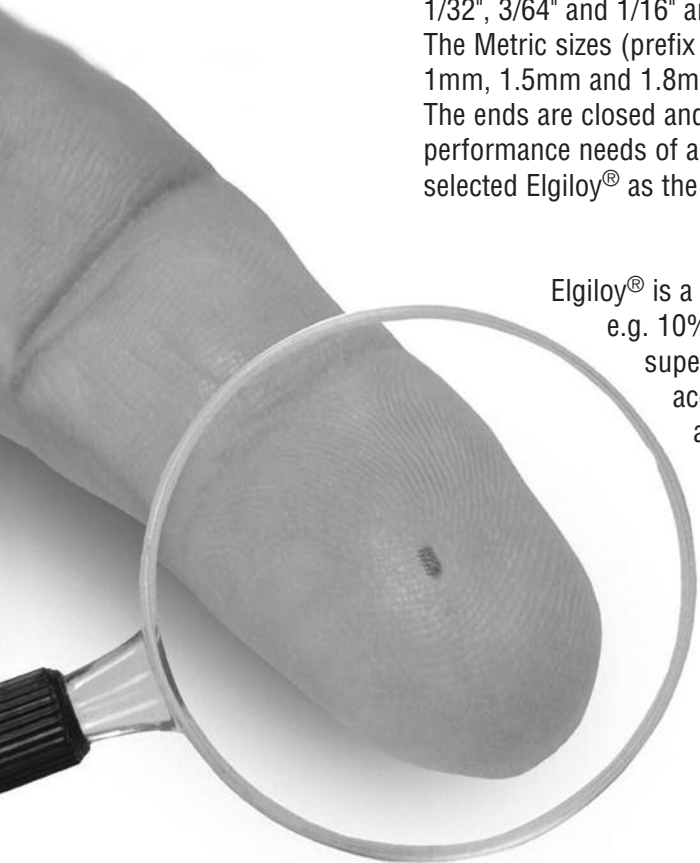


# BANTAM™ Mini Compression Springs

*Miniature Compression Springs with Big Performance*

Bantam™ Mini Compression Springs are Lee Spring's unique line of miniature springs. These Stock products are offered in wire sizes .0040", .0045", .0050" and .0055". The Inch sizes (prefix CB) include selections to work inside hole diameters 1/32", 3/64" and 1/16" and in a range of free lengths from .050" up to .625". The Metric sizes (prefix CBM) include selections to work inside of hole diameters 1mm, 1.5mm and 1.8mm in a range of free lengths starting at 1mm up to 12mm. The ends are closed and squared, not ground. In order to meet and maximize the performance needs of a potentially diverse range of applications, Lee Spring selected Elgiloy® as the alloy for Stock BANTAM™ Mini Springs.

Elgiloy® is a Cobalt-Nickel alloy known for its high strength, e.g. 10% stronger than Type 316 Stainless Steel. It exhibits superior resistance in most corrosive environments including acetic acid, ammonium chloride, citric acid, sodium chloride and sodium sulfite. This material performs well in temperatures up to 850° F. Elgiloy® is non-magnetic.



**BANTAM™ Mini Compression Springs have useful applications in various industries, including:**

- Medical devices
- Pharmaceutical delivery devices
- Petro-chemical processes
- Aerospace
- Marine industries
- Locks and security devices
- Hardware
- Firearms
- Lighting and electrical control
- Communication devices
- Testing and measurement
- Automotive
- Precision Instruments
- ...and many more



*Lee Spring can manufacture custom mini springs to your specifications. Contact us today!*

# BANTAM™ Mini Compression Springs

## Guide to using tables

BANTAM MINI  
COMPRESSION SPRINGS

**Lee Stock Number:**  
Lee Spring Part Number

**To Work In  
Hole Diameter:**  
Suggested minimum  
hole size if needed for  
spring containment.

**Approx. Load  
at Solid Height:**  
The load or force  
required to bring all  
coils into contact.

**Spring Rate:**  
Change in load  
or force per unit  
of deflection.

**Price Group:**  
Reference for  
price list.

| LEE<br>STOCK<br>NUMBER | OUTSIDE<br>DIAMETER |     | TO WORK<br>IN HOLE<br>DIAMETER |     | WIRE<br>DIAMETER |     | APPROX.<br>LOAD AT<br>SOLID HGT. |      | FREE<br>LENGTH |       | SPRING<br>RATE |       | SOLID<br>HEIGHT |       | PRICE<br>GROUP |
|------------------------|---------------------|-----|--------------------------------|-----|------------------|-----|----------------------------------|------|----------------|-------|----------------|-------|-----------------|-------|----------------|
|                        | IN.                 | MM  | IN.                            | MM  | IN.              | MM  | LB.                              | KG   | N.             | MM    | LB/IN.         | KG/MM | IN.             | MM    |                |
| CB0040A 01 E           |                     |     |                                |     |                  |     |                                  |      | 0.050          | 1.270 | 8.779          | 0.157 | 0.030           | 0.753 | R              |
| CB0040A 02 E           |                     |     |                                |     |                  |     |                                  |      | 0.075          | 1.905 | 5.295          | 0.095 | 0.041           | 1.047 | R              |
| CB0040A 03 E           |                     |     |                                |     |                  |     |                                  |      | 0.100          | 2.540 | 3.791          | 0.068 | 0.053           | 1.342 | R              |
| CB0040A 04 E           |                     |     |                                |     |                  |     |                                  |      | 0.125          | 3.175 | 2.952          | 0.053 | 0.064           | 1.637 | R              |
| CB0040A 05 E           | .025                | .64 | .032                           | .81 | .0040            | .10 | .179                             | .081 | 0.150          | 3.810 | 2.417          | 0.043 | 0.076           | 1.931 | R              |
| CB0040A 06 E           |                     |     |                                |     |                  |     |                                  |      | 0.175          | 4.445 | 2.047          | 0.037 | 0.088           | 2.226 | R              |
| CB0040A 07 E           |                     |     |                                |     |                  |     |                                  |      | 0.200          | 5.080 | 1.774          | 0.032 | 0.099           | 2.521 | R              |
| CB0040A 08 E           |                     |     |                                |     |                  |     |                                  |      | 0.225          | 5.715 | 1.569          | 0.028 |                 |       | R              |

**Outside Diameter:**  
Spring outer diameter,  
parts listed in  
ascending order.

**Wire Diameter:**  
In ascending order  
of size, within each  
group of outside  
diameters.

**Free Length:**  
The overall height  
of the spring in the  
unloaded position.

**Solid Height:**  
Length when fully  
compressed.

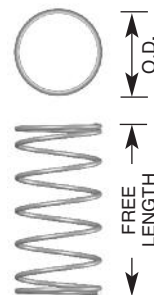
### Additional Information

- The smallest compression spring series that Lee Spring offers in a stock line.
- Bantam series wire diameter's starting at just 0.0040" (0.10mm), which is just slightly thicker than a human hair.
- Custom designs in Elgiloy® are available.
- Spring Rate and Load at Solid Height are pre-calculated for Elgiloy®. Elgiloy® is a trademark of Elgiloy Ltd. Partnership.

For additional information, pricing, availability, and technical support please contact Lee Spring by calling +91 80 49376666 or by email at [india-sales@leespring.com](mailto:india-sales@leespring.com)

Note: Elgiloy® may be substituted with equivalent cobalt alloy wire at Lee Spring's discretion.

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|------|-------------|--------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    |             |
| CB0040A 01 E     | .025             | .64  | .032                     | .81  | .0040         | .10 | .179                       | .081 | 0.050       | 1.270  | 8.779       | 0.157 | 0.030        | 0.753 | R           |
| CB0040A 02 E     |                  |      |                          |      |               |     |                            |      | 0.075       | 1.905  | 5.295       | 0.095 | 0.041        | 1.047 | R           |
| CB0040A 03 E     |                  |      |                          |      |               |     |                            |      | 0.100       | 2.540  | 3.791       | 0.068 | 0.053        | 1.342 | R           |
| CB0040A 04 E     |                  |      |                          |      |               |     |                            |      | 0.125       | 3.175  | 2.952       | 0.053 | 0.064        | 1.637 | R           |
| CB0040A 05 E     |                  |      |                          |      |               |     |                            |      | 0.150       | 3.810  | 2.417       | 0.043 | 0.076        | 1.931 | R           |
| CB0040A 06 E     |                  |      |                          |      |               |     |                            |      | 0.175       | 4.445  | 2.047       | 0.037 | 0.088        | 2.226 | R           |
| CB0040A 07 E     |                  |      |                          |      |               |     |                            |      | 0.200       | 5.080  | 1.774       | 0.032 | 0.099        | 2.521 | R           |
| CB0040A 08 E     |                  |      |                          |      |               |     |                            |      | 0.225       | 5.715  | 1.566       | 0.028 | 0.111        | 2.815 | R           |
| CB0040A 09 E     |                  |      |                          |      |               |     |                            |      | 0.250       | 6.350  | 1.402       | 0.025 | 0.122        | 3.110 | R           |
| CB0045A 01 E     | .025             | .64  | .032                     | .81  | .0045         | .11 | .261                       | .118 | 0.050       | 1.270  | 15.361      | 0.275 | 0.033        | 0.839 | R           |
| CB0045A 02 E     |                  |      |                          |      |               |     |                            |      | 0.075       | 1.905  | 9.116       | 0.163 | 0.046        | 1.178 | R           |
| CB0045A 03 E     |                  |      |                          |      |               |     |                            |      | 0.100       | 2.540  | 6.482       | 0.116 | 0.060        | 1.518 | R           |
| CB0045A 04 E     |                  |      |                          |      |               |     |                            |      | 0.125       | 3.175  | 5.028       | 0.090 | 0.073        | 1.858 | R           |
| CB0045A 05 E     |                  |      |                          |      |               |     |                            |      | 0.150       | 3.810  | 4.107       | 0.074 | 0.087        | 2.197 | R           |
| CB0045A 06 E     |                  |      |                          |      |               |     |                            |      | 0.175       | 4.445  | 3.472       | 0.062 | 0.100        | 2.537 | R           |
| CB0045A 07 E     |                  |      |                          |      |               |     |                            |      | 0.200       | 5.080  | 3.006       | 0.054 | 0.113        | 2.877 | R           |
| CB0045A 08 E     |                  |      |                          |      |               |     |                            |      | 0.225       | 5.715  | 2.651       | 0.047 | 0.127        | 3.216 | R           |
| CB0045A 09 E     |                  |      |                          |      |               |     |                            |      | 0.250       | 6.350  | 2.371       | 0.042 | 0.140        | 3.556 | R           |
| CB0050A 01 E     | .025             | .64  | .032                     | .81  | .0050         | .13 | .367                       | .166 | 0.050       | 1.270  | 26.102      | 0.467 | 0.036        | 0.913 | R           |
| CB0050A 02 E     |                  |      |                          |      |               |     |                            |      | 0.075       | 1.905  | 15.226      | 0.273 | 0.051        | 1.293 | R           |
| CB0050A 03 E     |                  |      |                          |      |               |     |                            |      | 0.100       | 2.540  | 10.748      | 0.192 | 0.066        | 1.673 | R           |
| CB0050A 04 E     |                  |      |                          |      |               |     |                            |      | 0.125       | 3.175  | 8.305       | 0.149 | 0.081        | 2.054 | R           |
| CB0050A 05 E     |                  |      |                          |      |               |     |                            |      | 0.150       | 3.810  | 6.767       | 0.121 | 0.096        | 2.434 | R           |
| CB0050A 06 E     |                  |      |                          |      |               |     |                            |      | 0.175       | 4.445  | 5.710       | 0.102 | 0.111        | 2.814 | R           |
| CB0050A 07 E     |                  |      |                          |      |               |     |                            |      | 0.200       | 5.080  | 4.938       | 0.088 | 0.126        | 3.194 | R           |
| CB0050A 08 E     |                  |      |                          |      |               |     |                            |      | 0.225       | 5.715  | 4.350       | 0.078 | 0.141        | 3.574 | R           |
| CB0050A 09 E     |                  |      |                          |      |               |     |                            |      | 0.250       | 6.350  | 3.887       | 0.070 | 0.156        | 3.954 | R           |
| CB0055A 01 E     | .025             | .64  | .032                     | .81  | .0055         | .14 | .501                       | .227 | 0.050       | 1.270  | 43.308      | 0.775 | 0.038        | 0.976 | R           |
| CB0055A 02 E     |                  |      |                          |      |               |     |                            |      | 0.075       | 1.905  | 24.800      | 0.444 | 0.055        | 1.392 | R           |
| CB0055A 03 E     |                  |      |                          |      |               |     |                            |      | 0.100       | 2.540  | 17.375      | 0.311 | 0.071        | 1.808 | R           |
| CB0055A 04 E     |                  |      |                          |      |               |     |                            |      | 0.125       | 3.175  | 13.372      | 0.239 | 0.088        | 2.224 | R           |
| CB0055A 05 E     |                  |      |                          |      |               |     |                            |      | 0.150       | 3.810  | 10.868      | 0.195 | 0.104        | 2.640 | R           |
| CB0055A 06 E     |                  |      |                          |      |               |     |                            |      | 0.175       | 4.445  | 9.153       | 0.164 | 0.120        | 3.056 | R           |
| CB0055A 07 E     |                  |      |                          |      |               |     |                            |      | 0.200       | 5.080  | 7.906       | 0.142 | 0.137        | 3.472 | R           |
| CB0055A 08 E     |                  |      |                          |      |               |     |                            |      | 0.225       | 5.715  | 6.958       | 0.125 | 0.153        | 3.888 | R           |
| CB0055A 09 E     |                  |      |                          |      |               |     |                            |      | 0.250       | 6.350  | 6.213       | 0.111 | 0.169        | 4.304 | R           |
| CB0040B 01 E     | .040             | 1.02 | .047                     | 1.19 | .0040         | .10 | .104                       | .047 | 0.100       | 2.540  | 1.534       | 0.027 | 0.032        | 0.813 | R           |
| CB0040B 02 E     |                  |      |                          |      |               |     |                            |      | 0.150       | 3.810  | 0.978       | 0.018 | 0.043        | 1.102 | R           |
| CB0040B 03 E     |                  |      |                          |      |               |     |                            |      | 0.200       | 5.080  | 0.718       | 0.013 | 0.055        | 1.391 | R           |
| CB0040B 04 E     |                  |      |                          |      |               |     |                            |      | 0.250       | 6.350  | 0.567       | 0.010 | 0.066        | 1.680 | R           |
| CB0040B 05 E     |                  |      |                          |      |               |     |                            |      | 0.300       | 7.620  | 0.469       | 0.008 | 0.078        | 1.969 | R           |
| CB0040B 06 E     |                  |      |                          |      |               |     |                            |      | 0.350       | 8.890  | 0.399       | 0.007 | 0.089        | 2.258 | R           |
| CB0040B 07 E     |                  |      |                          |      |               |     |                            |      | 0.400       | 10.160 | 0.348       | 0.006 | 0.100        | 2.547 | R           |
| CB0040B 08 E     |                  |      |                          |      |               |     |                            |      | 0.450       | 11.430 | 0.308       | 0.006 | 0.112        | 2.836 | R           |
| CB0040B 09 E     |                  |      |                          |      |               |     |                            |      | 0.500       | 12.700 | 0.277       | 0.005 | 0.123        | 3.125 | R           |



## SPECIAL INSTRUCTIONS FOR BANTAM MINI COMPRESSION SERIES

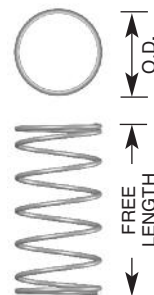
**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.  
**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Elgiloy®. Elgiloy is a trademark of Elgiloy Ltd. Partnership.  
 Elgiloy may be substituted with equivalent cobalt alloy wire at Lee Spring's discretion.

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|------|-------------|--------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    |             |
| CB0045B 01 E     | .040             | 1.02 | .047                     | 1.19 | .0045         | .11 | .151                       | .068 | 0.100       | 2.540  | 2.409       | 0.043 | 0.037        | 0.952 | R           |
| CB0045B 02 E     |                  |      |                          |      |               |     |                            |      | 0.150       | 3.810  | 1.526       | 0.027 | 0.051        | 1.304 | R           |
| CB0045B 03 E     |                  |      |                          |      |               |     |                            |      | 0.200       | 5.080  | 1.117       | 0.020 | 0.065        | 1.656 | R           |
| CB0045B 04 E     |                  |      |                          |      |               |     |                            |      | 0.250       | 6.350  | 0.881       | 0.016 | 0.079        | 2.008 | R           |
| CB0045B 05 E     |                  |      |                          |      |               |     |                            |      | 0.300       | 7.620  | 0.727       | 0.013 | 0.093        | 2.360 | R           |
| CB0045B 06 E     |                  |      |                          |      |               |     |                            |      | 0.350       | 8.890  | 0.619       | 0.011 | 0.107        | 2.712 | R           |
| CB0045B 07 E     |                  |      |                          |      |               |     |                            |      | 0.400       | 10.160 | 0.539       | 0.010 | 0.121        | 3.064 | R           |
| CB0045B 08 E     |                  |      |                          |      |               |     |                            |      | 0.450       | 11.430 | 0.477       | 0.009 | 0.134        | 3.416 | R           |
| CB0045B 09 E     |                  |      |                          |      |               |     |                            |      | 0.500       | 12.700 | 0.428       | 0.008 | 0.148        | 3.768 | R           |
| CB0050B 01 E     | .040             | 1.02 | .047                     | 1.19 | .0050         | .13 | .210                       | .095 | 0.100       | 2.540  | 3.666       | 0.066 | 0.043        | 1.088 | R           |
| CB0050B 02 E     |                  |      |                          |      |               |     |                            |      | 0.150       | 3.810  | 2.308       | 0.041 | 0.059        | 1.504 | R           |
| CB0050B 03 E     |                  |      |                          |      |               |     |                            |      | 0.200       | 5.080  | 1.684       | 0.030 | 0.076        | 1.920 | R           |
| CB0050B 04 E     |                  |      |                          |      |               |     |                            |      | 0.250       | 6.350  | 1.326       | 0.024 | 0.092        | 2.336 | R           |
| CB0050B 05 E     |                  |      |                          |      |               |     |                            |      | 0.300       | 7.620  | 1.093       | 0.020 | 0.108        | 2.752 | R           |
| CB0050B 06 E     |                  |      |                          |      |               |     |                            |      | 0.350       | 8.890  | 0.930       | 0.017 | 0.125        | 3.168 | R           |
| CB0050B 07 E     |                  |      |                          |      |               |     |                            |      | 0.400       | 10.160 | 0.809       | 0.014 | 0.141        | 3.584 | R           |
| CB0050B 08 E     |                  |      |                          |      |               |     |                            |      | 0.450       | 11.430 | 0.716       | 0.013 | 0.157        | 4.000 | R           |
| CB0050B 09 E     |                  |      |                          |      |               |     |                            |      | 0.500       | 12.700 | 0.642       | 0.011 | 0.174        | 4.415 | R           |
| CB0055B 01 E     | .040             | 1.02 | .047                     | 1.19 | .0055         | .14 | .283                       | .128 | 0.100       | 2.540  | 5.443       | 0.097 | 0.048        | 1.220 | R           |
| CB0055B 02 E     |                  |      |                          |      |               |     |                            |      | 0.150       | 3.810  | 3.405       | 0.061 | 0.067        | 1.699 | R           |
| CB0055B 03 E     |                  |      |                          |      |               |     |                            |      | 0.200       | 5.080  | 2.477       | 0.044 | 0.086        | 2.179 | R           |
| CB0055B 04 E     |                  |      |                          |      |               |     |                            |      | 0.250       | 6.350  | 1.947       | 0.035 | 0.105        | 2.658 | R           |
| CB0055B 05 E     |                  |      |                          |      |               |     |                            |      | 0.300       | 7.620  | 1.603       | 0.029 | 0.124        | 3.138 | R           |
| CB0055B 06 E     |                  |      |                          |      |               |     |                            |      | 0.350       | 8.890  | 1.363       | 0.024 | 0.142        | 3.617 | R           |
| CB0055B 07 E     |                  |      |                          |      |               |     |                            |      | 0.400       | 10.160 | 1.185       | 0.021 | 0.161        | 4.096 | R           |
| CB0055B 08 E     |                  |      |                          |      |               |     |                            |      | 0.450       | 11.430 | 1.048       | 0.019 | 0.180        | 4.576 | R           |
| CB0055B 09 E     |                  |      |                          |      |               |     |                            |      | 0.500       | 12.700 | 0.940       | 0.017 | 0.199        | 5.055 | R           |
| CB0040C 01 E     | .057             | 1.45 | .063                     | 1.60 | .0040         | .10 | .071                       | .032 | 0.125       | 3.175  | 0.712       | 0.013 | 0.026        | 0.648 | R           |
| CB0040C 02 E     |                  |      |                          |      |               |     |                            |      | 0.188       | 4.775  | 0.457       | 0.008 | 0.033        | 0.840 | R           |
| CB0040C 03 E     |                  |      |                          |      |               |     |                            |      | 0.250       | 6.350  | 0.338       | 0.006 | 0.040        | 1.028 | R           |
| CB0040C 04 E     |                  |      |                          |      |               |     |                            |      | 0.313       | 7.950  | 0.267       | 0.005 | 0.048        | 1.220 | R           |
| CB0040C 05 E     |                  |      |                          |      |               |     |                            |      | 0.375       | 9.525  | 0.222       | 0.004 | 0.055        | 1.408 | R           |
| CB0040C 06 E     |                  |      |                          |      |               |     |                            |      | 0.438       | 11.125 | 0.189       | 0.003 | 0.063        | 1.600 | R           |
| CB0040C 07 E     |                  |      |                          |      |               |     |                            |      | 0.500       | 12.700 | 0.165       | 0.003 | 0.070        | 1.788 | R           |
| CB0040C 08 E     |                  |      |                          |      |               |     |                            |      | 0.563       | 14.300 | 0.146       | 0.003 | 0.078        | 1.979 | R           |
| CB0040C 09 E     |                  |      |                          |      |               |     |                            |      | 0.625       | 15.875 | 0.131       | 0.002 | 0.085        | 2.168 | R           |
| CB0045C 01 E     | .057             | 1.45 | .063                     | 1.60 | .0045         | .11 | .102                       | .046 | 0.125       | 3.175  | 1.073       | 0.019 | 0.030        | 0.765 | R           |
| CB0045C 02 E     |                  |      |                          |      |               |     |                            |      | 0.188       | 4.775  | 0.686       | 0.012 | 0.040        | 1.004 | R           |
| CB0045C 03 E     |                  |      |                          |      |               |     |                            |      | 0.250       | 6.350  | 0.506       | 0.009 | 0.049        | 1.239 | R           |
| CB0045C 04 E     |                  |      |                          |      |               |     |                            |      | 0.313       | 7.950  | 0.400       | 0.007 | 0.058        | 1.478 | R           |
| CB0045C 05 E     |                  |      |                          |      |               |     |                            |      | 0.375       | 9.525  | 0.331       | 0.006 | 0.067        | 1.713 | R           |
| CB0045C 06 E     |                  |      |                          |      |               |     |                            |      | 0.438       | 11.125 | 0.282       | 0.005 | 0.077        | 1.951 | R           |
| CB0045C 07 E     |                  |      |                          |      |               |     |                            |      | 0.500       | 12.700 | 0.246       | 0.004 | 0.086        | 2.186 | R           |
| CB0045C 08 E     |                  |      |                          |      |               |     |                            |      | 0.563       | 14.300 | 0.218       | 0.004 | 0.095        | 2.425 | R           |
| CB0045C 09 E     |                  |      |                          |      |               |     |                            |      | 0.625       | 15.875 | 0.196       | 0.004 | 0.105        | 2.660 | R           |

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| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|------|-------------|--------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    |             |
| CB0050C 01 E     | .057             | 1.45 | .063                     | 1.60 | .0050         | .13 | .141                       | .064 | 0.125       | 3.175  | 1.565       | 0.028 | 0.035        | 0.886 | R           |
| CB0050C 02 E     |                  |      |                          |      |               |     |                            |      | 0.188       | 4.775  | 0.995       | 0.018 | 0.046        | 1.175 | R           |
| CB0050C 03 E     |                  |      |                          |      |               |     |                            |      | 0.250       | 6.350  | 0.733       | 0.013 | 0.057        | 1.460 | R           |
| CB0050C 04 E     |                  |      |                          |      |               |     |                            |      | 0.313       | 7.950  | 0.578       | 0.010 | 0.069        | 1.749 | R           |
| CB0050C 05 E     |                  |      |                          |      |               |     |                            |      | 0.375       | 9.525  | 0.478       | 0.009 | 0.080        | 2.034 | R           |
| CB0050C 06 E     |                  |      |                          |      |               |     |                            |      | 0.438       | 11.125 | 0.407       | 0.007 | 0.091        | 2.323 | R           |
| CB0050C 07 E     |                  |      |                          |      |               |     |                            |      | 0.500       | 12.700 | 0.355       | 0.006 | 0.103        | 2.608 | R           |
| CB0050C 08 E     |                  |      |                          |      |               |     |                            |      | 0.563       | 14.300 | 0.314       | 0.006 | 0.114        | 2.897 | R           |
| CB0050C 09 E     |                  |      |                          |      |               |     |                            |      | 0.625       | 15.875 | 0.282       | 0.005 | 0.125        | 3.181 | R           |
| CB0055C 01 E     | .057             | 1.45 | .063                     | 1.60 | .0055         | .14 | .190                       | .086 | 0.125       | 3.175  | 2.222       | 0.040 | 0.040        | 1.009 | R           |
| CB0055C 02 E     |                  |      |                          |      |               |     |                            |      | 0.188       | 4.775  | 1.406       | 0.025 | 0.053        | 1.351 | R           |
| CB0055C 03 E     |                  |      |                          |      |               |     |                            |      | 0.250       | 6.350  | 1.033       | 0.018 | 0.066        | 1.688 | R           |
| CB0055C 04 E     |                  |      |                          |      |               |     |                            |      | 0.313       | 7.950  | 0.813       | 0.015 | 0.080        | 2.030 | R           |
| CB0055C 05 E     |                  |      |                          |      |               |     |                            |      | 0.375       | 9.525  | 0.673       | 0.012 | 0.093        | 2.367 | R           |
| CB0055C 06 E     |                  |      |                          |      |               |     |                            |      | 0.438       | 11.125 | 0.572       | 0.010 | 0.107        | 2.710 | R           |
| CB0055C 07 E     |                  |      |                          |      |               |     |                            |      | 0.500       | 12.700 | 0.499       | 0.009 | 0.120        | 3.046 | R           |
| CB0055C 08 E     |                  |      |                          |      |               |     |                            |      | 0.563       | 14.300 | 0.441       | 0.008 | 0.133        | 3.389 | R           |
| CB0055C 09 E     |                  |      |                          |      |               |     |                            |      | 0.625       | 15.875 | 0.396       | 0.007 | 0.147        | 3.726 | R           |


**SPECIAL INSTRUCTIONS FOR BANTAM MINI COMPRESSION SERIES**

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

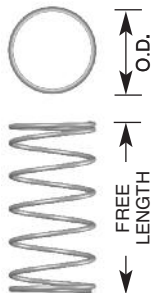
**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Elgiloy®. Elgiloy is a trademark of Elgiloy Ltd. Partnership. Elgiloy may be substituted with equivalent cobalt alloy wire at Lee Spring's discretion.

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |       | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|------|--------------------------|------|---------------|-------|----------------------------|------|-------------|-------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.  | MM                       | IN.  | MM            | IN.   | N                          | LB.  | MM          | IN.   | N/MM        | LB/IN. | MM           | IN.   |             |
| CBM010A 01 E     | .81              | .032 | 1.00                     | .039 | .10           | .0040 | .60                        | .135 | 1.00        | 0.039 | 1.281       | 7.314  | 0.533        | 0.021 | R           |
| CBM010A 02 E     |                  |      |                          |      |               |       |                            |      | 2.00        | 0.079 | 0.525       | 3.000  | 0.864        | 0.034 | R           |
| CBM010A 03 E     |                  |      |                          |      |               |       |                            |      | 3.00        | 0.118 | 0.330       | 1.887  | 1.194        | 0.047 | R           |
| CBM010A 04 E     |                  |      |                          |      |               |       |                            |      | 4.00        | 0.157 | 0.241       | 1.376  | 1.499        | 0.059 | R           |
| CBM010A 05 E     |                  |      |                          |      |               |       |                            |      | 5.00        | 0.197 | 0.190       | 1.083  | 1.829        | 0.072 | R           |
| CBM010A 06 E     |                  |      |                          |      |               |       |                            |      | 6.00        | 0.236 | 0.156       | 0.893  | 2.159        | 0.085 | R           |
| CBM010A 07 E     |                  |      |                          |      |               |       |                            |      | 7.00        | 0.276 | 0.133       | 0.759  | 2.489        | 0.098 | R           |
| CBM010A 08 E     |                  |      |                          |      |               |       |                            |      | 8.00        | 0.315 | 0.116       | 0.661  | 2.819        | 0.111 | R           |
| CBM010A 09 E     |                  |      |                          |      |               |       |                            |      | 9.00        | 0.354 | 0.102       | 0.585  | 3.150        | 0.124 | R           |
| CBM011A 01 E     | .81              | .032 | 1.00                     | .039 | .11           | .0045 | .90                        | .202 | 1.00        | 0.039 | 2.211       | 12.623 | 0.584        | 0.023 | R           |
| CBM011A 02 E     |                  |      |                          |      |               |       |                            |      | 2.00        | 0.079 | 0.876       | 5.004  | 0.965        | 0.038 | R           |
| CBM011A 03 E     |                  |      |                          |      |               |       |                            |      | 3.00        | 0.118 | 0.547       | 3.121  | 1.346        | 0.053 | R           |
| CBM011A 04 E     |                  |      |                          |      |               |       |                            |      | 4.00        | 0.157 | 0.397       | 2.267  | 1.727        | 0.068 | R           |
| CBM011A 05 E     |                  |      |                          |      |               |       |                            |      | 5.00        | 0.197 | 0.312       | 1.781  | 2.108        | 0.083 | R           |
| CBM011A 06 E     |                  |      |                          |      |               |       |                            |      | 6.00        | 0.236 | 0.257       | 1.466  | 2.489        | 0.098 | R           |
| CBM011A 07 E     |                  |      |                          |      |               |       |                            |      | 7.00        | 0.276 | 0.218       | 1.246  | 2.870        | 0.113 | R           |
| CBM011A 08 E     |                  |      |                          |      |               |       |                            |      | 8.00        | 0.315 | 0.190       | 1.083  | 3.251        | 0.128 | R           |
| CBM011A 09 E     |                  |      |                          |      |               |       |                            |      | 9.00        | 0.354 | 0.168       | 0.958  | 3.632        | 0.143 | R           |
| CBM013A 01 E     | .81              | .032 | 1.00                     | .039 | .13           | .0050 | 1.20                       | .270 | 1.00        | 0.039 | 3.536       | 20.191 | 0.660        | 0.026 | R           |
| CBM013A 02 E     |                  |      |                          |      |               |       |                            |      | 2.00        | 0.079 | 1.352       | 7.719  | 1.118        | 0.044 | R           |
| CBM013A 03 E     |                  |      |                          |      |               |       |                            |      | 3.00        | 0.118 | 0.836       | 4.772  | 1.575        | 0.062 | R           |
| CBM013A 04 E     |                  |      |                          |      |               |       |                            |      | 4.00        | 0.157 | 0.605       | 3.455  | 2.007        | 0.079 | R           |
| CBM013A 05 E     |                  |      |                          |      |               |       |                            |      | 5.00        | 0.197 | 0.474       | 2.706  | 2.464        | 0.097 | R           |
| CBM013A 06 E     |                  |      |                          |      |               |       |                            |      | 6.00        | 0.236 | 0.389       | 2.224  | 2.921        | 0.115 | R           |
| CBM013A 07 E     |                  |      |                          |      |               |       |                            |      | 7.00        | 0.276 | 0.331       | 1.889  | 3.378        | 0.133 | R           |
| CBM013A 08 E     |                  |      |                          |      |               |       |                            |      | 8.00        | 0.315 | 0.287       | 1.641  | 3.810        | 0.150 | R           |
| CBM013A 09 E     |                  |      |                          |      |               |       |                            |      | 9.00        | 0.354 | 0.254       | 1.451  | 4.267        | 0.168 | R           |
| CBM014A 01 E     | .81              | .032 | 1.00                     | .039 | .14           | .0055 | 1.60                       | .360 | 1.00        | 0.039 | 5.655       | 32.288 | 0.711        | 0.028 | R           |
| CBM014A 02 E     |                  |      |                          |      |               |       |                            |      | 2.00        | 0.079 | 2.078       | 11.863 | 1.219        | 0.048 | R           |
| CBM014A 03 E     |                  |      |                          |      |               |       |                            |      | 3.00        | 0.118 | 1.273       | 7.266  | 1.753        | 0.069 | R           |
| CBM014A 04 E     |                  |      |                          |      |               |       |                            |      | 4.00        | 0.157 | 0.917       | 5.238  | 2.261        | 0.089 | R           |
| CBM014A 05 E     |                  |      |                          |      |               |       |                            |      | 5.00        | 0.197 | 0.717       | 4.094  | 2.769        | 0.109 | R           |
| CBM014A 06 E     |                  |      |                          |      |               |       |                            |      | 6.00        | 0.236 | 0.588       | 3.360  | 3.277        | 0.129 | R           |
| CBM014A 07 E     |                  |      |                          |      |               |       |                            |      | 7.00        | 0.276 | 0.499       | 2.850  | 3.785        | 0.149 | R           |
| CBM014A 08 E     |                  |      |                          |      |               |       |                            |      | 8.00        | 0.315 | 0.433       | 2.474  | 4.318        | 0.170 | R           |
| CBM014A 09 E     |                  |      |                          |      |               |       |                            |      | 9.00        | 0.354 | 0.383       | 2.186  | 4.826        | 0.190 | R           |
| CBM010B 01 E     | 1.32             | .052 | 1.50                     | .059 | .10           | .0040 | .35                        | .079 | 2.00        | 0.079 | 0.241       | 1.375  | 0.533        | 0.021 | R           |
| CBM010B 02 E     |                  |      |                          |      |               |       |                            |      | 3.00        | 0.118 | 0.151       | 0.864  | 0.686        | 0.027 | R           |
| CBM010B 03 E     |                  |      |                          |      |               |       |                            |      | 4.00        | 0.157 | 0.110       | 0.630  | 0.838        | 0.033 | R           |
| CBM010B 04 E     |                  |      |                          |      |               |       |                            |      | 5.00        | 0.197 | 0.087       | 0.496  | 0.965        | 0.038 | R           |
| CBM010B 05 E     |                  |      |                          |      |               |       |                            |      | 6.00        | 0.236 | 0.072       | 0.409  | 1.118        | 0.044 | R           |
| CBM010B 06 E     |                  |      |                          |      |               |       |                            |      | 7.00        | 0.276 | 0.061       | 0.348  | 1.245        | 0.049 | R           |
| CBM010B 07 E     |                  |      |                          |      |               |       |                            |      | 8.00        | 0.315 | 0.053       | 0.303  | 1.397        | 0.055 | R           |
| CBM010B 08 E     |                  |      |                          |      |               |       |                            |      | 9.00        | 0.354 | 0.047       | 0.268  | 1.524        | 0.060 | R           |
| CBM010B 09 E     |                  |      |                          |      |               |       |                            |      | 10.00       | 0.394 | 0.042       | 0.240  | 1.676        | 0.066 | R           |

**SPECIAL INSTRUCTIONS FOR BANTAM MINI COMPRESSION SERIES**
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| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |       | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|------|--------------------------|------|---------------|-------|----------------------------|------|-------------|-------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.  | MM                       | IN.  | MM            | IN.   | N                          | LB.  | MM          | IN.   | N/MM        | LB/IN. | MM           | IN.   |             |
| CBM011B 01 E     | 1.32             | .052 | 1.50                     | .059 | .11           | .0045 | .50                        | .112 | 2.00        | 0.079 | 0.366       | 2.091  | 0.635        | 0.025 | R           |
| CBM011B 02 E     |                  |      |                          |      |               |       |                            |      | 3.00        | 0.118 | 0.229       | 1.305  | 0.813        | 0.032 | R           |
| CBM011B 03 E     |                  |      |                          |      |               |       |                            |      | 4.00        | 0.157 | 0.166       | 0.948  | 0.991        | 0.039 | R           |
| CBM011B 04 E     |                  |      |                          |      |               |       |                            |      | 5.00        | 0.197 | 0.130       | 0.744  | 1.168        | 0.046 | R           |
| CBM011B 05 E     |                  |      |                          |      |               |       |                            |      | 6.00        | 0.236 | 0.107       | 0.613  | 1.346        | 0.053 | R           |
| CBM011B 06 E     |                  |      |                          |      |               |       |                            |      | 7.00        | 0.276 | 0.091       | 0.521  | 1.524        | 0.060 | R           |
| CBM011B 07 E     |                  |      |                          |      |               |       |                            |      | 8.00        | 0.315 | 0.079       | 0.453  | 1.702        | 0.067 | R           |
| CBM011B 08 E     |                  |      |                          |      |               |       |                            |      | 9.00        | 0.354 | 0.070       | 0.400  | 1.880        | 0.074 | R           |
| CBM011B 09 E     |                  |      |                          |      |               |       |                            |      | 10.00       | 0.394 | 0.063       | 0.359  | 2.057        | 0.081 | R           |
| CBM013B 01 E     | 1.32             | .052 | 1.50                     | .059 | .13           | .0050 | .70                        | .157 | 2.00        | 0.079 | 0.548       | 3.130  | 0.711        | 0.028 | R           |
| CBM013B 02 E     |                  |      |                          |      |               |       |                            |      | 3.00        | 0.118 | 0.339       | 1.935  | 0.940        | 0.037 | R           |
| CBM013B 03 E     |                  |      |                          |      |               |       |                            |      | 4.00        | 0.157 | 0.245       | 1.400  | 1.143        | 0.045 | R           |
| CBM013B 04 E     |                  |      |                          |      |               |       |                            |      | 5.00        | 0.197 | 0.192       | 1.097  | 1.346        | 0.053 | R           |
| CBM013B 05 E     |                  |      |                          |      |               |       |                            |      | 6.00        | 0.236 | 0.158       | 0.902  | 1.575        | 0.062 | R           |
| CBM013B 06 E     |                  |      |                          |      |               |       |                            |      | 7.00        | 0.276 | 0.134       | 0.766  | 1.778        | 0.070 | R           |
| CBM013B 07 E     |                  |      |                          |      |               |       |                            |      | 8.00        | 0.315 | 0.116       | 0.665  | 1.981        | 0.078 | R           |
| CBM013B 08 E     |                  |      |                          |      |               |       |                            |      | 9.00        | 0.354 | 0.103       | 0.588  | 2.210        | 0.087 | R           |
| CBM013B 09 E     |                  |      |                          |      |               |       |                            |      | 10.00       | 0.394 | 0.092       | 0.527  | 2.413        | 0.095 | R           |
| CBM014B 01 E     | 1.32             | .052 | 1.50                     | .059 | .14           | .0055 | .95                        | .214 | 2.00        | 0.079 | 0.798       | 4.557  | 0.813        | 0.032 | R           |
| CBM014B 02 E     |                  |      |                          |      |               |       |                            |      | 3.00        | 0.118 | 0.489       | 2.791  | 1.067        | 0.042 | R           |
| CBM014B 03 E     |                  |      |                          |      |               |       |                            |      | 4.00        | 0.157 | 0.352       | 2.012  | 1.295        | 0.051 | R           |
| CBM014B 04 E     |                  |      |                          |      |               |       |                            |      | 5.00        | 0.197 | 0.275       | 1.573  | 1.549        | 0.061 | R           |
| CBM014B 05 E     |                  |      |                          |      |               |       |                            |      | 6.00        | 0.236 | 0.226       | 1.291  | 1.803        | 0.071 | R           |
| CBM014B 06 E     |                  |      |                          |      |               |       |                            |      | 7.00        | 0.276 | 0.192       | 1.095  | 2.057        | 0.081 | R           |
| CBM014B 07 E     |                  |      |                          |      |               |       |                            |      | 8.00        | 0.315 | 0.166       | 0.950  | 2.286        | 0.090 | R           |
| CBM014B 08 E     |                  |      |                          |      |               |       |                            |      | 9.00        | 0.354 | 0.147       | 0.840  | 2.540        | 0.100 | R           |
| CBM014B 09 E     |                  |      |                          |      |               |       |                            |      | 10.00       | 0.394 | 0.132       | 0.752  | 2.794        | 0.110 | R           |
| CBM010C 01 E     | 1.65             | .065 | 1.80                     | .071 | .10           | .0040 | .25                        | .056 | 3.00        | 0.118 | 0.103       | 0.590  | 0.584        | 0.023 | R           |
| CBM010C 02 E     |                  |      |                          |      |               |       |                            |      | 4.00        | 0.157 | 0.075       | 0.428  | 0.686        | 0.027 | R           |
| CBM010C 03 E     |                  |      |                          |      |               |       |                            |      | 5.00        | 0.197 | 0.059       | 0.338  | 0.787        | 0.031 | R           |
| CBM010C 04 E     |                  |      |                          |      |               |       |                            |      | 6.00        | 0.236 | 0.049       | 0.279  | 0.889        | 0.035 | R           |
| CBM010C 05 E     |                  |      |                          |      |               |       |                            |      | 7.00        | 0.276 | 0.042       | 0.237  | 0.991        | 0.039 | R           |
| CBM010C 06 E     |                  |      |                          |      |               |       |                            |      | 8.00        | 0.315 | 0.036       | 0.206  | 1.092        | 0.043 | R           |
| CBM010C 07 E     |                  |      |                          |      |               |       |                            |      | 9.00        | 0.354 | 0.032       | 0.182  | 1.194        | 0.047 | R           |
| CBM010C 08 E     |                  |      |                          |      |               |       |                            |      | 10.00       | 0.394 | 0.029       | 0.164  | 1.295        | 0.051 | R           |
| CBM010C 09 E     |                  |      |                          |      |               |       |                            |      | 12.00       | 0.472 | 0.024       | 0.135  | 1.499        | 0.059 | R           |
| CBM011C 01 E     | 1.65             | .065 | 1.80                     | .071 | .11           | .0045 | .40                        | .090 | 3.00        | 0.118 | 0.170       | 0.973  | 0.635        | 0.025 | R           |
| CBM011C 02 E     |                  |      |                          |      |               |       |                            |      | 4.00        | 0.157 | 0.124       | 0.706  | 0.762        | 0.030 | R           |
| CBM011C 03 E     |                  |      |                          |      |               |       |                            |      | 5.00        | 0.197 | 0.097       | 0.554  | 0.889        | 0.035 | R           |
| CBM011C 04 E     |                  |      |                          |      |               |       |                            |      | 6.00        | 0.236 | 0.080       | 0.456  | 0.991        | 0.039 | R           |
| CBM011C 05 E     |                  |      |                          |      |               |       |                            |      | 7.00        | 0.276 | 0.068       | 0.388  | 1.118        | 0.044 | R           |
| CBM011C 06 E     |                  |      |                          |      |               |       |                            |      | 8.00        | 0.315 | 0.059       | 0.337  | 1.219        | 0.048 | R           |
| CBM011C 07 E     |                  |      |                          |      |               |       |                            |      | 9.00        | 0.354 | 0.052       | 0.298  | 1.346        | 0.053 | R           |
| CBM011C 08 E     |                  |      |                          |      |               |       |                            |      | 10.00       | 0.394 | 0.047       | 0.267  | 1.448        | 0.057 | R           |
| CBM011C 09 E     |                  |      |                          |      |               |       |                            |      | 12.00       | 0.472 | 0.039       | 0.221  | 1.676        | 0.066 | R           |



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 Elgiloy may be substituted with equivalent cobalt alloy wire at Lee Spring's discretion.

| LEE<br>STOCK<br>NUMBER | OUTSIDE<br>DIAMETER |      | TO WORK<br>IN HOLE<br>DIAMETER |      | WIRE<br>DIAMETER |       | APPROX.<br>LOAD AT<br>SOLID HGT. |      | FREE<br>LENGTH |       | SPRING<br>RATE |        | SOLID<br>HEIGHT |       | PRICE<br>GROUP |
|------------------------|---------------------|------|--------------------------------|------|------------------|-------|----------------------------------|------|----------------|-------|----------------|--------|-----------------|-------|----------------|
|                        | MM                  | IN.  | MM                             | IN.  | MM               | IN.   | N                                | LB.  | MM             | IN.   | N/MM           | LB/IN. | MM              | IN.   |                |
| CBM013C 01 E           | 1.65                | .065 | 1.80                           | .071 | .13              | .0050 | .55                              | .124 | 3.00           | 0.118 | 0.244          | 1.395  | 0.762           | 0.030 | R              |
| CBM013C 02 E           |                     |      |                                |      |                  |       |                                  |      | 4.00           | 0.157 | 0.177          | 1.010  | 0.889           | 0.035 | R              |
| CBM013C 03 E           |                     |      |                                |      |                  |       |                                  |      | 5.00           | 0.197 | 0.139          | 0.792  | 1.041           | 0.041 | R              |
| CBM013C 04 E           |                     |      |                                |      |                  |       |                                  |      | 6.00           | 0.236 | 0.114          | 0.651  | 1.168           | 0.046 | R              |
| CBM013C 05 E           |                     |      |                                |      |                  |       |                                  |      | 7.00           | 0.276 | 0.097          | 0.552  | 1.321           | 0.052 | R              |
| CBM013C 06 E           |                     |      |                                |      |                  |       |                                  |      | 8.00           | 0.315 | 0.084          | 0.480  | 1.448           | 0.057 | R              |
| CBM013C 07 E           |                     |      |                                |      |                  |       |                                  |      | 9.00           | 0.354 | 0.074          | 0.424  | 1.600           | 0.063 | R              |
| CBM013C 08 E           |                     |      |                                |      |                  |       |                                  |      | 10.00          | 0.394 | 0.067          | 0.380  | 1.727           | 0.068 | R              |
| CBM013C 09 E           |                     |      |                                |      |                  |       |                                  |      | 12.00          | 0.472 | 0.055          | 0.315  | 2.007           | 0.079 | R              |
| CBM014C 01 E           | 1.65                | .065 | 1.80                           | .071 | .14              | .0055 | .70                              | .157 | 3.00           | 0.118 | 0.329          | 1.878  | 0.864           | 0.034 | R              |
| CBM014C 02 E           |                     |      |                                |      |                  |       |                                  |      | 4.00           | 0.157 | 0.237          | 1.354  | 1.041           | 0.041 | R              |
| CBM014C 03 E           |                     |      |                                |      |                  |       |                                  |      | 5.00           | 0.197 | 0.185          | 1.058  | 1.219           | 0.048 | R              |
| CBM014C 04 E           |                     |      |                                |      |                  |       |                                  |      | 6.00           | 0.236 | 0.152          | 0.869  | 1.397           | 0.055 | R              |
| CBM014C 05 E           |                     |      |                                |      |                  |       |                                  |      | 7.00           | 0.276 | 0.129          | 0.737  | 1.575           | 0.062 | R              |
| CBM014C 06 E           |                     |      |                                |      |                  |       |                                  |      | 8.00           | 0.315 | 0.112          | 0.639  | 1.753           | 0.069 | R              |
| CBM014C 07 E           |                     |      |                                |      |                  |       |                                  |      | 9.00           | 0.354 | 0.099          | 0.565  | 1.930           | 0.076 | R              |
| CBM014C 08 E           |                     |      |                                |      |                  |       |                                  |      | 10.00          | 0.394 | 0.089          | 0.506  | 2.108           | 0.083 | R              |
| CBM014C 09 E           |                     |      |                                |      |                  |       |                                  |      | 12.00          | 0.472 | 0.073          | 0.419  | 2.438           | 0.096 | R              |

**SPECIAL INSTRUCTIONS FOR BANTAM MINI COMPRESSION SERIES**

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Elgiloy®. Elgiloy is a trademark of Elgiloy Ltd. Partnership. Elgiloy may be substituted with equivalent cobalt alloy wire at Lee Spring's discretion.

# Compression Springs – Instrument Series

## *Precision Springs for Precision Products*



The Lee Spring Instrument Series includes a wide range of size and rate combinations in a smaller, highly precise spring design. Selections are sorted in ascending order to mating hole/bore diameter sizes. Instrument Compression Springs are available in both inch and metric series.

Inch Series springs are available in Music Wire, Type 302 Stainless Steel and Type 316 Stainless Steel. Metric Series springs are available in Music Wire and Type 302 Stainless Steel. The Music Wire springs are made from coated wire or provided with a plating finish for light corrosion resistance. The Type 302 Stainless Steel springs are passivated, while Type 316 Stainless Steel springs are passivated and ultrasonically cleaned.

Lee Spring Instrument Compression Springs feature squared ends. A squared end, also called a closed end, is made by reducing the coil pitch of the ends to zero. Squareness influences how a force produced by the spring can be transferred to adjacent parts.



*Lee Spring can manufacture custom compression springs to your specifications. Contact us today!*

# Compression Springs – Instrument Series

## Guide to using tables

COMPRESSION SPRINGS

### Lee Stock Number:

Lee Spring Part Number, add suffix M for Music Wire, S for Stainless Steel or S316 for Type 316 Stainless Steel.

### To Work In Hole Diameter:

Suggested minimum hole size if needed for spring containment.

### Approx. Load at Solid Height:

The load or force required to bring all coils into contact.

### Spring Rate:

Change in load or force per unit of deflection.

### Price Group:

Reference for price list.

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |   |      |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|------|-------------|---|------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   | M           | S | S316 |
| CI 006AA 01      |                  |      |                          |      |               |     |                            |      | 0.100       | 2.54  | 8.92        | 0.160 | 0.051        | 1.30 | E           | J | L    |
| CI 006AA 02      |                  |      |                          |      |               |     |                            |      | 0.150       | 3.81  | 5.54        | 0.099 | 0.072        | 1.82 | E           | J | L    |
| CI 006AA 03      |                  |      |                          |      |               |     |                            |      | 0.200       | 5.08  | 4.02        | 0.072 | 0.092        | 2.33 | E           | J | L    |
| CI 006AA 04      |                  |      |                          |      |               |     |                            |      | 0.250       | 6.35  | 3.15        | 0.056 | 0.112        | 2.85 | E           | J | L    |
| CI 006AA 05      | .040             | 1.02 | .047                     | 1.19 | .006          | .15 | .434                       | .197 | 0.300       | 7.62  | 2.59        | 0.046 | 0.132        | 3.36 | E           | J | L    |
| CI 006AA 06      |                  |      |                          |      |               |     |                            |      | 0.350       | 8.89  | 2.20        | 0.039 | 0.153        | 3.88 | E           | J | L    |
| CI 006AA 07      |                  |      |                          |      |               |     |                            |      | 0.400       | 10.16 | 1.91        | 0.032 | 0.177        | 4.40 | E           | J | L    |

### Outside Diameter:

Spring outer diameter, parts listed in ascending order.

### Wire Diameter:

In ascending order of size, within each group of outside diameters.

### Free Length:

The overall height of the spring in the unloaded position.

### Solid Height:

Length when fully compressed.

## Additional Information

- Load at Solid Height figures are provided for reference only. During the manufacturing process all material and engineering tolerances may result in the number of coils being adjusted to maintain the correct spring rate and therefore affect solid height.
- It is general good practice to avoid compressing springs to their solid height in order to achieve longer life. A guide rod is recommended to prevent buckling of long springs.
- To figure the load at any working length based on nominal free length and spring rate use the formula:  
 $P = R \times F$   
 where P is the load in lbs.; R is the spring rate in lbs per inch; F is the deflection in inches (or free length minus final spring length).

For additional information, pricing, availability, and technical support please contact Lee Spring by calling +91 80 49376666 or by email at [india-sales@leespring.com](mailto:india-sales@leespring.com)

# COMPRESSION SPRINGS: INSTRUMENT SERIES (INCH)

ENDS NOT GROUND • Music Wire (Plated\*\*), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER                  | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |                |               |
|-----------------------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|------|-------------|----------------|---------------|
|                                   | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   | Music Wire  | 302 Stainless* | 316 Stainless |
|                                   | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   | M           | S              | S316          |
| CI 006AA 01                       | .040             | 1.02 | .047                     | 1.19 | .006          | .15 | .434                       | .197 | 0.100       | 2.54  | 8.92        | 0.160 | 0.051        | 1.30 | E           | J              | L             |
| CI 006AA 02                       |                  |      |                          |      |               |     |                            |      | 0.150       | 3.81  | 5.54        | 0.099 | 0.072        | 1.82 | E           | J              | L             |
| CI 006AA 03                       |                  |      |                          |      |               |     |                            |      | 0.200       | 5.08  | 4.02        | 0.072 | 0.092        | 2.33 | E           | J              | L             |
| CI 006AA 04                       |                  |      |                          |      |               |     |                            |      | 0.250       | 6.35  | 3.15        | 0.056 | 0.112        | 2.85 | E           | J              | L             |
| CI 006AA 05                       |                  |      |                          |      |               |     |                            |      | 0.300       | 7.62  | 2.59        | 0.046 | 0.132        | 3.36 | E           | J              | L             |
| CI 006AA 06                       |                  |      |                          |      |               |     |                            |      | 0.350       | 8.89  | 2.20        | 0.039 | 0.153        | 3.88 | E           | J              | L             |
| CI 006AA 07                       |                  |      |                          |      |               |     |                            |      | 0.400       | 10.16 | 1.91        | 0.034 | 0.173        | 4.39 | E           | J              | L             |
| CI 006AA 08                       |                  |      |                          |      |               |     |                            |      | 0.450       | 11.43 | 1.69        | 0.030 | 0.193        | 4.91 | E           | J              | L             |
| CI 006AA 09                       |                  |      |                          |      |               |     |                            |      | 0.500       | 12.70 | 1.52        | 0.027 | 0.214        | 5.43 | E           | J              | L             |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |               |     |                            |      |             |       |             |       |              |      |             |                |               |
| CI 007AA 01                       | .040             | 1.02 | .047                     | 1.19 | .007          | .18 | .711                       | .323 | 0.100       | 2.54  | 17.88       | 0.320 | 0.060        | 1.53 | E           | J              | L             |
| CI 007AA 02                       |                  |      |                          |      |               |     |                            |      | 0.150       | 3.81  | 10.95       | 0.196 | 0.085        | 2.16 | E           | J              | L             |
| CI 007AA 03                       |                  |      |                          |      |               |     |                            |      | 0.200       | 5.08  | 7.89        | 0.141 | 0.110        | 2.79 | E           | J              | L             |
| CI 007AA 04                       |                  |      |                          |      |               |     |                            |      | 0.250       | 6.35  | 6.17        | 0.110 | 0.135        | 3.42 | E           | J              | L             |
| CI 007AA 05                       |                  |      |                          |      |               |     |                            |      | 0.300       | 7.62  | 5.06        | 0.091 | 0.160        | 4.05 | E           | J              | L             |
| CI 007AA 06                       |                  |      |                          |      |               |     |                            |      | 0.350       | 8.89  | 4.29        | 0.077 | 0.184        | 4.68 | E           | J              | L             |
| CI 007AA 07                       |                  |      |                          |      |               |     |                            |      | 0.400       | 10.16 | 3.73        | 0.067 | 0.209        | 5.31 | E           | J              | L             |
| CI 007AA 08                       |                  |      |                          |      |               |     |                            |      | 0.450       | 11.43 | 3.29        | 0.059 | 0.234        | 5.95 | E           | J              | L             |
| CI 007AA 09                       |                  |      |                          |      |               |     |                            |      | 0.500       | 12.70 | 2.95        | 0.053 | 0.259        | 6.58 | E           | J              | L             |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |               |     |                            |      |             |       |             |       |              |      |             |                |               |
| CI 006A 01                        | .057             | 1.45 | .063                     | 1.59 | .006          | .15 | .300                       | .136 | 0.125       | 3.18  | 3.80        | 0.068 | 0.041        | 1.04 | E           | J              | L             |
| CI 006A 02                        |                  |      |                          |      |               |     |                            |      | 0.188       | 4.78  | 2.40        | 0.043 | 0.054        | 1.37 | E           | J              | L             |
| CI 006A 03                        |                  |      |                          |      |               |     |                            |      | 0.250       | 6.35  | 1.80        | 0.032 | 0.066        | 1.68 | E           | J              | L             |
| CI 006A 04                        |                  |      |                          |      |               |     |                            |      | 0.313       | 7.95  | 1.40        | 0.025 | 0.081        | 2.06 | E           | J              | L             |
| CI 006A 05                        |                  |      |                          |      |               |     |                            |      | 0.375       | 9.53  | 1.10        | 0.020 | 0.096        | 2.44 | E           | J              | L             |
| CI 006A 06                        |                  |      |                          |      |               |     |                            |      | 0.438       | 11.13 | 1.00        | 0.018 | 0.108        | 2.74 | E           | J              | L             |
| CI 006A 07                        |                  |      |                          |      |               |     |                            |      | 0.500       | 12.70 | 0.90        | 0.016 | 0.120        | 3.05 | E           | J              | L             |
| CI 006A 08                        |                  |      |                          |      |               |     |                            |      | 0.563       | 14.30 | 0.70        | 0.013 | 0.154        | 3.91 | E           | J              | L             |
| CI 006A 09                        |                  |      |                          |      |               |     |                            |      | 0.625       | 15.88 | 0.60        | 0.011 | 0.174        | 4.42 | E           | J              | L             |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |               |     |                            |      |             |       |             |       |              |      |             |                |               |
| CI 007A 01                        | .057             | 1.45 | .063                     | 1.59 | .007          | .18 | .500                       | .227 | 0.125       | 3.18  | 6.90        | 0.123 | 0.051        | 1.30 | E           | J              | L             |
| CI 007A 02                        |                  |      |                          |      |               |     |                            |      | 0.188       | 4.78  | 4.10        | 0.073 | 0.070        | 1.78 | E           | J              | L             |
| CI 007A 03                        |                  |      |                          |      |               |     |                            |      | 0.250       | 6.35  | 3.00        | 0.053 | 0.090        | 2.29 | E           | J              | L             |
| CI 007A 04                        |                  |      |                          |      |               |     |                            |      | 0.313       | 7.95  | 2.40        | 0.043 | 0.105        | 2.67 | E           | J              | L             |
| CI 007A 05                        |                  |      |                          |      |               |     |                            |      | 0.375       | 9.53  | 2.10        | 0.038 | 0.119        | 3.02 | E           | J              | L             |
| CI 007A 06                        |                  |      |                          |      |               |     |                            |      | 0.438       | 11.13 | 1.70        | 0.030 | 0.140        | 3.56 | E           | J              | L             |
| CI 007A 07                        |                  |      |                          |      |               |     |                            |      | 0.500       | 12.70 | 1.50        | 0.027 | 0.158        | 4.01 | E           | J              | L             |
| CI 007A 08                        |                  |      |                          |      |               |     |                            |      | 0.563       | 14.30 | 1.30        | 0.023 | 0.173        | 4.39 | E           | J              | L             |
| CI 007A 09                        |                  |      |                          |      |               |     |                            |      | 0.625       | 15.88 | 1.10        | 0.020 | 0.199        | 5.05 | E           | J              | L             |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |               |     |                            |      |             |       |             |       |              |      |             |                |               |
| CI 008A 01                        | .057             | 1.45 | .063                     | 1.59 | .008          | .20 | .800                       | .363 | 0.125       | 3.18  | 11.60       | 0.207 | 0.060        | 1.52 | E           | J              | L             |
| CI 008A 02                        |                  |      |                          |      |               |     |                            |      | 0.188       | 4.78  | 7.60        | 0.136 | 0.080        | 2.03 | E           | J              | L             |
| CI 008A 03                        |                  |      |                          |      |               |     |                            |      | 0.250       | 6.35  | 5.20        | 0.093 | 0.104        | 2.64 | E           | J              | L             |
| CI 008A 04                        |                  |      |                          |      |               |     |                            |      | 0.313       | 7.95  | 4.00        | 0.071 | 0.128        | 3.25 | E           | J              | L             |
| CI 008A 05                        |                  |      |                          |      |               |     |                            |      | 0.375       | 9.53  | 3.40        | 0.061 | 0.148        | 3.76 | E           | J              | L             |
| CI 008A 06                        |                  |      |                          |      |               |     |                            |      | 0.438       | 11.13 | 2.80        | 0.050 | 0.172        | 4.37 | E           | J              | L             |
| CI 008A 07                        |                  |      |                          |      |               |     |                            |      | 0.500       | 12.70 | 2.40        | 0.043 | 0.196        | 4.98 | E           | J              | L             |
| CI 008A 08                        |                  |      |                          |      |               |     |                            |      | 0.563       | 14.30 | 2.20        | 0.039 | 0.210        | 5.33 | E           | J              | L             |
| CI 008A 09                        |                  |      |                          |      |               |     |                            |      | 0.625       | 15.88 | 2.00        | 0.036 | 0.243        | 6.17 | E           | J              | L             |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |               |     |                            |      |             |       |             |       |              |      |             |                |               |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

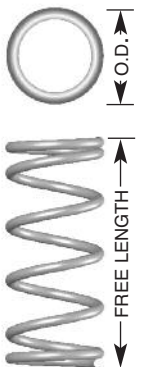
**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

COMPRESSION SPRINGS



# COMPRESSION SPRINGS: INSTRUMENT SERIES (INCH)

ENDS NOT GROUND • Music Wire (Plated\*\*), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH                       |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |       |      |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|------|-----------------------------------|-------|-------------|-------|--------------|------|-------------|-------|------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.                               | MM    | LB/IN.      | KG/MM | IN.          | MM   | M           | S     | S316 |
| CI 007AB 01      | .063             | 1.59 | .078                     | 1.98 | .007          | .18 | .426                       | .193 | 0.125                             | 3.18  | 5.48        | 0.098 | 0.047        | 1.20 | E           | J     | L    |
| CI 007AB 02      |                  |      |                          |      |               |     |                            |      | 0.188                             | 4.78  | 3.41        | 0.061 | 0.063        | 1.60 | E           | J     | L    |
| CI 007AB 03      |                  |      |                          |      |               |     |                            |      | 0.250                             | 6.35  | 2.49        | 0.044 | 0.079        | 2.00 | E           | J     | L    |
| CI 007AB 04      |                  |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 1.95        | 0.035 | 0.095        | 2.40 | E           | J     | L    |
| CI 007AB 05      |                  |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 1.66        | 0.030 | 0.110        | 2.80 | E           | J     | L    |
| CI 007AB 06      |                  |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 1.37        | 0.024 | 0.126        | 3.20 | E           | J     | L    |
| CI 007AB 07      |                  |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 1.19        | 0.021 | 0.142        | 3.60 | E           | J     | L    |
| CI 007AB 08      |                  |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 1.05        | 0.019 | 0.158        | 4.00 | E           | J     | L    |
| CI 007AB 09      |                  |      |                          |      |               |     |                            |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |             |       |              |      | 0.625       | 15.88 | 0.94 |
| CI 008AB 01      | .063             | 1.59 | .078                     | 1.98 | .008          | .20 | .854                       | .387 | 0.125                             | 3.18  | 11.55       | 0.206 | 0.051        | 1.30 | E           | J     | L    |
| CI 008AB 02      |                  |      |                          |      |               |     |                            |      | 0.188                             | 4.78  | 7.11        | 0.127 | 0.068        | 1.72 | E           | J     | L    |
| CI 008AB 03      |                  |      |                          |      |               |     |                            |      | 0.250                             | 6.35  | 5.16        | 0.092 | 0.084        | 2.13 | E           | J     | L    |
| CI 008AB 04      |                  |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 4.04        | 0.072 | 0.100        | 2.54 | E           | J     | L    |
| CI 008AB 05      |                  |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 3.32        | 0.059 | 0.116        | 2.95 | E           | J     | L    |
| CI 008AB 06      |                  |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 2.82        | 0.050 | 0.133        | 3.37 | E           | J     | L    |
| CI 008AB 07      |                  |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 2.45        | 0.044 | 0.149        | 3.78 | E           | J     | L    |
| CI 008AB 08      |                  |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 2.16        | 0.039 | 0.165        | 4.20 | E           | J     | L    |
| CI 008AB 09      |                  |      |                          |      |               |     |                            |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |             |       |              |      | 0.625       | 15.88 | 1.94 |
| CI 009AB 01      | .063             | 1.59 | .078                     | 1.98 | .009          | .23 | .939                       | .426 | 0.125                             | 3.18  | 15.32       | 0.274 | 0.064        | 1.62 | E           | J     | L    |
| CI 009AB 02      |                  |      |                          |      |               |     |                            |      | 0.188                             | 4.78  | 9.33        | 0.167 | 0.087        | 2.22 | E           | J     | L    |
| CI 009AB 03      |                  |      |                          |      |               |     |                            |      | 0.250                             | 6.35  | 6.73        | 0.120 | 0.111        | 2.81 | E           | J     | L    |
| CI 009AB 04      |                  |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 5.25        | 0.094 | 0.134        | 3.41 | E           | J     | L    |
| CI 009AB 05      |                  |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 4.31        | 0.077 | 0.157        | 4.00 | E           | J     | L    |
| CI 009AB 06      |                  |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 3.65        | 0.065 | 0.181        | 4.60 | E           | J     | L    |
| CI 009AB 07      |                  |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 3.17        | 0.057 | 0.204        | 5.19 | E           | J     | L    |
| CI 009AB 08      |                  |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 2.80        | 0.050 | 0.228        | 5.79 | E           | J     | L    |
| CI 009AB 09      |                  |      |                          |      |               |     |                            |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |             |       |              |      | 0.625       | 15.88 | 2.51 |
| CI 010AB 01      | .063             | 1.59 | .078                     | 1.98 | .010          | .25 | 1.312                      | .595 | 0.125                             | 3.18  | 24.42       | 0.436 | 0.071        | 1.81 | E           | J     | L    |
| CI 010AB 02      |                  |      |                          |      |               |     |                            |      | 0.188                             | 4.78  | 14.68       | 0.262 | 0.099        | 2.51 | E           | J     | L    |
| CI 010AB 03      |                  |      |                          |      |               |     |                            |      | 0.250                             | 6.35  | 10.54       | 0.188 | 0.126        | 3.19 | E           | J     | L    |
| CI 010AB 04      |                  |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 8.20        | 0.146 | 0.153        | 3.88 | E           | J     | L    |
| CI 010AB 05      |                  |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 6.72        | 0.120 | 0.180        | 4.57 | E           | J     | L    |
| CI 010AB 06      |                  |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 5.69        | 0.102 | 0.207        | 5.26 | E           | J     | L    |
| CI 010AB 07      |                  |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 4.94        | 0.088 | 0.234        | 5.95 | E           | J     | L    |
| CI 010AB 08      |                  |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 4.35        | 0.078 | 0.261        | 6.64 | E           | J     | L    |
| CI 010AB 09      |                  |      |                          |      |               |     |                            |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |             |       |              |      | 0.625       | 15.88 | 3.90 |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

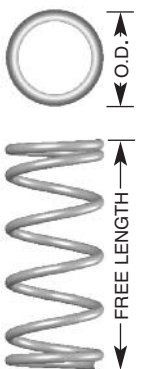
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (INCH)

ENDS NOT GROUND • Music Wire (Plated\*\*), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER                  | OUTSIDE DIAMETER                  |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH                       |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |       |       |       |       |      |   |   |   |
|-----------------------------------|-----------------------------------|-------|--------------------------|-------|---------------|------|----------------------------|------|-----------------------------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|-------|-------|-------|-------|------|---|---|---|
|                                   | IN.                               | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG   | IN.                               | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |       |       |       |       |      |   |   |   |
|                                   | IN.                               | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG   | IN.                               | MM    | LB/IN.      | KG/MM | IN.          | MM    | M           | S              | S316          |       |       |       |       |      |   |   |   |
| CI 008B 01                        | .088                              | 2.24  | .094                     | 2.38  | .008          | .20  | .450                       | .204 | 0.125                             | 3.18  | 5.50        | 0.098 | 0.042        | 1.07  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 008B 02                        |                                   |       |                          |       |               |      |                            |      | 0.188                             | 4.78  | 3.50        | 0.062 | 0.052        | 1.32  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 008B 03                        |                                   |       |                          |       |               |      |                            |      | 0.250                             | 6.35  | 2.40        | 0.043 | 0.064        | 1.62  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 008B 04                        |                                   |       |                          |       |               |      |                            |      | 0.313                             | 7.95  | 2.00        | 0.036 | 0.072        | 1.83  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 008B 05                        |                                   |       |                          |       |               |      |                            |      | 0.375                             | 9.53  | 1.40        | 0.025 | 0.092        | 2.34  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 008B 06                        |                                   |       |                          |       |               |      |                            |      | 0.438                             | 11.13 | 1.30        | 0.023 | 0.096        | 2.44  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 008B 07                        |                                   |       |                          |       |               |      |                            |      | 0.500                             | 12.70 | 1.10        | 0.020 | 0.110        | 2.79  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 008B 08                        |                                   |       |                          |       |               |      |                            |      | 0.563                             | 14.30 | 1.00        | 0.018 | 0.120        | 3.05  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 008B 09                        |                                   |       |                          |       |               |      |                            |      | 0.625                             | 15.88 | 0.90        | 0.016 | 0.140        | 3.56  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 008B 10                        |                                   |       |                          |       |               |      |                            |      | 0.688                             | 17.48 | 0.84        | 0.015 | 0.143        | 3.63  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 008B 11                        |                                   |       |                          |       |               |      |                            |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |             |       |              |       |             |                | 0.750         | 19.05 | 0.77  | 0.014 | 0.154 | 3.91 | E | J | L |
| CI 010B 01                        |                                   |       |                          |       |               |      |                            |      | .088                              | 2.24  | .094        | 2.38  | .010         | .25   | .800        | .363           | 0.125         | 3.18  | 12.70 | 0.227 | 0.055 | 1.40 | E | J | L |
| CI 010B 02                        | 0.188                             | 4.78  | 7.00                     | 0.125 | 0.075         | 1.90 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 010B 03                        | 0.250                             | 6.35  | 5.20                     | 0.093 | 0.090         | 2.29 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 010B 04                        | 0.313                             | 7.95  | 4.00                     | 0.071 | 0.108         | 2.74 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 010B 05                        | 0.375                             | 9.53  | 3.30                     | 0.059 | 0.125         | 3.18 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 010B 06                        | 0.438                             | 11.13 | 2.90                     | 0.052 | 0.138         | 3.50 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 010B 07                        | 0.500                             | 12.70 | 2.50                     | 0.044 | 0.155         | 3.94 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 010B 08                        | 0.563                             | 14.30 | 2.20                     | 0.039 | 0.172         | 4.37 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 010B 09                        | 0.625                             | 15.88 | 1.80                     | 0.032 | 0.205         | 5.21 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 010B 10                        | 0.688                             | 17.45 | 1.70                     | 0.030 | 0.226         | 5.74 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 010B 11                        | 0.750                             | 19.05 | 1.60                     | 0.029 | 0.238         | 6.05 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 010B 12                        | 0.875                             | 22.23 | 1.45                     | 0.026 | 0.256         | 6.50 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 010B 13                        | **SEE NOTE ON PAGE 5 UNDER FINISH |       |                          |       |               |      |                            |      |                                   |       |             |       |              |       |             |                | 1.000         | 25.40 | 1.30  | 0.023 | 0.281 | 7.13 | E | J | L |
| CI 012B 01                        | .088                              | 2.24  | .094                     | 2.38  | .012          | .30  | 1.400                      | .635 |                                   |       |             |       |              |       |             |                | 0.125         | 3.18  | 26.00 | 0.464 | 0.069 | 1.75 | E | J | L |
| CI 012B 02                        |                                   |       |                          |       |               |      |                            |      | 0.188                             | 4.78  | 15.00       | 0.267 | 0.093        | 2.36  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 012B 03                        |                                   |       |                          |       |               |      |                            |      | 0.250                             | 6.35  | 11.00       | 0.196 | 0.114        | 2.90  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 012B 04                        |                                   |       |                          |       |               |      |                            |      | 0.313                             | 7.95  | 8.50        | 0.152 | 0.138        | 3.50  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 012B 05                        |                                   |       |                          |       |               |      |                            |      | 0.375                             | 9.53  | 6.70        | 0.120 | 0.162        | 4.11  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 012B 06                        |                                   |       |                          |       |               |      |                            |      | 0.438                             | 11.13 | 5.80        | 0.103 | 0.183        | 4.65  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 012B 07                        |                                   |       |                          |       |               |      |                            |      | 0.500                             | 12.70 | 5.00        | 0.089 | 0.204        | 5.18  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 012B 08                        |                                   |       |                          |       |               |      |                            |      | 0.563                             | 14.30 | 4.50        | 0.080 | 0.226        | 5.74  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 012B 09                        |                                   |       |                          |       |               |      |                            |      | 0.625                             | 15.88 | 3.90        | 0.070 | 0.250        | 6.35  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 012B 10                        |                                   |       |                          |       |               |      |                            |      | 0.750                             | 19.05 | 3.00        | 0.054 | 0.315        | 8.00  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 012B 11                        |                                   |       |                          |       |               |      |                            |      | 0.875                             | 22.23 | 2.80        | 0.049 | 0.355        | 9.02  | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 012B 12                        |                                   |       |                          |       |               |      |                            |      | 1.000                             | 25.40 | 2.40        | 0.043 | 0.403        | 10.23 | E           | J              | L             |       |       |       |       |      |   |   |   |
| CI 008BC 01                       |                                   |       |                          |       |               |      |                            |      | .094                              | 2.39  | .109        | 2.77  | .008         | .20   | .407        | .185           | 0.125         | 3.18  | 4.80  | 0.086 | 0.040 | 1.02 | E | J | L |
| CI 008BC 02                       | 0.188                             | 4.78  | 2.95                     | 0.053 | 0.050         | 1.27 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 008BC 03                       | 0.250                             | 6.35  | 2.14                     | 0.038 | 0.060         | 1.53 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 008BC 04                       | 0.313                             | 7.95  | 1.68                     | 0.030 | 0.070         | 1.78 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 008BC 05                       | 0.375                             | 9.53  | 1.38                     | 0.025 | 0.080         | 2.03 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 008BC 06                       | 0.438                             | 11.13 | 1.17                     | 0.021 | 0.090         | 2.29 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 008BC 07                       | 0.500                             | 12.70 | 1.02                     | 0.018 | 0.100         | 2.54 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| CI 008BC 08                       | **SEE NOTE ON PAGE 5 UNDER FINISH |       |                          |       |               |      |                            |      |                                   |       |             |       |              |       |             |                | 0.563         | 14.30 | 0.90  | 0.016 | 0.110 | 2.79 | E | J | L |
| CI 008BC 09                       | 0.625                             | 15.88 | 0.81                     | 0.014 | 0.120         | 3.05 | E                          | J    |                                   |       |             |       |              |       |             |                | L             |       |       |       |       |      |   |   |   |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                                   |       |                          |       |               |      |                            |      |                                   |       |             |       |              |       |             |                |               |       |       |       |       |      |   |   |   |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (INCH)

ENDS NOT GROUND • Music Wire (Plated\*\*), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER                  | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH                       |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |                |               |
|-----------------------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|------|-----------------------------------|-------|-------------|-------|--------------|------|-------------|----------------|---------------|
|                                   | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.                               | MM    | LB/IN.      | KG/MM | IN.          | MM   | Music Wire  | 302 Stainless* | 316 Stainless |
|                                   | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.                               | MM    | LB/IN.      | KG/MM | IN.          | MM   | M           | S              | S316          |
| CI 010BC 01                       | .094             | 2.39 | .109                     | 2.77 | .010          | .25 | .864                       | .392 | 0.125                             | 3.18  | 11.95       | 0.213 | 0.053        | 1.34 | E           | J              | L             |
| CI 010BC 02                       |                  |      |                          |      |               |     |                            |      | 0.188                             | 4.78  | 7.19        | 0.128 | 0.067        | 1.71 | E           | J              | L             |
| CI 010BC 03                       |                  |      |                          |      |               |     |                            |      | 0.250                             | 6.35  | 5.16        | 0.092 | 0.081        | 2.07 | E           | J              | L             |
| CI 010BC 04                       |                  |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 4.05        | 0.072 | 0.095        | 2.42 | E           | J              | L             |
| CI 010BC 05                       |                  |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 3.35        | 0.060 | 0.109        | 2.76 | E           | J              | L             |
| CI 010BC 06                       |                  |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 2.86        | 0.051 | 0.122        | 3.10 | E           | J              | L             |
| CI 010BC 07                       |                  |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 2.51        | 0.045 | 0.135        | 3.43 | E           | J              | L             |
| CI 010BC 08                       |                  |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 2.21        | 0.039 | 0.149        | 3.78 | E           | J              | L             |
| CI 010BC 09                       |                  |      |                          |      |               |     |                            |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |             |       |              |      | 0.625       | 15.88          | 1.98          |
| CI 012BC 01                       | .094             | 2.39 | .109                     | 2.77 | .012          | .30 | 1.526                      | .692 | 0.125                             | 3.18  | 25.28       | 0.451 | 0.065        | 1.64 | E           | J              | L             |
| CI 012BC 02                       |                  |      |                          |      |               |     |                            |      | 0.188                             | 4.78  | 14.80       | 0.264 | 0.084        | 2.14 | E           | J              | L             |
| CI 012BC 03                       |                  |      |                          |      |               |     |                            |      | 0.250                             | 6.35  | 10.61       | 0.189 | 0.103        | 2.63 | E           | J              | L             |
| CI 012BC 04                       |                  |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 8.20        | 0.146 | 0.123        | 3.12 | E           | J              | L             |
| CI 012BC 05                       |                  |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 6.70        | 0.120 | 0.142        | 3.61 | E           | J              | L             |
| CI 012BC 06                       |                  |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 5.65        | 0.101 | 0.162        | 4.11 | E           | J              | L             |
| CI 012BC 07                       |                  |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 4.89        | 0.087 | 0.181        | 4.59 | E           | J              | L             |
| CI 012BC 08                       |                  |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 4.31        | 0.077 | 0.200        | 5.09 | E           | J              | L             |
| CI 012BC 09                       |                  |      |                          |      |               |     |                            |      | 0.625                             | 15.88 | 3.86        | 0.069 | 0.220        | 5.58 | E           | J              | L             |
| CI 012BC 10                       |                  |      |                          |      |               |     |                            |      | 0.688                             | 17.48 | 3.48        | 0.062 | 0.239        | 6.07 | E           | J              | L             |
| CI 012BC 11                       |                  |      |                          |      |               |     |                            |      | 0.750                             | 19.05 | 3.14        | 0.056 | 0.261        | 6.63 | E           | J              | L             |
| CI 012BC 12                       |                  |      |                          |      |               |     |                            |      | 0.875                             | 22.23 | 2.67        | 0.048 | 0.300        | 7.63 | E           | J              | L             |
| CI 012BC 13                       |                  |      |                          |      |               |     |                            |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |             |       |              |      | 1.000       | 25.40          | 2.33          |
| CI 008C 01                        | .102             | 2.59 | .109                     | 2.77 | .008          | .20 | .372                       | .169 | 0.250                             | 6.35  | 1.91        | 0.034 | 0.055        | 1.40 | E           | J              | L             |
| CI 008C 02                        |                  |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 1.49        | 0.027 | 0.064        | 1.62 | E           | J              | L             |
| CI 008C 03                        |                  |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 1.23        | 0.022 | 0.072        | 1.83 | E           | J              | L             |
| CI 008C 04                        |                  |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 1.04        | 0.019 | 0.081        | 2.05 | E           | J              | L             |
| CI 008C 05                        |                  |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 0.91        | 0.016 | 0.089        | 2.27 | E           | J              | L             |
| CI 008C 06                        |                  |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 0.80        | 0.014 | 0.098        | 2.49 | E           | J              | L             |
| CI 008C 07                        |                  |      |                          |      |               |     |                            |      | 0.625                             | 15.88 | 0.72        | 0.013 | 0.106        | 2.70 | E           | J              | L             |
| CI 008C 08                        |                  |      |                          |      |               |     |                            |      | 0.750                             | 19.05 | 0.59        | 0.011 | 0.124        | 3.14 | E           | J              | L             |
| CI 008C 09                        |                  |      |                          |      |               |     |                            |      | 0.875                             | 22.23 | 0.51        | 0.009 | 0.141        | 3.57 | E           | J              | L             |
| CI 008C 10                        |                  |      |                          |      |               |     |                            |      | 1.000                             | 25.40 | 0.44        | 0.008 | 0.158        | 4.01 | E           | J              | L             |
| CI 010C 01                        | .102             | 2.59 | .109                     | 2.77 | .010          | .25 | .700                       | .320 | 0.250                             | 6.35  | 4.10        | 0.073 | 0.080        | 2.02 | E           | J              | L             |
| CI 010C 02                        |                  |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 3.20        | 0.057 | 0.094        | 2.38 | E           | J              | L             |
| CI 010C 03                        |                  |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 2.60        | 0.046 | 0.107        | 2.73 | E           | J              | L             |
| CI 010C 04                        |                  |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 2.20        | 0.039 | 0.121        | 3.08 | E           | J              | L             |
| CI 010C 05                        |                  |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 1.90        | 0.034 | 0.135        | 3.43 | E           | J              | L             |
| CI 010C 06                        |                  |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 1.70        | 0.030 | 0.149        | 3.78 | E           | J              | L             |
| CI 010C 07                        |                  |      |                          |      |               |     |                            |      | 0.625                             | 15.88 | 1.50        | 0.027 | 0.163        | 4.13 | E           | J              | L             |
| CI 010C 08                        |                  |      |                          |      |               |     |                            |      | 0.750                             | 19.05 | 1.20        | 0.022 | 0.190        | 4.84 | E           | J              | L             |
| CI 010C 09                        |                  |      |                          |      |               |     |                            |      | 0.875                             | 22.23 | 1.10        | 0.019 | 0.218        | 5.54 | E           | J              | L             |
| CI 010C 10                        |                  |      |                          |      |               |     |                            |      | 1.000                             | 25.40 | 0.90        | 0.016 | 0.246        | 6.24 | E           | J              | L             |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |               |     |                            |      |                                   |       |             |       |              |      |             |                |               |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

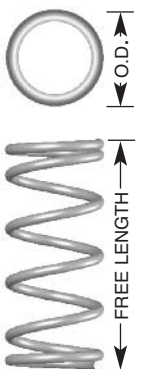
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (INCH)

ENDS NOT GROUND • Music Wire (Plated\*\*), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER                  | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH                       |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |      |   |   |   |
|-----------------------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|------|-----------------------------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|------|---|---|---|
|                                   | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.                               | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |      |   |   |   |
|                                   | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.                               | MM    | LB/IN.      | KG/MM | IN.          | MM    | M           | S              | S316          |      |   |   |   |
| CI 011C 01                        | .102             | 2.59 | .109                     | 2.77 | .011          | .28 | 1.000                      | .453 | 0.250                             | 6.35  | 6.10        | 0.109 | 0.088        | 2.23  | E           | J              | L             |      |   |   |   |
| CI 011C 02                        |                  |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 4.70        | 0.084 | 0.104        | 2.63  | E           | J              | L             |      |   |   |   |
| CI 011C 03                        |                  |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 3.90        | 0.069 | 0.119        | 3.03  | E           | J              | L             |      |   |   |   |
| CI 011C 04                        |                  |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 3.30        | 0.058 | 0.135        | 3.43  | E           | J              | L             |      |   |   |   |
| CI 011C 05                        |                  |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 2.80        | 0.050 | 0.150        | 3.82  | E           | J              | L             |      |   |   |   |
| CI 011C 06                        |                  |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 2.50        | 0.044 | 0.166        | 4.22  | E           | J              | L             |      |   |   |   |
| CI 011C 07                        |                  |      |                          |      |               |     |                            |      | 0.625                             | 15.88 | 2.20        | 0.040 | 0.182        | 4.61  | E           | J              | L             |      |   |   |   |
| CI 011C 08                        |                  |      |                          |      |               |     |                            |      | 0.750                             | 19.05 | 1.80        | 0.033 | 0.213        | 5.41  | E           | J              | L             |      |   |   |   |
| CI 011C 09                        |                  |      |                          |      |               |     |                            |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |             |       | 0.875        | 22.23 | 1.60        | 0.028          | 0.244         | 6.20 | E | J | L |
| CI 011C 10                        |                  |      |                          |      |               |     |                            |      | 1.000                             | 25.40 | 1.40        | 0.024 | 0.275        | 7.00  | E           | J              | L             |      |   |   |   |
| CI 012C 01                        | .102             | 2.59 | .109                     | 2.77 | .012          | .30 | 1.250                      | .570 | 0.250                             | 6.35  | 8.50        | 0.152 | 0.101        | 2.57  | E           | J              | L             |      |   |   |   |
| CI 012C 02                        |                  |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 6.30        | 0.113 | 0.120        | 3.05  | E           | J              | L             |      |   |   |   |
| CI 012C 03                        |                  |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 5.20        | 0.093 | 0.139        | 3.53  | E           | J              | L             |      |   |   |   |
| CI 012C 04                        |                  |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 4.40        | 0.078 | 0.158        | 4.01  | E           | J              | L             |      |   |   |   |
| CI 012C 05                        |                  |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 3.80        | 0.068 | 0.176        | 4.48  | E           | J              | L             |      |   |   |   |
| CI 012C 06                        |                  |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 3.30        | 0.060 | 0.195        | 4.96  | E           | J              | L             |      |   |   |   |
| CI 012C 07                        |                  |      |                          |      |               |     |                            |      | 0.625                             | 15.88 | 3.00        | 0.053 | 0.214        | 5.43  | E           | J              | L             |      |   |   |   |
| CI 012C 08                        |                  |      |                          |      |               |     |                            |      | 0.750                             | 19.05 | 2.50        | 0.044 | 0.251        | 6.38  | E           | J              | L             |      |   |   |   |
| CI 012C 09                        |                  |      |                          |      |               |     |                            |      | 0.875                             | 22.23 | 2.10        | 0.037 | 0.289        | 7.34  | E           | J              | L             |      |   |   |   |
| CI 012C 10                        |                  |      |                          |      |               |     |                            |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |             |       | 1.000        | 25.40 | 1.80        | 0.033          | 0.326         | 8.29 | E | J | L |
| CI 010D 01                        | .120             | 3.05 | .125                     | 3.18 | .010          | .25 | .600                       | .270 | 0.250                             | 6.35  | 3.20        | 0.058 | 0.067        | 1.70  | E           | J              | L             |      |   |   |   |
| CI 010D 02                        |                  |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 2.50        | 0.045 | 0.077        | 1.96  | E           | J              | L             |      |   |   |   |
| CI 010D 03                        |                  |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 2.10        | 0.037 | 0.087        | 2.22  | E           | J              | L             |      |   |   |   |
| CI 010D 04                        |                  |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 1.70        | 0.031 | 0.098        | 2.48  | E           | J              | L             |      |   |   |   |
| CI 010D 05                        |                  |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 1.50        | 0.027 | 0.108        | 2.74  | E           | J              | L             |      |   |   |   |
| CI 010D 06                        |                  |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 1.30        | 0.024 | 0.118        | 3.00  | E           | J              | L             |      |   |   |   |
| CI 010D 07                        |                  |      |                          |      |               |     |                            |      | 0.625                             | 15.88 | 1.20        | 0.021 | 0.128        | 3.26  | E           | J              | L             |      |   |   |   |
| CI 010D 08                        |                  |      |                          |      |               |     |                            |      | 0.750                             | 19.05 | 1.00        | 0.018 | 0.149        | 3.77  | E           | J              | L             |      |   |   |   |
| CI 010D 09                        |                  |      |                          |      |               |     |                            |      | 0.875                             | 22.23 | 0.80        | 0.015 | 0.169        | 4.29  | E           | J              | L             |      |   |   |   |
| CI 010D 10                        |                  |      |                          |      |               |     |                            |      | 1.000                             | 25.40 | 0.70        | 0.013 | 0.189        | 4.81  | E           | J              | L             |      |   |   |   |
| CI 010D 11                        |                  |      |                          |      |               |     |                            |      | 1.125                             | 28.58 | 0.65        | 0.012 | 0.209        | 5.32  | E           | J              | L             |      |   |   |   |
| CI 010D 12                        |                  |      |                          |      |               |     |                            |      | 1.250                             | 31.75 | 0.58        | 0.010 | 0.231        | 5.87  | E           | J              | L             |      |   |   |   |
| CI 010D 13                        |                  |      |                          |      |               |     |                            |      | 1.500                             | 38.10 | 0.48        | 0.009 | 0.273        | 6.93  | E           | J              | L             |      |   |   |   |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |               |     |                            |      |                                   |       |             |       |              |       |             |                |               |      |   |   |   |
| CI 011D 01                        | .120             | 3.05 | .125                     | 3.18 | .011          | .28 | .850                       | .385 | 0.250                             | 6.35  | 4.80        | 0.085 | 0.074        | 1.88  | E           | J              | L             |      |   |   |   |
| CI 011D 02                        |                  |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 3.70        | 0.066 | 0.086        | 2.17  | E           | J              | L             |      |   |   |   |
| CI 011D 03                        |                  |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 3.00        | 0.054 | 0.097        | 2.47  | E           | J              | L             |      |   |   |   |
| CI 011D 04                        |                  |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 2.60        | 0.046 | 0.109        | 2.76  | E           | J              | L             |      |   |   |   |
| CI 011D 05                        |                  |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 2.20        | 0.040 | 0.120        | 3.05  | E           | J              | L             |      |   |   |   |
| CI 011D 06                        |                  |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 2.00        | 0.035 | 0.132        | 3.35  | E           | J              | L             |      |   |   |   |
| CI 011D 07                        |                  |      |                          |      |               |     |                            |      | 0.625                             | 15.88 | 1.80        | 0.031 | 0.143        | 3.64  | E           | J              | L             |      |   |   |   |
| CI 011D 08                        |                  |      |                          |      |               |     |                            |      | 0.750                             | 19.05 | 1.40        | 0.026 | 0.167        | 4.23  | E           | J              | L             |      |   |   |   |
| CI 011D 09                        |                  |      |                          |      |               |     |                            |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |             |       | 0.875        | 22.23 | 1.20        | 0.022          | 0.190         | 4.82 | E | J | L |
| CI 011D 10                        |                  |      |                          |      |               |     |                            |      | 1.000                             | 25.40 | 1.10        | 0.019 | 0.213        | 5.41  | E           | J              | L             |      |   |   |   |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (INCH)

ENDS NOT GROUND • Music Wire (Plated\*\*), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER                  |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH                       |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |                |               |
|------------------|-----------------------------------|------|--------------------------|------|---------------|-----|----------------------------|------|-----------------------------------|-------|-------------|-------|--------------|------|-------------|----------------|---------------|
|                  | IN.                               | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.                               | MM    | LB/IN.      | KG/MM | IN.          | MM   | Music Wire  | 302 Stainless* | 316 Stainless |
|                  |                                   |      |                          |      |               |     |                            |      |                                   |       |             |       |              |      | M           | S              | S316          |
| CI 012D 01       | .120                              | 3.05 | .125                     | 3.18 | .012          | .30 | 1.100                      | .500 | 0.250                             | 6.35  | 6.50        | 0.117 | 0.084        | 2.13 | E           | J              | L             |
| CI 012D 02       |                                   |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 5.10        | 0.090 | 0.097        | 2.48 | E           | J              | L             |
| CI 012D 03       |                                   |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 4.10        | 0.074 | 0.111        | 2.82 | E           | J              | L             |
| CI 012D 04       |                                   |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 3.50        | 0.062 | 0.125        | 3.17 | E           | J              | L             |
| CI 012D 05       |                                   |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 3.00        | 0.054 | 0.138        | 3.51 | E           | J              | L             |
| CI 012D 06       |                                   |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 2.70        | 0.047 | 0.152        | 3.86 | E           | J              | L             |
| CI 012D 07       |                                   |      |                          |      |               |     |                            |      | 0.625                             | 15.88 | 2.40        | 0.042 | 0.165        | 4.20 | E           | J              | L             |
| CI 012D 7A       |                                   |      |                          |      |               |     |                            |      | 0.688                             | 17.48 | 2.10        | 0.038 | 0.182        | 4.63 | E           | J              | L             |
| CI 012D 08       |                                   |      |                          |      |               |     |                            |      | 0.750                             | 19.05 | 2.00        | 0.035 | 0.193        | 4.90 | E           | J              | L             |
| CI 012D 8A       |                                   |      |                          |      |               |     |                            |      | 0.813                             | 20.65 | 1.80        | 0.032 | 0.207        | 5.25 | E           | J              | L             |
| CI 012D 09       |                                   |      |                          |      |               |     |                            |      | 0.875                             | 22.23 | 1.70        | 0.030 | 0.220        | 5.59 | E           | J              | L             |
| CI 012D 9A       |                                   |      |                          |      |               |     |                            |      | 0.938                             | 23.83 | 1.50        | 0.027 | 0.241        | 6.11 | E           | J              | L             |
| CI 012D 10       |                                   |      |                          |      |               |     |                            |      | 1.000                             | 25.40 | 1.50        | 0.026 | 0.247        | 6.28 | E           | J              | L             |
| CI 012D 11       | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                          |      |               |     |                            |      | 1.125                             | 28.58 | 1.30        | 0.023 | 0.272        | 6.90 | E           | J              | L             |
| CI 012D 12       | .120                              | 3.05 | .125                     | 3.18 | .012          | .30 | 1.100                      | .500 | 1.250                             | 31.75 | 1.20        | 0.021 | 0.291        | 7.40 | E           | J              | L             |
| CI 012D 13       |                                   |      |                          |      |               |     |                            |      | 1.500                             | 38.10 | 1.00        | 0.018 | 0.342        | 8.69 | E           | J              | L             |
| CI 010DE 01      |                                   |      |                          |      |               |     |                            |      | 0.250                             | 6.35  | 2.20        | 0.039 | 0.052        | 1.32 | E           | J              | L             |
| CI 010DE 02      |                                   |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 1.71        | 0.031 | 0.058        | 1.48 | E           | J              | L             |
| CI 010DE 03      |                                   |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 1.40        | 0.025 | 0.064        | 1.63 | E           | J              | L             |
| CI 010DE 04      |                                   |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 1.19        | 0.021 | 0.071        | 1.79 | E           | J              | L             |
| CI 010DE 05      |                                   |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 1.03        | 0.018 | 0.077        | 1.95 | E           | J              | L             |
| CI 010DE 06      |                                   |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 0.91        | 0.016 | 0.083        | 2.11 | E           | J              | L             |
| CI 010DE 07      |                                   |      |                          |      |               |     |                            |      | 0.625                             | 15.88 | 0.81        | 0.014 | 0.089        | 2.27 | E           | J              | L             |
| CI 010DE 08      |                                   |      |                          |      |               |     |                            |      | 0.750                             | 19.05 | 0.67        | 0.012 | 0.102        | 2.58 | E           | J              | L             |
| CI 010DE 09      |                                   |      |                          |      |               |     |                            |      | 0.875                             | 22.23 | 0.57        | 0.010 | 0.114        | 2.90 | E           | J              | L             |
| CI 010DE 10      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                          |      |               |     |                            |      | 1.000                             | 25.40 | 0.50        | 0.009 | 0.127        | 3.21 | E           | J              | L             |
| CI 011DE 01      | .156                              | 3.96 | .172                     | 4.37 | .010          | .25 | .436                       | .198 | 0.250                             | 6.35  | 2.20        | 0.039 | 0.052        | 1.32 | E           | J              | L             |
| CI 011DE 02      |                                   |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 1.71        | 0.031 | 0.058        | 1.48 | E           | J              | L             |
| CI 011DE 03      |                                   |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 1.40        | 0.025 | 0.064        | 1.63 | E           | J              | L             |
| CI 011DE 04      |                                   |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 1.19        | 0.021 | 0.071        | 1.79 | E           | J              | L             |
| CI 011DE 05      |                                   |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 1.03        | 0.018 | 0.077        | 1.95 | E           | J              | L             |
| CI 011DE 06      |                                   |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 0.91        | 0.016 | 0.083        | 2.11 | E           | J              | L             |
| CI 011DE 07      |                                   |      |                          |      |               |     |                            |      | 0.625                             | 15.88 | 0.81        | 0.014 | 0.089        | 2.27 | E           | J              | L             |
| CI 011DE 08      |                                   |      |                          |      |               |     |                            |      | 0.750                             | 19.05 | 0.67        | 0.012 | 0.102        | 2.58 | E           | J              | L             |
| CI 011DE 09      |                                   |      |                          |      |               |     |                            |      | 0.875                             | 22.23 | 0.57        | 0.010 | 0.114        | 2.90 | E           | J              | L             |
| CI 011DE 10      |                                   |      |                          |      |               |     |                            |      | 1.000                             | 25.40 | 0.50        | 0.009 | 0.127        | 3.21 | E           | J              | L             |
| CI 011DE 01      | .156                              | 3.96 | .172                     | 4.37 | .011          | .28 | .583                       | .265 | 0.250                             | 6.35  | 3.08        | 0.055 | 0.061        | 1.54 | E           | J              | L             |
| CI 011DE 02      |                                   |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 2.39        | 0.043 | 0.068        | 1.73 | E           | J              | L             |
| CI 011DE 03      |                                   |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 1.95        | 0.035 | 0.076        | 1.93 | E           | J              | L             |
| CI 011DE 04      |                                   |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 1.65        | 0.029 | 0.083        | 2.12 | E           | J              | L             |
| CI 011DE 05      |                                   |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 1.43        | 0.026 | 0.091        | 2.31 | E           | J              | L             |
| CI 011DE 06      |                                   |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 1.26        | 0.023 | 0.099        | 2.51 | E           | J              | L             |
| CI 011DE 07      |                                   |      |                          |      |               |     |                            |      | 0.625                             | 15.88 | 1.13        | 0.020 | 0.106        | 2.70 | E           | J              | L             |
| CI 011DE 08      |                                   |      |                          |      |               |     |                            |      | 0.750                             | 19.05 | 0.93        | 0.017 | 0.122        | 3.09 | E           | J              | L             |
| CI 011DE 09      |                                   |      |                          |      |               |     |                            |      | 0.875                             | 22.23 | 0.79        | 0.014 | 0.137        | 3.48 | E           | J              | L             |
| CI 011DE 10      |                                   |      |                          |      |               |     |                            |      | 1.000                             | 25.40 | 0.69        | 0.012 | 0.152        | 3.86 | E           | J              | L             |
| CI 012DE 01      | .156                              | 3.96 | .172                     | 4.37 | .012          | .30 | .764                       | .346 | 0.250                             | 6.35  | 4.15        | 0.074 | 0.066        | 1.68 | E           | J              | L             |
| CI 012DE 02      |                                   |      |                          |      |               |     |                            |      | 0.313                             | 7.95  | 3.21        | 0.057 | 0.075        | 1.90 | E           | J              | L             |
| CI 012DE 03      |                                   |      |                          |      |               |     |                            |      | 0.375                             | 9.53  | 2.62        | 0.047 | 0.084        | 2.13 | E           | J              | L             |
| CI 012DE 04      |                                   |      |                          |      |               |     |                            |      | 0.438                             | 11.13 | 2.21        | 0.039 | 0.093        | 2.35 | E           | J              | L             |
| CI 012DE 05      |                                   |      |                          |      |               |     |                            |      | 0.500                             | 12.70 | 1.92        | 0.034 | 0.101        | 2.57 | E           | J              | L             |
| CI 012DE 06      |                                   |      |                          |      |               |     |                            |      | 0.563                             | 14.30 | 1.69        | 0.030 | 0.110        | 2.80 | E           | J              | L             |
| CI 012DE 07      |                                   |      |                          |      |               |     |                            |      | 0.625                             | 15.88 | 1.51        | 0.027 | 0.119        | 3.02 | E           | J              | L             |
| CI 012DE 08      |                                   |      |                          |      |               |     |                            |      | 0.750                             | 19.05 | 1.24        | 0.022 | 0.136        | 3.46 | E           | J              | L             |
| CI 012DE 09      |                                   |      |                          |      |               |     |                            |      | 0.875                             | 22.23 | 1.06        | 0.019 | 0.154        | 3.91 | E           | J              | L             |
| CI 012DE 10      |                                   |      |                          |      |               |     |                            |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |             |       |              |      |             |                | 1.000         |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

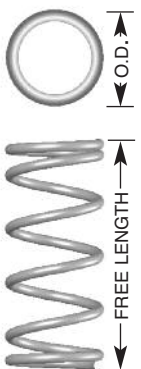
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (INCH)

ENDS NOT GROUND • Music Wire (Plated\*\*), 302 Stainless Steel\* (Passivated), or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER                  | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |   |      |
|-----------------------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|------|-------------|---|------|
|                                   | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.         | MM    | LB./IN.     | KG/MM | IN.          | MM   | M           | S | S316 |
| CI 013DE 01                       |                  |      |                          |      |               |     |                            |      | 0.250       | 6.35  | 5.49        | 0.098 | 0.074        | 1.87 | E           | J | L    |
| CI 013DE 02                       |                  |      |                          |      |               |     |                            |      | 0.375       | 9.53  | 3.45        | 0.062 | 0.094        | 2.39 | E           | J | L    |
| CI 013DE 03                       | .156             | 3.96 | .172                     | 4.37 | .013          | .33 | .968                       | .439 | 0.500       | 12.70 | 2.51        | 0.045 | 0.115        | 2.92 | E           | J | L    |
| CI 013DE 04                       |                  |      |                          |      |               |     |                            |      | 0.625       | 15.88 | 1.98        | 0.035 | 0.135        | 3.44 | E           | J | L    |
| CI 013DE 05                       |                  |      |                          |      |               |     |                            |      | 0.750       | 19.05 | 1.63        | 0.029 | 0.156        | 3.96 | E           | J | L    |
| CI 013DE 06                       |                  |      |                          |      |               |     |                            |      | 1.000       | 25.40 | 1.21        | 0.022 | 0.197        | 5.00 | E           | J | L    |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |               |     |                            |      |             |       |             |       |              |      |             |   |      |
| CI 010E 01                        |                  |      |                          |      |               |     |                            |      | 0.250       | 6.35  | 1.97        | 0.035 | 0.046        | 1.16 | E           | J | L    |
| CI 010E 02                        |                  |      |                          |      |               |     |                            |      | 0.313       | 7.95  | 1.53        | 0.027 | 0.050        | 1.27 | E           | J | L    |
| CI 010E 03                        |                  |      |                          |      |               |     |                            |      | 0.375       | 9.53  | 1.26        | 0.022 | 0.054        | 1.38 | E           | J | L    |
| CI 010E 04                        |                  |      |                          |      |               |     |                            |      | 0.438       | 11.13 | 1.06        | 0.019 | 0.059        | 1.49 | E           | J | L    |
| CI 010E 05                        |                  |      |                          |      |               |     |                            |      | 0.500       | 12.70 | 0.92        | 0.016 | 0.063        | 1.60 | E           | J | L    |
| CI 010E 06                        | .180             | 4.57 | .188                     | 4.78 | .010          | .25 | .402                       | .182 | 0.563       | 14.30 | 0.81        | 0.015 | 0.068        | 1.72 | E           | J | L    |
| CI 010E 07                        |                  |      |                          |      |               |     |                            |      | 0.625       | 15.88 | 0.73        | 0.013 | 0.072        | 1.83 | E           | J | L    |
| CI 010E 08                        |                  |      |                          |      |               |     |                            |      | 0.750       | 19.05 | 0.60        | 0.011 | 0.081        | 2.05 | E           | J | L    |
| CI 010E 09                        |                  |      |                          |      |               |     |                            |      | 0.875       | 22.23 | 0.51        | 0.009 | 0.090        | 2.28 | E           | J | L    |
| CI 010E 10                        |                  |      |                          |      |               |     |                            |      | 1.000       | 25.40 | 0.45        | 0.008 | 0.098        | 2.50 | E           | J | L    |
| CI 010E 11                        |                  |      |                          |      |               |     |                            |      | 1.250       | 31.75 | 0.36        | 0.006 | 0.116        | 2.95 | E           | J | L    |
| CI 010E 12                        |                  |      |                          |      |               |     |                            |      | 1.500       | 38.10 | 0.29        | 0.005 | 0.134        | 3.40 | E           | J | L    |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |               |     |                            |      |             |       |             |       |              |      |             |   |      |
| CI 012E 01                        |                  |      |                          |      |               |     |                            |      | 0.250       | 6.35  | 3.60        | 0.064 | 0.060        | 1.51 | E           | J | L    |
| CI 012E 02                        |                  |      |                          |      |               |     |                            |      | 0.313       | 7.95  | 2.80        | 0.050 | 0.066        | 1.68 | E           | J | L    |
| CI 012E 03                        |                  |      |                          |      |               |     |                            |      | 0.375       | 9.53  | 2.30        | 0.041 | 0.073        | 1.85 | E           | J | L    |
| CI 012E 04                        |                  |      |                          |      |               |     |                            |      | 0.438       | 11.13 | 1.90        | 0.034 | 0.079        | 2.02 | E           | J | L    |
| CI 012E 05                        |                  |      |                          |      |               |     |                            |      | 0.500       | 12.70 | 1.70        | 0.030 | 0.086        | 2.18 | E           | J | L    |
| CI 012E 06                        | .180             | 4.57 | .188                     | 4.78 | .012          | .30 | .690                       | .313 | 0.563       | 14.30 | 1.50        | 0.026 | 0.092        | 2.35 | E           | J | L    |
| CI 012E 07                        |                  |      |                          |      |               |     |                            |      | 0.625       | 15.88 | 1.30        | 0.023 | 0.099        | 2.52 | E           | J | L    |
| CI 012E 08                        |                  |      |                          |      |               |     |                            |      | 0.750       | 19.05 | 1.10        | 0.019 | 0.112        | 2.85 | E           | J | L    |
| CI 012E 09                        |                  |      |                          |      |               |     |                            |      | 0.875       | 22.23 | 0.90        | 0.016 | 0.125        | 3.18 | E           | J | L    |
| CI 012E 10                        |                  |      |                          |      |               |     |                            |      | 1.000       | 25.40 | 0.80        | 0.014 | 0.139        | 3.52 | E           | J | L    |
| CI 012E 11                        |                  |      |                          |      |               |     |                            |      | 1.250       | 31.75 | 0.60        | 0.011 | 0.165        | 4.19 | E           | J | L    |
| CI 012E 12                        |                  |      |                          |      |               |     |                            |      | 1.500       | 38.10 | 0.50        | 0.009 | 0.191        | 4.86 | E           | J | L    |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |               |     |                            |      |             |       |             |       |              |      |             |   |      |
| CI 013E 01                        |                  |      |                          |      |               |     |                            |      | 0.250       | 6.35  | 4.60        | 0.082 | 0.067        | 1.70 | E           | J | L    |
| CI 013E 02                        |                  |      |                          |      |               |     |                            |      | 0.313       | 7.95  | 3.50        | 0.063 | 0.075        | 1.90 | E           | J | L    |
| CI 013E 03                        |                  |      |                          |      |               |     |                            |      | 0.375       | 9.53  | 2.90        | 0.051 | 0.083        | 2.10 | E           | J | L    |
| CI 013E 04                        |                  |      |                          |      |               |     |                            |      | 0.438       | 11.13 | 2.40        | 0.043 | 0.091        | 2.31 | E           | J | L    |
| CI 013E 05                        |                  |      |                          |      |               |     |                            |      | 0.500       | 12.70 | 2.10        | 0.038 | 0.099        | 2.51 | E           | J | L    |
| CI 013E 06                        | .180             | 4.57 | .188                     | 4.78 | .013          | .33 | .850                       | .385 | 0.563       | 14.30 | 1.90        | 0.033 | 0.107        | 2.71 | E           | J | L    |
| CI 013E 07                        |                  |      |                          |      |               |     |                            |      | 0.625       | 15.88 | 1.70        | 0.030 | 0.115        | 2.91 | E           | J | L    |
| CI 013E 08                        |                  |      |                          |      |               |     |                            |      | 0.750       | 19.05 | 1.40        | 0.024 | 0.130        | 3.31 | E           | J | L    |
| CI 013E 09                        |                  |      |                          |      |               |     |                            |      | 0.875       | 22.23 | 1.20        | 0.021 | 0.146        | 3.72 | E           | J | L    |
| CI 013E 10                        |                  |      |                          |      |               |     |                            |      | 1.000       | 25.40 | 1.00        | 0.018 | 0.162        | 4.12 | E           | J | L    |
| CI 013E 11                        |                  |      |                          |      |               |     |                            |      | 1.250       | 31.75 | 0.80        | 0.014 | 0.194        | 4.93 | E           | J | L    |
| CI 013E 12                        |                  |      |                          |      |               |     |                            |      | 1.500       | 38.10 | 0.70        | 0.012 | 0.226        | 5.73 | E           | J | L    |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |               |     |                            |      |             |       |             |       |              |      |             |   |      |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (INCH)

ENDS NOT GROUND • Music Wire (Plated\*\*), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE<br>STOCK<br>NUMBER | OUTSIDE<br>DIAMETER |      | TO WORK<br>IN HOLE<br>DIAMETER |      | WIRE<br>DIAMETER |     | APPROX.<br>LOAD AT<br>SOLID HGT. |      | FREE<br>LENGTH                    |       | SPRING<br>RATE |       | SOLID<br>HEIGHT |      | PRICE GROUP   |                   |                  |       |       |       |      |   |   |   |
|------------------------|---------------------|------|--------------------------------|------|------------------|-----|----------------------------------|------|-----------------------------------|-------|----------------|-------|-----------------|------|---------------|-------------------|------------------|-------|-------|-------|------|---|---|---|
|                        | IN.                 | MM   | IN.                            | MM   | IN.              | MM  | LB.                              | KG   | IN.                               | MM    | LB/IN.         | KG/MM | IN.             | MM   | Music<br>Wire | 302<br>Stainless* | 316<br>Stainless |       |       |       |      |   |   |   |
|                        | IN.                 | MM   | IN.                            | MM   | IN.              | MM  | LB.                              | KG   | IN.                               | MM    | LB/IN.         | KG/MM | IN.             | MM   | M             | S                 | S316             |       |       |       |      |   |   |   |
| CI 010EF 01            | .188                | 4.78 | .203                           | 5.16 | .010             | .25 | .330                             | .150 | 0.250                             | 6.35  | 1.623          | 0.029 | 0.046           | 1.18 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 010EF 02            |                     |      |                                |      |                  |     |                                  |      | 0.313                             | 7.95  | 1.262          | 0.023 | 0.051           | 1.30 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 010EF 03            |                     |      |                                |      |                  |     |                                  |      | 0.375                             | 9.53  | 1.035          | 0.018 | 0.056           | 1.41 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 010EF 04            |                     |      |                                |      |                  |     |                                  |      | 0.438                             | 11.13 | 0.875          | 0.016 | 0.060           | 1.53 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 010EF 05            |                     |      |                                |      |                  |     |                                  |      | 0.500                             | 12.70 | 0.760          | 0.014 | 0.065           | 1.65 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 010EF 06            |                     |      |                                |      |                  |     |                                  |      | 0.563                             | 14.30 | 0.670          | 0.012 | 0.070           | 1.77 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 010EF 07            |                     |      |                                |      |                  |     |                                  |      | 0.625                             | 15.88 | 0.600          | 0.011 | 0.074           | 1.89 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 010EF 08            |                     |      |                                |      |                  |     |                                  |      | 0.750                             | 19.05 | 0.496          | 0.009 | 0.084           | 2.12 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 010EF 09            |                     |      |                                |      |                  |     |                                  |      | 0.875                             | 22.23 | 0.423          | 0.008 | 0.093           | 2.36 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 010EF 10            |                     |      |                                |      |                  |     |                                  |      | 1.000                             | 25.40 | 0.368          | 0.007 | 0.102           | 2.60 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 010EF 11            |                     |      |                                |      |                  |     |                                  |      | 1.250                             | 31.75 | 0.293          | 0.005 | 0.121           | 3.07 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 010EF 12            |                     |      |                                |      |                  |     |                                  |      | 1.375                             | 34.93 | 0.265          | 0.005 | 0.130           | 3.31 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 010EF 13            |                     |      |                                |      |                  |     |                                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |                |       |                 |      |               | 1.500             | 38.10            | 0.243 | 0.004 | 0.139 | 3.54 | E | J | L |
| CI 010EF 14            |                     |      |                                |      |                  |     |                                  |      |                                   |       |                |       |                 |      |               | 1.750             | 44.45            | 0.208 | 0.004 | 0.158 | 4.02 | E | J | L |
| CI 011EF 01            | .188                | 4.78 | .203                           | 5.16 | .011             | .28 | .363                             | .165 | 0.250                             | 6.35  | 1.873          | 0.033 | 0.056           | 1.43 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 011EF 02            |                     |      |                                |      |                  |     |                                  |      | 0.313                             | 7.95  | 1.453          | 0.026 | 0.063           | 1.60 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 011EF 03            |                     |      |                                |      |                  |     |                                  |      | 0.375                             | 9.53  | 1.193          | 0.021 | 0.070           | 1.77 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 011EF 04            |                     |      |                                |      |                  |     |                                  |      | 0.438                             | 11.13 | 1.007          | 0.018 | 0.076           | 1.94 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 011EF 05            |                     |      |                                |      |                  |     |                                  |      | 0.500                             | 12.70 | 0.875          | 0.016 | 0.083           | 2.10 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 011EF 06            |                     |      |                                |      |                  |     |                                  |      | 0.563                             | 14.30 | 0.771          | 0.014 | 0.090           | 2.27 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 011EF 07            |                     |      |                                |      |                  |     |                                  |      | 0.625                             | 15.88 | 0.691          | 0.012 | 0.096           | 2.44 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 011EF 08            |                     |      |                                |      |                  |     |                                  |      | 0.750                             | 19.05 | 0.571          | 0.010 | 0.109           | 2.78 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 011EF 09            |                     |      |                                |      |                  |     |                                  |      | 0.875                             | 22.23 | 0.486          | 0.009 | 0.123           | 3.11 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 011EF 10            |                     |      |                                |      |                  |     |                                  |      | 1.000                             | 25.40 | 0.424          | 0.008 | 0.136           | 3.45 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 011EF 11            |                     |      |                                |      |                  |     |                                  |      | 1.250                             | 31.75 | 0.337          | 0.006 | 0.162           | 4.12 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 011EF 12            |                     |      |                                |      |                  |     |                                  |      | 1.375                             | 34.93 | 0.305          | 0.005 | 0.176           | 4.46 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 011EF 13            |                     |      |                                |      |                  |     |                                  |      | 1.500                             | 38.10 | 0.279          | 0.005 | 0.189           | 4.80 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 011EF 14            |                     |      |                                |      |                  |     |                                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |                |       |                 |      |               | 1.750             | 44.45            | 0.239 | 0.004 | 0.215 | 5.47 | E | J | L |
| CI 012EF 01            | .188                | 4.78 | .203                           | 5.16 | .012             | .30 | .372                             | .169 | 0.250                             | 6.35  | 1.97           | 0.035 | 0.073           | 1.86 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 012EF 02            |                     |      |                                |      |                  |     |                                  |      | 0.313                             | 7.95  | 1.61           | 0.029 | 0.081           | 2.07 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 012EF 03            |                     |      |                                |      |                  |     |                                  |      | 0.375                             | 9.53  | 1.31           | 0.023 | 0.091           | 2.32 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 012EF 04            |                     |      |                                |      |                  |     |                                  |      | 0.438                             | 11.13 | 1.11           | 0.020 | 0.101           | 2.57 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 012EF 05            |                     |      |                                |      |                  |     |                                  |      | 0.500                             | 12.70 | 0.96           | 0.017 | 0.111           | 2.82 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 012EF 06            |                     |      |                                |      |                  |     |                                  |      | 0.563                             | 14.30 | 0.85           | 0.015 | 0.121           | 3.08 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 012EF 07            |                     |      |                                |      |                  |     |                                  |      | 0.625                             | 15.88 | 0.76           | 0.014 | 0.131           | 3.33 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 012EF 08            |                     |      |                                |      |                  |     |                                  |      | 0.750                             | 19.05 | 0.62           | 0.011 | 0.151           | 3.84 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 012EF 09            |                     |      |                                |      |                  |     |                                  |      | 0.875                             | 22.23 | 0.53           | 0.009 | 0.171           | 4.34 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 012EF 10            |                     |      |                                |      |                  |     |                                  |      | 1.000                             | 25.40 | 0.46           | 0.008 | 0.191           | 4.85 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 012EF 11            |                     |      |                                |      |                  |     |                                  |      | 1.250                             | 31.75 | 0.37           | 0.007 | 0.231           | 5.86 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 012EF 12            |                     |      |                                |      |                  |     |                                  |      | 1.375                             | 34.93 | 0.33           | 0.006 | 0.251           | 6.37 | E             | J                 | L                |       |       |       |      |   |   |   |
| CI 012EF 13            |                     |      |                                |      |                  |     |                                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |                |       |                 |      |               | 1.500             | 38.10            | 0.30  | 0.005 | 0.271 | 6.88 | E | J | L |
| CI 012EF 14            |                     |      |                                |      |                  |     |                                  |      |                                   |       |                |       |                 |      |               | 1.750             | 44.45            | 0.26  | 0.005 | 0.311 | 7.89 | E | J | L |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (INCH)

ENDS NOT GROUND • Music Wire (Plated\*\*), 302 Stainless Steel\* (Passivated), or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

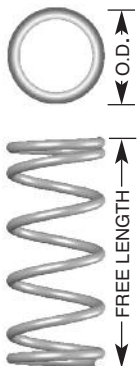
| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   | Music Wire  | 302 Stainless* | 316 Stainless |
| CI 013EF 01      |                  |      |                          |      |               |     |                            |      | 0.250       | 6.35  | 4.87        | 0.087 | 0.062        | 1.58 | E           | J              | L             |
| CI 013EF 02      |                  |      |                          |      |               |     |                            |      | 0.313       | 7.95  | 3.75        | 0.067 | 0.069        | 1.75 | E           | J              | L             |
| CI 013EF 03      |                  |      |                          |      |               |     |                            |      | 0.375       | 9.53  | 3.06        | 0.055 | 0.075        | 1.91 | E           | J              | L             |
| CI 013EF 04      |                  |      |                          |      |               |     |                            |      | 0.438       | 11.13 | 2.58        | 0.046 | 0.082        | 2.08 | E           | J              | L             |
| CI 013EF 05      |                  |      |                          |      |               |     |                            |      | 0.500       | 12.70 | 2.23        | 0.040 | 0.088        | 2.24 | E           | J              | L             |
| CI 013EF 06      | .188             | 4.78 | .203                     | 5.16 | .013          | .33 | .916                       | .415 | 0.563       | 14.30 | 1.96        | 0.035 | 0.095        | 2.41 | E           | J              | L             |
| CI 013EF 07      |                  |      |                          |      |               |     |                            |      | 0.625       | 15.88 | 1.75        | 0.031 | 0.101        | 2.57 | E           | J              | L             |
| CI 013EF 08      |                  |      |                          |      |               |     |                            |      | 0.750       | 19.05 | 1.45        | 0.026 | 0.114        | 2.90 | E           | J              | L             |
| CI 013EF 09      |                  |      |                          |      |               |     |                            |      | 0.875       | 22.23 | 1.23        | 0.022 | 0.127        | 3.23 | E           | J              | L             |
| CI 013EF 10      |                  |      |                          |      |               |     |                            |      | 1.000       | 25.40 | 1.07        | 0.019 | 0.140        | 3.56 | E           | J              | L             |
| CI 013EF 11      |                  |      |                          |      |               |     |                            |      | 1.250       | 31.75 | 0.85        | 0.015 | 0.166        | 4.22 | E           | J              | L             |
| CI 013EF 12      |                  |      |                          |      |               |     |                            |      | 1.375       | 34.93 | 0.77        | 0.014 | 0.179        | 4.55 | E           | J              | L             |
| CI 010EG 01      |                  |      |                          |      |               |     |                            |      | 0.250       | 6.35  | 1.189       | 0.021 | 0.044        | 1.12 | E           | J              | L             |
| CI 010EG 02      |                  |      |                          |      |               |     |                            |      | 0.313       | 7.95  | 0.924       | 0.017 | 0.048        | 1.22 | E           | J              | L             |
| CI 010EG 03      |                  |      |                          |      |               |     |                            |      | 0.375       | 9.53  | 0.758       | 0.014 | 0.052        | 1.32 | E           | J              | L             |
| CI 010EG 04      |                  |      |                          |      |               |     |                            |      | 0.438       | 11.13 | 0.641       | 0.011 | 0.056        | 1.42 | E           | J              | L             |
| CI 010EG 05      |                  |      |                          |      |               |     |                            |      | 0.500       | 12.70 | 0.556       | 0.010 | 0.060        | 1.52 | E           | J              | L             |
| CI 010EG 06      |                  |      |                          |      |               |     |                            |      | 0.563       | 14.30 | 0.491       | 0.009 | 0.064        | 1.62 | E           | J              | L             |
| CI 010EG 07      | .218             | 5.54 | .234                     | 5.94 | .010          | .25 | .245                       | .111 | 0.625       | 15.88 | 0.439       | 0.008 | 0.068        | 1.73 | E           | J              | L             |
| CI 010EG 08      |                  |      |                          |      |               |     |                            |      | 0.750       | 19.05 | 0.363       | 0.006 | 0.076        | 1.93 | E           | J              | L             |
| CI 010EG 09      |                  |      |                          |      |               |     |                            |      | 0.875       | 22.23 | 0.309       | 0.006 | 0.084        | 2.13 | E           | J              | L             |
| CI 010EG 10      |                  |      |                          |      |               |     |                            |      | 1.000       | 25.40 | 0.270       | 0.005 | 0.092        | 2.33 | E           | J              | L             |
| CI 010EG 11      |                  |      |                          |      |               |     |                            |      | 1.250       | 31.75 | 0.214       | 0.004 | 0.108        | 2.74 | E           | J              | L             |
| CI 010EG 12      |                  |      |                          |      |               |     |                            |      | 1.500       | 38.10 | 0.178       | 0.003 | 0.124        | 3.14 | E           | J              | L             |
| CI 010EG 13      |                  |      |                          |      |               |     |                            |      | 1.750       | 44.45 | 0.152       | 0.003 | 0.140        | 3.55 | E           | J              | L             |
| CI 011EG 01      |                  |      |                          |      |               |     |                            |      | 0.250       | 6.35  | 1.573       | 0.028 | 0.050        | 1.28 | E           | J              | L             |
| CI 011EG 02      |                  |      |                          |      |               |     |                            |      | 0.313       | 7.95  | 1.217       | 0.022 | 0.055        | 1.41 | E           | J              | L             |
| CI 011EG 03      |                  |      |                          |      |               |     |                            |      | 0.375       | 9.53  | 1.004       | 0.018 | 0.060        | 1.53 | E           | J              | L             |
| CI 011EG 04      |                  |      |                          |      |               |     |                            |      | 0.438       | 11.13 | 0.846       | 0.015 | 0.065        | 1.66 | E           | J              | L             |
| CI 011EG 05      |                  |      |                          |      |               |     |                            |      | 0.500       | 12.70 | 0.734       | 0.013 | 0.070        | 1.78 | E           | J              | L             |
| CI 011EG 06      |                  |      |                          |      |               |     |                            |      | 0.563       | 14.30 | 0.649       | 0.012 | 0.075        | 1.90 | E           | J              | L             |
| CI 011EG 07      | .218             | 5.54 | .234                     | 5.94 | .011          | .28 | .314                       | .142 | 0.625       | 15.88 | 0.581       | 0.010 | 0.080        | 2.03 | E           | J              | L             |
| CI 011EG 08      |                  |      |                          |      |               |     |                            |      | 0.750       | 19.05 | 0.480       | 0.009 | 0.090        | 2.28 | E           | J              | L             |
| CI 011EG 09      |                  |      |                          |      |               |     |                            |      | 0.875       | 22.23 | 0.409       | 0.007 | 0.100        | 2.53 | E           | J              | L             |
| CI 011EG 10      |                  |      |                          |      |               |     |                            |      | 1.000       | 25.40 | 0.356       | 0.006 | 0.109        | 2.78 | E           | J              | L             |
| CI 011EG 11      |                  |      |                          |      |               |     |                            |      | 1.250       | 31.75 | 0.283       | 0.005 | 0.129        | 3.28 | E           | J              | L             |
| CI 011EG 12      |                  |      |                          |      |               |     |                            |      | 1.500       | 38.10 | 0.235       | 0.004 | 0.149        | 3.78 | E           | J              | L             |
| CI 011EG 13      |                  |      |                          |      |               |     |                            |      | 1.750       | 44.45 | 0.201       | 0.004 | 0.169        | 4.28 | E           | J              | L             |

\*\*SEE NOTE ON PAGE 5 UNDER FINISH

\*\*SEE NOTE ON PAGE 5 UNDER FINISH

\*\*SEE NOTE ON PAGE 5 UNDER FINISH

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (INCH)

ENDS NOT GROUND • Music Wire (Plated\*\*), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER                  |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |       | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH                       |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |      |      |       |       |
|------------------|-----------------------------------|-------|--------------------------|-------|---------------|-------|----------------------------|-------|-----------------------------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|------|------|-------|-------|
|                  | IN.                               | MM    | IN.                      | MM    | IN.           | MM    | LB.                        | KG    | IN.                               | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |      |      |       |       |
|                  | IN.                               | MM    | IN.                      | MM    | IN.           | MM    | LB.                        | KG    | IN.                               | MM    | LB/IN.      | KG/MM | IN.          | MM    | M           | S              | S316          |      |      |       |       |
| CI 012EG 01      | .218                              | 5.54  | .234                     | 5.94  | .012          | .30   | .559                       | .254  | 0.250                             | 6.35  | 2.81        | 0.050 | 0.051        | 1.30  | E           | J              | L             |      |      |       |       |
| CI 012EG 02      |                                   |       |                          |       |               |       |                            |       | 0.313                             | 7.95  | 2.17        | 0.039 | 0.056        | 1.41  | E           | J              | L             |      |      |       |       |
| CI 012EG 03      |                                   |       |                          |       |               |       |                            |       | 0.375                             | 9.53  | 1.77        | 0.032 | 0.060        | 1.53  | E           | J              | L             |      |      |       |       |
| CI 012EG 04      |                                   |       |                          |       |               |       |                            |       | 0.438                             | 11.13 | 1.50        | 0.027 | 0.065        | 1.64  | E           | J              | L             |      |      |       |       |
| CI 012EG 05      |                                   |       |                          |       |               |       |                            |       | 0.500                             | 12.70 | 1.30        | 0.023 | 0.069        | 1.75  | E           | J              | L             |      |      |       |       |
| CI 012EG 06      |                                   |       |                          |       |               |       |                            |       | 0.563                             | 14.30 | 1.14        | 0.020 | 0.073        | 1.86  | E           | J              | L             |      |      |       |       |
| CI 012EG 07      |                                   |       |                          |       |               |       |                            |       | 0.625                             | 15.88 | 1.02        | 0.018 | 0.078        | 1.98  | E           | J              | L             |      |      |       |       |
| CI 012EG 08      |                                   |       |                          |       |               |       |                            |       | 0.750                             | 19.05 | 0.84        | 0.015 | 0.087        | 2.20  | E           | J              | L             |      |      |       |       |
| CI 012EG 09      |                                   |       |                          |       |               |       |                            |       | 0.875                             | 22.23 | 0.72        | 0.013 | 0.096        | 2.43  | E           | J              | L             |      |      |       |       |
| CI 012EG 10      |                                   |       |                          |       |               |       |                            |       | 1.000                             | 25.40 | 0.62        | 0.011 | 0.104        | 2.65  | E           | J              | L             |      |      |       |       |
| CI 012EG 11      |                                   |       |                          |       |               |       |                            |       | 1.250                             | 31.75 | 0.50        | 0.009 | 0.122        | 3.10  | E           | J              | L             |      |      |       |       |
| CI 012EG 12      |                                   |       |                          |       |               |       |                            |       | 1.500                             | 38.10 | 0.41        | 0.007 | 0.140        | 3.55  | E           | J              | L             |      |      |       |       |
| CI 012EG 13      |                                   |       |                          |       |               |       |                            |       | **SEE NOTE ON PAGE 5 UNDER FINISH |       |             |       | 1.750        | 44.45 | 0.35        | 0.006          | 0.158         | 4.00 | E    | J     | L     |
| CI 013EG 01      |                                   |       |                          |       |               |       |                            |       | .218                              | 5.54  | .234        | 5.94  | .013         | .33   | .427        | .194           | 0.250         | 6.35 | 2.35 | 0.042 | 0.068 |
| CI 013EG 02      | 0.313                             | 7.95  | 1.81                     | 0.032 | 0.077         | 1.95  | E                          | J     |                                   |       |             |       |              |       |             |                | L             |      |      |       |       |
| CI 013EG 03      | 0.375                             | 9.53  | 1.48                     | 0.026 | 0.085         | 2.17  | E                          | J     |                                   |       |             |       |              |       |             |                | L             |      |      |       |       |
| CI 013EG 04      | 0.438                             | 11.13 | 1.24                     | 0.022 | 0.094         | 2.38  | E                          | J     |                                   |       |             |       |              |       |             |                | L             |      |      |       |       |
| CI 013EG 05      | 0.500                             | 12.70 | 1.08                     | 0.019 | 0.102         | 2.59  | E                          | J     |                                   |       |             |       |              |       |             |                | L             |      |      |       |       |
| CI 013EG 06      | 0.563                             | 14.30 | 0.95                     | 0.017 | 0.110         | 2.81  | E                          | J     |                                   |       |             |       |              |       |             |                | L             |      |      |       |       |
| CI 013EG 07      | 0.625                             | 15.88 | 0.85                     | 0.015 | 0.119         | 3.02  | E                          | J     |                                   |       |             |       |              |       |             |                | L             |      |      |       |       |
| CI 013EG 08      | 0.750                             | 19.05 | 0.70                     | 0.012 | 0.136         | 3.44  | E                          | J     |                                   |       |             |       |              |       |             |                | L             |      |      |       |       |
| CI 013EG 09      | 0.875                             | 22.23 | 0.59                     | 0.011 | 0.152         | 3.87  | E                          | J     |                                   |       |             |       |              |       |             |                | L             |      |      |       |       |
| CI 013EG 10      | 1.000                             | 25.40 | 0.52                     | 0.009 | 0.169         | 4.30  | E                          | J     |                                   |       |             |       |              |       |             |                | L             |      |      |       |       |
| CI 013EG 11      | 1.250                             | 31.75 | 0.41                     | 0.007 | 0.203         | 5.15  | E                          | J     |                                   |       |             |       |              |       |             |                | L             |      |      |       |       |
| CI 013EG 12      | 1.500                             | 38.10 | 0.34                     | 0.006 | 0.236         | 6.00  | E                          | J     |                                   |       |             |       |              |       |             |                | L             |      |      |       |       |
| CI 013EG 13      | **SEE NOTE ON PAGE 5 UNDER FINISH |       |                          |       | 1.750         | 44.45 | 0.29                       | 0.005 |                                   |       |             |       |              |       |             |                | 0.270         | 6.85 | E    | J     | L     |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

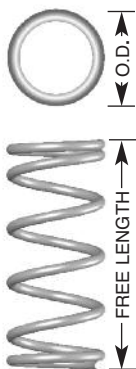
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (METRIC)

ENDS NOT GROUND • Music Wire (Plated\*\*) or Stainless Steel (Passivated)

| LEE STOCK NUMBER                  | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |      | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |   |
|-----------------------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|------|---------------------|-------|-------------|--------|--------------|-------|-------------|---|
|                                   | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.  | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | S |
| CIM010ZA 01†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 1.00                | 0.039 | 2.37        | 13.50  | 0.650        | 0.026 | N/A         | M |
| CIM010ZA 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 1.40                | 0.055 | 1.50        | 8.59   | 0.850        | 0.033 | N/A         | M |
| CIM010ZA 03†                      | .60              | .024 | .80                      | .031 | .10                   | .004 | .30                       | .012 | .80                        | .180 | 2.00                | 0.079 | 0.97        | 5.56   | 1.150        | 0.045 | N/A         | M |
| CIM010ZA 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 2.70                | 0.106 | 0.66        | 3.78   | 1.550        | 0.061 | N/A         | M |
| CIM010ZA 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 3.90                | 0.154 | 0.45        | 2.55   | 2.150        | 0.085 | N/A         | M |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |   |
| CIM010ZB 01†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 1.20                | 0.047 | 1.18        | 6.75   | 0.650        | 0.026 | N/A         | M |
| CIM010ZB 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 1.70                | 0.067 | 0.75        | 4.30   | 0.850        | 0.033 | N/A         | M |
| CIM010ZB 03†                      | .73              | .029 | .90                      | .035 | .10                   | .004 | .40                       | .016 | .62                        | .140 | 2.40                | 0.094 | 0.49        | 2.78   | 1.150        | 0.045 | N/A         | M |
| CIM010ZB 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 3.40                | 0.134 | 0.33        | 1.89   | 1.550        | 0.061 | N/A         | M |
| CIM010ZB 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 4.90                | 0.193 | 0.22        | 1.28   | 2.150        | 0.085 | N/A         | M |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |   |
| CIM012ZC 01†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 1.20                | 0.047 | 2.45        | 14.00  | 0.780        | 0.031 | N/A         | M |
| CIM012ZC 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 1.70                | 0.067 | 1.56        | 8.91   | 1.020        | 0.040 | N/A         | M |
| CIM012ZC 03†                      | .75              | .030 | .90                      | .035 | .12                   | .005 | .40                       | .016 | 1.05                       | .235 | 2.40                | 0.094 | 1.01        | 5.76   | 1.380        | 0.054 | N/A         | M |
| CIM012ZC 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 3.40                | 0.134 | 0.69        | 3.92   | 1.860        | 0.073 | N/A         | M |
| CIM012ZC 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 4.90                | 0.193 | 0.46        | 2.65   | 2.580        | 0.102 | N/A         | M |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |   |
| CIM010ZD 01†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 1.50                | 0.059 | 0.58        | 3.30   | 0.650        | 0.026 | N/A         | M |
| CIM010ZD 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 2.20                | 0.087 | 0.37        | 2.10   | 0.850        | 0.033 | N/A         | M |
| CIM010ZD 03†                      | .90              | .035 | 1.10                     | .043 | .10                   | .004 | .50                       | .020 | .49                        | .110 | 3.20                | 0.126 | 0.24        | 1.36   | 1.150        | 0.045 | N/A         | M |
| CIM010ZD 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 4.60                | 0.181 | 0.16        | 0.92   | 1.550        | 0.061 | N/A         | M |
| CIM010ZD 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 6.60                | 0.260 | 0.11        | 0.62   | 2.150        | 0.085 | N/A         | M |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |   |
| CIM012ZE 01†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 1.50                | 0.059 | 1.20        | 6.84   | 0.780        | 0.031 | N/A         | M |
| CIM012ZE 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 2.10                | 0.083 | 0.76        | 4.35   | 1.020        | 0.040 | N/A         | M |
| CIM012ZE 03†                      | .92              | .036 | 1.10                     | .043 | .12                   | .005 | .50                       | .020 | .85                        | .190 | 3.10                | 0.122 | 0.49        | 2.82   | 1.380        | 0.054 | N/A         | M |
| CIM012ZE 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 4.40                | 0.173 | 0.34        | 1.91   | 1.860        | 0.073 | N/A         | M |
| CIM012ZE 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 6.30                | 0.248 | 0.23        | 1.29   | 2.580        | 0.102 | N/A         | M |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |   |
| CIM016ZF 01†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 1.60                | 0.063 | 3.78        | 21.61  | 1.040        | 0.041 | N/A         | J |
| CIM016ZF 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 2.20                | 0.087 | 2.41        | 13.75  | 1.360        | 0.054 | N/A         | J |
| CIM016ZF 03†                      | .96              | .038 | 1.20                     | .047 | .16                   | .006 | .40                       | .016 | 2.02                       | .455 | 3.10                | 0.122 | 1.56        | 8.90   | 1.840        | 0.072 | N/A         | J |
| CIM016ZF 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 4.40                | 0.173 | 1.06        | 6.05   | 2.480        | 0.098 | N/A         | J |
| CIM016ZF 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 6.20                | 0.244 | 0.72        | 4.09   | 3.440        | 0.135 | N/A         | J |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |   |
| CIM010ZG 01†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 2.00                | 0.079 | 0.30        | 1.69   | 0.650        | 0.026 | N/A         | L |
| CIM010ZG 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 2.90                | 0.114 | 0.19        | 1.07   | 0.850        | 0.033 | N/A         | L |
| CIM010ZG 03†                      | 1.10             | .043 | 1.40                     | .055 | .10                   | .004 | .70                       | .028 | .39                        | .088 | 4.40                | 0.173 | 0.12        | 0.70   | 1.150        | 0.045 | N/A         | L |
| CIM010ZG 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 6.30                | 0.248 | 0.08        | 0.47   | 1.550        | 0.061 | N/A         | L |
| CIM010ZG 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 9.20                | 0.362 | 0.06        | 0.32   | 2.150        | 0.085 | N/A         | L |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |   |
| CIM012ZH 01†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 1.90                | 0.075 | 0.61        | 3.50   | 0.780        | 0.031 | N/A         | M |
| CIM012ZH 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 2.70                | 0.106 | 0.39        | 2.23   | 1.020        | 0.040 | N/A         | M |
| CIM012ZH 03†                      | 1.12             | .044 | 1.40                     | .055 | .12                   | .005 | .60                       | .024 | .67                        | .151 | 4.00                | 0.157 | 0.25        | 1.44   | 1.380        | 0.054 | N/A         | M |
| CIM012ZH 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 5.80                | 0.228 | 0.17        | 0.98   | 1.860        | 0.073 | N/A         | M |
| CIM012ZH 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 8.40                | 0.331 | 0.12        | 0.66   | 2.580        | 0.102 | N/A         | M |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |   |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (METRIC)

ENDS NOT GROUND • Music Wire (Plated\*\*) or Stainless Steel (Passivated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER                  | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |      | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |
|-----------------------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|------|---------------------|-------|-------------|--------|--------------|-------|-------------|----------------|
|                                   | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.  | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | 302 Stainless* |
| CIM016ZJ 01†                      | 1.16             | .046 | 1.40                     | .055 | .16                   | .006 | .60                       | .024 | 1.61                       | .363 | 1.90                | 0.075 | 1.94        | 11.06  | 1.040        | 0.041 | N/A         | J              |
| CIM016ZJ 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 2.70                | 0.106 | 1.23        | 7.04   | 1.360        | 0.054 | N/A         | J              |
| CIM016ZJ 03†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 3.80                | 0.150 | 0.80        | 4.55   | 1.840        | 0.072 | N/A         | J              |
| CIM016ZJ 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 5.40                | 0.213 | 0.54        | 3.10   | 2.480        | 0.098 | N/A         | J              |
| CIM016ZJ 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 7.80                | 0.307 | 0.37        | 2.09   | 3.440        | 0.135 | N/A         | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |                |
| CIM020ZK 01†                      | 1.20             | .047 | 1.40                     | .055 | .20                   | .008 | .60                       | .024 | 3.16                       | .710 | 2.00                | 0.079 | 4.73        | 27.01  | 1.300        | 0.051 | N/A         | J              |
| CIM020ZK 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 2.70                | 0.106 | 3.01        | 17.19  | 1.700        | 0.067 | N/A         | J              |
| CIM020ZK 03†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 3.90                | 0.154 | 1.95        | 11.12  | 2.300        | 0.091 | N/A         | J              |
| CIM020ZK 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 5.50                | 0.217 | 1.32        | 7.56   | 3.100        | 0.122 | N/A         | J              |
| CIM020ZK 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 7.80                | 0.307 | 0.89        | 5.11   | 4.300        | 0.169 | N/A         | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |                |
| CIM010ZL 01†                      | 1.30             | .051 | 1.60                     | .063 | .10                   | .004 | .80                       | .031 | .33                        | .074 | 2.60                | 0.102 | 0.17        | 0.98   | 0.650        | 0.026 | N/A         | L              |
| CIM010ZL 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 3.80                | 0.150 | 0.11        | 0.62   | 0.850        | 0.033 | N/A         | L              |
| CIM010ZL 03†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 5.80                | 0.228 | 0.07        | 0.40   | 1.150        | 0.045 | N/A         | L              |
| CIM010ZL 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 8.40                | 0.331 | 0.05        | 0.27   | 1.550        | 0.061 | N/A         | L              |
| CIM010ZL 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 12.20               | 0.480 | 0.03        | 0.18   | 2.150        | 0.085 | N/A         | L              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |                |
| CIM012ZM 01†                      | 1.32             | .052 | 1.60                     | .063 | .12                   | .005 | .80                       | .031 | .56                        | .126 | 2.40                | 0.094 | 0.35        | 2.03   | 0.780        | 0.031 | N/A         | L              |
| CIM012ZM 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 3.50                | 0.138 | 0.23        | 1.29   | 1.020        | 0.040 | N/A         | L              |
| CIM012ZM 03†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 5.20                | 0.205 | 0.15        | 0.83   | 1.380        | 0.054 | N/A         | L              |
| CIM012ZM 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 7.50                | 0.295 | 0.10        | 0.57   | 1.860        | 0.073 | N/A         | L              |
| CIM012ZM 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 10.90               | 0.429 | 0.07        | 0.38   | 2.580        | 0.102 | N/A         | L              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |                |
| CIM016ZN 01†                      | 1.36             | .054 | 1.60                     | .063 | .16                   | .006 | .80                       | .031 | 1.32                       | .296 | 2.20                | 0.087 | 1.12        | 6.40   | 1.040        | 0.041 | N/A         | J              |
| CIM016ZN 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 3.20                | 0.126 | 0.71        | 4.07   | 1.360        | 0.054 | N/A         | J              |
| CIM016ZN 03†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 4.70                | 0.185 | 0.46        | 2.64   | 1.840        | 0.072 | N/A         | J              |
| CIM016ZN 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 6.70                | 0.264 | 0.31        | 1.79   | 2.480        | 0.098 | N/A         | J              |
| CIM016ZN 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 9.70                | 0.382 | 0.21        | 1.21   | 3.440        | 0.135 | N/A         | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |                |
| CIM020A 01                        | 1.40             | .055 | 1.50                     | .059 | .20                   | .008 | .86                       | .034 | 2.56                       | .576 | 3.50                | 0.138 | 1.62        | 9.23   | 1.910        | 0.075 | E           | J              |
| CIM020A 02                        |                  |      |                          |      |                       |      |                           |      |                            |      | 5.00                | 0.197 | 1.06        | 6.07   | 2.590        | 0.102 | E           | J              |
| CIM020A 03                        |                  |      |                          |      |                       |      |                           |      |                            |      | 7.50                | 0.295 | 0.68        | 3.87   | 3.720        | 0.146 | E           | J              |
| CIM020A 04                        |                  |      |                          |      |                       |      |                           |      |                            |      | 10.00               | 0.394 | 0.50        | 2.84   | 4.850        | 0.191 | E           | J              |
| CIM020A 05                        |                  |      |                          |      |                       |      |                           |      |                            |      | 12.50               | 0.492 | 0.39        | 2.24   | 5.970        | 0.235 | E           | J              |
| CIM020A 06                        |                  |      |                          |      |                       |      |                           |      |                            |      | 15.00               | 0.591 | 0.32        | 1.85   | 7.100        | 0.279 | E           | J              |
| CIM020A 07                        |                  |      |                          |      |                       |      |                           |      |                            |      | 17.50               | 0.689 | 0.28        | 1.58   | 8.230        | 0.324 | E           | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |                |
| CIM020ZA 01†                      | 1.40             | .055 | 1.70                     | .067 | .20                   | .008 | .80                       | .031 | 2.72                       | .611 | 2.30                | 0.091 | 2.74        | 15.63  | 1.300        | 0.051 | N/A         | J              |
| CIM020ZA 02†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 3.20                | 0.126 | 1.81        | 10.35  | 1.700        | 0.067 | N/A         | J              |
| CIM020ZA 03†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 4.60                | 0.181 | 1.17        | 6.66   | 2.300        | 0.091 | N/A         | J              |
| CIM020ZA 04†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 6.50                | 0.256 | 0.80        | 4.57   | 3.100        | 0.122 | N/A         | J              |
| CIM020ZA 05†                      |                  |      |                          |      |                       |      |                           |      |                            |      | 9.30                | 0.366 | 0.54        | 3.09   | 4.300        | 0.169 | N/A         | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |      |                     |       |             |        |              |       |             |                |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

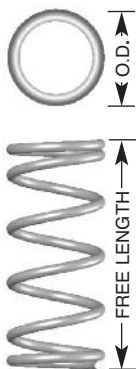
† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (METRIC)

ENDS NOT GROUND • Music Wire (Plated\*\*) or Stainless Steel (Passivated)

| LEE STOCK NUMBER                  | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |
|-----------------------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|----------------|
|                                   | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | 302 Stainless* |
| CIM025A 01                        | 1.40             | .055 | 1.50                     | .059 | .25                   | .010 | .76                       | .030 | 5.16                       | 1.161 | 3.50                | 0.138 | 4.56        | 26.04  | 2.370        | 0.093 | E           | J              |
| CIM025A 02                        |                  |      |                          |      |                       |      |                           |      |                            |       | 5.00                | 0.197 | 2.95        | 16.82  | 3.250        | 0.128 | E           | J              |
| CIM025A 03                        |                  |      |                          |      |                       |      |                           |      |                            |       | 7.50                | 0.295 | 1.85        | 10.58  | 4.710        | 0.186 | E           | J              |
| CIM025A 04                        |                  |      |                          |      |                       |      |                           |      |                            |       | 10.00               | 0.394 | 1.35        | 7.72   | 6.180        | 0.243 | E           | J              |
| CIM025A 05                        |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 1.06        | 6.07   | 7.650        | 0.301 | E           | J              |
| CIM025A 06                        |                  |      |                          |      |                       |      |                           |      |                            |       | 15.00               | 0.591 | 0.88        | 5.01   | 9.110        | 0.359 | E           | J              |
| CIM025A 07                        |                  |      |                          |      |                       |      |                           |      |                            |       | 17.50               | 0.689 | 0.75        | 4.26   | 10.580       | 0.416 | E           | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |
| CIM030A 01                        | 1.40             | .055 | 1.50                     | .059 | .30                   | .012 | .66                       | .026 | 9.21                       | 2.071 | 3.50                | 0.138 | 11.64       | 66.46  | 2.710        | 0.107 | E           | J              |
| CIM030A 02                        |                  |      |                          |      |                       |      |                           |      |                            |       | 5.00                | 0.197 | 7.37        | 42.06  | 3.750        | 0.148 | E           | J              |
| CIM030A 03                        |                  |      |                          |      |                       |      |                           |      |                            |       | 7.50                | 0.295 | 4.57        | 26.09  | 5.480        | 0.216 | E           | J              |
| CIM030A 04                        |                  |      |                          |      |                       |      |                           |      |                            |       | 10.00               | 0.394 | 3.31        | 18.91  | 7.220        | 0.284 | E           | J              |
| CIM030A 05                        |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 2.60        | 14.83  | 8.950        | 0.352 | E           | J              |
| CIM030A 06                        |                  |      |                          |      |                       |      |                           |      |                            |       | 15.00               | 0.591 | 2.14        | 12.20  | 10.690       | 0.421 | E           | J              |
| CIM030A 07                        |                  |      |                          |      |                       |      |                           |      |                            |       | 17.50               | 0.689 | 1.81        | 10.36  | 12.420       | 0.489 | E           | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |
| CIM025ZP 01†                      | 1.45             | .057 | 1.70                     | .067 | .25                   | .010 | .70                       | .028 | 5.05                       | 1.135 | 2.40                | 0.094 | 6.68        | 38.16  | 1.625        | 0.064 | N/A         | J              |
| CIM025ZP 02†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 3.30                | 0.130 | 4.25        | 24.28  | 2.125        | 0.084 | N/A         | J              |
| CIM025ZP 03†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 4.70                | 0.185 | 2.75        | 15.71  | 2.875        | 0.113 | N/A         | J              |
| CIM025ZP 04†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 6.60                | 0.260 | 1.87        | 10.68  | 3.875        | 0.153 | N/A         | J              |
| CIM025ZP 05†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 9.40                | 0.370 | 1.26        | 7.22   | 5.375        | 0.212 | N/A         | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |
| CIM012ZQ 01†                      | 1.72             | .068 | 2.10                     | .083 | .12                   | .005 | 1.20                      | .047 | .42                        | .094  | 3.60                | 0.142 | 0.15        | 0.85   | 0.780        | 0.031 | N/A         | J              |
| CIM012ZQ 02†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 5.40                | 0.213 | 0.10        | 0.54   | 1.020        | 0.040 | N/A         | J              |
| CIM012ZQ 03†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 8.20                | 0.323 | 0.06        | 0.35   | 1.380        | 0.054 | N/A         | J              |
| CIM012ZQ 04†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 11.80               | 0.465 | 0.04        | 0.24   | 1.860        | 0.073 | N/A         | J              |
| CIM012ZQ 05†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 17.40               | 0.685 | 0.03        | 0.16   | 2.580        | 0.102 | N/A         | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |
| CIM016ZR 01†                      | 1.76             | .069 | 2.10                     | .083 | .16                   | .006 | 1.10                      | .043 | 1.00                       | .224  | 3.10                | 0.122 | 0.47        | 2.70   | 1.040        | 0.041 | N/A         | J              |
| CIM016ZR 02†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 4.70                | 0.185 | 0.30        | 1.72   | 1.360        | 0.054 | N/A         | J              |
| CIM016ZR 03†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 7.00                | 0.276 | 0.19        | 1.11   | 1.840        | 0.072 | N/A         | J              |
| CIM016ZR 04†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 10.00               | 0.394 | 0.13        | 0.76   | 2.480        | 0.098 | N/A         | J              |
| CIM016ZR 05†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 14.60               | 0.575 | 0.09        | 0.51   | 3.440        | 0.135 | N/A         | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |
| CIM020ZS 01†                      | 1.80             | .071 | 2.10                     | .083 | .20                   | .008 | 1.10                      | .043 | 1.97                       | .442  | 3.00                | 0.118 | 1.15        | 6.59   | 1.300        | 0.051 | N/A         | J              |
| CIM020ZS 02†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 4.40                | 0.173 | 0.73        | 4.20   | 1.700        | 0.067 | N/A         | J              |
| CIM020ZS 03†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 6.40                | 0.252 | 0.48        | 2.72   | 2.300        | 0.091 | N/A         | J              |
| CIM020ZS 04†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 9.20                | 0.362 | 0.32        | 1.85   | 3.100        | 0.122 | N/A         | J              |
| CIM020ZS 05†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 13.30               | 0.524 | 0.22        | 1.25   | 4.300        | 0.169 | N/A         | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |
| CIM025ZT 01†                      | 1.85             | .073 | 2.10                     | .083 | .25                   | .010 | 1.10                      | .043 | 3.84                       | .864  | 3.00                | 0.118 | 2.82        | 16.10  | 1.625        | 0.064 | N/A         | J              |
| CIM025ZT 02†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 4.30                | 0.169 | 1.79        | 10.24  | 2.125        | 0.084 | N/A         | J              |
| CIM025ZT 03†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 6.20                | 0.244 | 1.16        | 6.63   | 2.875        | 0.113 | N/A         | J              |
| CIM025ZT 04†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 8.70                | 0.343 | 0.79        | 4.51   | 3.875        | 0.153 | N/A         | J              |
| CIM025ZT 05†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 0.53        | 3.05   | 5.375        | 0.212 | N/A         | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (METRIC)

ENDS NOT GROUND • Music Wire (Plated\*\*) or Stainless Steel (Passivated)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER          |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |   |
|------------------|------------------|------|-----------------------------------|------|-----------------------|------|---------------------------|------|----------------------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|---|
|                  | MM               | IN.  | MM                                | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | S |
| CIM032ZU 01†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 3.10                | 0.122 | 7.57        | 43.21  | 2.080        | 0.082 | N/A         | J |
| CIM032ZU 02†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 4.40                | 0.173 | 4.82        | 27.50  | 2.720        | 0.107 | N/A         | J |
| CIM032ZU 03†     | 1.92             | .076 | 2.20                              | .087 | .32                   | .013 | 1.00                      | .039 | 7.98                       | 1.795 | 6.30                | 0.248 | 3.12        | 17.79  | 3.680        | 0.145 | N/A         | J |
| CIM032ZU 04†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 8.70                | 0.343 | 2.12        | 12.10  | 4.960        | 0.195 | N/A         | J |
| CIM032ZU 05†     |                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 1.43        | 8.18   | 6.880        | 0.271 | N/A         | J |
| CIM020AA 01      |                  |      |                                   |      |                       |      |                           |      |                            |       | 3.50                | 0.138 | 0.80        | 4.56   | 1.370        | 0.054 | E           | J |
| CIM020AA 02      |                  |      |                                   |      |                       |      |                           |      |                            |       | 5.00                | 0.197 | 0.53        | 3.00   | 1.770        | 0.070 | E           | J |
| CIM020AA 03      | 2.00             | .079 | 2.13                              | .084 | .20                   | .008 | 1.47                      | .058 | 1.70                       | .382  | 7.50                | 0.295 | 0.33        | 1.91   | 2.430        | 0.096 | E           | J |
| CIM020AA 04      |                  |      |                                   |      |                       |      |                           |      |                            |       | 10.00               | 0.394 | 0.25        | 1.40   | 3.100        | 0.122 | E           | J |
| CIM020AA 05      |                  |      |                                   |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 0.19        | 1.11   | 3.760        | 0.148 | E           | J |
| CIM020AA 06      |                  |      |                                   |      |                       |      |                           |      |                            |       | 15.00               | 0.591 | 0.16        | 0.92   | 4.420        | 0.174 | E           | J |
| CIM020AA 07      |                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                       |      |                           |      |                            |       | 17.50               | 0.689 | 0.14        | 0.78   | 5.080        | 0.200 | E           | J |
| CIM025AA 01      |                  |      |                                   |      |                       |      |                           |      |                            |       | 3.50                | 0.138 | 1.97        | 11.26  | 1.790        | 0.071 | E           | J |
| CIM025AA 02      |                  |      |                                   |      |                       |      |                           |      |                            |       | 5.00                | 0.197 | 1.27        | 7.27   | 2.360        | 0.093 | E           | J |
| CIM025AA 03      | 2.00             | .079 | 2.13                              | .084 | .25                   | .010 | 1.37                      | .054 | 3.37                       | .757  | 7.50                | 0.295 | 0.80        | 4.57   | 3.300        | 0.130 | E           | J |
| CIM025AA 04      |                  |      |                                   |      |                       |      |                           |      |                            |       | 10.00               | 0.394 | 0.58        | 3.34   | 4.240        | 0.167 | E           | J |
| CIM025AA 05      |                  |      |                                   |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 0.46        | 2.63   | 5.180        | 0.204 | E           | J |
| CIM025AA 06      |                  |      |                                   |      |                       |      |                           |      |                            |       | 15.00               | 0.591 | 0.38        | 2.16   | 6.120        | 0.241 | E           | J |
| CIM025AA 07      |                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                       |      |                           |      |                            |       | 17.50               | 0.689 | 0.32        | 1.84   | 7.060        | 0.278 | E           | J |
| CIM025AA 08      |                  |      |                                   |      |                       |      |                           |      |                            |       | 20.00               | 0.787 | 0.28        | 1.60   | 8.000        | 0.315 | E           | J |
| CIM030AA 01      |                  |      |                                   |      |                       |      |                           |      |                            |       | 3.50                | 0.138 | 4.42        | 25.25  | 2.160        | 0.085 | E           | J |
| CIM030AA 02      |                  |      |                                   |      |                       |      |                           |      |                            |       | 5.00                | 0.197 | 2.80        | 15.98  | 2.890        | 0.114 | E           | J |
| CIM030AA 03      |                  |      |                                   |      |                       |      |                           |      |                            |       | 7.50                | 0.295 | 1.74        | 9.91   | 4.090        | 0.161 | E           | J |
| CIM030AA 04      | 2.00             | .079 | 2.13                              | .084 | .30                   | .012 | 1.27                      | .050 | 5.91                       | 1.329 | 10.00               | 0.394 | 1.26        | 7.19   | 5.300        | 0.209 | E           | J |
| CIM030AA 05      |                  |      |                                   |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 0.99        | 5.64   | 6.510        | 0.256 | E           | J |
| CIM030AA 06      |                  |      |                                   |      |                       |      |                           |      |                            |       | 15.00               | 0.591 | 0.81        | 4.63   | 7.720        | 0.304 | E           | J |
| CIM030AA 07      |                  |      |                                   |      |                       |      |                           |      |                            |       | 17.50               | 0.689 | 0.69        | 3.94   | 8.920        | 0.351 | E           | J |
| CIM030AA 08      |                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                       |      |                           |      |                            |       | 20.00               | 0.787 | 0.60        | 3.42   | 10.130       | 0.399 | E           | J |
| CIM016AB 01†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 4.30                | 0.169 | 0.24        | 1.38   | 1.040        | 0.041 | N/A         | J |
| CIM016AB 02†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 6.50                | 0.256 | 0.15        | 0.88   | 1.360        | 0.054 | N/A         | J |
| CIM016AB 03†     | 2.16             | .085 | 2.50                              | .098 | .16                   | .006 | 1.50                      | .059 | .79                        | .178  | 9.80                | 0.386 | 0.10        | 0.57   | 1.840        | 0.072 | N/A         | J |
| CIM016AB 04†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 14.20               | 0.559 | 0.07        | 0.39   | 2.480        | 0.098 | N/A         | J |
| CIM016AB 05†     |                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                       |      |                           |      |                            |       | 20.90               | 0.823 | 0.05        | 0.26   | 3.440        | 0.135 | N/A         | J |
| CIM020AC 01†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 4.00                | 0.157 | 0.59        | 3.38   | 1.300        | 0.051 | N/A         | J |
| CIM020AC 02†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 5.90                | 0.232 | 0.38        | 2.15   | 1.700        | 0.067 | N/A         | J |
| CIM020AC 03†     | 2.20             | .087 | 2.60                              | .102 | .20                   | .008 | 1.50                      | .059 | 1.57                       | .354  | 8.70                | 0.343 | 0.24        | 1.39   | 2.300        | 0.091 | N/A         | J |
| CIM020AC 04†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 12.60               | 0.496 | 0.17        | 0.94   | 3.100        | 0.122 | N/A         | J |
| CIM020AC 05†     |                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                       |      |                           |      |                            |       | 18.30               | 0.720 | 0.11        | 0.64   | 4.300        | 0.169 | N/A         | J |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

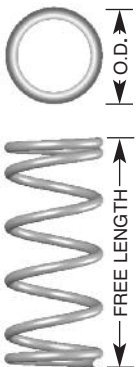
† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (METRIC)

ENDS NOT GROUND • Music Wire (Plated\*\*) or Stainless Steel (Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER             |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |   |
|------------------|------------------|------|--------------------------|------|-----------------------------------|------|---------------------------|------|----------------------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|---|
|                  | MM               | IN.  | MM                       | IN.  | MM                                | IN.  | MM                        | IN.  | N                          | LB.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | S |
| CIM025B 01       |                  |      |                          |      |                                   |      |                           |      |                            |       | 3.50                | 0.138 | 1.75        | 10.00  | 1.600        | 0.063 | E           | J |
| CIM025B 02       |                  |      |                          |      |                                   |      |                           |      |                            |       | 5.00                | 0.197 | 1.12        | 6.40   | 2.000        | 0.079 | E           | J |
| CIM025B 03       |                  |      |                          |      |                                   |      |                           |      |                            |       | 6.50                | 0.256 | 0.84        | 4.80   | 2.400        | 0.094 | E           | J |
| CIM025B 04       |                  |      |                          |      |                                   |      |                           |      |                            |       | 8.00                | 0.315 | 0.67        | 3.80   | 2.800        | 0.110 | E           | J |
| CIM025B 05       |                  |      |                          |      |                                   |      |                           |      |                            |       | 9.50                | 0.374 | 0.54        | 3.10   | 3.200        | 0.126 | E           | J |
| CIM025B 06       | 2.25             | .089 | 2.40                     | .094 | .25                               | .010 | 1.63                      | .064 | 3.56                       | .800  | 11.00               | 0.433 | 0.47        | 2.70   | 3.600        | 0.142 | E           | J |
| CIM025B 07       |                  |      |                          |      |                                   |      |                           |      |                            |       | 12.50               | 0.492 | 0.40        | 2.30   | 4.000        | 0.157 | E           | J |
| CIM025B 08       |                  |      |                          |      |                                   |      |                           |      |                            |       | 14.00               | 0.551 | 0.37        | 2.10   | 4.450        | 0.175 | E           | J |
| CIM025B 09       |                  |      |                          |      |                                   |      |                           |      |                            |       | 15.50               | 0.610 | 0.33        | 1.90   | 4.850        | 0.191 | E           | J |
| CIM025B 10       |                  |      |                          |      |                                   |      |                           |      |                            |       | 17.00               | 0.669 | 0.30        | 1.70   | 5.250        | 0.207 | E           | J |
| CIM025B 11       |                  |      |                          |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                           |      |                            |       | 19.00               | 0.748 | 0.26        | 1.50   | 5.830        | 0.230 | E           | J |
| CIM025BA 01†     |                  |      |                          |      |                                   |      |                           |      |                            |       | 3.70                | 0.146 | 1.44        | 8.24   | 1.625        | 0.064 | N/A         | J |
| CIM025BA 02†     |                  |      |                          |      |                                   |      |                           |      |                            |       | 5.50                | 0.217 | 0.92        | 5.24   | 2.125        | 0.084 | N/A         | J |
| CIM025BA 03†     | 2.25             | .089 | 2.60                     | .102 | .25                               | .010 | 1.50                      | .059 | 3.05                       | .686  | 8.00                | 0.315 | 0.59        | 3.39   | 2.875        | 0.113 | N/A         | J |
| CIM025BA 04†     |                  |      |                          |      |                                   |      |                           |      |                            |       | 11.40               | 0.449 | 0.40        | 2.31   | 3.875        | 0.153 | N/A         | J |
| CIM025BA 05†     |                  |      |                          |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                           |      |                            |       | 16.60               | 0.654 | 0.27        | 1.56   | 5.375        | 0.212 | N/A         | J |
| CIM032BB 01†     |                  |      |                          |      |                                   |      |                           |      |                            |       | 3.70                | 0.146 | 3.87        | 22.12  | 2.080        | 0.082 | N/A         | J |
| CIM032BB 02†     |                  |      |                          |      |                                   |      |                           |      |                            |       | 5.30                | 0.209 | 2.47        | 14.08  | 2.720        | 0.107 | N/A         | J |
| CIM032BB 03†     | 2.32             | .091 | 2.60                     | .102 | .32                               | .013 | 1.40                      | .055 | 6.38                       | 1.435 | 7.70                | 0.303 | 1.60        | 9.11   | 3.680        | 0.145 | N/A         | J |
| CIM032BB 04†     |                  |      |                          |      |                                   |      |                           |      |                            |       | 10.90               | 0.429 | 1.08        | 6.19   | 4.960        | 0.195 | N/A         | J |
| CIM032BB 05†     |                  |      |                          |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                           |      |                            |       | 15.60               | 0.614 | 0.73        | 4.19   | 6.880        | 0.271 | N/A         | J |
| CIM040BC 01†     |                  |      |                          |      |                                   |      |                           |      |                            |       | 3.50                | 0.138 | 9.46        | 53.99  | 2.600        | 0.102 | E           | J |
| CIM040BC 02†     |                  |      |                          |      |                                   |      |                           |      |                            |       | 5.00                | 0.197 | 6.02        | 34.36  | 3.400        | 0.134 | E           | J |
| CIM040BC 03†     | 2.40             | .094 | 2.80                     | .110 | .40                               | .016 | 1.30                      | .051 | 9.63                       | 2.164 | 7.00                | 0.276 | 3.89        | 22.23  | 4.600        | 0.181 | E           | J |
| CIM040BC 04†     |                  |      |                          |      |                                   |      |                           |      |                            |       | 10.00               | 0.394 | 2.65        | 15.12  | 6.200        | 0.244 | E           | J |
| CIM040BC 05†     |                  |      |                          |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                           |      |                            |       | 14.00               | 0.551 | 1.79        | 10.22  | 8.600        | 0.339 | E           | J |
| CIM025C 01       |                  |      |                          |      |                                   |      |                           |      |                            |       | 3.50                | 0.138 | 1.32        | 7.55   | 1.500        | 0.059 | E           | J |
| CIM025C 02       |                  |      |                          |      |                                   |      |                           |      |                            |       | 5.00                | 0.197 | 0.85        | 4.88   | 1.910        | 0.075 | E           | J |
| CIM025C 03       |                  |      |                          |      |                                   |      |                           |      |                            |       | 7.50                | 0.295 | 0.54        | 3.07   | 2.580        | 0.102 | E           | J |
| CIM025C 04       |                  |      |                          |      |                                   |      |                           |      |                            |       | 10.00               | 0.394 | 0.39        | 2.24   | 3.260        | 0.128 | E           | J |
| CIM025C 05       | 2.50             | .098 | 2.62                     | .103 | .25                               | .010 | 1.85                      | .073 | 2.64                       | .594  | 12.50               | 0.492 | 0.31        | 1.76   | 3.940        | 0.155 | E           | J |
| CIM025C 06       |                  |      |                          |      |                                   |      |                           |      |                            |       | 15.00               | 0.591 | 0.25        | 1.45   | 4.620        | 0.182 | E           | J |
| CIM025C 07       |                  |      |                          |      |                                   |      |                           |      |                            |       | 17.50               | 0.689 | 0.22        | 1.23   | 5.290        | 0.208 | E           | J |
| CIM025C 08       |                  |      |                          |      |                                   |      |                           |      |                            |       | 20.00               | 0.787 | 0.19        | 1.07   | 5.970        | 0.235 | E           | J |
| CIM025C 09       |                  |      |                          |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                           |      |                            |       | 22.50               | 0.886 | 0.17        | 0.95   | 6.650        | 0.262 | E           | J |
| CIM025C 10       |                  |      |                          |      |                                   |      |                           |      |                            |       | 25.00               | 0.984 | 0.15        | 0.85   | 7.320        | 0.288 | E           | J |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (METRIC)

ENDS NOT GROUND • Music Wire (Plated\*\*) or Stainless Steel (Passivated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER          |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |   |
|------------------|------------------|------|-----------------------------------|------|-----------------------|------|---------------------------|------|----------------------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|---|
|                  | MM               | IN.  | MM                                | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | S |
| CIM030C 01       |                  |      |                                   |      |                       |      |                           |      |                            |       | 5.00                | 0.197 | 1.77        | 10.09  | 2.390        | 0.094 | E           | J |
| CIM030C 02       |                  |      |                                   |      |                       |      |                           |      |                            |       | 7.50                | 0.295 | 1.10        | 6.26   | 3.300        | 0.130 | E           | J |
| CIM030C 03       |                  |      |                                   |      |                       |      |                           |      |                            |       | 10.00               | 0.394 | 0.79        | 4.54   | 4.200        | 0.165 | E           | J |
| CIM030C 04       |                  |      |                                   |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 0.62        | 3.56   | 5.100        | 0.201 | E           | J |
| CIM030C 05       | 2.50             | .098 | 2.62                              | .103 | .30                   | .012 | 1.75                      | .069 | 4.61                       | 1.036 | 15.00               | 0.591 | 0.51        | 2.93   | 6.010        | 0.237 | E           | J |
| CIM030C 06       |                  |      |                                   |      |                       |      |                           |      |                            |       | 17.50               | 0.689 | 0.44        | 2.48   | 6.910        | 0.272 | E           | J |
| CIM030C 07       |                  |      |                                   |      |                       |      |                           |      |                            |       | 20.00               | 0.787 | 0.38        | 2.16   | 7.820        | 0.308 | E           | J |
| CIM030C 08       |                  |      |                                   |      |                       |      |                           |      |                            |       | 22.50               | 0.886 | 0.33        | 1.91   | 8.720        | 0.343 | E           | J |
| CIM030C 09       |                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 0.30        | 1.71   | 9.630        | 0.379 | E           | J |
| CIM020CA 01†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 5.40                | 0.213 | 0.30        | 1.73   | 1.300        | 0.051 | N/A         | J |
| CIM020CA 02†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 8.20                | 0.323 | 0.19        | 1.10   | 1.700        | 0.067 | N/A         | J |
| CIM020CA 03†     | 2.70             | .106 | 3.10                              | .122 | .20                   | .008 | 2.00                      | .079 | 1.25                       | .282  | 12.40               | 0.488 | 0.12        | 0.71   | 2.300        | 0.091 | N/A         | J |
| CIM020CA 04†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 17.90               | 0.705 | 0.08        | 0.48   | 3.100        | 0.122 | N/A         | J |
| CIM020CA 05†     |                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                       |      |                           |      |                            |       | 26.20               | 1.031 | 0.06        | 0.33   | 4.300        | 0.169 | N/A         | J |
| CIM025CB 01†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 4.90                | 0.193 | 0.74        | 4.22   | 1.625        | 0.064 | N/A         | J |
| CIM025CB 02†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 7.30                | 0.287 | 0.47        | 2.69   | 2.125        | 0.084 | N/A         | J |
| CIM025CB 03†     | 2.75             | .108 | 3.10                              | .122 | .25                   | .010 | 1.90                      | .075 | 2.44                       | .548  | 10.90               | 0.429 | 0.30        | 1.74   | 2.875        | 0.113 | N/A         | J |
| CIM025CB 04†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 15.70               | 0.618 | 0.21        | 1.18   | 3.875        | 0.153 | N/A         | J |
| CIM025CB 05†     |                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                       |      |                           |      |                            |       | 22.90               | 0.902 | 0.14        | 0.80   | 5.375        | 0.212 | N/A         | J |
| CIM032CC 01†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 4.70                | 0.185 | 1.98        | 11.33  | 2.080        | 0.082 | N/A         | J |
| CIM032CC 02†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 6.80                | 0.268 | 1.26        | 7.21   | 2.720        | 0.107 | N/A         | J |
| CIM032CC 03†     | 2.82             | .111 | 3.10                              | .122 | .32                   | .013 | 1.90                      | .075 | 5.16                       | 1.160 | 10.00               | 0.394 | 0.82        | 4.66   | 3.680        | 0.145 | N/A         | J |
| CIM032CC 04†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 14.20               | 0.559 | 0.56        | 3.17   | 4.960        | 0.195 | N/A         | J |
| CIM032CC 05†     |                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                       |      |                           |      |                            |       | 20.60               | 0.811 | 0.38        | 2.14   | 6.880        | 0.271 | N/A         | J |
| CIM040CD 01†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 4.30                | 0.169 | 4.84        | 27.65  | 2.600        | 0.102 | E           | J |
| CIM040CD 02†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 6.30                | 0.248 | 3.08        | 17.59  | 3.400        | 0.134 | E           | J |
| CIM040CD 03†     | 2.90             | .114 | 3.30                              | .130 | .40                   | .016 | 1.80                      | .071 | 9.07                       | 2.038 | 9.10                | 0.358 | 1.99        | 11.38  | 4.600        | 0.181 | E           | J |
| CIM040CD 04†     |                  |      |                                   |      |                       |      |                           |      |                            |       | 13.00               | 0.512 | 1.36        | 7.74   | 6.200        | 0.244 | E           | J |
| CIM040CD 05†     |                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                       |      |                           |      |                            |       | 18.50               | 0.728 | 0.92        | 5.23   | 8.600        | 0.339 | E           | J |
| CIM025D 01       |                  |      |                                   |      |                       |      |                           |      |                            |       | 7.50                | 0.295 | 0.40        | 2.27   | 2.090        | 0.082 | E           | J |
| CIM025D 02       |                  |      |                                   |      |                       |      |                           |      |                            |       | 10.00               | 0.394 | 0.29        | 1.66   | 2.590        | 0.102 | E           | J |
| CIM025D 03       |                  |      |                                   |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 0.23        | 1.30   | 3.080        | 0.121 | E           | J |
| CIM025D 04       |                  |      |                                   |      |                       |      |                           |      |                            |       | 15.00               | 0.591 | 0.19        | 1.08   | 3.580        | 0.141 | E           | J |
| CIM025D 05       | 3.00             | .118 | 3.12                              | .123 | .25                   | .010 | 2.29                      | .090 | 2.15                       | .484  | 17.50               | 0.689 | 0.16        | 0.91   | 4.070        | 0.160 | E           | J |
| CIM025D 06       |                  |      |                                   |      |                       |      |                           |      |                            |       | 20.00               | 0.787 | 0.14        | 0.80   | 4.570        | 0.180 | E           | J |
| CIM025D 07       |                  |      |                                   |      |                       |      |                           |      |                            |       | 22.50               | 0.886 | 0.12        | 0.70   | 5.060        | 0.199 | E           | J |
| CIM025D 08       |                  |      |                                   |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 0.11        | 0.63   | 5.560        | 0.219 | E           | J |
| CIM025D 09       |                  |      | **SEE NOTE ON PAGE 5 UNDER FINISH |      |                       |      |                           |      |                            |       | 27.50               | 1.083 | 0.10        | 0.57   | 6.050        | 0.238 | E           | J |
| CIM025D 10       |                  |      |                                   |      |                       |      |                           |      |                            |       | 30.00               | 1.181 | 0.09        | 0.52   | 6.540        | 0.258 | E           | J |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

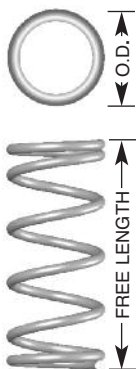
† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: INSTRUMENT SERIES (METRIC)

ENDS NOT GROUND • Music Wire (Plated\*\*) or Stainless Steel (Passivated)

| LEE STOCK NUMBER                  | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |
|-----------------------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|----------------|
|                                   | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | 302 Stainless* |
| CIM030D 01                        | 3.00             | .118 | 3.12                     | .123 | .30                   | .012 | 2.21                      | .087 | 3.74                       | .840  | 7.50                | 0.295 | 0.78        | 4.45   | 2.700        | 0.106 | E           | J              |
| CIM030D 02                        |                  |      |                          |      |                       |      |                           |      |                            |       | 10.00               | 0.394 | 0.56        | 3.23   | 3.380        | 0.133 | E           | J              |
| CIM030D 03                        |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 0.44        | 2.53   | 4.060        | 0.160 | E           | J              |
| CIM030D 04                        |                  |      |                          |      |                       |      |                           |      |                            |       | 15.00               | 0.591 | 0.36        | 2.08   | 4.740        | 0.187 | E           | J              |
| CIM030D 05                        |                  |      |                          |      |                       |      |                           |      |                            |       | 17.50               | 0.689 | 0.31        | 1.77   | 5.420        | 0.213 | E           | J              |
| CIM030D 06                        |                  |      |                          |      |                       |      |                           |      |                            |       | 20.00               | 0.787 | 0.27        | 1.54   | 6.100        | 0.240 | E           | J              |
| CIM030D 07                        |                  |      |                          |      |                       |      |                           |      |                            |       | 22.50               | 0.886 | 0.24        | 1.36   | 6.780        | 0.267 | E           | J              |
| CIM030D 08                        |                  |      |                          |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 0.21        | 1.22   | 7.460        | 0.294 | E           | J              |
| CIM030D 09                        |                  |      |                          |      |                       |      |                           |      |                            |       | 27.50               | 1.083 | 0.19        | 1.10   | 8.140        | 0.320 | E           | J              |
| CIM030D 10                        |                  |      |                          |      |                       |      |                           |      |                            |       | 30.00               | 1.181 | 0.18        | 1.01   | 8.820        | 0.347 | E           | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |
| CIM025DA 01†                      | 3.45             | .136 | 4.00                     | .157 | .25                   | .010 | 2.50                      | .098 | 1.92                       | .432  | 7.10                | 0.280 | 0.35        | 2.01   | 1.625        | 0.064 | N/A         | J              |
| CIM025DA 02†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 10.70               | 0.421 | 0.22        | 1.28   | 2.125        | 0.084 | N/A         | J              |
| CIM025DA 03†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 16.10               | 0.634 | 0.15        | 0.83   | 2.875        | 0.113 | N/A         | J              |
| CIM025DA 04†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 23.30               | 0.917 | 0.10        | 0.56   | 3.875        | 0.153 | N/A         | J              |
| CIM025DA 05†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 34.10               | 1.343 | 0.07        | 0.38   | 5.375        | 0.212 | N/A         | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |
| CIM032DB 01†                      | 3.52             | .139 | 4.00                     | .157 | .32                   | .013 | 2.40                      | .094 | 4.01                       | .901  | 6.30                | 0.248 | 0.95        | 5.40   | 2.080        | 0.082 | N/A         | J              |
| CIM032DB 02†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 9.40                | 0.370 | 0.60        | 3.44   | 2.720        | 0.107 | N/A         | J              |
| CIM032DB 03†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 14.00               | 0.551 | 0.39        | 2.22   | 3.680        | 0.145 | N/A         | J              |
| CIM032DB 04†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 20.10               | 0.791 | 0.26        | 1.51   | 4.960        | 0.195 | N/A         | J              |
| CIM032DB 05†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 29.30               | 1.154 | 0.18        | 1.02   | 6.880        | 0.271 | N/A         | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |
| CIM040DC 01†                      | 3.60             | .142 | 4.00                     | .157 | .40                   | .016 | 2.50                      | .098 | 7.20                       | 1.618 | 5.60                | 0.220 | 2.31        | 13.18  | 2.600        | 0.102 | E           | J              |
| CIM040DC 02†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 8.30                | 0.327 | 1.47        | 8.39   | 3.400        | 0.134 | E           | J              |
| CIM040DC 03†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 12.00               | 0.472 | 0.95        | 5.43   | 4.600        | 0.181 | E           | J              |
| CIM040DC 04†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 17.50               | 0.689 | 0.65        | 3.69   | 6.200        | 0.244 | E           | J              |
| CIM040DC 05†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 25.50               | 1.004 | 0.44        | 2.49   | 8.600        | 0.339 | E           | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |
| CIM032DF 01†                      | 4.32             | .170 | 4.80                     | .189 | .32                   | .013 | 3.20                      | .126 | 3.21                       | .722  | 8.70                | 0.343 | 0.48        | 2.77   | 2.080        | 0.082 | N/A         | J              |
| CIM032DF 02†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 13.10               | 0.516 | 0.31        | 1.76   | 2.720        | 0.107 | N/A         | J              |
| CIM032DF 03†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 19.80               | 0.780 | 0.20        | 1.14   | 3.680        | 0.145 | N/A         | J              |
| CIM032DF 04†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 28.60               | 1.126 | 0.14        | 0.77   | 4.960        | 0.195 | N/A         | J              |
| CIM032DF 05†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 41.90               | 1.650 | 0.09        | 0.52   | 6.880        | 0.271 | N/A         | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |
| CIM040DG 01†                      | 4.40             | .173 | 5.00                     | .197 | .40                   | .016 | 3.20                      | .126 | 5.72                       | 1.285 | 7.50                | 0.295 | 1.18        | 6.75   | 2.600        | 0.102 | E           | J              |
| CIM040DG 02†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 11.00               | 0.433 | 0.75        | 4.30   | 3.400        | 0.134 | E           | J              |
| CIM040DG 03†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 16.50               | 0.650 | 0.49        | 2.78   | 4.600        | 0.181 | E           | J              |
| CIM040DG 04†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 24.00               | 0.945 | 0.33        | 1.89   | 6.200        | 0.244 | E           | J              |
| CIM040DG 05†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 35.50               | 1.398 | 0.22        | 1.28   | 8.600        | 0.339 | E           | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |
| CIM040EG 01†                      | 5.40             | .213 | 6.00                     | .236 | .40                   | .016 | 4.10                      | .161 | 4.85                       | 1.091 | 10.50               | 0.413 | 0.61        | 3.46   | 2.600        | 0.102 | E           | J              |
| CIM040EG 02†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 16.00               | 0.630 | 0.39        | 2.20   | 3.400        | 0.134 | E           | J              |
| CIM040EG 03†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 24.00               | 0.945 | 0.25        | 1.42   | 4.600        | 0.181 | E           | J              |
| CIM040EG 04†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 35.00               | 1.378 | 0.17        | 0.97   | 6.200        | 0.244 | E           | J              |
| CIM040EG 05†                      |                  |      |                          |      |                       |      |                           |      |                            |       | 53.00               | 2.087 | 0.11        | 0.65   | 8.600        | 0.339 | E           | J              |
| **SEE NOTE ON PAGE 5 UNDER FINISH |                  |      |                          |      |                       |      |                           |      |                            |       |                     |       |             |        |              |       |             |                |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# Lite Pressure™ Compression Series

*When Light Pressure is the Right Pressure*



**Lite Pressure™ Compression Springs have useful applications in various industries, including:**

- Medical devices
- Firearms
- Pharmaceutical delivery devices
- Lighting and electrical control
- Petro-chemical processes
- Communication devices
- Aerospace
- Testing and measurement
- Marine industries
- Automotive
- Locks and security devices
- Precision Instruments
- Hardware
- ...and many more

Lite Pressure™ Compression Springs are ideal when a relatively low spring rate or workable load is needed in dimensions not normally available in conventional compression spring rate and size combinations.

The term “Lite Pressure” refers to the design performance of these springs, generally used where relatively low forces are required for a given diameter.

Lite Pressure™ Series Springs are made of passivated and ultrasonically cleaned Type 316 Stainless Steel to meet requirements for various applications that require improved corrosion resistance, enhanced cleanliness, and moderately elevated temperatures.

## WHY “PRESSURE”?

Pressure is described as a force which is exerted over a surface area. In regards to compression springs, the pressure exerted as the result of a specific deflection can be more technically described as force over a flat surface with a circular perimeter (the Nominal Hole in which the spring is being used). The term “Lite Pressure™” is used to describe a series of springs designed to be utilized where relatively low forces are required for a given diameter.

## HOW PRESSURE RATING FOR LP SERIES WOULD BE USED:

The pressure rating assigned to each item of the Lite Pressure™ series is a selection parameter to assist in meeting qualitative requirements or quantitative requirements. Each series is offered in increments within ranges from 1 to 5 psi, 1.5 to 5.5 psi or 5 to 15 psi pressure ratings.

## APPLICATIONS:

Lite Pressure™ Series Springs are ideal for many fluid power applications such as relief valves, check valves or pistons. Other applications could include motor brushes, contacts, displays, syringes, toys, dispensers and many more.



**Lee Spring can manufacture custom lite pressure springs to your specifications. Contact us today!**

# Lite Pressure™ Compression Springs

## Guide to using tables

COMPRESSION SPRINGS

### Lee Stock Number:

Lee Spring Part Number, add suffix S316 for Type 316 Stainless Steel.

### To Work In Hole Diameter:

Suggested minimum hole size if needed for spring containment.

### Pressure @ 80% Deflection:

The nominal pressure occurring at 80% of total available deflection.

### Approx. Load at Solid Height:

The load or force required to bring all coils into contact.

### Spring Rate:

Change in load or force per unit of deflection.

### Price Group:

Reference for price list.

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | WORK IN HOLE |      | WORK OVER ROD |      | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP   |
|------------------|------------------|------|--------------|------|---------------|------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|------|---------------|
|                  | IN.              | MM   | IN.          | MM   | IN.           | MM   | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   | 316 Stainless |
| LP 008A 01       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.313       | 7.95  | 0.201       | 0.004 | 0.046        | 1.17 | N             |
| LP 008A 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.122       | 0.002 | 0.060        | 1.53 | N             |
| LP 008A 03       | .218             | 5.54 | .234         | 5.94 | .156          | 3.97 | .008          | .20 | 1                         | 7   | .054                       | .024 | 0.625       | 15.88 | 0.097       | 0.002 | 0.070        | 1.77 | N             |
| LP 008A 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.080       | 0.001 | 0.079        | 2.01 | N             |
| LP 008A 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.060       | 0.001 | 0.098        | 2.49 | N             |
| LP 008A 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.047       | 0.001 | 0.117        | 2.98 | N             |
| LP 010A 01       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.313       | 7.95  | 0.129       | 0.002 | 0.060        | 1.58 | N             |

### Outside Diameter:

Spring outer diameter, parts listed in ascending order.

### Work Over Rod:

Suggested maximum rod size if needed to guide the inside of the spring.

### Wire Diameter:

In ascending order of size, within each group of outside diameters.

### Free Length:

The overall height of the spring in the unloaded position.

### Solid Height:

Length when fully compressed.

## Additional Information

### Pressure Calculation Example

Catalog spring LP 014E 05 S316 has the following characteristics:

Nominal Hole: 0.375 inch  
Free Length: 1.000 inch  
Solid Height: 0.143 inch  
Spring Rate: 0.161 lbs/inch

- The maximum recommended pressure for this spring will occur when the spring is at 80% of maximum available deflection (it is not generally recommended to use a compression spring all the way down to solid height).
- The maximum available deflection is the difference between the Free Length (1.000) and the Solid Height (0.143) or  $1.000 - 0.143 = 0.857$  inch.
- 80% of that would be  $0.857 \times 80\% = 0.686$  inch.
- The calculated load at this deflection would be the deflection (0.686) times the Spring Rate (0.161) or  $0.686 \text{ inch} \times 0.161 \text{ lbs/inch} = 0.110 \text{ lbs}$ .
- The surface area over the Nominal Hole diameter (0.375) would be  $\pi (\pi) \text{ times the diameter squared divided by four or } \pi (\pi) \times (0.375)^2 / 4 = 0.110 \text{ in}^2$ .
- The resultant pressure would then be determined by dividing the calculated load by the surface area or  $0.110 \text{ lbs} / 0.110 \text{ in}^2 = 1 \text{ lb/in}^2 \text{ (psi)}$ .

### Material

- Type 316 Stainless Steel

### Finish

- Passivated per ASTM A967
- Ultrasonically cleaned

Tolerances on Spring Rate:  $\pm 10\%$

Tolerances on Outside Diameter (for LP Series only):

|        |   |        |       |        |
|--------|---|--------|-------|--------|
| 0.201" | — | 0.300" | $\pm$ | 0.008" |
| 0.301" | — | 0.500" | $\pm$ | 0.010" |
| 0.501" | — | 0.850" | $\pm$ | 0.020" |
| 0.851" | — | 1.125" | $\pm$ | 0.025" |
| 1.126" | — | 1.460" | $\pm$ | 0.030" |
| 1.461" | — | 1.687" | $\pm$ | 0.040" |
| 1.688" | — | 1.937" | $\pm$ | 0.055" |
| 1.938" | — | 2.375" | $\pm$ | 0.070" |
| 2.376" | — | 2.875" | $\pm$ | 0.090" |

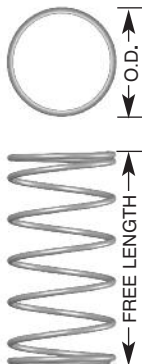
For additional information, pricing, availability, and technical support please contact Lee Spring by calling +91 80 49376666 or by email at [india-sales@leespring.com](mailto:india-sales@leespring.com)

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | WORK IN HOLE |      | WORK OVER ROD |      | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |
|------------------|------------------|------|--------------|------|---------------|------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|------|-------------|
|                  | IN.              | MM   | IN.          | MM   | IN.           | MM   | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   |             |
| LP 008A 01       | .218             | 5.54 | .234         | 5.94 | .156          | 3.96 | .008          | .20 | 1                         | 7   | .054                       | .024 | 0.313       | 7.95  | 0.201       | 0.004 | 0.046        | 1.17 | N           |
| LP 008A 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.122       | 0.002 | 0.060        | 1.53 | N           |
| LP 008A 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.097       | 0.002 | 0.070        | 1.77 | N           |
| LP 008A 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.080       | 0.001 | 0.079        | 2.01 | N           |
| LP 008A 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.060       | 0.001 | 0.098        | 2.49 | N           |
| LP 008A 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.047       | 0.001 | 0.117        | 2.98 | N           |
| LP 010A 01       | .218             | 5.54 | .234         | 5.94 | .156          | 3.96 | .010          | .25 | 2                         | 14  | .108                       | .049 | 0.313       | 7.95  | 0.429       | 0.008 | 0.062        | 1.58 | N           |
| LP 010A 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.258       | 0.005 | 0.084        | 2.13 | N           |
| LP 010A 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.204       | 0.004 | 0.098        | 2.49 | N           |
| LP 010A 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.169       | 0.003 | 0.112        | 2.85 | N           |
| LP 010A 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.125       | 0.002 | 0.141        | 3.58 | N           |
| LP 010A 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.100       | 0.002 | 0.170        | 4.31 | N           |
| LP 011A 01       | .218             | 5.54 | .234         | 5.94 | .156          | 3.96 | .011          | .28 | 3                         | 21  | .161                       | .073 | 0.313       | 7.95  | 0.657       | 0.012 | 0.068        | 1.72 | N           |
| LP 011A 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.394       | 0.007 | 0.091        | 2.30 | N           |
| LP 011A 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.311       | 0.006 | 0.106        | 2.69 | N           |
| LP 011A 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.257       | 0.005 | 0.121        | 3.09 | N           |
| LP 011A 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.190       | 0.003 | 0.152        | 3.87 | N           |
| LP 011A 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.151       | 0.003 | 0.183        | 4.65 | N           |
| LP 012A 01       | .218             | 5.54 | .234         | 5.94 | .156          | 3.96 | .012          | .30 | 4                         | 28  | .215                       | .098 | 0.313       | 7.95  | 0.905       | 0.016 | 0.075        | 1.91 | N           |
| LP 012A 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.540       | 0.010 | 0.102        | 2.59 | N           |
| LP 012A 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.425       | 0.008 | 0.120        | 3.04 | N           |
| LP 012A 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.351       | 0.006 | 0.137        | 3.49 | N           |
| LP 012A 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.260       | 0.005 | 0.173        | 4.39 | N           |
| LP 012A 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.206       | 0.004 | 0.208        | 5.29 | N           |
| LP 013A 01       | .218             | 5.54 | .234         | 5.94 | .156          | 3.96 | .013          | .33 | 5                         | 35  | .269                       | .122 | 0.313       | 7.95  | 0.981       | 0.018 | 0.094        | 2.39 | N           |
| LP 013A 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.583       | 0.010 | 0.131        | 3.34 | N           |
| LP 013A 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.459       | 0.008 | 0.156        | 3.97 | N           |
| LP 013A 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.378       | 0.007 | 0.181        | 4.61 | N           |
| LP 013A 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.280       | 0.005 | 0.232        | 5.88 | N           |
| LP 013A 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.222       | 0.004 | 0.282        | 7.15 | N           |
| LP 010B 01       | .240             | 6.10 | .250         | 6.35 | .188          | 4.78 | .010          | .25 | 1                         | 7   | .061                       | .028 | 0.313       | 7.95  | 0.253       | 0.005 | 0.071        | 1.79 | N           |
| LP 010B 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.152       | 0.003 | 0.097        | 2.47 | N           |
| LP 010B 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.120       | 0.002 | 0.115        | 2.93 | N           |
| LP 010B 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.099       | 0.002 | 0.133        | 3.39 | N           |
| LP 010B 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.074       | 0.001 | 0.169        | 4.30 | N           |
| LP 010B 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.059       | 0.001 | 0.205        | 5.21 | N           |
| LP 011B 01       | .240             | 6.10 | .250         | 6.35 | .188          | 4.78 | .011          | .28 | 2                         | 14  | .123                       | .056 | 0.313       | 7.95  | 0.498       | 0.009 | 0.067        | 1.69 | N           |
| LP 011B 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.299       | 0.005 | 0.089        | 2.26 | N           |
| LP 011B 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.236       | 0.004 | 0.104        | 2.65 | N           |
| LP 011B 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.195       | 0.003 | 0.119        | 3.03 | N           |
| LP 011B 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.144       | 0.003 | 0.149        | 3.79 | N           |
| LP 011B 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.115       | 0.002 | 0.179        | 4.55 | N           |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | WORK IN HOLE |      | WORK OVER ROD |      | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |
|------------------|------------------|------|--------------|------|---------------|------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|------|-------------|
|                  | IN.              | MM   | IN.          | MM   | IN.           | MM   | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   |             |
| LP 012B 01       | .240             | 6.10 | .250         | 6.35 | .188          | 4.78 | .012          | .30 | 3                         | 21  | .184                       | .083 | 0.313       | 7.95  | 0.759       | 0.014 | 0.071        | 1.79 | N           |
| LP 012B 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.453       | 0.008 | 0.094        | 2.39 | N           |
| LP 012B 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.357       | 0.006 | 0.109        | 2.78 | N           |
| LP 012B 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.295       | 0.005 | 0.125        | 3.18 | N           |
| LP 012B 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.218       | 0.004 | 0.156        | 3.97 | N           |
| LP 012B 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.173       | 0.003 | 0.187        | 4.76 | N           |
| LP 013B 01       | .240             | 6.10 | .250         | 6.35 | .188          | 4.78 | .013          | .33 | 4                         | 28  | .245                       | .111 | 0.313       | 7.95  | 1.041       | 0.019 | 0.077        | 1.96 | N           |
| LP 013B 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.618       | 0.011 | 0.103        | 2.62 | N           |
| LP 013B 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.487       | 0.009 | 0.121        | 3.06 | N           |
| LP 013B 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.401       | 0.007 | 0.138        | 3.50 | N           |
| LP 013B 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.297       | 0.005 | 0.173        | 4.39 | N           |
| LP 013B 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.235       | 0.004 | 0.208        | 5.27 | N           |
| LP 014B 01       | .240             | 6.10 | .250         | 6.35 | .188          | 4.78 | .014          | .36 | 5                         | 35  | .307                       | .139 | 0.313       | 7.95  | 1.121       | 0.020 | 0.094        | 2.39 | N           |
| LP 014B 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.663       | 0.012 | 0.130        | 3.30 | N           |
| LP 014B 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.521       | 0.009 | 0.154        | 3.91 | N           |
| LP 014B 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.429       | 0.008 | 0.178        | 4.52 | N           |
| LP 014B 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.317       | 0.006 | 0.226        | 5.73 | N           |
| LP 014B 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.251       | 0.004 | 0.274        | 6.95 | N           |
| LP 010BC 01      | .265             | 6.73 | .281         | 7.14 | .219          | 5.56 | .010          | .25 | 1.5                       | 10  | .103                       | .047 | 0.313       | 7.95  | 0.392       | 0.007 | 0.049        | 1.25 | N           |
| LP 010BC 02      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.236       | 0.004 | 0.062        | 1.57 | N           |
| LP 010BC 03      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.186       | 0.003 | 0.070        | 1.79 | N           |
| LP 010BC 04      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.154       | 0.003 | 0.079        | 2.00 | N           |
| LP 010BC 05      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.114       | 0.002 | 0.096        | 2.44 | N           |
| LP 010BC 06      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.091       | 0.002 | 0.113        | 2.87 | N           |
| LP 012BC 01      | .265             | 6.73 | .281         | 7.14 | .219          | 5.56 | .012          | .30 | 2.5                       | 17  | .172                       | .078 | 0.313       | 7.95  | 0.692       | 0.012 | 0.064        | 1.62 | N           |
| LP 012BC 02      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.413       | 0.007 | 0.083        | 2.10 | N           |
| LP 012BC 03      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.325       | 0.006 | 0.095        | 2.41 | N           |
| LP 012BC 04      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.268       | 0.005 | 0.108        | 2.73 | N           |
| LP 012BC 05      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.199       | 0.004 | 0.133        | 3.37 | N           |
| LP 012BC 06      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.158       | 0.003 | 0.158        | 4.01 | N           |
| LP 013BC 01      | .265             | 6.73 | .281         | 7.14 | .219          | 5.56 | .013          | .33 | 3.5                       | 24  | .241                       | .109 | 0.313       | 7.95  | 0.987       | 0.018 | 0.068        | 1.74 | N           |
| LP 013BC 02      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.586       | 0.010 | 0.088        | 2.25 | N           |
| LP 013BC 03      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.461       | 0.008 | 0.102        | 2.59 | N           |
| LP 013BC 04      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.380       | 0.007 | 0.115        | 2.93 | N           |
| LP 013BC 05      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.281       | 0.005 | 0.142        | 3.61 | N           |
| LP 013BC 06      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.223       | 0.004 | 0.169        | 4.29 | N           |
| LP 014BC 01      | .265             | 6.73 | .281         | 7.14 | .219          | 5.56 | .014          | .36 | 4.5                       | 31  | .310                       | .141 | 0.313       | 7.95  | 1.302       | 0.023 | 0.075        | 1.90 | N           |
| LP 014BC 02      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.770       | 0.014 | 0.097        | 2.47 | N           |
| LP 014BC 03      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.605       | 0.011 | 0.112        | 2.85 | N           |
| LP 014BC 04      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.498       | 0.009 | 0.127        | 3.23 | N           |
| LP 014BC 05      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.368       | 0.007 | 0.157        | 4.00 | N           |
| LP 014BC 06      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.292       | 0.005 | 0.188        | 4.76 | N           |

### SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

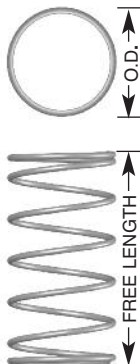
**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | WORK IN HOLE |      | WORK OVER ROD |      | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |
|------------------|------------------|------|--------------|------|---------------|------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|------|-------------|
|                  | IN.              | MM   | IN.          | MM   | IN.           | MM   | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   |             |
| LP 016BC 01      | .265             | 6.73 | .281         | 7.14 | .188          | 4.78 | .016          | .41 | 5.5                       | 38  | .379                       | .172 | 0.313       | 7.95  | 1.751       | 0.031 | 0.096        | 2.45 | N           |
| LP 016BC 02      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 1.027       | 0.018 | 0.131        | 3.32 | N           |
| LP 016BC 03      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.804       | 0.014 | 0.154        | 3.90 | N           |
| LP 016BC 04      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.661       | 0.012 | 0.176        | 4.48 | N           |
| LP 016BC 05      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.487       | 0.009 | 0.222        | 5.64 | N           |
| LP 016BC 06      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.386       | 0.007 | 0.268        | 6.80 | N           |
| LP 011C 01       | .300             | 7.62 | .313         | 7.95 | .250          | 6.35 | .011          | .28 | 1                         | 7   | .096                       | .044 | 0.313       | 7.95  | 0.373       | 0.007 | 0.055        | 1.41 | N           |
| LP 011C 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.224       | 0.004 | 0.070        | 1.79 | N           |
| LP 011C 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.177       | 0.003 | 0.080        | 2.04 | N           |
| LP 011C 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.146       | 0.003 | 0.090        | 2.29 | N           |
| LP 011C 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.108       | 0.002 | 0.110        | 2.80 | N           |
| LP 011C 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.086       | 0.002 | 0.130        | 3.31 | N           |
| LP 012C 01       | .300             | 7.62 | .313         | 7.95 | .250          | 6.35 | .012          | .30 | 2                         | 14  | .192                       | .087 | 0.313       | 7.95  | 0.741       | 0.013 | 0.054        | 1.36 | N           |
| LP 012C 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.443       | 0.008 | 0.065        | 1.66 | N           |
| LP 012C 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.349       | 0.006 | 0.073        | 1.86 | N           |
| LP 012C 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.288       | 0.005 | 0.081        | 2.06 | N           |
| LP 012C 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.213       | 0.004 | 0.097        | 2.47 | N           |
| LP 012C 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.169       | 0.003 | 0.113        | 2.87 | N           |
| LP 013C 01       | .300             | 7.62 | .313         | 7.95 | .250          | 6.35 | .013          | .33 | 3                         | 21  | .289                       | .131 | 0.313       | 7.95  | 1.125       | 0.020 | 0.056        | 1.43 | N           |
| LP 013C 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.668       | 0.012 | 0.068        | 1.74 | N           |
| LP 013C 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.526       | 0.009 | 0.076        | 1.94 | N           |
| LP 013C 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.433       | 0.008 | 0.084        | 2.14 | N           |
| LP 013C 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.321       | 0.006 | 0.100        | 2.55 | N           |
| LP 013C 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.254       | 0.005 | 0.116        | 2.95 | N           |
| LP 014C 01       | .300             | 7.62 | .313         | 7.95 | .250          | 6.35 | .014          | .36 | 4                         | 28  | .385                       | .174 | 0.313       | 7.95  | 1.526       | 0.027 | 0.061        | 1.55 | N           |
| LP 014C 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.903       | 0.016 | 0.074        | 1.88 | N           |
| LP 014C 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.709       | 0.013 | 0.083        | 2.10 | N           |
| LP 014C 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.584       | 0.010 | 0.091        | 2.32 | N           |
| LP 014C 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.432       | 0.008 | 0.109        | 2.76 | N           |
| LP 014C 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.342       | 0.006 | 0.126        | 3.20 | N           |
| LP 016C 01       | .300             | 7.62 | .313         | 7.95 | .250          | 6.35 | .016          | .41 | 5                         | 35  | .481                       | .218 | 0.313       | 7.95  | 1.668       | 0.030 | 0.082        | 2.09 | N           |
| LP 016C 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.978       | 0.017 | 0.107        | 2.71 | N           |
| LP 016C 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.766       | 0.014 | 0.123        | 3.12 | N           |
| LP 016C 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.630       | 0.011 | 0.139        | 3.53 | N           |
| LP 016C 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.464       | 0.008 | 0.171        | 4.35 | N           |
| LP 016C 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.368       | 0.007 | 0.204        | 5.17 | N           |
| LP 013D 01       | .312             | 7.92 | .328         | 8.33 | .250          | 6.35 | .013          | .33 | 1                         | 7   | .106                       | .048 | 0.313       | 7.95  | 0.449       | 0.008 | 0.078        | 1.97 | N           |
| LP 013D 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.267       | 0.005 | 0.104        | 2.64 | N           |
| LP 013D 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.210       | 0.004 | 0.122        | 3.09 | N           |
| LP 013D 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.173       | 0.003 | 0.139        | 3.54 | N           |
| LP 013D 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.128       | 0.002 | 0.175        | 4.44 | N           |
| LP 013D 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.102       | 0.002 | 0.210        | 5.33 | N           |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | WORK IN HOLE |      | WORK OVER ROD |      | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |
|------------------|------------------|------|--------------|------|---------------|------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|------|-------------|
|                  | IN.              | MM   | IN.          | MM   | IN.           | MM   | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   |             |
| LP 014D 01       | .312             | 7.92 | .328         | 8.33 | .250          | 6.35 | .014          | .36 | 2                         | 14  | .211                       | .096 | 0.313       | 7.95  | 0.873       | 0.016 | 0.071        | 1.81 | N           |
| LP 014D 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.517       | 0.009 | 0.091        | 2.32 | N           |
| LP 014D 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.406       | 0.007 | 0.105        | 2.66 | N           |
| LP 014D 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.334       | 0.006 | 0.118        | 3.00 | N           |
| LP 014D 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.247       | 0.004 | 0.145        | 3.68 | N           |
| LP 014D 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.196       | 0.003 | 0.172        | 4.36 | N           |
| LP 016D 01       | .312             | 7.92 | .328         | 8.33 | .250          | 6.35 | .016          | .41 | 3                         | 21  | .317                       | .144 | 0.313       | 7.95  | 1.386       | 0.025 | 0.084        | 2.15 | N           |
| LP 016D 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 0.813       | 0.015 | 0.110        | 2.80 | N           |
| LP 016D 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.637       | 0.011 | 0.127        | 3.24 | N           |
| LP 016D 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.523       | 0.009 | 0.145        | 3.67 | N           |
| LP 016D 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.386       | 0.007 | 0.179        | 4.55 | N           |
| LP 016D 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.306       | 0.005 | 0.213        | 5.42 | N           |
| LP 018D 01       | .312             | 7.92 | .328         | 8.33 | .250          | 6.35 | .018          | .46 | 4                         | 28  | .422                       | .192 | 0.313       | 7.95  | 1.990       | 0.036 | 0.101        | 2.56 | N           |
| LP 018D 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 1.156       | 0.021 | 0.134        | 3.41 | N           |
| LP 018D 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.903       | 0.016 | 0.157        | 3.99 | N           |
| LP 018D 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.741       | 0.013 | 0.180        | 4.56 | N           |
| LP 018D 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.545       | 0.010 | 0.225        | 5.71 | N           |
| LP 018D 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.431       | 0.008 | 0.270        | 6.85 | N           |
| LP 020D 01       | .312             | 7.92 | .328         | 8.33 | .250          | 6.35 | .020          | .51 | 5                         | 35  | .528                       | .240 | 0.313       | 7.95  | 2.722       | 0.049 | 0.119        | 3.02 | N           |
| LP 020D 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.500       | 12.70 | 1.565       | 0.028 | 0.163        | 4.13 | N           |
| LP 020D 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 1.219       | 0.022 | 0.192        | 4.87 | N           |
| LP 020D 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.998       | 0.018 | 0.221        | 5.61 | N           |
| LP 020D 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.733       | 0.013 | 0.279        | 7.09 | N           |
| LP 020D 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.579       | 0.010 | 0.338        | 8.58 | N           |
| LP 013DE 01      | .330             | 8.38 | .344         | 8.74 | .281          | 7.14 | .013          | .33 | 1.5                       | 10  | .160                       | .073 | 0.500       | 12.70 | 0.379       | 0.007 | 0.077        | 1.97 | N           |
| LP 013DE 02      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.299       | 0.005 | 0.088        | 2.23 | N           |
| LP 013DE 03      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.246       | 0.004 | 0.098        | 2.49 | N           |
| LP 013DE 04      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.209       | 0.004 | 0.109        | 2.76 | N           |
| LP 013DE 05      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.182       | 0.003 | 0.119        | 3.02 | N           |
| LP 013DE 06      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.144       | 0.003 | 0.140        | 3.55 | N           |
| LP 014DE 01      | .330             | 8.38 | .344         | 8.74 | .281          | 7.14 | .014          | .36 | 2.5                       | 17  | .267                       | .121 | 0.500       | 12.70 | 0.630       | 0.011 | 0.076        | 1.93 | N           |
| LP 014DE 02      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.495       | 0.009 | 0.085        | 2.16 | N           |
| LP 014DE 03      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.408       | 0.007 | 0.094        | 2.39 | N           |
| LP 014DE 04      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.346       | 0.006 | 0.103        | 2.63 | N           |
| LP 014DE 05      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.301       | 0.005 | 0.113        | 2.86 | N           |
| LP 014DE 06      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.239       | 0.004 | 0.131        | 3.33 | N           |
| LP 016DE 01      | .330             | 8.38 | .344         | 8.74 | .281          | 7.14 | .016          | .41 | 3.5                       | 24  | .374                       | .170 | 0.500       | 12.70 | 0.922       | 0.016 | 0.094        | 2.39 | N           |
| LP 016DE 02      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.722       | 0.013 | 0.107        | 2.71 | N           |
| LP 016DE 03      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.593       | 0.011 | 0.119        | 3.03 | N           |
| LP 016DE 04      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.504       | 0.009 | 0.132        | 3.35 | N           |
| LP 016DE 05      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.438       | 0.008 | 0.145        | 3.68 | N           |
| LP 016DE 06      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.347       | 0.006 | 0.170        | 4.32 | N           |

### SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

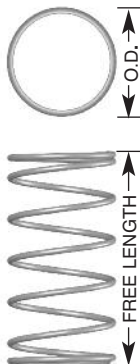
**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | WORK IN HOLE |      | WORK OVER ROD |      | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |
|------------------|------------------|------|--------------|------|---------------|------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|------|-------------|
|                  | IN.              | MM   | IN.          | MM   | IN.           | MM   | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   |             |
| LP 018DE 01      | .330             | 8.38 | .344         | 8.74 | .250          | 6.35 | .018          | .46 | 4.5                       | 31  | .481                       | .218 | 0.500       | 12.70 | 1.253       | 0.022 | 0.116        | 2.95 | N           |
| LP 018DE 02      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.979       | 0.017 | 0.133        | 3.39 | N           |
| LP 018DE 03      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.803       | 0.014 | 0.151        | 3.83 | N           |
| LP 018DE 04      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.681       | 0.012 | 0.168        | 4.27 | N           |
| LP 018DE 05      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.591       | 0.011 | 0.186        | 4.72 | N           |
| LP 018DE 06      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.467       | 0.008 | 0.220        | 5.60 | N           |
| LP 020DE 01      | .330             | 8.38 | .344         | 8.74 | .250          | 6.35 | .020          | .51 | 5.5                       | 38  | .588                       | .267 | 0.500       | 12.70 | 1.642       | 0.029 | 0.142        | 3.60 | N           |
| LP 020DE 02      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 1.278       | 0.023 | 0.165        | 4.19 | N           |
| LP 020DE 03      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 1.047       | 0.019 | 0.188        | 4.78 | N           |
| LP 020DE 04      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.886       | 0.016 | 0.212        | 5.37 | N           |
| LP 020DE 05      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.768       | 0.014 | 0.235        | 5.96 | N           |
| LP 020DE 06      |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.607       | 0.011 | 0.281        | 7.14 | N           |
| LP 014E 01       | .360             | 9.14 | .375         | 9.53 | .313          | 7.94 | .014          | .36 | 1                         | 7   | .138                       | .063 | 0.500       | 12.70 | 0.337       | 0.006 | 0.090        | 2.29 | N           |
| LP 014E 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.265       | 0.005 | 0.103        | 2.63 | N           |
| LP 014E 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.218       | 0.004 | 0.116        | 2.96 | N           |
| LP 014E 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.185       | 0.003 | 0.130        | 3.29 | N           |
| LP 014E 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.161       | 0.003 | 0.143        | 3.63 | N           |
| LP 014E 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.128       | 0.002 | 0.169        | 4.29 | N           |
| LP 016E 01       | .360             | 9.14 | .375         | 9.53 | .313          | 7.94 | .016          | .41 | 2                         | 14  | .276                       | .125 | 0.500       | 12.70 | 0.682       | 0.012 | 0.095        | 2.42 | N           |
| LP 016E 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.534       | 0.010 | 0.108        | 2.75 | N           |
| LP 016E 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.439       | 0.008 | 0.121        | 3.08 | N           |
| LP 016E 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.373       | 0.007 | 0.134        | 3.41 | N           |
| LP 016E 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.324       | 0.006 | 0.147        | 3.74 | N           |
| LP 016E 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.257       | 0.005 | 0.174        | 4.41 | N           |
| LP 018E 01       | .360             | 9.14 | .375         | 9.53 | .281          | 7.14 | .018          | .46 | 3                         | 21  | .414                       | .188 | 0.500       | 12.70 | 1.061       | 0.019 | 0.110        | 2.79 | N           |
| LP 018E 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.829       | 0.015 | 0.125        | 3.18 | N           |
| LP 018E 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.680       | 0.012 | 0.141        | 3.58 | N           |
| LP 018E 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.576       | 0.010 | 0.156        | 3.97 | N           |
| LP 018E 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.500       | 0.009 | 0.172        | 4.37 | N           |
| LP 018E 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.396       | 0.007 | 0.203        | 5.16 | N           |
| LP 020E 01       | .360             | 9.14 | .375         | 9.53 | .281          | 7.14 | .020          | .51 | 4                         | 28  | .552                       | .250 | 0.500       | 12.70 | 1.486       | 0.027 | 0.128        | 3.26 | N           |
| LP 020E 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 1.158       | 0.021 | 0.148        | 3.76 | N           |
| LP 020E 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.948       | 0.017 | 0.167        | 4.25 | N           |
| LP 020E 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.802       | 0.014 | 0.187        | 4.75 | N           |
| LP 020E 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.696       | 0.012 | 0.206        | 5.24 | N           |
| LP 020E 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.550       | 0.010 | 0.245        | 6.23 | N           |
| LP 022E 01       | .360             | 9.14 | .375         | 9.53 | .281          | 7.14 | .022          | .56 | 5                         | 35  | .690                       | .313 | 0.500       | 12.70 | 1.975       | 0.035 | 0.150        | 3.82 | N           |
| LP 022E 02       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 1.533       | 0.027 | 0.175        | 4.44 | N           |
| LP 022E 03       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 1.253       | 0.022 | 0.199        | 5.06 | N           |
| LP 022E 04       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 1.059       | 0.019 | 0.223        | 5.68 | N           |
| LP 022E 05       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.918       | 0.016 | 0.248        | 6.29 | N           |
| LP 022E 06       |                  |      |              |      |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.724       | 0.013 | 0.296        | 7.53 | N           |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | WORK IN HOLE |       | WORK OVER ROD |      | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |
|------------------|------------------|------|--------------|-------|---------------|------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|------|-------------|
|                  | IN.              | MM   | IN.          | MM    | IN.           | MM   | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   |             |
| LP 016F 01       | .375             | 9.53 | .391         | 9.93  | .313          | 7.94 | .016          | .41 | 1                         | 7   | .150                       | .068 | 0.500       | 12.70 | 0.395       | 0.007 | 0.120        | 3.04 | N           |
| LP 016F 02       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.309       | 0.006 | 0.140        | 3.55 | N           |
| LP 016F 03       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.254       | 0.005 | 0.159        | 4.05 | N           |
| LP 016F 04       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.216       | 0.004 | 0.179        | 4.55 | N           |
| LP 016F 05       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.187       | 0.003 | 0.199        | 5.06 | N           |
| LP 016F 06       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.148       | 0.003 | 0.239        | 6.07 | N           |
| LP 018F 01       | .375             | 9.53 | .391         | 9.93  | .313          | 7.94 | .018          | .46 | 2                         | 14  | .300                       | .136 | 0.500       | 12.70 | 0.789       | 0.014 | 0.120        | 3.04 | N           |
| LP 018F 02       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.617       | 0.011 | 0.138        | 3.51 | N           |
| LP 018F 03       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.506       | 0.009 | 0.157        | 3.98 | N           |
| LP 018F 04       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.429       | 0.008 | 0.175        | 4.45 | N           |
| LP 018F 05       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.372       | 0.007 | 0.193        | 4.91 | N           |
| LP 018F 06       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.294       | 0.005 | 0.230        | 5.85 | N           |
| LP 020F 01       | .375             | 9.53 | .391         | 9.93  | .313          | 7.94 | .020          | .51 | 3                         | 21  | .450                       | .204 | 0.500       | 12.70 | 1.227       | 0.022 | 0.133        | 3.38 | N           |
| LP 020F 02       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.955       | 0.017 | 0.154        | 3.90 | N           |
| LP 020F 03       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.782       | 0.014 | 0.174        | 4.43 | N           |
| LP 020F 04       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.662       | 0.012 | 0.195        | 4.95 | N           |
| LP 020F 05       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.574       | 0.010 | 0.216        | 5.48 | N           |
| LP 020F 06       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.454       | 0.008 | 0.257        | 6.53 | N           |
| LP 022F 01       | .375             | 9.53 | .391         | 9.93  | .313          | 7.94 | .022          | .56 | 4                         | 28  | .600                       | .272 | 0.500       | 12.70 | 1.721       | 0.031 | 0.151        | 3.84 | N           |
| LP 022F 02       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 1.336       | 0.024 | 0.176        | 4.46 | N           |
| LP 022F 03       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 1.092       | 0.019 | 0.200        | 5.08 | N           |
| LP 022F 04       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.923       | 0.016 | 0.225        | 5.71 | N           |
| LP 022F 05       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.800       | 0.014 | 0.249        | 6.33 | N           |
| LP 022F 06       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.631       | 0.011 | 0.298        | 7.57 | N           |
| LP 024F 01       | .375             | 9.53 | .391         | 9.93  | .281          | 7.14 | .024          | .61 | 5                         | 35  | .750                       | .340 | 0.500       | 12.70 | 2.291       | 0.041 | 0.172        | 4.38 | N           |
| LP 024F 02       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 1.773       | 0.032 | 0.202        | 5.13 | N           |
| LP 024F 03       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 1.446       | 0.026 | 0.231        | 5.87 | N           |
| LP 024F 04       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 1.221       | 0.022 | 0.260        | 6.62 | N           |
| LP 024F 05       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.057       | 0.019 | 0.290        | 7.36 | N           |
| LP 024F 06       |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.832       | 0.015 | 0.348        | 8.85 | N           |
| LP 016FG 01      | .390             | 9.91 | .406         | 10.31 | .313          | 7.94 | .016          | .41 | 1.5                       | 10  | .224                       | .102 | 0.500       | 12.70 | 0.551       | 0.010 | 0.093        | 2.37 | N           |
| LP 016FG 02      |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.432       | 0.008 | 0.106        | 2.69 | N           |
| LP 016FG 03      |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.355       | 0.006 | 0.119        | 3.01 | N           |
| LP 016FG 04      |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.301       | 0.005 | 0.131        | 3.33 | N           |
| LP 016FG 05      |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.262       | 0.005 | 0.144        | 3.65 | N           |
| LP 016FG 06      |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.207       | 0.004 | 0.169        | 4.29 | P           |
| LP 018FG 01      | .390             | 9.91 | .406         | 10.31 | .313          | 7.94 | .018          | .46 | 2.5                       | 17  | .373                       | .169 | 0.500       | 12.70 | 0.940       | 0.017 | 0.103        | 2.61 | N           |
| LP 018FG 02      |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.734       | 0.013 | 0.116        | 2.96 | N           |
| LP 018FG 03      |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.602       | 0.011 | 0.130        | 3.31 | N           |
| LP 018FG 04      |                  |      |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.511       | 0.009 | 0.144        | 3.65 | N           |
| LP 018FG 05      |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.443       | 0.008 | 0.158        | 4.00 | N           |
| LP 018FG 06      |                  |      |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.350       | 0.006 | 0.185        | 4.70 | P           |

### SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

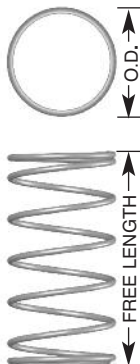
**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |      | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM   | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   |             |
| LP 020FG 01      | .390             | 9.91  | .406         | 10.31 | .313          | 7.94 | .020          | .51 | 3.5                       | 24  | .523                       | .237 | 0.500       | 12.70 | 1.367       | 0.024 | 0.118        | 2.99 | N           |
| LP 020FG 02      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 1.065       | 0.019 | 0.134        | 3.41 | N           |
| LP 020FG 03      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.872       | 0.016 | 0.151        | 3.82 | N           |
| LP 020FG 04      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.738       | 0.013 | 0.167        | 4.24 | N           |
| LP 020FG 05      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.640       | 0.011 | 0.183        | 4.66 | N           |
| LP 020FG 06      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.506       | 0.009 | 0.216        | 5.49 | P           |
| LP 022FG 01      | .390             | 9.91  | .406         | 10.31 | .313          | 7.94 | .022          | .56 | 4.5                       | 31  | .672                       | .305 | 0.500       | 12.70 | 1.846       | 0.033 | 0.136        | 3.45 | N           |
| LP 022FG 02      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 1.433       | 0.026 | 0.156        | 3.97 | N           |
| LP 022FG 03      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 1.171       | 0.021 | 0.176        | 4.48 | N           |
| LP 022FG 04      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.990       | 0.018 | 0.197        | 4.99 | N           |
| LP 022FG 05      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.858       | 0.015 | 0.217        | 5.50 | N           |
| LP 022FG 06      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.677       | 0.012 | 0.257        | 6.53 | P           |
| LP 024FG 01      | .390             | 9.91  | .406         | 10.31 | .313          | 7.94 | .024          | .61 | 5.5                       | 38  | .821                       | .373 | 0.500       | 12.70 | 2.393       | 0.043 | 0.157        | 3.98 | N           |
| LP 024FG 02      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 1.852       | 0.033 | 0.182        | 4.61 | N           |
| LP 024FG 03      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 1.511       | 0.027 | 0.206        | 5.24 | N           |
| LP 024FG 04      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 1.276       | 0.023 | 0.231        | 5.87 | N           |
| LP 024FG 05      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.104       | 0.020 | 0.256        | 6.50 | N           |
| LP 024FG 06      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.870       | 0.016 | 0.305        | 7.76 | P           |
| LP 018G 01       | .420             | 10.67 | .438         | 11.13 | .344          | 8.73 | .018          | .46 | 1                         | 7   | .188                       | .085 | 0.500       | 12.70 | 0.504       | 0.009 | 0.126        | 3.21 | N           |
| LP 018G 02       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.394       | 0.007 | 0.146        | 3.72 | N           |
| LP 018G 03       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.323       | 0.006 | 0.167        | 4.23 | N           |
| LP 018G 04       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.274       | 0.005 | 0.187        | 4.75 | N           |
| LP 018G 05       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.238       | 0.004 | 0.207        | 5.26 | N           |
| LP 018G 06       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.188       | 0.003 | 0.248        | 6.29 | P           |
| LP 020G 01       | .420             | 10.67 | .438         | 11.13 | .344          | 8.73 | .020          | .51 | 2                         | 14  | .377                       | .171 | 0.500       | 12.70 | 0.998       | 0.018 | 0.123        | 3.11 | N           |
| LP 020G 02       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 0.777       | 0.014 | 0.140        | 3.57 | N           |
| LP 020G 03       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.636       | 0.011 | 0.158        | 4.02 | N           |
| LP 020G 04       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.539       | 0.010 | 0.176        | 4.47 | N           |
| LP 020G 05       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.467       | 0.008 | 0.194        | 4.92 | N           |
| LP 020G 06       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.369       | 0.007 | 0.229        | 5.83 | P           |
| LP 022G 01       | .420             | 10.67 | .438         | 11.13 | .344          | 8.73 | .022          | .56 | 3                         | 21  | .565                       | .256 | 0.500       | 12.70 | 1.537       | 0.027 | 0.132        | 3.37 | N           |
| LP 022G 02       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 1.194       | 0.021 | 0.152        | 3.85 | N           |
| LP 022G 03       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.975       | 0.017 | 0.171        | 4.34 | N           |
| LP 022G 04       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 0.825       | 0.015 | 0.190        | 4.82 | N           |
| LP 022G 05       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.714       | 0.013 | 0.209        | 5.31 | N           |
| LP 022G 06       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.564       | 0.010 | 0.247        | 6.28 | P           |
| LP 024G 01       | .420             | 10.67 | .438         | 11.13 | .344          | 8.73 | .024          | .61 | 4                         | 28  | .753                       | .342 | 0.500       | 12.70 | 2.135       | 0.038 | 0.147        | 3.74 | N           |
| LP 024G 02       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 1.652       | 0.029 | 0.169        | 4.29 | N           |
| LP 024G 03       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 1.348       | 0.024 | 0.191        | 4.85 | N           |
| LP 024G 04       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 1.138       | 0.020 | 0.213        | 5.41 | N           |
| LP 024G 05       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.985       | 0.018 | 0.235        | 5.96 | N           |
| LP 024G 06       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.776       | 0.014 | 0.279        | 7.08 | P           |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |      | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM   | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 026G 01       | .420             | 10.67 | .438         | 11.13 | .344          | 8.73 | .026          | .66 | 5                         | 35  | .942                       | .427 | 0.500       | 12.70 | 2.807       | 0.050 | 0.165        | 4.18  | N           |
| LP 026G 02       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.625       | 15.88 | 2.166       | 0.039 | 0.190        | 4.83  | N           |
| LP 026G 03       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.750       | 19.05 | 1.763       | 0.031 | 0.216        | 5.48  | N           |
| LP 026G 04       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 0.875       | 22.23 | 1.486       | 0.027 | 0.241        | 6.13  | N           |
| LP 026G 05       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.285       | 0.023 | 0.267        | 6.78  | N           |
| LP 026G 06       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 1.011       | 0.018 | 0.318        | 8.08  | P           |
| LP 018GH 01      | .438             | 11.13 | .453         | 11.51 | .375          | 9.53 | .018          | .46 | 1.5                       | 10  | .283                       | .128 | 0.750       | 19.05 | 0.452       | 0.008 | 0.125        | 3.16  | P           |
| LP 018GH 02      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.332       | 0.006 | 0.150        | 3.81  | P           |
| LP 018GH 03      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.263       | 0.005 | 0.175        | 4.45  | P           |
| LP 018GH 04      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.217       | 0.004 | 0.201        | 5.10  | P           |
| LP 018GH 05      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.185       | 0.003 | 0.226        | 5.74  | P           |
| LP 018GH 06      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.162       | 0.003 | 0.251        | 6.38  | P           |
| LP 020GH 01      | .438             | 11.13 | .453         | 11.51 | .375          | 9.53 | .020          | .51 | 2.5                       | 17  | .471                       | .214 | 0.750       | 19.05 | 0.762       | 0.014 | 0.132        | 3.35  | P           |
| LP 020GH 02      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.559       | 0.010 | 0.158        | 4.01  | P           |
| LP 020GH 03      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.442       | 0.008 | 0.184        | 4.67  | P           |
| LP 020GH 04      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.365       | 0.007 | 0.210        | 5.34  | P           |
| LP 020GH 05      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.311       | 0.006 | 0.236        | 6.00  | P           |
| LP 020GH 06      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.271       | 0.005 | 0.262        | 6.66  | P           |
| LP 022GH 01      | .438             | 11.13 | .453         | 11.51 | .375          | 9.53 | .022          | .56 | 3.5                       | 24  | .659                       | .299 | 0.750       | 19.05 | 1.095       | 0.020 | 0.148        | 3.75  | P           |
| LP 022GH 02      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.802       | 0.014 | 0.178        | 4.51  | P           |
| LP 022GH 03      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.632       | 0.011 | 0.208        | 5.27  | P           |
| LP 022GH 04      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.522       | 0.009 | 0.237        | 6.03  | P           |
| LP 022GH 05      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.445       | 0.008 | 0.267        | 6.79  | P           |
| LP 022GH 06      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.387       | 0.007 | 0.297        | 7.55  | P           |
| LP 024GH 01      | .438             | 11.13 | .453         | 11.51 | .375          | 9.53 | .024          | .61 | 4.5                       | 31  | .848                       | .384 | 0.750       | 19.05 | 1.457       | 0.026 | 0.168        | 4.27  | P           |
| LP 024GH 02      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.064       | 0.019 | 0.204        | 5.18  | P           |
| LP 024GH 03      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.839       | 0.015 | 0.239        | 6.08  | P           |
| LP 024GH 04      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.692       | 0.012 | 0.275        | 6.98  | P           |
| LP 024GH 05      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.589       | 0.011 | 0.310        | 7.88  | P           |
| LP 024GH 06      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.512       | 0.009 | 0.346        | 8.78  | P           |
| LP 026GH 01      | .438             | 11.13 | .453         | 11.51 | .344          | 8.73 | .026          | .66 | 5.5                       | 38  | 1.036                      | .470 | 0.750       | 19.05 | 1.858       | 0.033 | 0.192        | 4.89  | P           |
| LP 026GH 02      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.354       | 0.024 | 0.235        | 5.97  | P           |
| LP 026GH 03      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 1.065       | 0.019 | 0.277        | 7.05  | P           |
| LP 026GH 04      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.878       | 0.016 | 0.320        | 8.13  | P           |
| LP 026GH 05      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.747       | 0.013 | 0.362        | 9.21  | P           |
| LP 026GH 06      |                  |       |              |       |               |      |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.649       | 0.012 | 0.405        | 10.29 | P           |
| LP 018H 01       | .455             | 11.56 | .469         | 11.91 | .375          | 9.53 | .018          | .46 | 1                         | 7   | .216                       | .098 | 0.750       | 19.05 | 0.351       | 0.006 | 0.135        | 3.42  | P           |
| LP 018H 02       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.258       | 0.005 | 0.164        | 4.16  | P           |
| LP 018H 03       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.204       | 0.004 | 0.193        | 4.89  | P           |
| LP 018H 04       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.169       | 0.003 | 0.222        | 5.63  | P           |
| LP 018H 05       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.144       | 0.003 | 0.251        | 6.36  | P           |
| LP 018H 06       |                  |       |              |       |               |      |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.126       | 0.002 | 0.279        | 7.10  | P           |

### SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

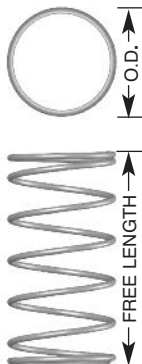
**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   |             |
| LP 020H 01       | .455             | 11.56 | .469         | 11.91 | .375          | 9.53  | .020          | .51 | 2                         | 14  | .432                       | .196 | 0.750       | 19.05 | 0.696       | 0.012 | 0.130        | 3.30 | P           |
| LP 020H 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.511       | 0.009 | 0.155        | 3.94 | P           |
| LP 020H 03       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.404       | 0.007 | 0.180        | 4.58 | P           |
| LP 020H 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.334       | 0.006 | 0.206        | 5.22 | P           |
| LP 020H 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.284       | 0.005 | 0.231        | 5.87 | P           |
| LP 020H 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.248       | 0.004 | 0.256        | 6.51 | P           |
| LP 022H 01       | .455             | 11.56 | .469         | 11.91 | .375          | 9.53  | .022          | .56 | 3                         | 21  | .648                       | .294 | 0.750       | 19.05 | 1.063       | 0.019 | 0.141        | 3.57 | P           |
| LP 022H 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.779       | 0.014 | 0.168        | 4.27 | P           |
| LP 022H 03       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.614       | 0.011 | 0.195        | 4.96 | P           |
| LP 022H 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.507       | 0.009 | 0.222        | 5.65 | P           |
| LP 022H 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.432       | 0.008 | 0.250        | 6.34 | P           |
| LP 022H 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.376       | 0.007 | 0.277        | 7.04 | P           |
| LP 024H 01       | .455             | 11.56 | .469         | 11.91 | .375          | 9.53  | .024          | .61 | 4                         | 28  | .864                       | .392 | 0.750       | 19.05 | 1.457       | 0.026 | 0.157        | 4.00 | P           |
| LP 024H 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.065       | 0.019 | 0.189        | 4.79 | P           |
| LP 024H 03       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.839       | 0.015 | 0.220        | 5.59 | P           |
| LP 024H 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.692       | 0.012 | 0.252        | 6.39 | P           |
| LP 024H 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.589       | 0.011 | 0.283        | 7.19 | P           |
| LP 024H 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.513       | 0.009 | 0.315        | 7.99 | P           |
| LP 026H 01       | .455             | 11.56 | .469         | 11.91 | .375          | 9.53  | .026          | .66 | 5                         | 35  | 1.080                      | .490 | 0.750       | 19.05 | 1.887       | 0.034 | 0.178        | 4.51 | P           |
| LP 026H 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.375       | 0.025 | 0.215        | 5.46 | P           |
| LP 026H 03       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 1.082       | 0.019 | 0.252        | 6.40 | P           |
| LP 026H 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.892       | 0.016 | 0.289        | 7.34 | P           |
| LP 026H 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.758       | 0.014 | 0.326        | 8.28 | P           |
| LP 026H 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.660       | 0.012 | 0.363        | 9.22 | P           |
| LP 020J 01       | .480             | 12.19 | .500         | 12.70 | .406          | 10.32 | .020          | .51 | 1                         | 7   | .245                       | .111 | 0.750       | 19.05 | 0.415       | 0.007 | 0.159        | 4.04 | P           |
| LP 020J 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.305       | 0.005 | 0.195        | 4.95 | P           |
| LP 020J 03       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.241       | 0.004 | 0.231        | 5.86 | P           |
| LP 020J 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.199       | 0.004 | 0.267        | 6.77 | P           |
| LP 020J 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.170       | 0.003 | 0.302        | 7.68 | P           |
| LP 020J 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.148       | 0.003 | 0.338        | 8.59 | R           |
| LP 022J 01       | .480             | 12.19 | .500         | 12.70 | .406          | 10.32 | .022          | .56 | 2                         | 14  | .491                       | .223 | 0.750       | 19.05 | 0.816       | 0.015 | 0.148        | 3.76 | P           |
| LP 022J 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.597       | 0.011 | 0.178        | 4.53 | P           |
| LP 022J 03       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.471       | 0.008 | 0.208        | 5.29 | P           |
| LP 022J 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.389       | 0.007 | 0.238        | 6.05 | P           |
| LP 022J 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.331       | 0.006 | 0.268        | 6.82 | P           |
| LP 022J 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.288       | 0.005 | 0.298        | 7.58 | R           |
| LP 024J 01       | .480             | 12.19 | .500         | 12.70 | .406          | 10.32 | .024          | .61 | 3                         | 21  | .736                       | .334 | 0.750       | 19.05 | 1.241       | 0.022 | 0.157        | 3.98 | P           |
| LP 024J 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.907       | 0.016 | 0.188        | 4.77 | P           |
| LP 024J 03       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.714       | 0.013 | 0.219        | 5.56 | P           |
| LP 024J 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.589       | 0.011 | 0.250        | 6.36 | P           |
| LP 024J 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.501       | 0.009 | 0.281        | 7.15 | P           |
| LP 024J 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.436       | 0.008 | 0.313        | 7.94 | R           |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 026J 01       | .480             | 12.19 | .500         | 12.70 | .406          | 10.32 | .026          | .66 | 4                         | 28  | .982                       | .445 | 0.750       | 19.05 | 1.697       | 0.030 | 0.172        | 4.36  | P           |
| LP 026J 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.237       | 0.022 | 0.206        | 5.24  | P           |
| LP 026J 03       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.973       | 0.017 | 0.241        | 6.12  | P           |
| LP 026J 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.802       | 0.014 | 0.276        | 7.01  | P           |
| LP 026J 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.682       | 0.012 | 0.311        | 7.89  | R           |
| LP 026J 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.593       | 0.011 | 0.345        | 8.78  | R           |
| LP 029J 01       | .480             | 12.19 | .500         | 12.70 | .375          | 9.53  | .029          | .74 | 5                         | 35  | 1.227                      | .557 | 0.750       | 19.05 | 2.273       | 0.041 | 0.210        | 5.33  | P           |
| LP 029J 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.650       | 0.029 | 0.256        | 6.51  | P           |
| LP 029J 03       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 1.296       | 0.023 | 0.303        | 7.69  | P           |
| LP 029J 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 1.066       | 0.019 | 0.349        | 8.87  | P           |
| LP 029J 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.906       | 0.016 | 0.395        | 10.05 | R           |
| LP 029J 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.788       | 0.014 | 0.442        | 11.22 | R           |
| LP 022JK 01      | .510             | 12.95 | .531         | 13.49 | .438          | 11.11 | .022          | .56 | 1.5                       | 10  | .383                       | .174 | 0.750       | 19.05 | 0.641       | 0.011 | 0.152        | 3.87  | P           |
| LP 022JK 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.469       | 0.008 | 0.184        | 4.68  | P           |
| LP 022JK 03      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.370       | 0.007 | 0.216        | 5.48  | R           |
| LP 022JK 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.306       | 0.005 | 0.247        | 6.28  | R           |
| LP 022JK 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.260       | 0.005 | 0.279        | 7.08  | R           |
| LP 022JK 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.227       | 0.004 | 0.311        | 7.89  | R           |
| LP 024JK 01      | .510             | 12.95 | .531         | 13.49 | .438          | 11.11 | .024          | .61 | 2.5                       | 17  | .638                       | .290 | 0.750       | 19.05 | 1.069       | 0.019 | 0.153        | 3.89  | P           |
| LP 024JK 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.781       | 0.014 | 0.183        | 4.65  | P           |
| LP 024JK 03      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.616       | 0.011 | 0.213        | 5.41  | R           |
| LP 024JK 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.508       | 0.009 | 0.243        | 6.17  | R           |
| LP 024JK 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.432       | 0.008 | 0.273        | 6.93  | R           |
| LP 024JK 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.376       | 0.007 | 0.303        | 7.68  | R           |
| LP 026JK 01      | .510             | 12.95 | .531         | 13.49 | .406          | 10.32 | .026          | .66 | 3.5                       | 24  | .894                       | .405 | 0.750       | 19.05 | 1.525       | 0.027 | 0.164        | 4.16  | P           |
| LP 026JK 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.111       | 0.020 | 0.196        | 4.97  | P           |
| LP 026JK 03      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.874       | 0.016 | 0.228        | 5.79  | R           |
| LP 026JK 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.721       | 0.013 | 0.260        | 6.60  | R           |
| LP 026JK 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.613       | 0.011 | 0.292        | 7.41  | R           |
| LP 026JK 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.533       | 0.010 | 0.324        | 8.22  | R           |
| LP 029JK 01      | .510             | 12.95 | .531         | 13.49 | .406          | 10.32 | .029          | .74 | 4.5                       | 31  | 1.149                      | .521 | 0.750       | 19.05 | 2.081       | 0.037 | 0.198        | 5.02  | P           |
| LP 029JK 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.511       | 0.027 | 0.239        | 6.08  | P           |
| LP 029JK 03      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 1.186       | 0.021 | 0.281        | 7.14  | R           |
| LP 029JK 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.976       | 0.017 | 0.323        | 8.20  | R           |
| LP 029JK 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.830       | 0.015 | 0.365        | 9.26  | R           |
| LP 029JK 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.721       | 0.013 | 0.406        | 10.32 | R           |
| LP 032JK 01      | .510             | 12.95 | .531         | 13.49 | .406          | 10.32 | .032          | .81 | 5.5                       | 38  | 1.404                      | .637 | 0.750       | 19.05 | 2.735       | 0.049 | 0.236        | 6.01  | P           |
| LP 032JK 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.978       | 0.035 | 0.290        | 7.37  | P           |
| LP 032JK 03      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 1.550       | 0.028 | 0.344        | 8.73  | R           |
| LP 032JK 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 1.274       | 0.023 | 0.397        | 10.10 | R           |
| LP 032JK 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 1.081       | 0.019 | 0.451        | 11.46 | R           |
| LP 032JK 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.939       | 0.017 | 0.505        | 12.82 | R           |

### SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

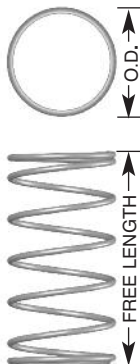
**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 022K 01       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.521       | 0.009 | 0.155        | 3.94  | P           |
| LP 022K 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.382       | 0.007 | 0.187        | 4.76  | P           |
| LP 022K 03       | .540             | 13.72 | .562         | 14.27 | .469          | 11.91 | .022          | .56 | 1                         | 7   | .310                       | .141 | 1.250       | 31.75 | 0.301       | 0.005 | 0.220        | 5.59  | R           |
| LP 022K 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.249       | 0.004 | 0.252        | 6.41  | R           |
| LP 022K 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.212       | 0.004 | 0.285        | 7.24  | R           |
| LP 022K 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.184       | 0.003 | 0.317        | 8.06  | R           |
| LP 024K 01       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 1.022       | 0.018 | 0.143        | 3.63  | P           |
| LP 024K 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.746       | 0.013 | 0.169        | 4.29  | P           |
| LP 024K 03       | .540             | 13.72 | .562         | 14.27 | .469          | 11.91 | .024          | .61 | 2                         | 14  | .620                       | .281 | 1.250       | 31.75 | 0.588       | 0.010 | 0.195        | 4.96  | R           |
| LP 024K 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.485       | 0.009 | 0.221        | 5.62  | R           |
| LP 024K 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.413       | 0.007 | 0.248        | 6.29  | R           |
| LP 024K 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.359       | 0.006 | 0.274        | 6.95  | R           |
| LP 026K 01       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 1.547       | 0.028 | 0.149        | 3.78  | P           |
| LP 026K 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.128       | 0.020 | 0.175        | 4.45  | P           |
| LP 026K 03       | .540             | 13.72 | .562         | 14.27 | .438          | 11.11 | .026          | .66 | 3                         | 21  | .930                       | .422 | 1.250       | 31.75 | 0.887       | 0.016 | 0.201        | 5.11  | R           |
| LP 026K 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.731       | 0.013 | 0.228        | 5.78  | R           |
| LP 026K 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.622       | 0.011 | 0.254        | 6.45  | R           |
| LP 026K 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.541       | 0.010 | 0.280        | 7.12  | R           |
| LP 029K 01       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 2.161       | 0.039 | 0.176        | 4.47  | P           |
| LP 029K 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.569       | 0.028 | 0.209        | 5.32  | P           |
| LP 029K 03       | .540             | 13.72 | .562         | 14.27 | .438          | 11.11 | .029          | .74 | 4                         | 28  | 1.240                      | .563 | 1.250       | 31.75 | 1.232       | 0.022 | 0.243        | 6.17  | R           |
| LP 029K 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 1.014       | 0.018 | 0.277        | 7.02  | R           |
| LP 029K 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.861       | 0.015 | 0.310        | 7.88  | R           |
| LP 029K 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.749       | 0.013 | 0.344        | 8.73  | R           |
| LP 032K 01       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 2.860       | 0.051 | 0.208        | 5.28  | P           |
| LP 032K 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 2.069       | 0.037 | 0.251        | 6.37  | P           |
| LP 032K 03       | .540             | 13.72 | .562         | 14.27 | .438          | 11.11 | .032          | .81 | 5                         | 35  | 1.550                      | .703 | 1.250       | 31.75 | 1.621       | 0.029 | 0.293        | 7.45  | R           |
| LP 032K 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 1.332       | 0.024 | 0.336        | 8.54  | R           |
| LP 032K 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 1.131       | 0.020 | 0.379        | 9.63  | R           |
| LP 032K 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.982       | 0.018 | 0.422        | 10.71 | R           |
| LP 024KL 01      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.796       | 0.014 | 0.149        | 3.78  | P           |
| LP 024KL 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.581       | 0.010 | 0.177        | 4.50  | P           |
| LP 024KL 03      | .570             | 14.48 | .594         | 15.09 | .469          | 11.91 | .024          | .61 | 1.5                       | 10  | .478                       | .217 | 1.250       | 31.75 | 0.458       | 0.008 | 0.205        | 5.22  | R           |
| LP 024KL 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.378       | 0.007 | 0.234        | 5.94  | R           |
| LP 024KL 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.322       | 0.006 | 0.262        | 6.66  | R           |
| LP 024KL 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.280       | 0.005 | 0.290        | 7.38  | R           |
| LP 026KL 01      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 1.324       | 0.024 | 0.148        | 3.75  | P           |
| LP 026KL 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.965       | 0.017 | 0.174        | 4.41  | P           |
| LP 026KL 03      | .570             | 14.48 | .594         | 15.09 | .469          | 11.91 | .026          | .66 | 2.5                       | 17  | .797                       | .362 | 1.250       | 31.75 | 0.759       | 0.014 | 0.200        | 5.07  | R           |
| LP 026KL 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.626       | 0.011 | 0.225        | 5.73  | R           |
| LP 026KL 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.532       | 0.010 | 0.251        | 6.38  | R           |
| LP 026KL 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.463       | 0.008 | 0.277        | 7.04  | R           |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 029KL 01      | .570             | 14.48 | .594         | 15.09 | .469          | 11.91 | .029          | .74 | 3.5                       | 24  | 1.116                      | .506 | 0.750       | 19.05 | 1.928       | 0.034 | 0.171        | 4.34  | P           |
| LP 029KL 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.400       | 0.025 | 0.203        | 5.15  | P           |
| LP 029KL 03      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 1.099       | 0.020 | 0.234        | 5.95  | R           |
| LP 029KL 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.905       | 0.016 | 0.266        | 6.76  | R           |
| LP 029KL 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.769       | 0.014 | 0.298        | 7.56  | R           |
| LP 029KL 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.668       | 0.012 | 0.329        | 8.36  | R           |
| LP 032KL 01      | .570             | 14.48 | .594         | 15.09 | .469          | 11.91 | .032          | .81 | 4.5                       | 31  | 1.435                      | .651 | 0.750       | 19.05 | 2.607       | 0.047 | 0.199        | 5.06  | P           |
| LP 032KL 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.886       | 0.034 | 0.239        | 6.07  | P           |
| LP 032KL 03      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 1.477       | 0.026 | 0.278        | 7.07  | R           |
| LP 032KL 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 1.214       | 0.022 | 0.318        | 8.07  | R           |
| LP 032KL 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 1.031       | 0.018 | 0.357        | 9.08  | R           |
| LP 032KL 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.895       | 0.016 | 0.397        | 10.08 | R           |
| LP 035KL 01      | .570             | 14.48 | .594         | 15.09 | .469          | 11.91 | .035          | .89 | 5.5                       | 38  | 1.754                      | .796 | 0.750       | 19.05 | 3.385       | 0.060 | 0.232        | 5.88  | P           |
| LP 035KL 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 2.439       | 0.044 | 0.281        | 7.13  | P           |
| LP 035KL 03      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 1.907       | 0.034 | 0.330        | 8.38  | R           |
| LP 035KL 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 1.565       | 0.028 | 0.379        | 9.63  | R           |
| LP 035KL 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 1.327       | 0.024 | 0.428        | 10.87 | R           |
| LP 035KL 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 1.152       | 0.021 | 0.477        | 12.12 | R           |
| LP 024L 01       | .600             | 15.24 | .625         | 15.88 | .500          | 12.70 | .024          | .61 | 1                         | 7   | .383                       | .174 | 0.750       | 19.05 | 0.642       | 0.011 | 0.153        | 3.89  | P           |
| LP 024L 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.469       | 0.008 | 0.183        | 4.65  | P           |
| LP 024L 03       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.370       | 0.007 | 0.213        | 5.41  | R           |
| LP 024L 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.305       | 0.005 | 0.243        | 6.17  | R           |
| LP 024L 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.260       | 0.005 | 0.273        | 6.93  | R           |
| LP 024L 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.226       | 0.004 | 0.303        | 7.68  | R           |
| LP 026L 01       | .600             | 15.24 | .625         | 15.88 | .500          | 12.70 | .026          | .66 | 2                         | 14  | .767                       | .348 | 0.750       | 19.05 | 1.258       | 0.022 | 0.140        | 3.57  | P           |
| LP 026L 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.917       | 0.016 | 0.164        | 4.16  | P           |
| LP 026L 03       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 0.721       | 0.013 | 0.187        | 4.75  | R           |
| LP 026L 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.595       | 0.011 | 0.210        | 5.34  | R           |
| LP 026L 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.506       | 0.009 | 0.233        | 5.93  | R           |
| LP 026L 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.440       | 0.008 | 0.257        | 6.52  | R           |
| LP 029L 01       | .600             | 15.24 | .625         | 15.88 | .500          | 12.70 | .029          | .74 | 3                         | 21  | 1.150                      | .522 | 0.750       | 19.05 | 1.943       | 0.035 | 0.158        | 4.01  | P           |
| LP 029L 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.411       | 0.025 | 0.185        | 4.69  | P           |
| LP 029L 03       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 1.108       | 0.020 | 0.211        | 5.37  | R           |
| LP 029L 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.912       | 0.016 | 0.238        | 6.05  | R           |
| LP 029L 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.775       | 0.014 | 0.265        | 6.73  | R           |
| LP 029L 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.673       | 0.012 | 0.292        | 7.40  | R           |
| LP 032L 01       | .600             | 15.24 | .625         | 15.88 | .500          | 12.70 | .032          | .81 | 4                         | 28  | 1.534                      | .696 | 0.750       | 19.05 | 2.696       | 0.048 | 0.181        | 4.60  | P           |
| LP 032L 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.950       | 0.035 | 0.213        | 5.42  | P           |
| LP 032L 03       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.250       | 31.75 | 1.528       | 0.027 | 0.246        | 6.24  | R           |
| LP 032L 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 1.256       | 0.022 | 0.278        | 7.07  | R           |
| LP 032L 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 1.066       | 0.019 | 0.311        | 7.89  | R           |
| LP 032L 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.926       | 0.017 | 0.343        | 8.72  | R           |

### SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

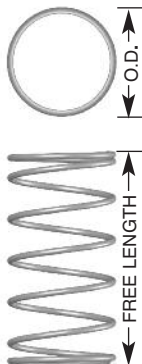
**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|-----|---------------------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM  | PSI                       | kPa | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 035L 01       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 3.537       | 0.063 | 0.208        | 5.28  | P           |
| LP 035L 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 2.549       | 0.046 | 0.248        | 6.29  | P           |
| LP 035L 03       | .600             | 15.24 | .625         | 15.88 | .500          | 12.70 | .035          | .89 | 5                         | 35  | 1.917                      | .870 | 1.250       | 31.75 | 1.993       | 0.036 | 0.288        | 7.31  | R           |
| LP 035L 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 1.635       | 0.029 | 0.328        | 8.32  | R           |
| LP 035L 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 1.387       | 0.025 | 0.367        | 9.33  | R           |
| LP 035L 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 1.204       | 0.021 | 0.407        | 10.35 | R           |
| LP 026LM 01      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.970       | 0.017 | 0.147        | 3.75  | S           |
| LP 026LM 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.707       | 0.013 | 0.173        | 4.40  | S           |
| LP 026LM 03      | .630             | 16.00 | .656         | 16.66 | .531          | 13.49 | .026          | .66 | 1.5                       | 10  | .584                       | .265 | 1.250       | 31.75 | 0.556       | 0.010 | 0.199        | 5.06  | S           |
| LP 026LM 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.458       | 0.008 | 0.225        | 5.72  | S           |
| LP 026LM 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.390       | 0.007 | 0.251        | 6.37  | S           |
| LP 026LM 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.339       | 0.006 | 0.277        | 7.03  | U           |
| LP 029LM 01      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 1.647       | 0.029 | 0.159        | 4.03  | S           |
| LP 029LM 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.196       | 0.021 | 0.186        | 4.72  | S           |
| LP 029LM 03      | .630             | 16.00 | .656         | 16.66 | .531          | 13.49 | .029          | .74 | 2.5                       | 17  | .974                       | .442 | 1.250       | 31.75 | 0.939       | 0.017 | 0.213        | 5.40  | S           |
| LP 029LM 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.773       | 0.014 | 0.240        | 6.09  | S           |
| LP 029LM 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.657       | 0.012 | 0.267        | 6.78  | S           |
| LP 029LM 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.571       | 0.010 | 0.294        | 7.46  | U           |
| LP 032LM 01      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 2.385       | 0.043 | 0.178        | 4.53  | S           |
| LP 032LM 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 1.726       | 0.031 | 0.210        | 5.33  | S           |
| LP 032LM 03      | .630             | 16.00 | .656         | 16.66 | .531          | 13.49 | .032          | .81 | 3.5                       | 24  | 1.364                      | .619 | 1.250       | 31.75 | 1.352       | 0.024 | 0.241        | 6.12  | S           |
| LP 032LM 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 1.111       | 0.020 | 0.273        | 6.92  | S           |
| LP 032LM 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.943       | 0.017 | 0.304        | 7.72  | S           |
| LP 032LM 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.819       | 0.015 | 0.335        | 8.52  | U           |
| LP 035LM 01      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 3.202       | 0.057 | 0.202        | 5.14  | S           |
| LP 035LM 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 2.307       | 0.041 | 0.240        | 6.10  | S           |
| LP 035LM 03      | .630             | 16.00 | .656         | 16.66 | .531          | 13.49 | .035          | .89 | 4.5                       | 31  | 1.753                      | .795 | 1.250       | 31.75 | 1.804       | 0.032 | 0.278        | 7.06  | S           |
| LP 035LM 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 1.480       | 0.026 | 0.316        | 8.01  | S           |
| LP 035LM 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 1.255       | 0.022 | 0.353        | 8.97  | S           |
| LP 035LM 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 1.090       | 0.019 | 0.391        | 9.93  | U           |
| LP 038LM 01      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 4.120       | 0.074 | 0.230        | 5.84  | S           |
| LP 038LM 02      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 2.958       | 0.053 | 0.275        | 7.00  | S           |
| LP 038LM 03      | .630             | 16.00 | .656         | 16.66 | .500          | 12.70 | .038          | .97 | 5.5                       | 38  | 2.143                      | .972 | 1.250       | 31.75 | 2.307       | 0.041 | 0.321        | 8.15  | S           |
| LP 038LM 04      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 1.891       | 0.034 | 0.366        | 9.31  | S           |
| LP 038LM 05      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 1.602       | 0.029 | 0.412        | 10.47 | S           |
| LP 038LM 06      |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 1.389       | 0.025 | 0.458        | 11.62 | U           |
| LP 026M 01       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 0.750       | 19.05 | 0.776       | 0.014 | 0.153        | 3.89  | S           |
| LP 026M 02       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.000       | 25.40 | 0.566       | 0.010 | 0.181        | 4.60  | S           |
| LP 026M 03       | .660             | 16.76 | .687         | 17.45 | .563          | 14.29 | .026          | .66 | 1                         | 7   | .463                       | .210 | 1.250       | 31.75 | 0.445       | 0.008 | 0.209        | 5.31  | S           |
| LP 026M 04       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.500       | 38.10 | 0.367       | 0.007 | 0.237        | 6.02  | S           |
| LP 026M 05       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 1.750       | 44.45 | 0.312       | 0.006 | 0.265        | 6.73  | S           |
| LP 026M 06       |                  |       |              |       |               |       |               |     |                           |     |                            |      | 2.000       | 50.80 | 0.271       | 0.005 | 0.293        | 7.44  | U           |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |     | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|-----|---------------------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM  | PSI                       | kPa | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 029M 01       | .660             | 16.76 | .687         | 17.45 | .563          | 14.29 | .029          | .74 | 2                         | 14  | .927                       | .420  | 0.750       | 19.05 | 1.552       | 0.028 | 0.153        | 3.88  | S           |
| LP 029M 02       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.000       | 25.40 | 1.127       | 0.020 | 0.178        | 4.51  | S           |
| LP 029M 03       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.250       | 31.75 | 0.885       | 0.016 | 0.202        | 5.14  | S           |
| LP 029M 04       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.500       | 38.10 | 0.728       | 0.013 | 0.227        | 5.77  | S           |
| LP 029M 05       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.750       | 44.45 | 0.619       | 0.011 | 0.252        | 6.40  | S           |
| LP 029M 06       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 2.000       | 50.80 | 0.538       | 0.010 | 0.277        | 7.03  | U           |
| LP 032M 01       | .660             | 16.76 | .687         | 17.45 | .563          | 14.29 | .032          | .81 | 3                         | 21  | 1.390                      | .630  | 0.750       | 19.05 | 2.384       | 0.043 | 0.167        | 4.24  | S           |
| LP 032M 02       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.000       | 25.40 | 1.725       | 0.031 | 0.194        | 4.93  | S           |
| LP 032M 03       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.250       | 31.75 | 1.351       | 0.024 | 0.221        | 5.62  | S           |
| LP 032M 04       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.500       | 38.10 | 1.111       | 0.020 | 0.248        | 6.31  | S           |
| LP 032M 05       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.750       | 44.45 | 0.943       | 0.017 | 0.276        | 7.00  | S           |
| LP 032M 06       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 2.000       | 50.80 | 0.819       | 0.015 | 0.303        | 7.69  | U           |
| LP 035M 01       | .660             | 16.76 | .687         | 17.45 | .563          | 14.29 | .035          | .89 | 4                         | 28  | 1.853                      | .841  | 0.750       | 19.05 | 3.290       | 0.059 | 0.187        | 4.74  | S           |
| LP 035M 02       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.000       | 25.40 | 2.371       | 0.042 | 0.218        | 5.55  | S           |
| LP 035M 03       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.250       | 31.75 | 1.854       | 0.033 | 0.250        | 6.35  | S           |
| LP 035M 04       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.500       | 38.10 | 1.521       | 0.027 | 0.282        | 7.16  | S           |
| LP 035M 05       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.750       | 44.45 | 1.290       | 0.023 | 0.313        | 7.96  | S           |
| LP 035M 06       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 2.000       | 50.80 | 1.120       | 0.020 | 0.345        | 8.77  | U           |
| LP 038M 01       | .660             | 16.76 | .687         | 17.45 | .531          | 13.49 | .038          | .97 | 5                         | 35  | 2.317                      | 1.051 | 0.750       | 19.05 | 4.290       | 0.077 | 0.210        | 5.33  | S           |
| LP 038M 02       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.000       | 25.40 | 3.079       | 0.055 | 0.248        | 6.29  | S           |
| LP 038M 03       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.250       | 31.75 | 2.402       | 0.043 | 0.285        | 7.25  | S           |
| LP 038M 04       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.500       | 38.10 | 1.969       | 0.035 | 0.323        | 8.21  | S           |
| LP 038M 05       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.750       | 44.45 | 1.668       | 0.030 | 0.361        | 9.16  | S           |
| LP 038M 06       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 2.000       | 50.80 | 1.447       | 0.026 | 0.399        | 10.12 | U           |
| LP 029N 01       | .720             | 18.29 | .750         | 19.05 | .625          | 15.88 | .029          | .74 | 1                         | 7   | .552                       | .250  | 0.750       | 19.05 | 0.950       | 0.017 | 0.169        | 4.29  | T           |
| LP 029N 02       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.000       | 25.40 | 0.690       | 0.012 | 0.200        | 5.07  | T           |
| LP 029N 03       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.250       | 31.75 | 0.542       | 0.010 | 0.230        | 5.85  | T           |
| LP 029N 04       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.500       | 38.10 | 0.446       | 0.008 | 0.261        | 6.64  | T           |
| LP 029N 05       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.750       | 44.45 | 0.379       | 0.007 | 0.292        | 7.42  | U           |
| LP 029N 06       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 2.000       | 50.80 | 0.329       | 0.006 | 0.323        | 8.20  | U           |
| LP 032N 01       | .720             | 18.29 | .750         | 19.05 | .625          | 15.88 | .032          | .81 | 2                         | 14  | 1.104                      | .501  | 0.750       | 19.05 | 1.886       | 0.034 | 0.164        | 4.17  | T           |
| LP 032N 02       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.000       | 25.40 | 1.364       | 0.024 | 0.190        | 4.84  | T           |
| LP 032N 03       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.250       | 31.75 | 1.069       | 0.019 | 0.217        | 5.50  | T           |
| LP 032N 04       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.500       | 38.10 | 0.878       | 0.016 | 0.243        | 6.16  | T           |
| LP 032N 05       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.750       | 44.45 | 0.746       | 0.013 | 0.269        | 6.83  | U           |
| LP 032N 06       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 2.000       | 50.80 | 0.648       | 0.012 | 0.295        | 7.49  | U           |
| LP 035N 01       | .720             | 18.29 | .750         | 19.05 | .594          | 15.08 | .035          | .89 | 3                         | 21  | 1.657                      | .751  | 0.750       | 19.05 | 2.885       | 0.052 | 0.176        | 4.47  | T           |
| LP 035N 02       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.000       | 25.40 | 2.079       | 0.037 | 0.203        | 5.16  | T           |
| LP 035N 03       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.250       | 31.75 | 1.625       | 0.029 | 0.231        | 5.86  | T           |
| LP 035N 04       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.500       | 38.10 | 1.334       | 0.024 | 0.258        | 6.56  | T           |
| LP 035N 05       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 1.750       | 44.45 | 1.131       | 0.020 | 0.286        | 7.25  | U           |
| LP 035N 06       |                  |       |              |       |               |       |               |     |                           |     |                            |       | 2.000       | 50.80 | 0.982       | 0.018 | 0.313        | 7.95  | U           |

### SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

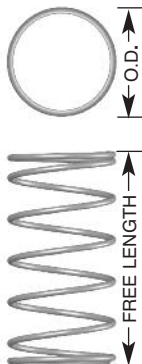
**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|------|---------------------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM   | PSI                       | kPa | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 038N 01       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 0.750       | 19.05 | 3.964       | 0.071 | 0.193        | 4.90  | T           |
| LP 038N 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.000       | 25.40 | 2.846       | 0.051 | 0.224        | 5.68  | T           |
| LP 038N 03       | .720             | 18.29 | .750         | 19.05 | .594          | 15.08 | .038          | .97  | 4                         | 28  | 2.209                      | 1.002 | 1.250       | 31.75 | 2.219       | 0.040 | 0.255        | 6.47  | T           |
| LP 038N 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.500       | 38.10 | 1.819       | 0.032 | 0.286        | 7.26  | T           |
| LP 038N 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 1.541       | 0.028 | 0.317        | 8.04  | U           |
| LP 038N 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 1.337       | 0.024 | 0.348        | 8.83  | U           |
| LP 042N 01       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 0.750       | 19.05 | 5.265       | 0.094 | 0.226        | 5.73  | T           |
| LP 042N 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.000       | 25.40 | 3.759       | 0.067 | 0.265        | 6.74  | T           |
| LP 042N 03       | .720             | 18.29 | .750         | 19.05 | .594          | 15.08 | .042          | 1.07 | 5                         | 35  | 2.761                      | 1.252 | 1.250       | 31.75 | 2.923       | 0.052 | 0.305        | 7.76  | T           |
| LP 042N 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.500       | 38.10 | 2.391       | 0.043 | 0.345        | 8.77  | T           |
| LP 042N 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 2.023       | 0.036 | 0.385        | 9.78  | U           |
| LP 042N 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 1.753       | 0.031 | 0.425        | 10.80 | U           |
| LP 035P 01       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.000       | 25.40 | 0.978       | 0.017 | 0.231        | 5.88  | X           |
| LP 035P 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.250       | 31.75 | 0.764       | 0.014 | 0.267        | 6.77  | X           |
| LP 035P 03       | .845             | 21.46 | .875         | 22.23 | .719          | 18.26 | .035          | .89  | 1                         | 7   | .752                       | .341  | 1.500       | 38.10 | 0.627       | 0.011 | 0.302        | 7.67  | X           |
| LP 035P 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 0.532       | 0.009 | 0.337        | 8.57  | X           |
| LP 035P 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 0.462       | 0.008 | 0.372        | 9.46  | Z           |
| LP 035P 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 0.408       | 0.007 | 0.408        | 10.36 | Z           |
| LP 038P 01       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.000       | 25.40 | 1.909       | 0.034 | 0.213        | 5.40  | X           |
| LP 038P 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.250       | 31.75 | 1.489       | 0.027 | 0.241        | 6.11  | X           |
| LP 038P 03       | .845             | 21.46 | .875         | 22.23 | .719          | 18.26 | .038          | .97  | 2                         | 14  | 1.503                      | .682  | 1.500       | 38.10 | 1.221       | 0.022 | 0.268        | 6.82  | X           |
| LP 038P 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 1.034       | 0.018 | 0.296        | 7.53  | X           |
| LP 038P 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 0.897       | 0.016 | 0.324        | 8.23  | Z           |
| LP 038P 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 0.792       | 0.014 | 0.352        | 8.94  | Z           |
| LP 042P 01       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.000       | 25.40 | 2.941       | 0.053 | 0.233        | 5.93  | X           |
| LP 042P 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.250       | 31.75 | 2.287       | 0.041 | 0.264        | 6.71  | X           |
| LP 042P 03       | .845             | 21.46 | .875         | 22.23 | .719          | 18.26 | .042          | 1.07 | 3                         | 21  | 2.255                      | 1.023 | 1.500       | 38.10 | 1.871       | 0.033 | 0.295        | 7.48  | X           |
| LP 042P 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 1.583       | 0.028 | 0.325        | 8.26  | X           |
| LP 042P 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 1.372       | 0.024 | 0.356        | 9.04  | Z           |
| LP 042P 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 1.210       | 0.022 | 0.387        | 9.82  | Z           |
| LP 045P 01       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.000       | 25.40 | 3.997       | 0.071 | 0.248        | 6.29  | X           |
| LP 045P 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.250       | 31.75 | 3.101       | 0.055 | 0.280        | 7.12  | X           |
| LP 045P 03       | .845             | 21.46 | .875         | 22.23 | .719          | 18.26 | .045          | 1.14 | 4                         | 28  | 3.007                      | 1.364 | 1.500       | 38.10 | 2.533       | 0.045 | 0.313        | 7.95  | X           |
| LP 045P 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 2.141       | 0.038 | 0.345        | 8.78  | X           |
| LP 045P 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 1.854       | 0.033 | 0.378        | 9.60  | Z           |
| LP 045P 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 1.635       | 0.029 | 0.411        | 10.43 | Z           |
| LP 049P 01       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.000       | 25.40 | 5.227       | 0.093 | 0.281        | 7.14  | X           |
| LP 049P 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.250       | 31.75 | 4.042       | 0.072 | 0.320        | 8.13  | X           |
| LP 049P 03       | .845             | 21.46 | .875         | 22.23 | .688          | 17.46 | .049          | 1.24 | 5                         | 35  | 3.758                      | 1.704 | 1.500       | 38.10 | 3.295       | 0.059 | 0.359        | 9.13  | X           |
| LP 049P 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 2.781       | 0.050 | 0.399        | 10.13 | X           |
| LP 049P 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 2.406       | 0.043 | 0.438        | 11.13 | Z           |
| LP 049P 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 2.120       | 0.038 | 0.477        | 12.12 | Z           |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|------|---------------------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM   | PSI                       | kPa | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 042R 01       | .970             | 24.64 | 1.000        | 25.40 | .844          | 21.43 | .042          | 1.07 | 1                         | 7   | .982                       | .445  | 1.250       | 31.75 | 1.055       | 0.019 | 0.320        | 8.12  | AE          |
| LP 042R 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.500       | 38.10 | 0.863       | 0.015 | 0.363        | 9.22  | AE          |
| LP 042R 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 0.730       | 0.013 | 0.406        | 10.31 | AE          |
| LP 042R 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 0.633       | 0.011 | 0.449        | 11.40 | AE          |
| LP 042R 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 0.558       | 0.010 | 0.492        | 12.50 | AG          |
| LP 042R 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 0.500       | 0.009 | 0.535        | 13.59 | AJ          |
| LP 045R 01       | .970             | 24.64 | 1.000        | 25.40 | .844          | 21.43 | .045          | 1.14 | 2                         | 14  | 1.963                      | .890  | 1.250       | 31.75 | 2.022       | 0.036 | 0.279        | 7.09  | AE          |
| LP 045R 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.500       | 38.10 | 1.652       | 0.029 | 0.311        | 7.91  | AE          |
| LP 045R 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 1.396       | 0.025 | 0.344        | 8.73  | AE          |
| LP 045R 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 1.209       | 0.022 | 0.376        | 9.55  | AE          |
| LP 045R 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 1.066       | 0.019 | 0.408        | 10.37 | AG          |
| LP 045R 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 0.953       | 0.017 | 0.441        | 11.19 | AJ          |
| LP 049R 01       | .970             | 24.64 | 1.000        | 25.40 | .813          | 20.64 | .049          | 1.24 | 3                         | 21  | 2.945                      | 1.336 | 1.250       | 31.75 | 3.080       | 0.055 | 0.294        | 7.46  | AE          |
| LP 049R 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.500       | 38.10 | 2.511       | 0.045 | 0.327        | 8.31  | AE          |
| LP 049R 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 2.119       | 0.038 | 0.360        | 9.15  | AE          |
| LP 049R 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 1.833       | 0.033 | 0.394        | 10.00 | AE          |
| LP 049R 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 1.615       | 0.029 | 0.427        | 10.84 | AG          |
| LP 049R 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 1.444       | 0.026 | 0.460        | 11.69 | AJ          |
| LP 055R 01       | .970             | 24.64 | 1.000        | 25.40 | .813          | 20.64 | .055          | 1.40 | 4                         | 28  | 3.927                      | 1.781 | 1.250       | 31.75 | 4.376       | 0.078 | 0.353        | 8.96  | AE          |
| LP 055R 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.500       | 38.10 | 3.557       | 0.064 | 0.396        | 10.06 | AE          |
| LP 055R 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 2.996       | 0.053 | 0.439        | 11.15 | AE          |
| LP 055R 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 2.588       | 0.046 | 0.482        | 12.25 | AE          |
| LP 055R 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 2.277       | 0.041 | 0.526        | 13.35 | AG          |
| LP 055R 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 2.033       | 0.036 | 0.569        | 14.45 | AJ          |
| LP 059R 01       | .970             | 24.64 | 1.000        | 25.40 | .813          | 20.64 | .059          | 1.50 | 5                         | 35  | 4.909                      | 2.226 | 1.250       | 31.75 | 5.676       | 0.101 | 0.385        | 9.79  | AE          |
| LP 059R 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.500       | 38.10 | 4.604       | 0.082 | 0.434        | 11.02 | AE          |
| LP 059R 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 3.872       | 0.069 | 0.482        | 12.25 | AE          |
| LP 059R 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 3.341       | 0.060 | 0.531        | 13.48 | AE          |
| LP 059R 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 2.938       | 0.052 | 0.579        | 14.71 | AG          |
| LP 059R 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 2.622       | 0.047 | 0.628        | 15.95 | AJ          |
| LP 045S 01       | 1.095            | 27.81 | 1.125        | 28.58 | .969          | 24.61 | .045          | 1.14 | 1                         | 7   | 1.243                      | .564  | 1.500       | 38.10 | 1.056       | 0.019 | 0.324        | 8.22  | AE          |
| LP 045S 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 0.893       | 0.016 | 0.358        | 9.10  | AE          |
| LP 045S 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 0.773       | 0.014 | 0.393        | 9.98  | AE          |
| LP 045S 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 0.682       | 0.012 | 0.427        | 10.85 | AE          |
| LP 045S 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 0.610       | 0.011 | 0.462        | 11.73 | AJ          |
| LP 045S 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 0.551       | 0.010 | 0.496        | 12.61 | AJ          |
| LP 049S 01       | 1.095            | 27.81 | 1.125        | 28.58 | .938          | 23.81 | .049          | 1.24 | 2                         | 14  | 2.485                      | 1.127 | 1.500       | 38.10 | 2.065       | 0.037 | 0.296        | 7.53  | AE          |
| LP 049S 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 1.743       | 0.031 | 0.324        | 8.23  | AE          |
| LP 049S 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 1.508       | 0.027 | 0.352        | 8.93  | AE          |
| LP 049S 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 1.328       | 0.024 | 0.379        | 9.63  | AE          |
| LP 049S 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 1.187       | 0.021 | 0.407        | 10.34 | AJ          |
| LP 049S 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 1.073       | 0.019 | 0.434        | 11.04 | AJ          |

## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit leespring.in for pricing.

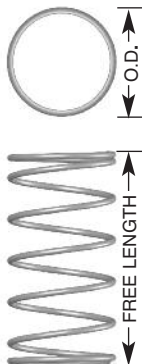
**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|------|---------------------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM   | PSI                       | kPa | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 055S 01       | 1.095            | 27.81 | 1.125        | 28.58 | .938          | 23.81 | .055          | 1.40 | 3                         | 21  | 3.728                      | 1.691 | 1.500       | 38.10 | 3.211       | 0.057 | 0.339        | 8.62  | AE          |
| LP 055S 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 2.705       | 0.048 | 0.372        | 9.44  | AE          |
| LP 055S 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 2.336       | 0.042 | 0.404        | 10.27 | AE          |
| LP 055S 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 2.056       | 0.037 | 0.437        | 11.10 | AE          |
| LP 055S 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 1.836       | 0.033 | 0.470        | 11.93 | AJ          |
| LP 055S 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 1.658       | 0.030 | 0.502        | 12.76 | AJ          |
| LP 059S 01       | 1.095            | 27.81 | 1.125        | 28.58 | .938          | 23.81 | .059          | 1.50 | 4                         | 28  | 4.970                      | 2.254 | 1.500       | 38.10 | 4.364       | 0.078 | 0.361        | 9.17  | AE          |
| LP 059S 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 3.671       | 0.066 | 0.396        | 10.06 | AE          |
| LP 059S 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 3.167       | 0.057 | 0.431        | 10.94 | AE          |
| LP 059S 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 2.785       | 0.050 | 0.466        | 11.83 | AE          |
| LP 059S 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 2.485       | 0.044 | 0.500        | 12.71 | AJ          |
| LP 059S 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 2.244       | 0.040 | 0.535        | 13.59 | AJ          |
| LP 063S 01       | 1.095            | 27.81 | 1.125        | 28.58 | .938          | 23.81 | .063          | 1.60 | 5                         | 35  | 6.213                      | 2.818 | 1.500       | 38.10 | 5.600       | 0.100 | 0.391        | 9.92  | AE          |
| LP 063S 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 4.703       | 0.084 | 0.429        | 10.90 | AE          |
| LP 063S 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 4.054       | 0.072 | 0.467        | 11.87 | AE          |
| LP 063S 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 3.562       | 0.064 | 0.506        | 12.85 | AE          |
| LP 063S 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 3.177       | 0.057 | 0.544        | 13.83 | AJ          |
| LP 063S 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 2.867       | 0.051 | 0.583        | 14.80 | AJ          |
| LP 055T 01       | 1.218            | 30.94 | 1.250        | 31.75 | 1.063         | 26.99 | .055          | 1.40 | 1                         | 7   | 1.534                      | .696  | 1.500       | 38.10 | 1.449       | 0.026 | 0.441        | 11.20 | AE          |
| LP 055T 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 1.220       | 0.022 | 0.493        | 12.52 | AE          |
| LP 055T 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 1.054       | 0.019 | 0.544        | 13.83 | AE          |
| LP 055T 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 0.928       | 0.017 | 0.596        | 15.14 | AE          |
| LP 055T 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 0.828       | 0.015 | 0.648        | 16.46 | AJ          |
| LP 055T 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 0.748       | 0.013 | 0.700        | 17.77 | AJ          |
| LP 059T 01       | 1.218            | 30.94 | 1.250        | 31.75 | 1.063         | 26.99 | .059          | 1.50 | 2                         | 14  | 3.068                      | 1.391 | 1.500       | 38.10 | 2.753       | 0.049 | 0.386        | 9.79  | AE          |
| LP 059T 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 2.315       | 0.041 | 0.425        | 10.79 | AE          |
| LP 059T 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 1.998       | 0.036 | 0.464        | 11.79 | AE          |
| LP 059T 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 1.757       | 0.031 | 0.504        | 12.80 | AE          |
| LP 059T 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 1.568       | 0.028 | 0.543        | 13.80 | AJ          |
| LP 059T 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 1.415       | 0.025 | 0.583        | 14.80 | AJ          |
| LP 063T 01       | 1.218            | 30.94 | 1.250        | 31.75 | 1.031         | 26.19 | .063          | 1.60 | 3                         | 21  | 4.602                      | 2.087 | 1.500       | 38.10 | 4.124       | 0.074 | 0.384        | 9.76  | AE          |
| LP 063T 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 3.464       | 0.062 | 0.421        | 10.71 | AE          |
| LP 063T 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 2.986       | 0.053 | 0.459        | 11.65 | AE          |
| LP 063T 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 2.624       | 0.047 | 0.496        | 12.60 | AE          |
| LP 063T 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 2.340       | 0.042 | 0.533        | 13.54 | AJ          |
| LP 063T 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 2.111       | 0.038 | 0.570        | 14.49 | AJ          |
| LP 067T 01       | 1.218            | 30.94 | 1.250        | 31.75 | 1.031         | 26.19 | .067          | 1.70 | 4                         | 28  | 6.136                      | 2.783 | 1.500       | 38.10 | 5.576       | 0.100 | 0.400        | 10.15 | AE          |
| LP 067T 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 4.676       | 0.083 | 0.438        | 11.12 | AE          |
| LP 067T 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 4.026       | 0.072 | 0.476        | 12.09 | AE          |
| LP 067T 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 3.535       | 0.063 | 0.514        | 13.06 | AE          |
| LP 067T 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 3.150       | 0.056 | 0.552        | 14.03 | AJ          |
| LP 067T 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 2.841       | 0.051 | 0.591        | 15.00 | AJ          |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|------|---------------------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM   | PSI                       | kPa | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 072T 01       | 1.218            | 30.94 | 1.250        | 31.75 | 1.031         | 26.19 | .072          | 1.83 | 5                         | 35  | 7.670                      | 3.478 | 1.500       | 38.10 | 7.225       | 0.129 | 0.438        | 11.14 | AE          |
| LP 072T 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 6.048       | 0.108 | 0.482        | 12.24 | AE          |
| LP 072T 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 5.200       | 0.093 | 0.525        | 13.34 | AE          |
| LP 072T 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 4.561       | 0.081 | 0.568        | 14.44 | AE          |
| LP 072T 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 4.062       | 0.073 | 0.612        | 15.54 | AJ          |
| LP 072T 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 3.661       | 0.065 | 0.655        | 16.64 | AJ          |
| LP 063V 01       | 1.400            | 35.56 | 1.437        | 36.50 | 1.219         | 30.96 | .063          | 1.60 | 1                         | 7   | 2.027                      | .919  | 1.500       | 38.10 | 1.942       | 0.035 | 0.456        | 11.59 | AK          |
| LP 063V 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 1.631       | 0.029 | 0.507        | 12.88 | AK          |
| LP 063V 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 1.406       | 0.025 | 0.558        | 14.18 | AL          |
| LP 063V 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 1.235       | 0.022 | 0.609        | 15.47 | AL          |
| LP 063V 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 1.102       | 0.020 | 0.660        | 16.77 | AM          |
| LP 063V 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 0.994       | 0.018 | 0.711        | 18.06 | AM          |
| LP 067V 01       | 1.400            | 35.56 | 1.437        | 36.50 | 1.219         | 30.96 | .067          | 1.70 | 2                         | 14  | 4.055                      | 1.839 | 1.500       | 38.10 | 3.670       | 0.066 | 0.395        | 10.04 | AK          |
| LP 067V 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 3.078       | 0.055 | 0.433        | 10.99 | AK          |
| LP 067V 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 2.650       | 0.047 | 0.470        | 11.94 | AL          |
| LP 067V 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 2.327       | 0.042 | 0.507        | 12.88 | AL          |
| LP 067V 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 2.074       | 0.037 | 0.545        | 13.83 | AM          |
| LP 067V 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 1.870       | 0.033 | 0.582        | 14.78 | AM          |
| LP 072V 01       | 1.400            | 35.56 | 1.437        | 36.50 | 1.219         | 30.96 | .072          | 1.83 | 3                         | 21  | 6.082                      | 2.758 | 1.500       | 38.10 | 5.541       | 0.099 | 0.402        | 10.22 | AK          |
| LP 072V 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 4.638       | 0.083 | 0.439        | 11.14 | AK          |
| LP 072V 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 3.988       | 0.071 | 0.475        | 12.06 | AL          |
| LP 072V 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 3.498       | 0.062 | 0.511        | 12.99 | AL          |
| LP 072V 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 3.115       | 0.056 | 0.548        | 13.91 | AM          |
| LP 072V 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 2.808       | 0.050 | 0.584        | 14.83 | AM          |
| LP 080V 01       | 1.400            | 35.56 | 1.437        | 36.50 | 1.188         | 30.16 | .080          | 2.03 | 4                         | 28  | 8.109                      | 3.678 | 1.500       | 38.10 | 7.849       | 0.140 | 0.467        | 11.86 | AK          |
| LP 080V 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 6.550       | 0.117 | 0.512        | 13.00 | AK          |
| LP 080V 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 5.619       | 0.100 | 0.557        | 14.15 | AL          |
| LP 080V 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 4.920       | 0.088 | 0.602        | 15.29 | AL          |
| LP 080V 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 4.376       | 0.078 | 0.647        | 16.43 | AM          |
| LP 080V 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 3.940       | 0.070 | 0.692        | 17.58 | AM          |
| LP 085V 01       | 1.400            | 35.56 | 1.437        | 36.50 | 1.188         | 30.16 | .085          | 2.16 | 5                         | 35  | 10.136                     | 4.597 | 1.500       | 38.10 | 10.101      | 0.180 | 0.496        | 12.61 | AK          |
| LP 085V 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 8.412       | 0.150 | 0.545        | 13.84 | AK          |
| LP 085V 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 7.207       | 0.129 | 0.593        | 15.07 | AL          |
| LP 085V 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 6.303       | 0.113 | 0.642        | 16.31 | AL          |
| LP 085V 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 5.602       | 0.100 | 0.690        | 17.54 | AM          |
| LP 085V 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 5.040       | 0.090 | 0.739        | 18.77 | AM          |
| LP 067W 01       | 1.460            | 37.08 | 1.500        | 38.10 | 1.281         | 32.54 | .067          | 1.70 | 1                         | 7   | 2.209                      | 1.002 | 1.625       | 41.28 | 1.990       | 0.036 | 0.515        | 13.08 | AK          |
| LP 067W 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 1.829       | 0.033 | 0.542        | 13.78 | AK          |
| LP 067W 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 1.575       | 0.028 | 0.597        | 15.18 | AL          |
| LP 067W 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 1.383       | 0.025 | 0.653        | 16.57 | AL          |
| LP 067W 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 1.232       | 0.022 | 0.708        | 17.97 | AM          |
| LP 067W 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 1.112       | 0.020 | 0.763        | 19.37 | AM          |

### SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

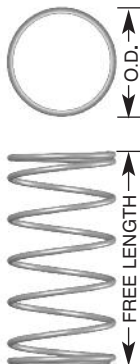
**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|------|---------------------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM   | PSI                       | kPa | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 072W 01       | 1.460            | 37.08 | 1.500        | 38.10 | 1.250         | 31.75 | .072          | 1.83 | 2                         | 14  | 4.418                      | 2.004 | 1.625       | 41.28 | 3.777       | 0.067 | 0.455        | 11.57 | AK          |
| LP 072W 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 3.470       | 0.062 | 0.477        | 12.11 | AK          |
| LP 072W 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 2.983       | 0.053 | 0.519        | 13.19 | AL          |
| LP 072W 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 2.617       | 0.047 | 0.562        | 14.27 | AL          |
| LP 072W 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 2.330       | 0.042 | 0.604        | 15.35 | AM          |
| LP 072W 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 2.100       | 0.038 | 0.647        | 16.42 | AM          |
| LP 080W 01       | 1.460            | 37.08 | 1.500        | 38.10 | 1.250         | 31.75 | .080          | 2.03 | 3                         | 21  | 6.627                      | 3.005 | 1.625       | 41.28 | 5.910       | 0.106 | 0.504        | 12.79 | AK          |
| LP 080W 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 5.421       | 0.097 | 0.528        | 13.40 | AK          |
| LP 080W 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 4.651       | 0.083 | 0.575        | 14.61 | AL          |
| LP 080W 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 4.072       | 0.073 | 0.623        | 15.82 | AL          |
| LP 080W 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 3.622       | 0.065 | 0.670        | 17.03 | AM          |
| LP 080W 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 3.261       | 0.058 | 0.718        | 18.24 | AM          |
| LP 085W 01       | 1.460            | 37.08 | 1.500        | 38.10 | 1.250         | 31.75 | .085          | 2.16 | 4                         | 28  | 8.836                      | 4.007 | 1.625       | 41.28 | 8.007       | 0.143 | 0.521        | 13.25 | AK          |
| LP 085W 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 7.337       | 0.131 | 0.546        | 13.86 | AK          |
| LP 085W 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 6.286       | 0.112 | 0.594        | 15.10 | AL          |
| LP 085W 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 5.498       | 0.098 | 0.643        | 16.33 | AL          |
| LP 085W 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 4.886       | 0.087 | 0.692        | 17.57 | AM          |
| LP 085W 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 4.396       | 0.078 | 0.740        | 18.80 | AM          |
| LP 092W 01       | 1.460            | 37.08 | 1.500        | 38.10 | 1.219         | 30.96 | .092          | 2.34 | 5                         | 35  | 11.045                     | 5.009 | 1.625       | 41.28 | 10.573      | 0.189 | 0.580        | 14.74 | AK          |
| LP 092W 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 1.750       | 44.45 | 9.676       | 0.173 | 0.609        | 15.46 | AK          |
| LP 092W 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 8.273       | 0.148 | 0.665        | 16.89 | AL          |
| LP 092W 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 7.225       | 0.129 | 0.721        | 18.32 | AL          |
| LP 092W 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 6.413       | 0.115 | 0.778        | 19.76 | AM          |
| LP 092W 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 5.765       | 0.103 | 0.834        | 21.19 | AM          |
| LP 067X 01       | 1.580            | 40.13 | 1.625        | 41.28 | 1.375         | 34.93 | .067          | 1.70 | 1                         | 7   | 2.592                      | 1.176 | 1.750       | 44.45 | 1.988       | 0.035 | 0.446        | 11.33 | AP          |
| LP 067X 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 1.712       | 0.031 | 0.486        | 12.34 | AR          |
| LP 067X 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 1.503       | 0.027 | 0.525        | 13.34 | AR          |
| LP 067X 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 1.340       | 0.024 | 0.565        | 14.35 | AZ          |
| LP 067X 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 1.208       | 0.022 | 0.604        | 15.35 | AZ          |
| LP 067X 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.000       | 76.20 | 1.100       | 0.020 | 0.644        | 16.35 | AZ          |
| LP 072X 01       | 1.580            | 40.13 | 1.625        | 41.28 | 1.375         | 34.93 | .072          | 1.83 | 2                         | 14  | 5.185                      | 2.351 | 1.750       | 44.45 | 3.840       | 0.069 | 0.400        | 10.15 | AP          |
| LP 072X 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 3.302       | 0.059 | 0.430        | 10.91 | AR          |
| LP 072X 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 2.896       | 0.052 | 0.460        | 11.67 | AR          |
| LP 072X 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 2.579       | 0.046 | 0.489        | 12.43 | AZ          |
| LP 072X 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 2.324       | 0.042 | 0.519        | 13.19 | AZ          |
| LP 072X 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.000       | 76.20 | 2.116       | 0.038 | 0.549        | 13.95 | AZ          |
| LP 080X 01       | 1.580            | 40.13 | 1.625        | 41.28 | 1.375         | 34.93 | .080          | 2.03 | 3                         | 21  | 7.777                      | 3.527 | 1.750       | 44.45 | 5.954       | 0.106 | 0.444        | 11.27 | AP          |
| LP 080X 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80 | 5.108       | 0.091 | 0.478        | 12.13 | AR          |
| LP 080X 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15 | 4.473       | 0.080 | 0.511        | 12.99 | AR          |
| LP 080X 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50 | 3.978       | 0.071 | 0.545        | 13.85 | AZ          |
| LP 080X 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85 | 3.582       | 0.064 | 0.579        | 14.70 | AZ          |
| LP 080X 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.000       | 76.20 | 3.258       | 0.058 | 0.613        | 15.56 | AZ          |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|------|---------------------------|-----|----------------------------|-------|-------------|--------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM   | PSI                       | kPa | LB.                        | KG    | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 085X 01       | 1.580            | 40.13 | 1.625        | 41.28 | 1.344         | 34.13 | .085          | 2.16 | 4                         | 28  | 10.370                     | 4.703 | 1.750       | 44.45  | 8.047       | 0.144 | 0.461        | 11.72 | AP          |
| LP 085X 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80  | 6.894       | 0.123 | 0.496        | 12.59 | AR          |
| LP 085X 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15  | 6.030       | 0.108 | 0.530        | 13.47 | AR          |
| LP 085X 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50  | 5.358       | 0.096 | 0.565        | 14.35 | AZ          |
| LP 085X 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85  | 4.821       | 0.086 | 0.599        | 15.22 | AZ          |
| LP 085X 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.000       | 76.20  | 4.382       | 0.078 | 0.634        | 16.10 | AZ          |
| LP 092X 01       | 1.580            | 40.13 | 1.625        | 41.28 | 1.344         | 34.13 | .092          | 2.34 | 5                         | 35  | 12.962                     | 5.879 | 1.750       | 44.45  | 10.490      | 0.187 | 0.514        | 13.07 | AP          |
| LP 092X 02       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80  | 8.969       | 0.160 | 0.555        | 14.09 | AR          |
| LP 092X 03       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.250       | 57.15  | 7.833       | 0.140 | 0.595        | 15.12 | AR          |
| LP 092X 04       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50  | 6.953       | 0.124 | 0.636        | 16.15 | AZ          |
| LP 092X 05       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.750       | 69.85  | 6.250       | 0.112 | 0.676        | 17.17 | AZ          |
| LP 092X 06       |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.000       | 76.20  | 5.676       | 0.101 | 0.717        | 18.20 | AZ          |
| LP 072ZA 01      | 1.687            | 42.85 | 1.750        | 44.45 | 1.468         | 37.29 | .072          | 1.83 | 1                         | 7   | 3.012                      | 1.366 | 1.500       | 38.10  | 2.79        | 0.050 | 0.422        | 10.72 | AP          |
| LP 072ZA 02      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80  | 2.01        | 0.036 | 0.502        | 12.75 | AR          |
| LP 072ZA 03      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50  | 1.57        | 0.028 | 0.582        | 14.78 | AR          |
| LP 072ZA 04      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.000       | 76.20  | 1.29        | 0.023 | 0.662        | 16.81 | AZ          |
| LP 072ZA 05      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.500       | 88.90  | 1.09        | 0.019 | 0.743        | 18.87 | AZ          |
| LP 072ZA 06      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 4.000       | 101.60 | 0.95        | 0.017 | 0.823        | 20.90 | AZ          |
| LP 080ZA 01      | 1.687            | 42.85 | 1.750        | 44.45 | 1.438         | 36.53 | .080          | 2.03 | 2                         | 14  | 6.017                      | 2.729 | 1.500       | 38.10  | 5.56        | 0.099 | 0.418        | 10.62 | AP          |
| LP 080ZA 02      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80  | 3.98        | 0.071 | 0.488        | 12.40 | AR          |
| LP 080ZA 03      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50  | 3.10        | 0.055 | 0.559        | 14.20 | AR          |
| LP 080ZA 04      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.000       | 76.20  | 2.54        | 0.045 | 0.629        | 15.98 | AZ          |
| LP 080ZA 05      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.500       | 88.90  | 2.15        | 0.038 | 0.700        | 17.78 | AZ          |
| LP 080ZA 06      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 4.000       | 101.60 | 1.86        | 0.033 | 0.770        | 19.56 | AZ          |
| LP 092ZA 01      | 1.687            | 42.85 | 1.750        | 44.45 | 1.438         | 36.53 | .0915         | 2.32 | 3                         | 21  | 9.018                      | 4.091 | 1.500       | 38.10  | 8.97        | 0.160 | 0.495        | 12.57 | AP          |
| LP 092ZA 02      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80  | 6.37        | 0.114 | 0.584        | 14.83 | AR          |
| LP 092ZA 03      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50  | 4.94        | 0.088 | 0.674        | 17.12 | AR          |
| LP 092ZA 04      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.000       | 76.20  | 4.03        | 0.072 | 0.764        | 19.41 | AZ          |
| LP 092ZA 05      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.500       | 88.90  | 3.41        | 0.061 | 0.854        | 21.69 | AZ          |
| LP 092ZA 06      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 4.000       | 101.60 | 2.95        | 0.053 | 0.943        | 23.95 | AZ          |
| LP 100ZA 01      | 1.687            | 42.85 | 1.750        | 44.45 | 1.406         | 35.71 | .100          | 2.54 | 4                         | 28  | 12.029                     | 5.456 | 1.500       | 38.10  | 12.63       | 0.226 | 0.548        | 13.92 | AR          |
| LP 100ZA 02      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80  | 8.91        | 0.159 | 0.651        | 16.54 | AS          |
| LP 100ZA 03      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50  | 6.89        | 0.123 | 0.754        | 19.15 | AS          |
| LP 100ZA 04      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.000       | 76.20  | 5.61        | 0.100 | 0.857        | 21.77 | AZA         |
| LP 100ZA 05      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.500       | 88.90  | 4.74        | 0.085 | 0.960        | 24.38 | AZA         |
| LP 100ZA 06      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 4.000       | 101.60 | 4.10        | 0.073 | 1.064        | 27.03 | AZA         |
| LP 105ZA 01      | 1.687            | 42.85 | 1.750        | 44.45 | 1.406         | 35.71 | .105          | 2.67 | 5                         | 35  | 15.029                     | 6.817 | 1.500       | 38.10  | 16.09       | 0.287 | 0.565        | 14.35 | AY          |
| LP 105ZA 02      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.000       | 50.80  | 11.31       | 0.202 | 0.671        | 17.04 | AZ          |
| LP 105ZA 03      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 2.500       | 63.50  | 8.72        | 0.156 | 0.777        | 19.74 | AZA         |
| LP 105ZA 04      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.000       | 76.20  | 7.10        | 0.127 | 0.883        | 22.43 | AZB         |
| LP 105ZA 05      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 3.500       | 88.90  | 5.98        | 0.107 | 0.988        | 25.10 | AZC         |
| LP 105ZA 06      |                  |       |              |       |               |       |               |      |                           |     |                            |       | 4.000       | 101.60 | 5.17        | 0.092 | 1.094        | 27.79 | AZD         |

### SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

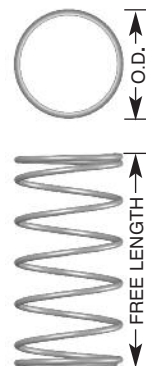
**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|------|---------------------------|-----|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM   | PSI                       | kPa | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 125ZA 01      | 1.687            | 42.85 | 1.750        | 44.45 | 1.375         | 34.93 | .125          | 3.18 | 10                        | 69  | 30.064                     | 13.637 | 1.500       | 38.10  | 35.62       | 0.636 | 0.656        | 16.66 | AZA         |
| LP 125ZA 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 24.66       | 0.440 | 0.781        | 19.84 | AZB         |
| LP 125ZA 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 18.86       | 0.337 | 0.906        | 23.01 | AZC         |
| LP 125ZA 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 15.27       | 0.273 | 1.031        | 26.19 | AZD         |
| LP 125ZA 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 12.82       | 0.229 | 1.156        | 29.36 | AZE         |
| LP 125ZA 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 11.06       | 0.198 | 1.280        | 32.51 | AZF         |
| LP 148ZA 01      | 1.687            | 42.85 | 1.750        | 44.45 | 1.313         | 33.35 | .148          | 3.76 | 15                        | 103 | 45.100                     | 20.457 | 1.500       | 38.10  | 65.76       | 1.174 | 0.814        | 20.68 | AZB         |
| LP 148ZA 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 44.63       | 0.797 | 0.990        | 25.15 | AZC         |
| LP 148ZA 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 33.78       | 0.603 | 1.165        | 29.59 | AZD         |
| LP 148ZA 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 27.17       | 0.485 | 1.340        | 34.04 | AZE         |
| LP 148ZA 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 22.73       | 0.406 | 1.515        | 38.48 | AZF         |
| LP 148ZA 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 19.53       | 0.349 | 1.691        | 42.95 | AZG         |
| LP 080ZC 01      | 1.937            | 49.20 | 2.000        | 50.80 | 1.688         | 42.88 | .080          | 2.03 | 1                         | 7   | 3.923                      | 1.779  | 1.500       | 38.10  | 3.62        | 0.065 | 0.416        | 10.57 | AP          |
| LP 080ZC 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 2.60        | 0.046 | 0.486        | 12.34 | AR          |
| LP 080ZC 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 2.02        | 0.036 | 0.557        | 14.15 | AR          |
| LP 080ZC 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 1.65        | 0.029 | 0.627        | 15.93 | AZ          |
| LP 080ZC 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 1.40        | 0.025 | 0.697        | 17.70 | AZ          |
| LP 080ZC 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 1.21        | 0.022 | 0.767        | 19.48 | AZ          |
| LP 098ZC 01      | 1.937            | 49.20 | 2.000        | 50.80 | 1.656         | 42.06 | .098          | 2.49 | 2                         | 14  | 7.854                      | 3.563  | 1.500       | 38.10  | 8.02        | 0.143 | 0.521        | 13.23 | AR          |
| LP 098ZC 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 5.67        | 0.101 | 0.614        | 15.60 | AS          |
| LP 098ZC 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 4.38        | 0.078 | 0.708        | 17.98 | AS          |
| LP 098ZC 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 3.57        | 0.064 | 0.802        | 20.37 | AZA         |
| LP 098ZC 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 3.02        | 0.054 | 0.897        | 22.78 | AZA         |
| LP 098ZC 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 2.61        | 0.047 | 0.990        | 25.15 | AZA         |
| LP 105ZC 01      | 1.937            | 49.20 | 2.000        | 50.80 | 1.625         | 41.28 | .105          | 2.67 | 3                         | 21  | 11.777                     | 5.342  | 1.500       | 38.10  | 12.13       | 0.217 | 0.529        | 13.44 | AY          |
| LP 105ZC 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 8.53        | 0.152 | 0.619        | 15.72 | AZ          |
| LP 105ZC 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 6.58        | 0.118 | 0.709        | 18.01 | AZA         |
| LP 105ZC 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 5.35        | 0.096 | 0.800        | 20.32 | AZB         |
| LP 105ZC 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 4.51        | 0.081 | 0.890        | 22.61 | AZC         |
| LP 105ZC 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 3.90        | 0.070 | 0.980        | 24.89 | AZD         |
| LP 120ZC 01      | 1.937            | 49.20 | 2.000        | 50.80 | 1.594         | 40.49 | .120          | 3.05 | 4                         | 28  | 15.706                     | 7.124  | 1.500       | 38.10  | 18.33       | 0.327 | 0.643        | 16.33 | AZA         |
| LP 120ZC 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 12.74       | 0.228 | 0.767        | 19.48 | AZB         |
| LP 120ZC 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 9.76        | 0.174 | 0.891        | 22.63 | AZC         |
| LP 120ZC 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 7.91        | 0.141 | 1.015        | 25.78 | AZD         |
| LP 120ZC 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 6.65        | 0.119 | 1.139        | 28.93 | AZE         |
| LP 120ZC 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 5.74        | 0.103 | 1.263        | 32.08 | AZF         |
| LP 125ZC 01      | 1.937            | 49.20 | 2.000        | 50.80 | 1.594         | 40.49 | .125          | 3.18 | 5                         | 35  | 19.636                     | 8.907  | 1.500       | 38.10  | 23.15       | 0.413 | 0.652        | 16.56 | AZB         |
| LP 125ZC 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 16.03       | 0.286 | 0.775        | 19.69 | AZC         |
| LP 125ZC 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 12.26       | 0.219 | 0.898        | 22.81 | AZD         |
| LP 125ZC 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 9.92        | 0.177 | 1.021        | 25.93 | AZE         |
| LP 125ZC 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 8.33        | 0.149 | 1.144        | 29.06 | AZF         |
| LP 125ZC 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 7.19        | 0.128 | 1.267        | 32.18 | AZG         |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|------|---------------------------|-----|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM   | PSI                       | kPa | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 156ZC 01      | 1.937            | 49.20 | 2.000        | 50.80 | 1.563         | 39.70 | .156          | 3.96 | 10                        | 69  | 39.275                     | 17.815 | 1.500       | 38.10  | 57.86       | 1.033 | 0.821        | 20.85 | AZE         |
| LP 156ZC 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 38.98       | 0.696 | 0.992        | 25.20 | AZF         |
| LP 156ZC 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 29.39       | 0.525 | 1.164        | 29.57 | AZG         |
| LP 156ZC 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 23.58       | 0.421 | 1.335        | 33.91 | AZH         |
| LP 156ZC 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 19.69       | 0.352 | 1.506        | 38.25 | AZJ         |
| LP 156ZC 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 16.91       | 0.302 | 1.677        | 42.60 | AZK         |
| LP 170ZC 01      | 1.937            | 49.20 | 2.000        | 50.80 | 1.532         | 38.91 | .170          | 4.32 | 15                        | 103 | 58.902                     | 26.718 | 1.500       | 38.10  | 91.99       | 1.643 | 0.860        | 21.84 | AZE         |
| LP 170ZC 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 61.12       | 1.091 | 1.036        | 26.31 | AZF         |
| LP 170ZC 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 45.77       | 0.817 | 1.213        | 30.81 | AZG         |
| LP 170ZC 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 36.58       | 0.653 | 1.390        | 35.31 | AZH         |
| LP 170ZC 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 30.46       | 0.544 | 1.566        | 39.78 | AZJ         |
| LP 170ZC 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 26.10       | 0.466 | 1.743        | 44.27 | AZK         |
| LP 098ZG 01      | 2.375            | 60.33 | 2.500        | 63.50 | 2.063         | 52.40 | .098          | 2.49 | 1                         | 7   | 6.136                      | 2.783  | 2.000       | 50.80  | 4.16        | 0.074 | 0.524        | 13.31 | AR          |
| LP 098ZG 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 3.22        | 0.058 | 0.592        | 15.04 | AS          |
| LP 098ZG 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 2.62        | 0.047 | 0.659        | 16.74 | AS          |
| LP 098ZG 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 2.21        | 0.039 | 0.726        | 18.44 | AZA         |
| LP 098ZG 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 1.91        | 0.034 | 0.794        | 20.17 | AZA         |
| LP 098ZG 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 1.51        | 0.027 | 0.929        | 23.60 | AZA         |
| LP 120ZG 01      | 2.375            | 60.33 | 2.500        | 63.50 | 2.032         | 51.61 | .120          | 3.05 | 2                         | 14  | 12.275                     | 5.568  | 2.000       | 50.80  | 9.14        | 0.163 | 0.657        | 16.69 | AZA         |
| LP 120ZG 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 7.00        | 0.125 | 0.747        | 18.97 | AZB         |
| LP 120ZG 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 5.68        | 0.101 | 0.838        | 21.29 | AZC         |
| LP 120ZG 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 4.77        | 0.085 | 0.928        | 23.57 | AZD         |
| LP 120ZG 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 4.12        | 0.074 | 1.019        | 25.88 | AZE         |
| LP 120ZG 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 3.23        | 0.058 | 1.200        | 30.48 | AZF         |
| LP 128ZG 01      | 2.375            | 60.33 | 2.500        | 63.50 | 2.000         | 50.80 | .128          | 3.25 | 3                         | 21  | 18.407                     | 8.349  | 2.000       | 50.80  | 13.73       | 0.245 | 0.660        | 16.76 | AZB         |
| LP 128ZG 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 10.49       | 0.187 | 0.745        | 18.92 | AZC         |
| LP 128ZG 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 8.48        | 0.151 | 0.830        | 21.08 | AZD         |
| LP 128ZG 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 7.12        | 0.127 | 0.916        | 23.27 | AZE         |
| LP 128ZG 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 6.14        | 0.110 | 1.001        | 25.43 | AZF         |
| LP 128ZG 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 4.81        | 0.086 | 1.171        | 29.74 | AZG         |
| LP 135ZG 01      | 2.375            | 60.33 | 2.500        | 63.50 | 2.000         | 50.80 | .135          | 3.43 | 4                         | 28  | 24.544                     | 11.133 | 2.000       | 50.80  | 18.51       | 0.331 | 0.674        | 17.12 | AZC         |
| LP 135ZG 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 14.10       | 0.252 | 0.759        | 19.28 | AZD         |
| LP 135ZG 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 11.38       | 0.203 | 0.843        | 21.41 | AZE         |
| LP 135ZG 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 9.54        | 0.170 | 0.928        | 23.57 | AZF         |
| LP 135ZG 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 8.21        | 0.147 | 1.012        | 25.70 | AZG         |
| LP 135ZG 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 6.43        | 0.115 | 1.181        | 30.00 | AZH         |
| LP 148ZG 01      | 2.375            | 60.33 | 2.500        | 63.50 | 1.969         | 50.01 | .148          | 3.76 | 5                         | 35  | 30.682                     | 13.917 | 2.000       | 50.80  | 24.88       | 0.444 | 0.767        | 19.48 | AZD         |
| LP 148ZG 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 18.83       | 0.336 | 0.871        | 22.12 | AZE         |
| LP 148ZG 03      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.000       | 76.20  | 15.15       | 0.271 | 0.975        | 24.77 | AZF         |
| LP 148ZG 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 12.67       | 0.226 | 1.078        | 27.38 | AZG         |
| LP 148ZG 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 10.89       | 0.194 | 1.182        | 30.02 | AZH         |
| LP 148ZG 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 8.50        | 0.152 | 1.390        | 35.31 | AZJ         |

### SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit leespring.in for pricing.

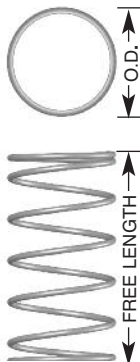
**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|------|---------------------------|-----|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM   | PSI                       | kPa | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 187ZG 01      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 61.60       | 1.100 | 1.004        | 25.50 | AZF         |
| LP 187ZG 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 45.72       | 0.816 | 1.158        | 29.41 | AZG         |
| LP 187ZG 03      | 2.375            | 60.33 | 2.500        | 63.50 | 1.906         | 48.41 | .187          | 4.75 | 10                        | 69  | 61.353                     | 27.830 | 3.000       | 76.20  | 36.35       | 0.649 | 1.312        | 33.32 | AZH         |
| LP 187ZG 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 30.16       | 0.539 | 1.466        | 37.24 | AZJ         |
| LP 187ZG 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 25.78       | 0.460 | 1.620        | 41.15 | AZK         |
| LP 187ZG 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 19.97       | 0.357 | 1.928        | 48.97 | AZL         |
| LP 218ZG 01      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 113.94      | 2.035 | 1.192        | 30.28 | AZH         |
| LP 218ZG 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 83.08       | 1.484 | 1.392        | 35.36 | AZJ         |
| LP 218ZG 03      | 2.375            | 60.33 | 2.500        | 63.50 | 1.844         | 46.84 | .218          | 5.54 | 15                        | 103 | 92.047                     | 41.753 | 3.000       | 76.20  | 65.37       | 1.167 | 1.592        | 40.44 | AZK         |
| LP 218ZG 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 3.500       | 88.90  | 53.89       | 0.962 | 1.792        | 45.52 | AZL         |
| LP 218ZG 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 45.84       | 0.819 | 1.992        | 50.60 | AZM         |
| LP 218ZG 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 35.29       | 0.630 | 2.392        | 60.76 | AZN         |
| LP 125ZK 01      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 6.57        | 0.117 | 0.654        | 16.61 | AZB         |
| LP 125ZK 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 5.02        | 0.090 | 0.740        | 18.80 | AZC         |
| LP 125ZK 03      | 2.875            | 73.03 | 3.000        | 76.20 | 2.500         | 63.50 | .125          | 3.18 | 1                         | 7   | 8.838                      | 4.009  | 3.000       | 76.20  | 4.06        | 0.073 | 0.826        | 20.98 | AZD         |
| LP 125ZK 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 2.94        | 0.053 | 0.998        | 25.35 | AZE         |
| LP 125ZK 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 2.31        | 0.041 | 1.170        | 29.72 | AZF         |
| LP 125ZK 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 6.000       | 152.40 | 1.90        | 0.034 | 1.342        | 34.09 | AZG         |
| LP 148ZK 01      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 14.17       | 0.253 | 0.753        | 19.13 | AZD         |
| LP 148ZK 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 10.72       | 0.191 | 0.852        | 21.64 | AZE         |
| LP 148ZK 03      | 2.875            | 73.03 | 3.000        | 76.20 | 2.438         | 61.93 | .148          | 3.76 | 2                         | 14  | 17.674                     | 8.017  | 3.000       | 76.20  | 8.63        | 0.154 | 0.951        | 24.16 | AZF         |
| LP 148ZK 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 6.20        | 0.111 | 1.150        | 29.21 | AZG         |
| LP 148ZK 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 4.84        | 0.086 | 1.348        | 34.24 | AZH         |
| LP 148ZK 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 6.000       | 152.40 | 3.97        | 0.071 | 1.547        | 39.29 | AZJ         |
| LP 170ZK 01      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 23.81       | 0.425 | 0.887        | 22.53 | AZE         |
| LP 170ZK 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 17.83       | 0.318 | 1.013        | 25.73 | AZF         |
| LP 170ZK 03      | 2.875            | 73.03 | 3.000        | 76.20 | 2.406         | 61.11 | .170          | 4.32 | 3                         | 21  | 26.510                     | 12.025 | 3.000       | 76.20  | 14.25       | 0.254 | 1.139        | 28.93 | AZG         |
| LP 170ZK 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 10.17       | 0.182 | 1.392        | 35.36 | AZH         |
| LP 170ZK 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 7.90        | 0.141 | 1.645        | 41.78 | AZJ         |
| LP 170ZK 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 6.000       | 152.40 | 6.46        | 0.115 | 1.898        | 48.21 | AZK         |
| LP 177ZK 01      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 31.59       | 0.564 | 0.881        | 22.38 | AZF         |
| LP 177ZK 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 23.57       | 0.421 | 1.000        | 25.40 | AZG         |
| LP 177ZK 03      | 2.875            | 73.03 | 3.000        | 76.20 | 2.375         | 60.33 | .177          | 4.50 | 4                         | 28  | 35.343                     | 16.032 | 3.000       | 76.20  | 18.79       | 0.336 | 1.119        | 28.42 | AZH         |
| LP 177ZK 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 13.38       | 0.239 | 1.358        | 34.49 | AZJ         |
| LP 177ZK 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 10.38       | 0.185 | 1.596        | 40.54 | AZK         |
| LP 177ZK 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 6.000       | 152.40 | 8.48        | 0.151 | 1.834        | 46.58 | AZL         |
| LP 187ZK 01      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 40.93       | 0.731 | 0.921        | 23.39 | AZG         |
| LP 187ZK 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 30.37       | 0.542 | 1.046        | 26.57 | AZH         |
| LP 187ZK 03      | 2.875            | 73.03 | 3.000        | 76.20 | 2.375         | 60.33 | .187          | 4.75 | 5                         | 35  | 44.177                     | 20.039 | 3.000       | 76.20  | 24.15       | 0.431 | 1.170        | 29.72 | AZJ         |
| LP 187ZK 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 17.12       | 0.306 | 1.420        | 36.07 | AZK         |
| LP 187ZK 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 13.27       | 0.237 | 1.670        | 42.42 | AZL         |
| LP 187ZK 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 6.000       | 152.40 | 10.83       | 0.193 | 1.920        | 48.77 | AZM         |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# COMPRESSION SPRINGS: LITE PRESSURE™ SERIES

ENDS NOT GROUND • Type 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | WORK IN HOLE |       | WORK OVER ROD |       | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |     | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------|-------|---------------|-------|---------------|------|---------------------------|-----|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.          | MM    | IN.           | MM    | IN.           | MM   | PSI                       | kPa | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    |             |
| LP 218ZK 01      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 90.01       | 1.607 | 1.019        | 25.88 | AZJ         |
| LP 218ZK 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 65.64       | 1.172 | 1.154        | 29.31 | AZK         |
| LP 218ZK 03      | 2.875            | 73.03 | 3.000        | 76.20 | 2.313         | 58.75 | .218          | 5.54 | 10                        | 69  | 88.343                     | 40.072 | 3.000       | 76.20  | 51.65       | 0.922 | 1.289        | 32.74 | AZL         |
| LP 218ZK 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 36.21       | 0.647 | 1.560        | 39.62 | AZM         |
| LP 218ZK 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 27.88       | 0.498 | 1.831        | 46.51 | AZN         |
| LP 218ZK 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 6.000       | 152.40 | 22.66       | 0.405 | 2.102        | 53.39 | AZO         |
| LP 250ZK 01      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.000       | 50.80  | 160.02      | 2.858 | 1.172        | 29.77 | AZL         |
| LP 250ZK 02      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 2.500       | 63.50  | 114.29      | 2.041 | 1.340        | 34.04 | AZM         |
| LP 250ZK 03      | 2.875            | 73.03 | 3.000        | 76.20 | 2.250         | 57.15 | .250          | 6.35 | 15                        | 103 | 132.535                    | 60.118 | 3.000       | 76.20  | 88.90       | 1.588 | 1.509        | 38.33 | AZN         |
| LP 250ZK 04      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 4.000       | 101.60 | 61.55       | 1.099 | 1.847        | 46.91 | AZO         |
| LP 250ZK 05      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 5.000       | 127.00 | 47.06       | 0.840 | 2.184        | 55.47 | AZP         |
| LP 250ZK 06      |                  |       |              |       |               |       |               |      |                           |     |                            |        | 6.000       | 152.40 | 38.10       | 0.680 | 2.521        | 64.03 | AZQ         |

## SPECIAL INSTRUCTIONS FOR LITE PRESSURE™ COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Height are pre-calculated for Type 316 Stainless.

# Standard Compression Springs

## *Selection to Match Your Needs*



The Lee Spring Standard Compression Spring line includes a wide range of size and rate combinations. Selections are sorted in ascending order to mating hole/bore diameter sizes. Standard Compression Springs are available in both standard and metric series.

Standard Series springs are available in Music Wire, Type 302 Stainless Steel and Type 316 Stainless Steel. Metric Series springs are available in Music Wire and Type 302 Stainless Steel. The Music Wire springs are provided with a plating finish for light corrosion resistance. The Type 302 Stainless Steel springs are passivated, while Type 316 Stainless Steel springs are passivated and ultrasonically cleaned.

Lee Spring Standard Compression Springs feature squared and ground ends. A squared end, also called a closed end, is made by reducing the coil pitch of the ends to zero. Squareness influences how a force produced by the spring can be transferred to adjacent parts. The ground ends provide flat bearing surfaces and additional stability.

Squared and ground ends are particularly useful in applications in which:

- 1) high-duty springs are specified;
- 2) unusually close tolerances on load or rate are needed;
- 3) solid height must be minimized;
- 4) accurate seating and uniform bearing pressures are required and;
- 5) a tendency towards buckling must be reduced.



*Lee Spring can manufacture custom compression springs to your specifications. Contact us today!*

# Compression Springs

## Guide to using tables

COMPRESSION SPRINGS

### Lee Stock Number:

Lee Spring Part Number, add suffix M for Music Wire, S for Stainless Steel or S316 for Type 316 Stainless Steel.

### To Work In Hole Diameter:

Suggested minimum hole size if needed for spring containment.

### Approx. Load at Solid Height:

The load or force required to bring all coils into contact.

### Spring Rate:

Change in load or force per unit of deflection.

### Price Group:

Reference for price list.

| LEE STOCK NUMBER | OUTSIDE DIAMETER |    | TO WORK IN HOLE DIAMETER |    | WIRE DIAMETER |    | APPROX. LOAD AT SOLID HGT. |    | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |      | PRICE GROUP |   |      |
|------------------|------------------|----|--------------------------|----|---------------|----|----------------------------|----|-------------|-------|-------------|-------|--------------|------|-------------|---|------|
|                  | IN.              | MM | IN.                      | MM | IN.           | MM | LB.                        | KG | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM   | M           | S | S316 |
| LC 014A 01       |                  |    |                          |    |               |    |                            |    | 0.250       | 6.35  | 11.30       | 0.202 | 0.088        | 2.24 | F           | F | K    |
| LC 014A 02       |                  |    |                          |    |               |    |                            |    | 0.313       | 7.95  | 8.90        | 0.159 | 0.105        | 2.67 | F           | F | K    |
| LC 014A 03       |                  |    |                          |    |               |    |                            |    | 0.375       | 9.53  | 7.10        | 0.126 | 0.122        | 3.10 | F           | F | K    |
| LC 014A 04       |                  |    |                          |    |               |    |                            |    | 0.438       | 11.13 | 6.00        | 0.107 | 0.139        | 3.53 | F           | F | K    |
| LC 014A 05       |                  |    |                          |    |               |    |                            |    | 0.500       | 12.70 | 5.20        | 0.093 | 0.156        | 3.96 | F           | F | K    |
| LC 014A 06       |                  |    |                          |    |               |    |                            |    | 0.563       | 14.30 | 4.60        | 0.082 | 0.172        | 4.37 | F           | F | K    |
| LC 014A 07       |                  |    |                          |    |               |    |                            |    | 0.625       | 15.88 | 4.10        | 0.073 | 0.188        | 4.78 | F           | F | K    |

### Outside Diameter:

Spring outer diameter, parts listed in ascending order.

### Wire Diameter:

In ascending order of size, within each group of outside diameters.

### Free Length:

The overall height of the spring in the unloaded position.

### Solid Height:

Length when fully compressed.

## Additional Information

- Load at Solid Height, Solid Height and Number of coils are all given as approximate figures. During the manufacturing process all material and engineering tolerances may result in the number of coils being adjusted to maintain the correct spring rate.
- It is general good practice to avoid compressing springs to their solid height in order to achieve longer life.
- To find the load at any working length, when free length and rate are given, use the formula:  
 $P = R \times F$   
 where P is the load in lbs.; R is the rate in lbs per inch; F is the deflection from free length.

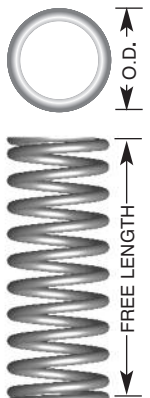
For additional information, pricing, availability, and technical support please contact Lee Spring by calling +91 80 49376666 or by email at [india-sales@leespring.com](mailto:india-sales@leespring.com)

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 014A 01       | .120             | 3.05 | .125                     | 3.18 | .014          | .36 | 2.000                      | .907  | 0.250       | 6.35  | 11.30       | 0.202 | 0.088        | 2.24  | F           | F              | K             |
| LC 014A 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 8.90        | 0.159 | 0.105        | 2.67  | F           | F              | K             |
| LC 014A 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 7.10        | 0.126 | 0.122        | 3.10  | F           | F              | K             |
| LC 014A 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 6.00        | 0.107 | 0.139        | 3.53  | F           | F              | K             |
| LC 014A 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 5.20        | 0.093 | 0.156        | 3.96  | F           | F              | K             |
| LC 014A 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 4.60        | 0.082 | 0.172        | 4.37  | F           | F              | K             |
| LC 014A 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 4.10        | 0.073 | 0.189        | 4.80  | F           | F              | K             |
| LC 014A 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 3.80        | 0.068 | 0.206        | 5.23  | F           | F              | K             |
| LC 014A 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 3.40        | 0.061 | 0.223        | 5.66  | F           | F              | K             |
| LC 014A 9A       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 3.10        | 0.055 | 0.254        | 6.45  | F           | F              | K             |
| LC 014A 9B       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 2.90        | 0.052 | 0.269        | 6.84  | F           | F              | K             |
| LC 014A 9C       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 2.70        | 0.048 | 0.287        | 7.30  | F           | F              | K             |
| LC 014A 10       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 2.50        | 0.045 | 0.290        | 7.37  | F           | F              | K             |
| LC 014A 11       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 2.30        | 0.041 | 0.324        | 8.23  | F           | F              | K             |
| LC 014A 12       | .120             | 3.05 | .125                     | 3.18 | .016          | .41 | 2.500                      | 1.134 | 1.250       | 31.75 | 2.00        | 0.036 | 0.357        | 9.07  | F           | F              | K             |
| LC 014A 13       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 1.80        | 0.032 | 0.422        | 10.72 | F           | F              | K             |
| LC 016A 0        |                  |      |                          |      |               |     |                            |       | 0.188       | 4.78  | 25.60       | 0.457 | 0.087        | 2.21  | F           | F              | K             |
| LC 016A 01       |                  |      |                          |      |               |     |                            |       | 0.250       | 6.35  | 17.50       | 0.313 | 0.114        | 2.90  | F           | F              | K             |
| LC 016A 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 14.00       | 0.250 | 0.133        | 3.38  | F           | F              | K             |
| LC 016A 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 11.00       | 0.196 | 0.160        | 4.06  | F           | F              | K             |
| LC 016A 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 9.50        | 0.169 | 0.185        | 4.70  | F           | F              | K             |
| LC 016A 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 8.50        | 0.152 | 0.205        | 5.21  | F           | F              | K             |
| LC 016A 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 7.50        | 0.134 | 0.225        | 5.72  | F           | F              | K             |
| LC 016A 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 6.50        | 0.116 | 0.249        | 6.32  | F           | F              | K             |
| LC 016A 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 6.00        | 0.107 | 0.273        | 6.93  | F           | F              | K             |
| LC 016A 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 5.00        | 0.089 | 0.305        | 7.75  | F           | F              | K             |
| LC 016A 10       | .120             | 3.05 | .125                     | 3.18 | .018          | .46 | 3.500                      | 1.588 | 1.000       | 25.40 | 4.00        | 0.071 | 0.375        | 9.52  | F           | F              | K             |
| LC 016A 11       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 3.50        | 0.062 | 0.442        | 11.23 | F           | F              | K             |
| LC 016A 12       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 3.20        | 0.057 | 0.478        | 12.14 | F           | F              | K             |
| LC 016A 13       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 2.70        | 0.048 | 0.560        | 14.22 | F           | F              | K             |
| LC 018A 0        |                  |      |                          |      |               |     |                            |       | 0.188       | 4.78  | 41.30       | 0.738 | 0.101        | 2.57  | F           | F              | K             |
| LC 018A 01       |                  |      |                          |      |               |     |                            |       | 0.250       | 6.35  | 28.50       | 0.509 | 0.132        | 3.35  | F           | F              | K             |
| LC 018A 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 22.00       | 0.392 | 0.159        | 4.04  | F           | F              | K             |
| LC 018A 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 18.00       | 0.321 | 0.180        | 4.57  | F           | F              | K             |
| LC 018A 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 15.50       | 0.276 | 0.208        | 5.28  | F           | F              | K             |
| LC 018A 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 13.00       | 0.232 | 0.245        | 6.22  | F           | F              | K             |
| LC 018A 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 11.50       | 0.205 | 0.271        | 6.88  | F           | F              | K             |
| LC 018A 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 11.00       | 0.196 | 0.289        | 7.34  | F           | F              | K             |
| LC 018A 08       | .120             | 3.05 | .125                     | 3.18 | .018          | .46 | 3.500                      | 1.588 | 0.688       | 17.48 | 9.50        | 0.169 | 0.325        | 8.26  | F           | F              | K             |
| LC 018A 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 8.50        | 0.152 | 0.351        | 8.92  | F           | F              | K             |
| LC 018A 10       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 6.40        | 0.114 | 0.455        | 11.56 | F           | F              | K             |
| LC 018A 11       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 5.60        | 0.100 | 0.510        | 12.95 | F           | F              | K             |
| LC 018A 12       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 5.00        | 0.089 | 0.577        | 14.66 | F           | F              | K             |
| LC 018A 13       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 4.10        | 0.073 | 0.697        | 17.70 | F           | F              | K             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 020A 01       | .120             | 3.05 | .125                     | 3.18 | .020          | .51 | 4.650                      | 2.109 | 0.250       | 6.35  | 47.50       | 0.848 | 0.150        | 3.81  | F           | F              | K             |
| LC 020A 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 36.00       | 0.642 | 0.185        | 4.70  | F           | F              | K             |
| LC 020A 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 29.00       | 0.517 | 0.215        | 5.46  | F           | F              | K             |
| LC 020A 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 24.50       | 0.437 | 0.250        | 6.35  | F           | F              | K             |
| LC 020A 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 21.50       | 0.384 | 0.280        | 7.11  | F           | F              | K             |
| LC 020A 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 18.50       | 0.330 | 0.310        | 7.87  | F           | F              | K             |
| LC 020A 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 16.50       | 0.294 | 0.345        | 8.76  | F           | F              | K             |
| LC 020A 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 15.00       | 0.267 | 0.375        | 9.52  | F           | F              | K             |
| LC 020A 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 13.50       | 0.241 | 0.410        | 10.41 | F           | F              | K             |
| LC 020A 10       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 12.50       | 0.223 | 0.430        | 10.92 | F           | F              | K             |
| LC 020A 11       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 10.80       | 0.193 | 0.510        | 12.95 | F           | F              | K             |
| LC 020A 12       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 10.00       | 0.179 | 0.540        | 13.72 | F           | F              | K             |
| LC 020A 13       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 9.00        | 0.160 | 0.600        | 15.24 | F           | F              | K             |
| LC 020A 14       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 8.00        | 0.143 | 0.660        | 16.76 | F           | F              | K             |
| LC 020A 15       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 6.50        | 0.116 | 0.790        | 20.07 | F           | F              | K             |
| LC 022A 01       | .120             | 3.05 | .125                     | 3.18 | .022          | .56 | 6.000                      | 2.722 | 0.250       | 6.35  | 70.00       | 1.250 | 0.166        | 4.22  | F           | F              | K             |
| LC 022A 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 54.00       | 0.963 | 0.199        | 5.05  | F           | F              | K             |
| LC 022A 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 42.00       | 0.749 | 0.243        | 6.17  | F           | F              | K             |
| LC 022A 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 36.00       | 0.642 | 0.276        | 7.01  | F           | F              | K             |
| LC 022A 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 31.00       | 0.554 | 0.309        | 7.85  | F           | F              | K             |
| LC 022A 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 28.00       | 0.499 | 0.342        | 8.69  | F           | F              | K             |
| LC 022A 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 25.00       | 0.446 | 0.374        | 9.50  | F           | F              | K             |
| LC 022A 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 22.00       | 0.392 | 0.419        | 10.64 | F           | F              | K             |
| LC 022A 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 20.00       | 0.357 | 0.451        | 11.46 | F           | F              | K             |
| LC 022A 10       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 18.00       | 0.321 | 0.510        | 12.95 | F           | F              | K             |
| LC 022A 11       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 16.00       | 0.285 | 0.555        | 14.10 | F           | F              | K             |
| LC 022A 12       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 15.00       | 0.268 | 0.600        | 15.24 | F           | F              | K             |
| LC 022A 13       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 13.00       | 0.232 | 0.665        | 16.89 | F           | F              | K             |
| LC 022A 14       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 11.75       | 0.210 | 0.758        | 19.25 | F           | F              | K             |
| LC 022A 15       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 9.70        | 0.173 | 0.902        | 22.91 | F           | F              | K             |
| LC 024A 01       | .120             | 3.05 | .125                     | 3.18 | .024          | .61 | 8.200                      | 3.720 | 0.250       | 6.35  | 107.40      | 1.918 | 0.179        | 4.54  | F           | F              | K             |
| LC 024A 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 82.20       | 1.468 | 0.219        | 5.55  | F           | F              | K             |
| LC 024A 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 66.30       | 1.185 | 0.259        | 6.58  | F           | F              | K             |
| LC 024A 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 55.60       | 0.993 | 0.299        | 7.60  | F           | F              | K             |
| LC 024A 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 48.00       | 0.857 | 0.339        | 8.61  | F           | F              | K             |
| LC 024A 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 42.20       | 0.754 | 0.379        | 9.62  | F           | F              | K             |
| LC 024A 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 37.60       | 0.671 | 0.419        | 10.65 | F           | F              | K             |
| LC 024A 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 34.00       | 0.606 | 0.459        | 11.66 | F           | F              | K             |
| LC 024A 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 30.90       | 0.552 | 0.499        | 12.68 | F           | F              | K             |
| LC 024A 10       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 28.40       | 0.507 | 0.539        | 13.69 | F           | F              | K             |
| LC 024A 11       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 26.20       | 0.468 | 0.579        | 14.72 | F           | F              | K             |
| LC 024A 12       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 24.40       | 0.436 | 0.619        | 15.73 | F           | F              | K             |
| LC 024A 13       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 22.80       | 0.407 | 0.660        | 16.75 | F           | F              | K             |
| LC 024A 14       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 20.10       | 0.360 | 0.740        | 18.79 | F           | F              | K             |
| LC 024A 15       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 18.00       | 0.322 | 0.820        | 20.82 | F           | F              | K             |
| LC 024A 16       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 14.90       | 0.267 | 0.980        | 24.89 | F           | F              | K             |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

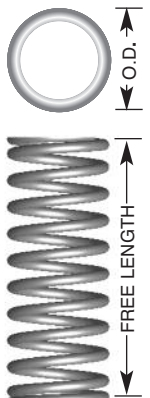
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 014AA 01      | .125             | 3.18 | .141                     | 3.57 | .014          | .36 | 1.553                      | .704  | 0.250       | 6.35  | 9.77        | 0.174 | 0.091        | 2.31  | F           | F              | K             |
| LC 014AA 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 7.61        | 0.136 | 0.109        | 2.76  | F           | F              | K             |
| LC 014AA 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 6.25        | 0.112 | 0.126        | 3.20  | F           | F              | K             |
| LC 014AA 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 5.29        | 0.094 | 0.144        | 3.65  | F           | F              | K             |
| LC 014AA 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 4.59        | 0.082 | 0.161        | 4.09  | F           | F              | K             |
| LC 014AA 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 4.05        | 0.072 | 0.179        | 4.54  | F           | F              | K             |
| LC 014AA 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 3.63        | 0.065 | 0.196        | 4.98  | F           | F              | K             |
| LC 014AA 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 3.29        | 0.059 | 0.214        | 5.43  | F           | F              | K             |
| LC 014AA 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 3.00        | 0.054 | 0.231        | 5.87  | F           | F              | K             |
| LC 014AA 10      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 2.76        | 0.049 | 0.249        | 6.32  | F           | F              | K             |
| LC 014AA 11      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 2.56        | 0.046 | 0.266        | 6.76  | F           | F              | K             |
| LC 014AA 12      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 2.38        | 0.043 | 0.284        | 7.21  | F           | F              | K             |
| LC 014AA 13      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 2.23        | 0.040 | 0.301        | 7.65  | F           | F              | K             |
| LC 014AA 14      |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 1.98        | 0.035 | 0.336        | 8.54  | F           | F              | K             |
| LC 014AA 15      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 1.77        | 0.032 | 0.371        | 9.43  | F           | F              | K             |
| LC 014AA 16      |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 1.61        | 0.029 | 0.406        | 10.32 | F           | F              | K             |
| LC 014AA 17      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 1.47        | 0.026 | 0.441        | 11.21 | F           | F              | K             |
| LC 016AA 01      | .125             | 3.18 | .141                     | 3.57 | .016          | .41 | 2.719                      | 1.233 | 0.250       | 6.35  | 18.29       | 0.327 | 0.101        | 2.57  | F           | F              | K             |
| LC 016AA 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 14.19       | 0.253 | 0.121        | 3.08  | F           | F              | K             |
| LC 016AA 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 11.62       | 0.208 | 0.141        | 3.57  | F           | F              | K             |
| LC 016AA 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 9.82        | 0.175 | 0.160        | 4.07  | F           | F              | K             |
| LC 016AA 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 8.52        | 0.152 | 0.180        | 4.57  | F           | F              | K             |
| LC 016AA 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 7.51        | 0.134 | 0.200        | 5.07  | F           | F              | K             |
| LC 016AA 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 6.72        | 0.120 | 0.219        | 5.56  | F           | F              | K             |
| LC 016AA 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 6.08        | 0.109 | 0.239        | 6.07  | F           | F              | K             |
| LC 016AA 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 5.55        | 0.099 | 0.258        | 6.56  | F           | F              | K             |
| LC 016AA 10      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 5.11        | 0.091 | 0.278        | 7.06  | F           | F              | K             |
| LC 016AA 11      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 4.40        | 0.079 | 0.317        | 8.06  | F           | F              | K             |
| LC 016AA 12      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 4.12        | 0.074 | 0.337        | 8.55  | F           | F              | K             |
| LC 016AA 13      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 3.27        | 0.058 | 0.415        | 10.54 | F           | F              | K             |
| LC 016AA 14      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 2.72        | 0.049 | 0.494        | 12.54 | F           | F              | K             |
| LC 018AA 01      | .125             | 3.18 | .141                     | 3.57 | .018          | .46 | 3.679                      | 1.669 | 0.250       | 6.35  | 28.47       | 0.508 | 0.121        | 3.07  | F           | F              | K             |
| LC 018AA 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 22.00       | 0.393 | 0.145        | 3.69  | F           | F              | K             |
| LC 018AA 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 18.00       | 0.321 | 0.170        | 4.31  | F           | F              | K             |
| LC 018AA 04      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 13.13       | 0.234 | 0.219        | 5.55  | F           | F              | K             |
| LC 018AA 05      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 11.56       | 0.206 | 0.243        | 6.18  | F           | F              | K             |
| LC 018AA 06      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 10.34       | 0.185 | 0.267        | 6.79  | F           | F              | K             |
| LC 018AA 07      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 9.34        | 0.167 | 0.292        | 7.42  | F           | F              | K             |
| LC 018AA 08      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 8.53        | 0.152 | 0.316        | 8.04  | F           | F              | K             |
| LC 018AA 09      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 7.84        | 0.140 | 0.341        | 8.66  | F           | F              | K             |
| LC 018AA 10      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 6.75        | 0.121 | 0.390        | 9.90  | F           | F              | K             |
| LC 018AA 11      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 6.32        | 0.113 | 0.414        | 10.52 | F           | F              | K             |
| LC 018AA 12      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 5.02        | 0.090 | 0.512        | 13.00 | F           | F              | K             |
| LC 018AA 13      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 4.16        | 0.074 | 0.610        | 15.49 | F           | F              | K             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |   |      |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|---|------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | M           | S | S316 |
| LC 020AA 01      | .125             | 3.18 | .141                     | 3.57 | .020          | .51 | 5.629                      | 2.553 | 0.250       | 6.35  | 47.41       | 0.847 | 0.131        | 3.33  | F           | F | K    |
| LC 020AA 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 36.47       | 0.651 | 0.158        | 4.02  | F           | F | K    |
| LC 020AA 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 30.97       | 0.553 | 0.185        | 4.70  | F           | F | K    |
| LC 020AA 04      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 21.46       | 0.383 | 0.240        | 6.10  | F           | F | K    |
| LC 020AA 05      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 18.73       | 0.334 | 0.269        | 6.84  | F           | F | K    |
| LC 020AA 06      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 16.61       | 0.297 | 0.298        | 7.58  | F           | F | K    |
| LC 020AA 07      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 14.88       | 0.266 | 0.328        | 8.34  | F           | F | K    |
| LC 020AA 08      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 13.47       | 0.241 | 0.358        | 9.10  | F           | F | K    |
| LC 020AA 09      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 12.37       | 0.221 | 0.386        | 9.82  | F           | F | K    |
| LC 020AA 10      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 10.65       | 0.190 | 0.442        | 11.23 | F           | F | K    |
| LC 020AA 11      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 9.96        | 0.178 | 0.470        | 11.94 | F           | F | K    |
| LC 020AA 12      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 7.90        | 0.141 | 0.582        | 14.77 | F           | F | K    |
| LC 020AA 13      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 6.55        | 0.117 | 0.693        | 17.61 | F           | F | K    |
| LC 022AA 01      | .125             | 3.18 | .141                     | 3.57 | .022          | .56 | 6.851                      | 3.108 | 0.250       | 6.35  | 69.07       | 1.234 | 0.151        | 3.83  | F           | F | K    |
| LC 022AA 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 52.90       | 0.945 | 0.183        | 4.65  | F           | F | K    |
| LC 022AA 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 42.99       | 0.768 | 0.215        | 5.46  | F           | F | K    |
| LC 022AA 04      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 31.20       | 0.557 | 0.279        | 7.08  | F           | F | K    |
| LC 022AA 05      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 27.42       | 0.490 | 0.311        | 7.90  | F           | F | K    |
| LC 022AA 06      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 24.49       | 0.437 | 0.343        | 8.71  | F           | F | K    |
| LC 022AA 07      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 22.09       | 0.395 | 0.375        | 9.53  | F           | F | K    |
| LC 022AA 08      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 18.50       | 0.330 | 0.439        | 11.15 | F           | F | K    |
| LC 022AA 09      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 15.92       | 0.284 | 0.503        | 12.78 | F           | F | K    |
| LC 022AA 10      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 15.00       | 0.268 | 0.531        | 13.49 | F           | F | K    |
| LC 022AA 11      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 11.89       | 0.212 | 0.658        | 16.72 | F           | F | K    |
| LC 022AA 12      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 9.85        | 0.176 | 0.785        | 19.94 | F           | F | K    |
| LC 016AB 01      | .148             | 3.76 | .156                     | 3.96 | .016          | .41 | 1.900                      | .861  | 0.250       | 6.35  | 11.90       | 0.211 | 0.092        | 2.35  | F           | F | K    |
| LC 016AB 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 9.20        | 0.164 | 0.109        | 2.78  | F           | F | K    |
| LC 016AB 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 7.50        | 0.134 | 0.126        | 3.21  | F           | F | K    |
| LC 016AB 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 6.40        | 0.114 | 0.144        | 3.64  | F           | F | K    |
| LC 016AB 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 5.50        | 0.098 | 0.161        | 4.08  | F           | F | K    |
| LC 016AB 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 4.90        | 0.087 | 0.178        | 4.51  | F           | F | K    |
| LC 016AB 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 4.40        | 0.078 | 0.195        | 4.94  | F           | F | K    |
| LC 016AB 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 3.90        | 0.070 | 0.212        | 5.38  | F           | F | K    |
| LC 016AB 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 3.60        | 0.064 | 0.229        | 5.81  | F           | F | K    |
| LC 016AB 10      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 3.30        | 0.059 | 0.246        | 6.24  | F           | F | K    |
| LC 016AB 11      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 2.90        | 0.051 | 0.280        | 7.11  | F           | F | K    |
| LC 016AB 12      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 2.70        | 0.048 | 0.297        | 7.54  | F           | F | K    |
| LC 016AB 13      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 2.10        | 0.038 | 0.365        | 9.27  | F           | F | K    |
| LC 016AB 14      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 1.80        | 0.031 | 0.433        | 11.00 | F           | F | K    |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

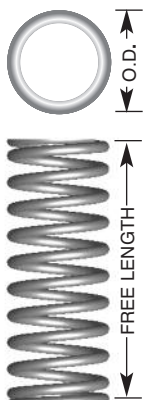
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE<br>STOCK<br>NUMBER | OUTSIDE<br>DIAMETER |      | TO WORK<br>IN HOLE<br>DIAMETER |      | WIRE<br>DIAMETER |     | APPROX.<br>LOAD AT<br>SOLID HGT. |       | FREE<br>LENGTH |       | SPRING<br>RATE |       | SOLID<br>HEIGHT |       | PRICE GROUP   |                   |                  |
|------------------------|---------------------|------|--------------------------------|------|------------------|-----|----------------------------------|-------|----------------|-------|----------------|-------|-----------------|-------|---------------|-------------------|------------------|
|                        | IN.                 | MM   | IN.                            | MM   | IN.              | MM  | LB.                              | KG    | IN.            | MM    | LB/IN.         | KG/MM | IN.             | MM    | Music<br>Wire | 302<br>Stainless* | 316<br>Stainless |
| LC 018AB 01            | .148                | 3.76 | .156                           | 3.96 | .018             | .46 | 2.900                            | 1.313 | 0.250          | 6.35  | 19.60          | 0.349 | 0.105           | 2.67  | F             | F                 | K                |
| LC 018AB 02            |                     |      |                                |      |                  |     |                                  |       | 0.313          | 7.95  | 15.20          | 0.270 | 0.125           | 3.17  | F             | F                 | K                |
| LC 018AB 03            |                     |      |                                |      |                  |     |                                  |       | 0.375          | 9.53  | 12.40          | 0.220 | 0.145           | 3.67  | F             | F                 | K                |
| LC 018AB 04            |                     |      |                                |      |                  |     |                                  |       | 0.438          | 11.13 | 10.40          | 0.186 | 0.164           | 4.18  | F             | F                 | K                |
| LC 018AB 05            |                     |      |                                |      |                  |     |                                  |       | 0.500          | 12.70 | 9.00           | 0.161 | 0.184           | 4.68  | F             | F                 | K                |
| LC 018AB 06            |                     |      |                                |      |                  |     |                                  |       | 0.563          | 14.30 | 8.00           | 0.142 | 0.204           | 5.18  | F             | F                 | K                |
| LC 018AB 07            |                     |      |                                |      |                  |     |                                  |       | 0.625          | 15.88 | 7.10           | 0.127 | 0.224           | 5.69  | F             | F                 | K                |
| LC 018AB 08            |                     |      |                                |      |                  |     |                                  |       | 0.688          | 17.48 | 6.40           | 0.115 | 0.244           | 6.19  | F             | F                 | K                |
| LC 018AB 09            |                     |      |                                |      |                  |     |                                  |       | 0.750          | 19.05 | 5.90           | 0.105 | 0.264           | 6.69  | F             | F                 | K                |
| LC 018AB 10            |                     |      |                                |      |                  |     |                                  |       | 0.813          | 20.65 | 5.40           | 0.096 | 0.283           | 7.20  | F             | F                 | K                |
| LC 018AB 11            |                     |      |                                |      |                  |     |                                  |       | 0.938          | 23.83 | 4.60           | 0.083 | 0.323           | 8.21  | F             | F                 | K                |
| LC 018AB 12            |                     |      |                                |      |                  |     |                                  |       | 1.000          | 25.40 | 4.30           | 0.077 | 0.343           | 8.71  | F             | F                 | K                |
| LC 018AB 13            |                     |      |                                |      |                  |     |                                  |       | 1.250          | 31.75 | 3.50           | 0.062 | 0.422           | 10.72 | F             | F                 | K                |
| LC 018AB 14            |                     |      |                                |      |                  |     |                                  |       | 1.500          | 38.10 | 2.90           | 0.051 | 0.501           | 12.73 | F             | F                 | K                |
| LC 021AB 01            | .148                | 3.76 | .156                           | 3.96 | .021             | .53 | 4.000                            | 1.812 | 0.250          | 6.35  | 32.00          | 0.570 | 0.133           | 3.38  | F             | F                 | K                |
| LC 021AB 02            |                     |      |                                |      |                  |     |                                  |       | 0.313          | 7.95  | 25.00          | 0.446 | 0.160           | 4.06  | F             | F                 | K                |
| LC 021AB 03            |                     |      |                                |      |                  |     |                                  |       | 0.375          | 9.53  | 20.00          | 0.357 | 0.187           | 4.75  | F             | F                 | K                |
| LC 021AB 04            |                     |      |                                |      |                  |     |                                  |       | 0.438          | 11.13 | 17.00          | 0.303 | 0.214           | 5.44  | F             | F                 | K                |
| LC 021AB 05            |                     |      |                                |      |                  |     |                                  |       | 0.500          | 12.70 | 14.70          | 0.262 | 0.242           | 6.15  | F             | F                 | K                |
| LC 021AB 06            |                     |      |                                |      |                  |     |                                  |       | 0.563          | 14.30 | 13.00          | 0.232 | 0.268           | 6.81  | F             | F                 | K                |
| LC 021AB 07            |                     |      |                                |      |                  |     |                                  |       | 0.625          | 15.88 | 11.70          | 0.209 | 0.294           | 7.47  | F             | F                 | K                |
| LC 021AB 08            |                     |      |                                |      |                  |     |                                  |       | 0.688          | 17.48 | 10.50          | 0.187 | 0.321           | 8.15  | F             | F                 | K                |
| LC 021AB 09            |                     |      |                                |      |                  |     |                                  |       | 0.750          | 19.05 | 9.70           | 0.173 | 0.349           | 8.86  | F             | F                 | K                |
| LC 021AB 10            |                     |      |                                |      |                  |     |                                  |       | 0.813          | 20.65 | 8.90           | 0.159 | 0.376           | 9.55  | F             | F                 | K                |
| LC 021AB 11            |                     |      |                                |      |                  |     |                                  |       | 0.938          | 23.83 | 7.50           | 0.134 | 0.430           | 10.92 | F             | F                 | K                |
| LC 021AB 12            |                     |      |                                |      |                  |     |                                  |       | 1.000          | 25.40 | 7.00           | 0.125 | 0.479           | 12.17 | F             | F                 | K                |
| LC 021AB 13            |                     |      |                                |      |                  |     |                                  |       | 1.250          | 31.75 | 5.80           | 0.104 | 0.568           | 14.43 | F             | F                 | K                |
| LC 021AB 14            |                     |      |                                |      |                  |     |                                  |       | 1.500          | 38.10 | 4.80           | 0.086 | 0.675           | 17.15 | F             | F                 | K                |
| LC 023AB 01            | .148                | 3.76 | .156                           | 3.96 | .023             | .58 | 5.000                            | 2.264 | 0.250          | 6.35  | 47.50          | 0.847 | 0.147           | 3.73  | F             | F                 | K                |
| LC 023AB 02            |                     |      |                                |      |                  |     |                                  |       | 0.313          | 7.95  | 36.50          | 0.651 | 0.178           | 4.52  | F             | F                 | K                |
| LC 023AB 03            |                     |      |                                |      |                  |     |                                  |       | 0.375          | 9.53  | 29.50          | 0.526 | 0.209           | 5.31  | F             | F                 | K                |
| LC 023AB 04            |                     |      |                                |      |                  |     |                                  |       | 0.438          | 11.13 | 25.40          | 0.453 | 0.239           | 6.07  | F             | F                 | K                |
| LC 023AB 05            |                     |      |                                |      |                  |     |                                  |       | 0.500          | 12.70 | 22.00          | 0.392 | 0.272           | 6.91  | F             | F                 | K                |
| LC 023AB 06            |                     |      |                                |      |                  |     |                                  |       | 0.563          | 14.30 | 19.00          | 0.339 | 0.302           | 7.67  | F             | F                 | K                |
| LC 023AB 07            |                     |      |                                |      |                  |     |                                  |       | 0.625          | 15.88 | 17.00          | 0.303 | 0.334           | 8.48  | F             | F                 | K                |
| LC 023AB 08            |                     |      |                                |      |                  |     |                                  |       | 0.688          | 17.48 | 15.50          | 0.276 | 0.364           | 9.24  | F             | F                 | K                |
| LC 023AB 09            |                     |      |                                |      |                  |     |                                  |       | 0.750          | 19.05 | 14.00          | 0.250 | 0.396           | 10.06 | F             | F                 | K                |
| LC 023AB 10            |                     |      |                                |      |                  |     |                                  |       | 0.813          | 20.65 | 12.80          | 0.229 | 0.425           | 10.80 | F             | F                 | K                |
| LC 023AB 11            |                     |      |                                |      |                  |     |                                  |       | 0.938          | 23.83 | 11.00          | 0.196 | 0.505           | 12.83 | F             | F                 | K                |
| LC 023AB 12            |                     |      |                                |      |                  |     |                                  |       | 1.000          | 25.40 | 10.30          | 0.184 | 0.536           | 13.61 | F             | F                 | K                |
| LC 023AB 13            |                     |      |                                |      |                  |     |                                  |       | 1.250          | 31.75 | 8.30           | 0.148 | 0.652           | 16.56 | F             | F                 | K                |
| LC 023AB 14            |                     |      |                                |      |                  |     |                                  |       | 1.500          | 38.10 | 6.90           | 0.123 | 0.773           | 19.63 | F             | F                 | K                |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 016AC 01      | .156             | 3.96 | .172                     | 4.37 | .016          | .41 | 1.761                      | .799  | 0.250       | 6.35  | 10.82       | 0.193 | 0.087        | 2.22  | F           | F              | K             |
| LC 016AC 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 8.39        | 0.150 | 0.103        | 2.61  | F           | F              | K             |
| LC 016AC 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 6.88        | 0.123 | 0.118        | 3.01  | F           | F              | K             |
| LC 016AC 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 5.81        | 0.104 | 0.134        | 3.40  | F           | F              | K             |
| LC 016AC 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 5.04        | 0.090 | 0.149        | 3.80  | F           | F              | K             |
| LC 016AC 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 4.44        | 0.079 | 0.165        | 4.20  | F           | F              | K             |
| LC 016AC 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 3.98        | 0.071 | 0.181        | 4.59  | F           | F              | K             |
| LC 016AC 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 3.60        | 0.064 | 0.196        | 4.99  | F           | F              | K             |
| LC 016AC 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 3.29        | 0.059 | 0.212        | 5.38  | F           | F              | K             |
| LC 016AC 10      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 2.45        | 0.044 | 0.274        | 6.96  | F           | F              | K             |
| LC 016AC 11      |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 2.16        | 0.039 | 0.305        | 7.75  | F           | F              | K             |
| LC 016AC 12      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 1.94        | 0.035 | 0.336        | 8.54  | F           | F              | K             |
| LC 016AC 13      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 1.61        | 0.029 | 0.398        | 10.12 | F           | F              | K             |
| LC 023AD 01      | .156             | 3.96 | .172                     | 4.37 | .023          | .58 | 5.525                      | 2.506 | 0.250       | 6.35  | 48.13       | 0.861 | 0.135        | 3.43  | F           | F              | K             |
| LC 023AD 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 36.77       | 0.658 | 0.162        | 4.11  | F           | F              | K             |
| LC 023AD 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 29.84       | 0.534 | 0.189        | 4.80  | F           | F              | K             |
| LC 023AD 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 25.05       | 0.448 | 0.216        | 5.49  | F           | F              | K             |
| LC 023AD 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 21.63       | 0.387 | 0.243        | 6.17  | F           | F              | K             |
| LC 023AD 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 18.99       | 0.340 | 0.270        | 6.86  | F           | F              | K             |
| LC 023AD 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 16.96       | 0.304 | 0.297        | 7.54  | F           | F              | K             |
| LC 023AD 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 15.29       | 0.274 | 0.324        | 8.23  | F           | F              | K             |
| LC 023AD 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 13.95       | 0.250 | 0.350        | 8.89  | F           | F              | K             |
| LC 023AD 10      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 12.80       | 0.229 | 0.378        | 9.60  | F           | F              | K             |
| LC 023AD 11      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 11.01       | 0.197 | 0.431        | 10.95 | F           | F              | K             |
| LC 023AD 12      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 10.29       | 0.184 | 0.458        | 11.63 | F           | F              | K             |
| LC 023AD 13      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 8.15        | 0.146 | 0.566        | 14.38 | F           | F              | K             |
| LC 023AD 14      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 6.75        | 0.121 | 0.673        | 17.09 | F           | F              | K             |
| LC 014B 01       | .180             | 4.57 | .188                     | 4.78 | .014          | .36 | 1.090                      | .490  | 0.250       | 6.35  | 5.80        | 0.104 | 0.069        | 1.75  | F           | F              | K             |
| LC 014B 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 4.50        | 0.080 | 0.077        | 1.96  | F           | F              | K             |
| LC 014B 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 3.70        | 0.066 | 0.086        | 2.18  | F           | F              | K             |
| LC 014B 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 3.10        | 0.055 | 0.094        | 2.39  | F           | F              | K             |
| LC 014B 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 2.70        | 0.048 | 0.103        | 2.62  | F           | F              | K             |
| LC 014B 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 2.40        | 0.043 | 0.112        | 2.84  | F           | F              | K             |
| LC 014B 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 2.20        | 0.039 | 0.120        | 3.05  | F           | F              | K             |
| LC 014B 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 2.00        | 0.036 | 0.129        | 3.28  | F           | F              | K             |
| LC 014B 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 1.80        | 0.032 | 0.138        | 3.51  | F           | F              | K             |
| LC 014B 10       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 1.50        | 0.027 | 0.155        | 3.94  | F           | F              | K             |
| LC 014B 11       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 1.30        | 0.023 | 0.172        | 4.37  | F           | F              | K             |
| LC 014B 12       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 1.10        | 0.020 | 0.206        | 5.23  | F           | F              | K             |
| LC 014B 13       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 1.00        | 0.018 | 0.223        | 5.66  | F           | F              | K             |
| LC 014B 14       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 0.90        | 0.016 | 0.240        | 6.10  | F           | F              | K             |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

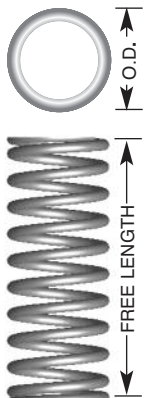
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB./IN.     | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 016B 01       | .180             | 4.57 | .188                     | 4.78 | .016          | .41 | 1.500                      | .680  | 0.250       | 6.35  | 9.00        | 0.161 | 0.073        | 1.85  | F           | F              | K             |
| LC 016B 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 7.50        | 0.134 | 0.081        | 2.06  | F           | F              | K             |
| LC 016B 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 6.00        | 0.107 | 0.093        | 2.36  | F           | F              | K             |
| LC 016B 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 5.00        | 0.089 | 0.105        | 2.67  | F           | F              | K             |
| LC 016B 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 4.50        | 0.080 | 0.113        | 2.87  | F           | F              | K             |
| LC 016B 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 4.00        | 0.071 | 0.125        | 3.18  | F           | F              | K             |
| LC 016B 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 3.50        | 0.062 | 0.137        | 3.48  | F           | F              | K             |
| LC 016B 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 3.00        | 0.053 | 0.153        | 3.89  | F           | F              | K             |
| LC 016B 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 2.50        | 0.045 | 0.177        | 4.50  | F           | F              | K             |
| LC 016B 10       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 2.20        | 0.039 | 0.195        | 4.95  | F           | F              | K             |
| LC 016B 11       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 1.90        | 0.034 | 0.220        | 5.59  | F           | F              | K             |
| LC 016B 12       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 1.50        | 0.027 | 0.277        | 7.04  | F           | F              | K             |
| LC 016B 13       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 1.30        | 0.023 | 0.305        | 7.75  | F           | F              | K             |
| LC 016B 14       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 1.20        | 0.021 | 0.342        | 8.69  | F           | F              | K             |
| LC 016B 15       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 1.00        | 0.018 | 0.405        | 10.28 | F           | F              | K             |
| LC 018B 01       | .180             | 4.57 | .188                     | 4.78 | .018          | .46 | 2.340                      | 1.061 | 0.250       | 6.35  | 13.50       | 0.241 | 0.086        | 2.18  | F           | F              | K             |
| LC 018B 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 11.00       | 0.196 | 0.100        | 2.54  | F           | F              | K             |
| LC 018B 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 9.00        | 0.160 | 0.114        | 2.90  | F           | F              | K             |
| LC 018B 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 8.00        | 0.143 | 0.123        | 3.12  | F           | F              | K             |
| LC 018B 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 7.00        | 0.125 | 0.132        | 3.35  | F           | F              | K             |
| LC 018B 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 6.00        | 0.107 | 0.150        | 3.81  | F           | F              | K             |
| LC 018B 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 5.00        | 0.089 | 0.172        | 4.37  | F           | F              | K             |
| LC 018B 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 4.50        | 0.080 | 0.186        | 4.72  | F           | F              | K             |
| LC 018B 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 4.00        | 0.071 | 0.199        | 5.05  | F           | F              | K             |
| LC 018B 10       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 3.60        | 0.064 | 0.221        | 5.61  | F           | F              | K             |
| LC 018B 11       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 3.10        | 0.055 | 0.256        | 6.50  | F           | F              | K             |
| LC 018B 12       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 2.50        | 0.044 | 0.302        | 7.67  | F           | F              | K             |
| LC 018B 13       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 2.30        | 0.041 | 0.338        | 8.58  | F           | F              | K             |
| LC 018B 14       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 2.00        | 0.036 | 0.374        | 9.50  | F           | F              | K             |
| LC 018B 15       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 1.70        | 0.030 | 0.442        | 11.22 | F           | F              | K             |
| LC 020B 01       | .180             | 4.57 | .188                     | 4.78 | .020          | .51 | 3.000                      | 1.361 | 0.250       | 6.35  | 21.00       | 0.375 | 0.107        | 2.72  | F           | F              | K             |
| LC 020B 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 16.00       | 0.285 | 0.125        | 3.18  | F           | F              | K             |
| LC 020B 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 12.80       | 0.229 | 0.144        | 3.66  | F           | F              | K             |
| LC 020B 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 11.00       | 0.196 | 0.160        | 4.06  | F           | F              | K             |
| LC 020B 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 9.30        | 0.166 | 0.180        | 4.57  | F           | F              | K             |
| LC 020B 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 8.30        | 0.148 | 0.196        | 4.98  | F           | F              | K             |
| LC 020B 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 7.30        | 0.130 | 0.214        | 5.44  | F           | F              | K             |
| LC 020B 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 6.50        | 0.116 | 0.234        | 5.94  | F           | F              | K             |
| LC 020B 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 6.00        | 0.107 | 0.250        | 6.35  | F           | F              | K             |
| LC 020B 10       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 5.10        | 0.091 | 0.285        | 7.24  | F           | F              | K             |
| LC 020B 11       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 4.50        | 0.080 | 0.315        | 8.00  | F           | F              | K             |
| LC 020B 12       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 3.50        | 0.062 | 0.385        | 9.78  | F           | F              | K             |
| LC 020B 13       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 3.20        | 0.057 | 0.420        | 10.67 | F           | F              | K             |
| LC 020B 14       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 2.90        | 0.052 | 0.450        | 11.43 | F           | F              | K             |
| LC 020B 15       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 2.40        | 0.043 | 0.530        | 13.46 | F           | F              | K             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |   |      |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|---|------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | M           | S | S316 |
| LC 022B 01       | .180             | 4.57 | .188                     | 4.78 | .022          | .56 | 4.000                      | 1.814 | 0.250       | 6.35  | 30.00       | 0.536 | 0.111        | 2.82  | F           | F | K    |
| LC 022B 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 24.00       | 0.428 | 0.128        | 3.25  | F           | F | K    |
| LC 022B 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 20.00       | 0.357 | 0.144        | 3.66  | F           | F | K    |
| LC 022B 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 17.00       | 0.303 | 0.161        | 4.09  | F           | F | K    |
| LC 022B 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 14.00       | 0.250 | 0.188        | 4.78  | F           | F | K    |
| LC 022B 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 12.00       | 0.214 | 0.210        | 5.33  | F           | F | K    |
| LC 022B 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 10.50       | 0.187 | 0.238        | 6.04  | F           | F | K    |
| LC 022B 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 9.50        | 0.169 | 0.260        | 6.60  | F           | F | K    |
| LC 022B 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 8.50        | 0.152 | 0.287        | 7.29  | F           | F | K    |
| LC 022B 10       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 7.50        | 0.134 | 0.310        | 7.87  | F           | F | K    |
| LC 022B 11       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 6.70        | 0.119 | 0.346        | 8.79  | F           | F | K    |
| LC 022B 12       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 6.30        | 0.112 | 0.368        | 9.35  | F           | F | K    |
| LC 022B 13       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 5.50        | 0.098 | 0.403        | 10.24 | F           | F | K    |
| LC 022B 14       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 5.00        | 0.089 | 0.446        | 11.33 | F           | F | K    |
| LC 022B 15       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 4.10        | 0.073 | 0.527        | 13.38 | F           | F | K    |
| LC 022B 16       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 3.50        | 0.063 | 0.620        | 15.74 | F           | F | K    |
| LC 024B 01       | .180             | 4.57 | .188                     | 4.78 | .024          | .61 | 5.375                      | 2.434 | 0.250       | 6.35  | 44.00       | 0.784 | 0.130        | 3.30  | F           | F | K    |
| LC 024B 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 33.00       | 0.588 | 0.158        | 4.01  | F           | F | K    |
| LC 024B 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 26.50       | 0.472 | 0.178        | 4.52  | F           | F | K    |
| LC 024B 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 22.00       | 0.392 | 0.202        | 5.13  | F           | F | K    |
| LC 024B 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 19.00       | 0.339 | 0.221        | 5.61  | F           | F | K    |
| LC 024B 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 16.50       | 0.294 | 0.248        | 6.30  | F           | F | K    |
| LC 024B 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 15.00       | 0.267 | 0.269        | 6.83  | F           | F | K    |
| LC 024B 08       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 12.00       | 0.214 | 0.322        | 8.18  | F           | F | K    |
| LC 024B 09       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 10.30       | 0.184 | 0.370        | 9.40  | F           | F | K    |
| LC 024B 10       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 9.00        | 0.160 | 0.416        | 10.57 | F           | F | K    |
| LC 024B 11       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 7.80        | 0.139 | 0.466        | 11.84 | F           | F | K    |
| LC 024B 12       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 7.00        | 0.125 | 0.510        | 12.95 | F           | F | K    |
| LC 024B 13       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 5.80        | 0.104 | 0.598        | 15.19 | F           | F | K    |
| LC 024B 14       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 5.00        | 0.089 | 0.672        | 17.07 | F           | F | K    |
| LC 024B 15       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 4.30        | 0.077 | 0.769        | 19.53 | F           | F | K    |
| LC 026B 01       | .180             | 4.57 | .188                     | 4.78 | .026          | .66 | 6.900                      | 3.130 | 0.250       | 6.35  | 60.00       | 1.071 | 0.138        | 3.51  | F           | F | K    |
| LC 026B 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 47.00       | 0.838 | 0.157        | 3.99  | F           | F | K    |
| LC 026B 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 37.00       | 0.660 | 0.190        | 4.83  | F           | F | K    |
| LC 026B 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 31.00       | 0.553 | 0.215        | 5.46  | F           | F | K    |
| LC 026B 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 27.00       | 0.482 | 0.235        | 5.97  | F           | F | K    |
| LC 026B 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 23.00       | 0.411 | 0.274        | 6.96  | F           | F | K    |
| LC 026B 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 21.00       | 0.374 | 0.287        | 7.29  | F           | F | K    |
| LC 026B 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 19.00       | 0.339 | 0.313        | 7.95  | F           | F | K    |
| LC 026B 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 17.00       | 0.303 | 0.345        | 8.76  | F           | F | K    |
| LC 026B 10       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 16.00       | 0.285 | 0.365        | 9.27  | F           | F | K    |
| LC 026B 11       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 15.00       | 0.268 | 0.391        | 9.93  | F           | F | K    |
| LC 026B 12       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 12.30       | 0.220 | 0.453        | 11.51 | F           | F | K    |
| LC 026B 13       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 10.80       | 0.192 | 0.512        | 13.00 | F           | F | K    |
| LC 026B 14       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 9.70        | 0.173 | 0.552        | 14.02 | F           | F | K    |
| LC 026B 15       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 8.00        | 0.143 | 0.680        | 17.27 | F           | F | K    |
| LC 026B 16       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 6.90        | 0.123 | 0.766        | 19.46 | F           | F | K    |
| LC 026B 17       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 6.00        | 0.107 | 0.871        | 22.12 | F           | F | K    |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

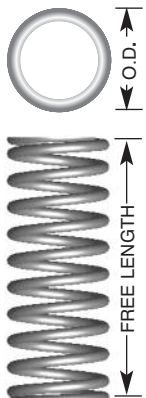
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 029B 0        | .180             | 4.57 | .188                     | 4.78 | .029          | .74 | 9.500                      | 4.302 | 0.250       | 6.35  | 97.80       | 1.747 | 0.159        | 4.04  | F           | F              | K             |
| LC 029B 01       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 76.00       | 1.355 | 0.187        | 4.75  | F           | F              | K             |
| LC 029B 02       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 61.00       | 1.088 | 0.220        | 5.59  | F           | F              | K             |
| LC 029B 03       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 50.00       | 0.892 | 0.249        | 6.32  | F           | F              | K             |
| LC 029B 04       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 43.00       | 0.767 | 0.280        | 7.11  | F           | F              | K             |
| LC 029B 05       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 37.50       | 0.669 | 0.315        | 8.00  | F           | F              | K             |
| LC 029B 06       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 33.00       | 0.588 | 0.344        | 8.74  | F           | F              | K             |
| LC 029B 07       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 30.00       | 0.535 | 0.372        | 9.45  | F           | F              | K             |
| LC 029B 08       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 27.00       | 0.481 | 0.410        | 10.41 | F           | F              | K             |
| LC 029B 09       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 25.00       | 0.446 | 0.437        | 11.10 | F           | F              | K             |
| LC 029B 10       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 23.00       | 0.410 | 0.468        | 11.89 | F           | F              | K             |
| LC 029B 11       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 21.25       | 0.379 | 0.502        | 12.75 | F           | F              | K             |
| LC 029B 12       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 19.50       | 0.348 | 0.532        | 13.51 | F           | F              | K             |
| LC 029B 13       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 17.50       | 0.312 | 0.590        | 14.99 | F           | F              | K             |
| LC 029B 14       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 15.50       | 0.276 | 0.647        | 16.43 | F           | F              | K             |
| LC 029B 15       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 14.00       | 0.250 | 0.715        | 18.16 | F           | F              | K             |
| LC 029B 16       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 12.75       | 0.227 | 0.770        | 19.56 | F           | F              | K             |
| LC 029B 17       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 10.80       | 0.192 | 0.885        | 22.48 | F           | F              | K             |
| LC 029B 18       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 9.50        | 0.169 | 1.015        | 25.78 | F           | F              | K             |
| LC 032B 01       | .180             | 4.57 | .188                     | 4.78 | .032          | .81 | 12.607                     | 5.719 | 0.313       | 7.95  | 122.00      | 2.179 | 0.193        | 4.90  | F           | F              | K             |
| LC 032B 02       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 95.00       | 1.694 | 0.233        | 5.92  | F           | F              | K             |
| LC 032B 03       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 80.00       | 1.426 | 0.257        | 6.53  | F           | F              | K             |
| LC 032B 04       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 65.00       | 1.159 | 0.305        | 7.75  | F           | F              | K             |
| LC 032B 05       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 58.00       | 1.034 | 0.337        | 8.56  | F           | F              | K             |
| LC 032B 06       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 51.00       | 0.911 | 0.369        | 9.37  | F           | F              | K             |
| LC 032B 07       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 47.00       | 0.838 | 0.393        | 9.98  | F           | F              | K             |
| LC 032B 08       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 41.00       | 0.731 | 0.450        | 11.43 | F           | F              | K             |
| LC 032B 09       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 37.00       | 0.660 | 0.481        | 12.22 | F           | F              | K             |
| LC 032B 10       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 34.00       | 0.606 | 0.530        | 13.46 | F           | F              | K             |
| LC 032B 11       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 32.00       | 0.570 | 0.561        | 14.25 | F           | F              | K             |
| LC 032B 12       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 29.00       | 0.518 | 0.601        | 15.27 | F           | F              | K             |
| LC 032B 13       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 26.00       | 0.464 | 0.674        | 17.12 | G           | G              | L             |
| LC 032B 14       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 23.50       | 0.419 | 0.739        | 18.77 | G           | G              | L             |
| LC 032B 15       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 21.00       | 0.374 | 0.819        | 20.80 | G           | G              | L             |
| LC 032B 16       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 19.50       | 0.348 | 0.877        | 22.28 | G           | G              | L             |
| LC 032B 17       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 16.50       | 0.294 | 0.994        | 25.25 | G           | G              | L             |
| LC 032B 18       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 14.20       | 0.253 | 1.181        | 30.00 | G           | G              | L             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 035B 01       | .180             | 4.57 | .188                     | 4.78 | .035          | .89 | 16.610                     | 7.540 | 0.375       | 9.53  | 139.20      | 2.486 | 0.263        | 6.69  | F           | F              | K             |
| LC 035B 02       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 115.37      | 2.060 | 0.303        | 7.69  | F           | F              | K             |
| LC 035B 03       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 98.73       | 1.763 | 0.342        | 8.68  | F           | F              | K             |
| LC 035B 04       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 86.12       | 1.538 | 0.381        | 9.68  | F           | F              | K             |
| LC 035B 05       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 76.50       | 1.366 | 0.420        | 10.67 | F           | F              | K             |
| LC 035B 06       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 68.70       | 1.227 | 0.460        | 11.67 | F           | F              | K             |
| LC 035B 07       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 62.43       | 1.115 | 0.498        | 12.66 | F           | F              | K             |
| LC 035B 08       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 57.14       | 1.020 | 0.538        | 13.66 | G           | G              | L             |
| LC 035B 09       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 52.74       | 0.942 | 0.577        | 14.65 | G           | G              | L             |
| LC 035B 10       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 48.91       | 0.873 | 0.616        | 15.65 | G           | G              | L             |
| LC 035B 11       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 45.65       | 0.815 | 0.655        | 16.64 | G           | G              | L             |
| LC 035B 12       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 40.24       | 0.719 | 0.734        | 18.63 | G           | G              | L             |
| LC 035B 13       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 35.98       | 0.643 | 0.812        | 20.62 | G           | G              | L             |
| LC 035B 14       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 32.53       | 0.581 | 0.890        | 22.61 | G           | G              | L             |
| LC 035B 15       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 29.69       | 0.530 | 0.969        | 24.60 | G           | G              | L             |
| LC 035B 16       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 25.27       | 0.451 | 1.125        | 28.58 | G           | G              | L             |
| LC 035B 17       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 22.00       | 0.393 | 1.282        | 32.57 | G           | G              | L             |
| LC 035B 18       |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 19.47       | 0.348 | 1.439        | 36.55 | G           | G              | L             |
| LC 014BB 01      | .188             | 4.78 | .203                     | 5.16 | .014          | .36 | .594                       | .269  | 0.250       | 6.35  | 3.40        | 0.061 | 0.075        | 1.91  | F           | F              | K             |
| LC 014BB 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 2.65        | 0.047 | 0.088        | 2.25  | F           | F              | K             |
| LC 014BB 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 2.17        | 0.039 | 0.101        | 2.58  | F           | F              | K             |
| LC 014BB 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 1.84        | 0.033 | 0.115        | 2.91  | F           | F              | K             |
| LC 014BB 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 1.60        | 0.029 | 0.128        | 3.24  | F           | F              | K             |
| LC 014BB 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 1.41        | 0.025 | 0.141        | 3.57  | F           | F              | K             |
| LC 014BB 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 1.26        | 0.023 | 0.154        | 3.90  | F           | F              | K             |
| LC 014BB 08      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 1.04        | 0.019 | 0.180        | 4.57  | F           | F              | K             |
| LC 014BB 09      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 0.89        | 0.016 | 0.206        | 5.23  | F           | F              | K             |
| LC 014BB 10      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 0.78        | 0.014 | 0.232        | 5.90  | F           | F              | K             |
| LC 014BB 11      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 0.62        | 0.011 | 0.284        | 7.22  | F           | F              | K             |
| LC 014BB 12      |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 0.56        | 0.010 | 0.311        | 7.89  | F           | F              | K             |
| LC 014BB 13      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 0.51        | 0.009 | 0.337        | 8.55  | F           | F              | K             |
| LC 014BB 14      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 0.44        | 0.008 | 0.389        | 9.88  | F           | F              | K             |
| LC 018BB 01      | .188             | 4.78 | .203                     | 5.16 | .018          | .46 | 2.509                      | 1.138 | 0.250       | 6.35  | 14.57       | 0.260 | 0.078        | 1.98  | F           | F              | K             |
| LC 018BB 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 11.26       | 0.201 | 0.090        | 2.28  | F           | F              | K             |
| LC 018BB 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 9.20        | 0.164 | 0.102        | 2.58  | F           | F              | K             |
| LC 018BB 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 7.76        | 0.139 | 0.114        | 2.89  | F           | F              | K             |
| LC 018BB 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 7.00        | 0.125 | 0.122        | 3.11  | F           | F              | K             |
| LC 018BB 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 5.92        | 0.106 | 0.137        | 3.49  | F           | F              | K             |
| LC 018BB 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 5.29        | 0.095 | 0.149        | 3.79  | F           | F              | K             |
| LC 018BB 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 4.78        | 0.085 | 0.161        | 4.10  | F           | F              | K             |
| LC 018BB 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 4.37        | 0.078 | 0.173        | 4.40  | F           | F              | K             |
| LC 018BB 10      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 3.72        | 0.066 | 0.197        | 5.00  | F           | F              | K             |
| LC 018BB 11      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 3.46        | 0.062 | 0.209        | 5.31  | F           | F              | K             |
| LC 018BB 12      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 3.10        | 0.055 | 0.237        | 6.03  | F           | F              | K             |
| LC 018BB 13      |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 2.86        | 0.051 | 0.245        | 6.21  | F           | F              | K             |
| LC 018BB 14      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 2.57        | 0.046 | 0.268        | 6.82  | F           | F              | K             |
| LC 018BB 15      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 2.13        | 0.038 | 0.316        | 8.03  | F           | F              | K             |
| LC 018BB 16      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 1.82        | 0.032 | 0.364        | 9.24  | F           | F              | K             |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

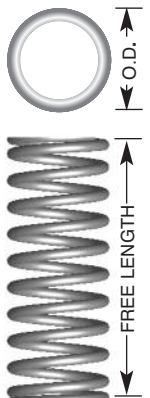
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 020BB 01      | .188             | 4.78 | .203                     | 5.16 | .020          | .51 | 3.212                      | 1.457 | 0.250       | 6.35  | 20.42       | 0.365 | 0.093        | 2.36  | F           | F              | K             |
| LC 020BB 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 15.71       | 0.280 | 0.108        | 2.75  | F           | F              | K             |
| LC 020BB 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 12.80       | 0.229 | 0.123        | 3.13  | F           | F              | K             |
| LC 020BB 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 10.77       | 0.192 | 0.139        | 3.53  | F           | F              | K             |
| LC 020BB 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 9.32        | 0.166 | 0.154        | 3.91  | F           | F              | K             |
| LC 020BB 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 8.20        | 0.146 | 0.170        | 4.31  | F           | F              | K             |
| LC 020BB 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 7.33        | 0.131 | 0.185        | 4.69  | F           | F              | K             |
| LC 020BB 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 6.62        | 0.118 | 0.200        | 5.09  | F           | F              | K             |
| LC 020BB 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 6.04        | 0.108 | 0.215        | 5.47  | F           | F              | K             |
| LC 020BB 10      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 5.14        | 0.092 | 0.246        | 6.25  | F           | F              | K             |
| LC 020BB 11      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 4.78        | 0.085 | 0.262        | 6.64  | F           | F              | K             |
| LC 020BB 12      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 4.47        | 0.080 | 0.277        | 7.03  | F           | F              | K             |
| LC 020BB 13      |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 3.95        | 0.071 | 0.307        | 7.81  | F           | F              | K             |
| LC 020BB 14      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 3.54        | 0.063 | 0.338        | 8.59  | F           | F              | K             |
| LC 020BB 15      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 2.94        | 0.052 | 0.399        | 10.15 | F           | F              | K             |
| LC 020BB 16      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 2.51        | 0.045 | 0.461        | 11.70 | F           | F              | K             |
| LC 023BB 01      | .188             | 4.78 | .203                     | 5.16 | .023          | .58 | 4.000                      | 1.814 | 0.250       | 6.35  | 30.77       | 0.549 | 0.120        | 3.05  | F           | F              | K             |
| LC 023BB 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 23.51       | 0.420 | 0.142        | 3.62  | F           | F              | K             |
| LC 023BB 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 19.08       | 0.341 | 0.164        | 4.18  | F           | F              | K             |
| LC 023BB 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 16.01       | 0.286 | 0.187        | 4.75  | F           | F              | K             |
| LC 023BB 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 13.82       | 0.247 | 0.209        | 5.31  | F           | F              | K             |
| LC 023BB 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 12.14       | 0.217 | 0.231        | 5.88  | F           | F              | K             |
| LC 023BB 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 10.84       | 0.194 | 0.253        | 6.44  | F           | F              | K             |
| LC 023BB 08      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 8.92        | 0.159 | 0.298        | 7.57  | F           | F              | K             |
| LC 023BB 09      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 7.57        | 0.135 | 0.342        | 8.70  | F           | F              | K             |
| LC 023BB 10      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 6.58        | 0.117 | 0.387        | 9.83  | F           | F              | K             |
| LC 023BB 11      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 5.21        | 0.093 | 0.476        | 12.09 | F           | F              | K             |
| LC 023BB 12      |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 4.72        | 0.084 | 0.520        | 13.22 | F           | F              | K             |
| LC 023BB 13      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 4.32        | 0.077 | 0.565        | 14.35 | F           | F              | K             |
| LC 023BB 14      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 3.65        | 0.065 | 0.654        | 16.61 | F           | F              | K             |
| LC 023BB 15      |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 3.18        | 0.057 | 0.743        | 18.87 | F           | F              | K             |
| LC 026BB 01      | .188             | 4.78 | .203                     | 5.16 | .026          | .66 | 7.683                      | 3.485 | 0.250       | 6.35  | 61.09       | 1.091 | 0.124        | 3.16  | F           | F              | K             |
| LC 026BB 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 46.35       | 0.828 | 0.147        | 3.73  | F           | F              | K             |
| LC 026BB 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 37.45       | 0.669 | 0.169        | 4.29  | F           | F              | K             |
| LC 026BB 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 31.34       | 0.560 | 0.191        | 4.86  | F           | F              | K             |
| LC 026BB 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 27.00       | 0.482 | 0.213        | 5.42  | F           | F              | K             |
| LC 026BB 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 23.67       | 0.423 | 0.236        | 5.99  | F           | F              | K             |
| LC 026BB 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 21.11       | 0.377 | 0.258        | 6.56  | F           | F              | K             |
| LC 026BB 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 19.02       | 0.340 | 0.281        | 7.13  | F           | F              | K             |
| LC 026BB 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 17.33       | 0.309 | 0.303        | 7.69  | F           | F              | K             |
| LC 026BB 10      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 14.70       | 0.262 | 0.347        | 8.82  | F           | F              | K             |
| LC 026BB 11      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 13.65       | 0.244 | 0.370        | 9.39  | F           | F              | K             |
| LC 026BB 12      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 12.20       | 0.218 | 0.398        | 10.12 | F           | F              | K             |
| LC 026BB 13      |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 11.19       | 0.200 | 0.439        | 11.16 | F           | F              | K             |
| LC 026BB 14      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 10.03       | 0.179 | 0.484        | 12.30 | F           | F              | K             |
| LC 026BB 15      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 8.30        | 0.148 | 0.574        | 14.58 | F           | F              | K             |
| LC 026BB 16      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 7.07        | 0.126 | 0.664        | 16.86 | F           | F              | K             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |   |      |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|---|------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | M           | S | S316 |
| LC 029BB 01      | .188             | 4.78 | .203                     | 5.16 | .029          | .74 | 10.630                     | 4.822 | 0.250       | 6.35  | 97.31       | 1.738 | 0.141        | 3.58  | F           | F | K    |
| LC 029BB 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 73.27       | 1.308 | 0.167        | 4.25  | F           | F | K    |
| LC 029BB 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 58.94       | 1.053 | 0.193        | 4.92  | F           | F | K    |
| LC 029BB 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 49.17       | 0.878 | 0.220        | 5.59  | F           | F | K    |
| LC 029BB 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 42.27       | 0.755 | 0.246        | 6.25  | F           | F | K    |
| LC 029BB 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 37.00       | 0.661 | 0.273        | 6.93  | F           | F | K    |
| LC 029BB 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 32.95       | 0.588 | 0.299        | 7.59  | F           | F | K    |
| LC 029BB 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 29.66       | 0.530 | 0.326        | 8.27  | F           | F | K    |
| LC 029BB 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 27.00       | 0.482 | 0.352        | 8.93  | F           | F | K    |
| LC 029BB 10      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 24.75       | 0.442 | 0.378        | 9.61  | F           | F | K    |
| LC 029BB 11      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 22.87       | 0.408 | 0.404        | 10.27 | F           | F | K    |
| LC 029BB 12      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 21.23       | 0.379 | 0.431        | 10.95 | F           | F | K    |
| LC 029BB 13      |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 17.51       | 0.313 | 0.510        | 12.95 | F           | F | K    |
| LC 029BB 14      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 15.67       | 0.280 | 0.563        | 14.29 | F           | F | K    |
| LC 029BB 15      |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 14.19       | 0.253 | 0.615        | 15.63 | F           | F | K    |
| LC 029BB 16      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 12.80       | 0.229 | 0.668        | 16.97 | F           | F | K    |
| LC 029BB 17      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 11.04       | 0.197 | 0.774        | 19.65 | F           | F | K    |
| LC 029BB 18      |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 9.62        | 0.172 | 0.879        | 22.33 | F           | F | K    |
| LC 032BB 01      | .188             | 4.78 | .203                     | 5.16 | .032          | .81 | 14.110                     | 6.399 | 0.250       | 6.35  | 151.54      | 2.706 | 0.157        | 3.99  | F           | F | K    |
| LC 032BB 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 113.20      | 2.021 | 0.188        | 4.77  | F           | F | K    |
| LC 032BB 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 90.63       | 1.618 | 0.218        | 5.54  | F           | F | K    |
| LC 032BB 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 75.36       | 1.346 | 0.249        | 6.32  | F           | F | K    |
| LC 032BB 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 64.65       | 1.154 | 0.279        | 7.09  | F           | F | K    |
| LC 032BB 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 56.49       | 1.009 | 0.310        | 7.87  | F           | F | K    |
| LC 032BB 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 50.24       | 0.897 | 0.340        | 8.65  | F           | F | K    |
| LC 032BB 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 45.17       | 0.807 | 0.371        | 9.43  | F           | F | K    |
| LC 032BB 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 41.09       | 0.734 | 0.401        | 10.20 | F           | F | K    |
| LC 032BB 10      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 37.63       | 0.672 | 0.432        | 10.98 | F           | F | K    |
| LC 032BB 11      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 34.75       | 0.621 | 0.463        | 11.75 | F           | F | K    |
| LC 032BB 12      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 32.25       | 0.576 | 0.493        | 12.53 | F           | F | K    |
| LC 032BB 13      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 30.11       | 0.538 | 0.524        | 13.30 | F           | F | K    |
| LC 032BB 14      |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 26.57       | 0.474 | 0.585        | 14.86 | G           | G | L    |
| LC 032BB 15      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 23.77       | 0.424 | 0.646        | 16.41 | G           | G | L    |
| LC 032BB 16      |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 21.50       | 0.384 | 0.707        | 17.96 | G           | G | L    |
| LC 032BB 17      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 19.40       | 0.346 | 0.768        | 19.52 | G           | G | L    |
| LC 032BB 18      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 16.72       | 0.299 | 0.891        | 22.62 | G           | G | L    |
| LC 032BB 19      |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 14.56       | 0.260 | 1.013        | 25.73 | G           | G | L    |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

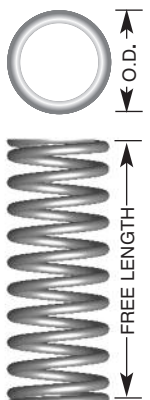
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 018BC 01      | .210             | 5.33 | .219                     | 5.56 | .018          | .46 | 2.000                      | .910  | 0.250       | 6.35  | 11.10       | 0.199 | 0.074        | 1.88  | G           | G              | L             |
| LC 018BC 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 8.60        | 0.153 | 0.085        | 2.16  | G           | G              | L             |
| LC 018BC 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 7.00        | 0.125 | 0.096        | 2.43  | G           | G              | L             |
| LC 018BC 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 5.90        | 0.106 | 0.107        | 2.71  | G           | G              | L             |
| LC 018BC 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 5.10        | 0.092 | 0.117        | 2.98  | G           | G              | L             |
| LC 018BC 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 4.50        | 0.081 | 0.128        | 3.26  | G           | G              | L             |
| LC 018BC 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 4.00        | 0.072 | 0.139        | 3.53  | G           | G              | L             |
| LC 018BC 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 3.70        | 0.065 | 0.150        | 3.81  | G           | G              | L             |
| LC 018BC 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 3.30        | 0.060 | 0.161        | 4.08  | G           | G              | L             |
| LC 018BC 10      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 3.10        | 0.055 | 0.172        | 4.36  | G           | G              | L             |
| LC 018BC 11      |                  |      |                          |      |               |     |                            |       | 0.880       | 22.35 | 2.80        | 0.050 | 0.183        | 4.66  | G           | G              | L             |
| LC 018BC 12      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 2.50        | 0.044 | 0.204        | 5.18  | G           | G              | L             |
| LC 018BC 13      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 2.00        | 0.035 | 0.247        | 6.28  | G           | G              | L             |
| LC 018BC 14      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 1.60        | 0.029 | 0.291        | 7.39  | G           | G              | L             |
| LC 018BC 15      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 1.40        | 0.025 | 0.332        | 8.43  | G           | G              | L             |
| LC 018BC 16      |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 1.20        | 0.021 | 0.381        | 9.67  | G           | G              | L             |
| LC 022BC 00      | .210             | 5.33 | .219                     | 5.56 | .022          | .56 | 3.000                      | 1.359 | 0.250       | 6.35  | 19.80       | 0.354 | 0.112        | 2.84  | G           | G              | L             |
| LC 022BC 0       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 15.20       | 0.271 | 0.130        | 3.30  | G           | G              | L             |
| LC 022BC 01      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 12.25       | 0.218 | 0.139        | 3.53  | G           | G              | L             |
| LC 022BC 02      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 10.50       | 0.187 | 0.156        | 3.96  | G           | G              | L             |
| LC 022BC 03      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 9.00        | 0.160 | 0.174        | 4.42  | G           | G              | L             |
| LC 022BC 04      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 7.90        | 0.141 | 0.193        | 4.90  | G           | G              | L             |
| LC 022BC 05      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 7.00        | 0.125 | 0.209        | 5.31  | G           | G              | L             |
| LC 022BC 06      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 6.30        | 0.112 | 0.229        | 5.82  | G           | G              | L             |
| LC 022BC 07      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 5.70        | 0.102 | 0.246        | 6.25  | G           | G              | L             |
| LC 022BC 08      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 5.25        | 0.094 | 0.264        | 6.70  | G           | G              | L             |
| LC 022BC 09      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 4.20        | 0.075 | 0.317        | 8.05  | G           | G              | L             |
| LC 022BC 10      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 3.40        | 0.061 | 0.389        | 9.88  | G           | G              | L             |
| LC 022BC 11      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 2.75        | 0.049 | 0.476        | 12.09 | G           | G              | L             |
| LC 022BC 12      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 2.39        | 0.043 | 0.547        | 13.89 | G           | G              | L             |
| LC 022BC 13      |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 2.08        | 0.037 | 0.621        | 15.78 | G           | G              | L             |
| LC 026BC 00      | .210             | 5.33 | .219                     | 5.56 | .026          | .66 | 5.000                      | 2.264 | 0.250       | 6.35  | 38.40       | 0.686 | 0.137        | 3.48  | G           | G              | L             |
| LC 026BC 0       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 29.30       | 0.523 | 0.160        | 4.06  | G           | G              | L             |
| LC 026BC 01      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 23.50       | 0.419 | 0.176        | 4.47  | G           | G              | L             |
| LC 026BC 02      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 19.80       | 0.353 | 0.200        | 5.08  | G           | G              | L             |
| LC 026BC 03      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 17.00       | 0.303 | 0.224        | 5.69  | G           | G              | L             |
| LC 026BC 04      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 15.00       | 0.267 | 0.247        | 6.27  | G           | G              | L             |
| LC 026BC 05      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 13.00       | 0.232 | 0.271        | 6.88  | G           | G              | L             |
| LC 026BC 06      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 12.00       | 0.214 | 0.294        | 7.47  | G           | G              | L             |
| LC 026BC 07      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 11.00       | 0.196 | 0.319        | 8.10  | G           | G              | L             |
| LC 026BC 08      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 10.00       | 0.178 | 0.344        | 8.74  | G           | G              | L             |
| LC 026BC 09      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 8.00        | 0.143 | 0.416        | 10.57 | G           | G              | L             |
| LC 026BC 10      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 6.30        | 0.112 | 0.510        | 12.95 | G           | G              | L             |
| LC 026BC 11      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 5.25        | 0.094 | 0.605        | 15.37 | G           | G              | L             |
| LC 026BC 12      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 4.47        | 0.080 | 0.713        | 18.10 | G           | G              | L             |
| LC 026BC 13      |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 3.90        | 0.070 | 0.809        | 20.55 | G           | G              | L             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |   |      |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|---|------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | M           | S | S316 |
| LC 016BD 01      | .218             | 5.54 | .234                     | 5.95 | .016          | .41 | .825                       | .374  | 0.250       | 6.35  | 4.71        | 0.084 | 0.075        | 1.90  | G           | G | L    |
| LC 016BD 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 3.65        | 0.065 | 0.087        | 2.21  | G           | G | L    |
| LC 016BD 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 2.99        | 0.053 | 0.099        | 2.51  | G           | G | L    |
| LC 016BD 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 2.53        | 0.045 | 0.111        | 2.81  | G           | G | L    |
| LC 016BD 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 2.19        | 0.039 | 0.123        | 3.12  | G           | G | L    |
| LC 016BD 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 1.93        | 0.034 | 0.135        | 3.42  | G           | G | L    |
| LC 016BD 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 1.73        | 0.031 | 0.147        | 3.72  | G           | G | L    |
| LC 016BD 08      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 1.43        | 0.026 | 0.171        | 4.33  | G           | G | L    |
| LC 016BD 09      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 1.22        | 0.022 | 0.194        | 4.94  | G           | G | L    |
| LC 016BD 10      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 1.06        | 0.019 | 0.218        | 5.55  | G           | G | L    |
| LC 016BD 11      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 0.84        | 0.015 | 0.266        | 6.77  | G           | G | L    |
| LC 016BD 12      |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 0.76        | 0.014 | 0.290        | 7.37  | G           | G | L    |
| LC 016BD 13      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 0.70        | 0.012 | 0.314        | 7.98  | G           | G | L    |
| LC 016BD 14      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 0.60        | 0.011 | 0.362        | 9.20  | G           | G | L    |
| LC 018BD 01      | .218             | 5.54 | .234                     | 5.95 | .018          | .46 | .982                       | .446  | 0.250       | 6.35  | 6.33        | 0.113 | 0.095        | 2.41  | G           | G | L    |
| LC 018BD 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 4.89        | 0.087 | 0.112        | 2.84  | G           | G | L    |
| LC 018BD 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 3.99        | 0.071 | 0.128        | 3.26  | G           | G | L    |
| LC 018BD 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 3.37        | 0.060 | 0.145        | 3.69  | G           | G | L    |
| LC 018BD 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 2.92        | 0.052 | 0.162        | 4.12  | G           | G | L    |
| LC 018BD 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 2.57        | 0.046 | 0.179        | 4.55  | G           | G | L    |
| LC 018BD 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 2.30        | 0.041 | 0.196        | 4.97  | G           | G | L    |
| LC 018BD 08      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 1.90        | 0.034 | 0.230        | 5.83  | G           | G | L    |
| LC 018BD 09      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 1.61        | 0.029 | 0.263        | 6.69  | G           | G | L    |
| LC 018BD 10      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 1.40        | 0.025 | 0.297        | 7.54  | G           | G | L    |
| LC 018BD 11      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 1.12        | 0.020 | 0.364        | 9.25  | G           | G | L    |
| LC 018BD 12      |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 1.01        | 0.018 | 0.398        | 10.11 | G           | G | L    |
| LC 018BD 13      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 0.92        | 0.017 | 0.432        | 10.96 | G           | G | L    |
| LC 018BD 14      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 0.79        | 0.014 | 0.499        | 12.68 | G           | G | L    |
| LC 020BD 01      | .218             | 5.54 | .234                     | 5.95 | .020          | .51 | 2.376                      | 1.078 | 0.250       | 6.35  | 14.43       | 0.258 | 0.085        | 2.17  | G           | G | L    |
| LC 020BD 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 11.10       | 0.198 | 0.099        | 2.50  | G           | G | L    |
| LC 020BD 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 9.05        | 0.162 | 0.112        | 2.84  | G           | G | L    |
| LC 020BD 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 7.61        | 0.136 | 0.125        | 3.17  | G           | G | L    |
| LC 020BD 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 6.59        | 0.118 | 0.138        | 3.50  | G           | G | L    |
| LC 020BD 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 5.79        | 0.103 | 0.151        | 3.84  | G           | G | L    |
| LC 020BD 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 5.18        | 0.093 | 0.164        | 4.17  | G           | G | L    |
| LC 020BD 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 4.68        | 0.084 | 0.177        | 4.51  | G           | G | L    |
| LC 020BD 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 4.27        | 0.076 | 0.190        | 4.84  | G           | G | L    |
| LC 020BD 10      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 3.63        | 0.065 | 0.217        | 5.50  | G           | G | L    |
| LC 020BD 11      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 3.16        | 0.056 | 0.243        | 6.17  | G           | G | L    |
| LC 020BD 12      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 2.50        | 0.045 | 0.296        | 7.51  | G           | G | L    |
| LC 020BD 13      |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 2.27        | 0.041 | 0.322        | 8.17  | G           | G | L    |
| LC 020BD 14      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 2.08        | 0.037 | 0.348        | 8.84  | G           | G | L    |
| LC 020BD 15      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 1.77        | 0.032 | 0.401        | 10.18 | G           | G | L    |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

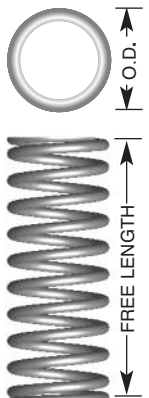
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 028BD 01      | .218             | 5.54 | .234                     | 5.95 | .028          | .71 | 6.649                      | 3.016 | 0.250       | 6.35  | 54.73       | 0.977 | 0.129        | 3.26  | G           | G              | L             |
| LC 028BD 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 41.31       | 0.738 | 0.152        | 3.85  | G           | G              | L             |
| LC 028BD 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 33.29       | 0.594 | 0.174        | 4.42  | G           | G              | L             |
| LC 028BD 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 27.80       | 0.496 | 0.197        | 5.01  | G           | G              | L             |
| LC 028BD 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 23.91       | 0.427 | 0.220        | 5.58  | G           | G              | L             |
| LC 028BD 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 20.94       | 0.374 | 0.243        | 6.17  | G           | G              | L             |
| LC 028BD 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 18.66       | 0.333 | 0.265        | 6.74  | G           | G              | L             |
| LC 028BD 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 16.80       | 0.300 | 0.288        | 7.33  | G           | G              | L             |
| LC 028BD 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 15.30       | 0.273 | 0.311        | 7.90  | G           | G              | L             |
| LC 028BD 10      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 12.96       | 0.232 | 0.357        | 9.06  | G           | G              | L             |
| LC 028BD 11      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 11.25       | 0.201 | 0.402        | 10.22 | G           | G              | L             |
| LC 028BD 12      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 8.89        | 0.159 | 0.494        | 12.54 | G           | G              | L             |
| LC 028BD 13      |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 8.05        | 0.144 | 0.539        | 13.70 | G           | G              | L             |
| LC 028BD 14      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 7.35        | 0.131 | 0.585        | 14.86 | G           | G              | L             |
| LC 028BD 15      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 6.27        | 0.112 | 0.676        | 17.18 | G           | G              | L             |
| LC 016C 01       | .240             | 6.10 | .250                     | 6.35 | .016          | .41 | 1.200                      | .550  | 0.250       | 6.35  | 6.20        | 0.111 | 0.056        | 1.43  | F           | F              | K             |
| LC 016C 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 4.83        | 0.086 | 0.063        | 1.60  | F           | F              | K             |
| LC 016C 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 3.94        | 0.070 | 0.070        | 1.77  | F           | F              | K             |
| LC 016C 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 3.33        | 0.059 | 0.076        | 1.94  | F           | F              | K             |
| LC 016C 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 2.89        | 0.052 | 0.083        | 2.11  | F           | F              | K             |
| LC 016C 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 2.55        | 0.046 | 0.089        | 2.27  | F           | F              | K             |
| LC 016C 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 2.28        | 0.041 | 0.096        | 2.44  | F           | F              | K             |
| LC 016C 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 2.06        | 0.037 | 0.103        | 2.61  | F           | F              | K             |
| LC 016C 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 1.88        | 0.034 | 0.110        | 2.78  | F           | F              | K             |
| LC 016C 10       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 1.73        | 0.031 | 0.116        | 2.95  | G           | G              | L             |
| LC 016C 11       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 1.60        | 0.029 | 0.123        | 3.12  | G           | G              | L             |
| LC 016C 12       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 1.49        | 0.027 | 0.129        | 3.29  | G           | G              | L             |
| LC 016C 13       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 1.40        | 0.025 | 0.136        | 3.46  | G           | G              | L             |
| LC 016C 14       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 1.11        | 0.020 | 0.163        | 4.14  | G           | G              | L             |
| LC 016C 15       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 0.92        | 0.016 | 0.190        | 4.81  | G           | G              | L             |
| LC 016C 16       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 0.80        | 0.014 | 0.213        | 5.41  | G           | G              | L             |
| LC 016C 17       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 0.70        | 0.013 | 0.239        | 6.07  | G           | G              | L             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 018C 01       | .240             | 6.10 | .250                     | 6.35 | .018          | .46 | 1.750                      | .790  | 0.250       | 6.35  | 9.40        | 0.168 | 0.066        | 1.66  | F           | F              | K             |
| LC 018C 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 7.30        | 0.130 | 0.074        | 1.87  | F           | F              | K             |
| LC 018C 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 5.90        | 0.106 | 0.082        | 2.09  | F           | F              | K             |
| LC 018C 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 5.00        | 0.089 | 0.091        | 2.30  | F           | F              | K             |
| LC 018C 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 4.30        | 0.077 | 0.099        | 2.51  | F           | F              | K             |
| LC 018C 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 3.80        | 0.068 | 0.107        | 2.72  | F           | F              | K             |
| LC 018C 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 3.40        | 0.061 | 0.115        | 2.93  | F           | F              | K             |
| LC 018C 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 3.10        | 0.055 | 0.124        | 3.14  | F           | F              | K             |
| LC 018C 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 2.80        | 0.050 | 0.132        | 3.35  | F           | F              | K             |
| LC 018C 10       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 2.60        | 0.046 | 0.140        | 3.56  | G           | G              | L             |
| LC 018C 11       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 2.40        | 0.043 | 0.149        | 3.77  | G           | G              | L             |
| LC 018C 12       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 2.20        | 0.040 | 0.157        | 3.98  | G           | G              | L             |
| LC 018C 13       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 2.10        | 0.037 | 0.165        | 4.20  | G           | G              | L             |
| LC 018C 14       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 1.70        | 0.030 | 0.198        | 5.04  | G           | G              | L             |
| LC 018C 15       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 1.40        | 0.024 | 0.232        | 5.88  | G           | G              | L             |
| LC 018C 16       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 1.20        | 0.021 | 0.259        | 6.59  | G           | G              | L             |
| LC 018C 17       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 1.00        | 0.018 | 0.304        | 7.72  | G           | G              | L             |
| LC 020C 01       | .240             | 6.10 | .250                     | 6.35 | .020          | .51 | 2.000                      | .907  | 0.250       | 6.35  | 11.00       | 0.196 | 0.082        | 2.08  | F           | F              | K             |
| LC 020C 02       |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 8.60        | 0.153 | 0.094        | 2.39  | F           | F              | K             |
| LC 020C 03       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 6.80        | 0.121 | 0.108        | 2.74  | F           | F              | K             |
| LC 020C 04       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 5.60        | 0.100 | 0.120        | 3.05  | F           | F              | K             |
| LC 020C 05       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 4.90        | 0.088 | 0.132        | 3.35  | F           | F              | K             |
| LC 020C 06       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 4.40        | 0.078 | 0.144        | 3.66  | F           | F              | K             |
| LC 020C 07       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 3.80        | 0.068 | 0.158        | 4.01  | F           | F              | K             |
| LC 020C 08       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 3.50        | 0.062 | 0.170        | 4.32  | F           | F              | K             |
| LC 020C 09       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 3.20        | 0.057 | 0.182        | 4.62  | F           | F              | K             |
| LC 020C 10       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 2.90        | 0.052 | 0.194        | 4.93  | G           | G              | L             |
| LC 020C 11       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 2.70        | 0.048 | 0.208        | 5.28  | G           | G              | L             |
| LC 020C 12       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 2.40        | 0.043 | 0.232        | 5.89  | G           | G              | L             |
| LC 020C 13       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 1.90        | 0.034 | 0.282        | 7.16  | G           | G              | L             |
| LC 020C 14       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 1.60        | 0.029 | 0.332        | 8.43  | G           | G              | L             |
| LC 020C 15       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 1.30        | 0.023 | 0.382        | 9.70  | G           | G              | L             |
| LC 020C 16       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 1.20        | 0.021 | 0.432        | 10.97 | G           | G              | L             |
| LC 022C 00       | .240             | 6.10 | .250                     | 6.35 | .022          | .56 | 3.175                      | 1.440 | 0.250       | 6.35  | 18.30       | 0.326 | 0.085        | 2.16  | F           | F              | K             |
| LC 022C 0        |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 14.10       | 0.251 | 0.097        | 2.46  | F           | F              | K             |
| LC 022C 01       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 12.00       | 0.214 | 0.111        | 2.82  | F           | F              | K             |
| LC 022C 02       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 10.00       | 0.178 | 0.122        | 3.10  | F           | F              | K             |
| LC 022C 03       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 9.00        | 0.160 | 0.133        | 3.38  | F           | F              | K             |
| LC 022C 04       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 8.00        | 0.143 | 0.144        | 3.66  | F           | F              | K             |
| LC 022C 05       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 7.00        | 0.125 | 0.155        | 3.94  | F           | F              | K             |
| LC 022C 06       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 6.00        | 0.107 | 0.177        | 4.50  | F           | F              | K             |
| LC 022C 07       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 5.50        | 0.098 | 0.188        | 4.78  | F           | F              | K             |
| LC 022C 08       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 5.00        | 0.089 | 0.199        | 5.05  | G           | G              | L             |
| LC 022C 09       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 4.30        | 0.077 | 0.225        | 5.72  | G           | G              | L             |
| LC 022C 10       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 3.30        | 0.059 | 0.283        | 7.19  | G           | G              | L             |
| LC 022C 11       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 2.80        | 0.050 | 0.324        | 8.23  | G           | G              | L             |
| LC 022C 12       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 2.30        | 0.041 | 0.390        | 9.91  | G           | G              | L             |
| LC 022C 13       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 2.00        | 0.036 | 0.440        | 11.18 | G           | G              | L             |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

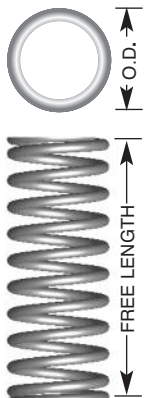
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 024C 01       | .240             | 6.10 | .250                     | 6.35 | .024          | .61 | 4.300                      | 1.950 | 0.375       | 9.53  | 17.00       | 0.304 | 0.130        | 3.30  | F           | F              | K             |
| LC 024C 02       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 14.50       | 0.258 | 0.144        | 3.66  | F           | F              | K             |
| LC 024C 03       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 12.30       | 0.220 | 0.158        | 4.01  | F           | F              | K             |
| LC 024C 04       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 11.00       | 0.196 | 0.172        | 4.37  | F           | F              | K             |
| LC 024C 05       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 9.80        | 0.175 | 0.185        | 4.70  | F           | F              | K             |
| LC 024C 06       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 9.00        | 0.160 | 0.199        | 5.05  | F           | F              | K             |
| LC 024C 07       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 8.00        | 0.143 | 0.213        | 5.41  | F           | F              | K             |
| LC 024C 08       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 7.30        | 0.130 | 0.226        | 5.74  | G           | G              | L             |
| LC 024C 09       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 6.60        | 0.118 | 0.240        | 6.10  | G           | G              | L             |
| LC 024C 10       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 5.90        | 0.105 | 0.268        | 6.81  | G           | G              | L             |
| LC 024C 11       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 4.60        | 0.082 | 0.322        | 8.18  | G           | G              | L             |
| LC 024C 12       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 3.80        | 0.068 | 0.380        | 9.65  | G           | G              | L             |
| LC 024C 13       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 3.30        | 0.059 | 0.432        | 10.97 | G           | G              | L             |
| LC 024C 14       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 2.80        | 0.050 | 0.485        | 12.32 | G           | G              | L             |
| LC 026C 0        | .240             | 6.10 | .250                     | 6.35 | .026          | .66 | 5.300                      | 2.404 | 0.313       | 7.95  | 27.80       | 0.496 | 0.128        | 3.25  | F           | F              | K             |
| LC 026C 01       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 24.00       | 0.429 | 0.131        | 3.33  | F           | F              | K             |
| LC 026C 02       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 20.00       | 0.357 | 0.151        | 3.84  | F           | F              | K             |
| LC 026C 03       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 17.00       | 0.303 | 0.164        | 4.16  | F           | F              | K             |
| LC 026C 04       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 14.00       | 0.250 | 0.183        | 4.65  | F           | F              | K             |
| LC 026C 05       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 12.50       | 0.223 | 0.203        | 5.16  | F           | F              | K             |
| LC 026C 06       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 11.00       | 0.196 | 0.222        | 5.64  | F           | F              | K             |
| LC 026C 07       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 10.00       | 0.178 | 0.235        | 5.97  | F           | F              | K             |
| LC 026C 08       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 9.00        | 0.160 | 0.260        | 6.60  | G           | G              | L             |
| LC 026C 09       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 8.00        | 0.143 | 0.287        | 7.29  | G           | G              | L             |
| LC 026C 10       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 7.40        | 0.132 | 0.300        | 7.62  | G           | G              | L             |
| LC 026C 11       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 5.90        | 0.105 | 0.367        | 9.32  | G           | G              | L             |
| LC 026C 12       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 4.90        | 0.087 | 0.421        | 10.69 | G           | G              | L             |
| LC 026C 13       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 4.20        | 0.075 | 0.483        | 12.27 | G           | G              | L             |
| LC 026C 14       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 3.70        | 0.066 | 0.545        | 13.84 | G           | G              | L             |
| LC 029C 01       | .240             | 6.10 | .250                     | 6.35 | .029          | .74 | 7.000                      | 3.175 | 0.375       | 9.53  | 33.50       | 0.597 | 0.170        | 4.32  | F           | F              | K             |
| LC 029C 02       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 27.60       | 0.492 | 0.190        | 4.83  | F           | F              | K             |
| LC 029C 03       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 23.70       | 0.422 | 0.210        | 5.33  | F           | F              | K             |
| LC 029C 04       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 20.60       | 0.367 | 0.230        | 5.84  | F           | F              | K             |
| LC 029C 05       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 18.50       | 0.330 | 0.249        | 6.32  | F           | F              | K             |
| LC 029C 06       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 16.80       | 0.300 | 0.268        | 6.81  | F           | F              | K             |
| LC 029C 07       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 15.70       | 0.280 | 0.288        | 7.32  | F           | F              | K             |
| LC 029C 08       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 14.00       | 0.250 | 0.310        | 7.87  | G           | G              | L             |
| LC 029C 09       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 12.90       | 0.230 | 0.329        | 8.36  | G           | G              | L             |
| LC 029C 10       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 11.30       | 0.201 | 0.367        | 9.32  | G           | G              | L             |
| LC 029C 11       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 8.90        | 0.159 | 0.447        | 11.35 | G           | G              | L             |
| LC 029C 12       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 7.40        | 0.132 | 0.526        | 13.36 | G           | G              | L             |
| LC 029C 13       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 6.30        | 0.113 | 0.607        | 15.42 | G           | G              | L             |
| LC 029C 14       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 5.50        | 0.098 | 0.690        | 17.53 | G           | G              | L             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |   |      |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|---|------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | M           | S | S316 |
| LC 032C 01       | .240             | 6.10 | .250                     | 6.35 | .032          | .81 | 10.000                     | 4.536 | 0.313       | 7.95  | 62.00       | 1.107 | 0.161        | 4.09  | F           | F | K    |
| LC 032C 02       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 50.00       | 0.892 | 0.177        | 4.50  | F           | F | K    |
| LC 032C 03       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 43.00       | 0.767 | 0.201        | 5.10  | F           | F | K    |
| LC 032C 04       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 36.00       | 0.642 | 0.225        | 5.72  | F           | F | K    |
| LC 032C 05       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 32.00       | 0.570 | 0.249        | 6.32  | F           | F | K    |
| LC 032C 06       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 28.00       | 0.500 | 0.273        | 6.93  | F           | F | K    |
| LC 032C 07       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 25.00       | 0.446 | 0.297        | 7.54  | F           | F | K    |
| LC 032C 08       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 22.00       | 0.392 | 0.329        | 8.36  | F           | F | K    |
| LC 032C 09       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 20.00       | 0.357 | 0.353        | 8.97  | G           | G | L    |
| LC 032C 10       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 19.00       | 0.339 | 0.369        | 9.37  | G           | G | L    |
| LC 032C 11       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 17.50       | 0.312 | 0.393        | 9.98  | G           | G | L    |
| LC 032C 12       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 16.00       | 0.286 | 0.425        | 10.80 | G           | G | L    |
| LC 032C 13       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 13.50       | 0.241 | 0.491        | 12.47 | G           | G | L    |
| LC 032C 14       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 12.00       | 0.214 | 0.549        | 13.94 | G           | G | L    |
| LC 032C 15       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 11.00       | 0.196 | 0.588        | 14.94 | G           | G | L    |
| LC 032C 16       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 9.60        | 0.171 | 0.680        | 17.27 | G           | G | L    |
| LC 032C 17       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 8.40        | 0.150 | 0.772        | 19.61 | G           | G | L    |
| LC 035C 01       | .240             | 6.10 | .250                     | 6.35 | .035          | .89 | 12.000                     | 5.435 | 0.313       | 7.95  | 90.00       | 1.605 | 0.192        | 4.88  | F           | F | K    |
| LC 035C 02       |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 73.50       | 1.310 | 0.208        | 5.28  | F           | F | K    |
| LC 035C 03       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 61.00       | 1.088 | 0.234        | 5.94  | F           | F | K    |
| LC 035C 04       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 52.00       | 0.927 | 0.260        | 6.60  | F           | F | K    |
| LC 035C 05       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 45.00       | 0.802 | 0.286        | 7.26  | F           | F | K    |
| LC 035C 06       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 40.00       | 0.713 | 0.313        | 7.95  | F           | F | K    |
| LC 035C 07       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 36.00       | 0.642 | 0.339        | 8.61  | F           | F | K    |
| LC 035C 08       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 32.00       | 0.570 | 0.365        | 9.27  | F           | F | K    |
| LC 035C 09       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 29.30       | 0.522 | 0.392        | 9.96  | G           | G | L    |
| LC 035C 10       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 27.00       | 0.481 | 0.418        | 10.62 | G           | G | L    |
| LC 035C 11       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 24.40       | 0.435 | 0.462        | 11.73 | G           | G | L    |
| LC 035C 12       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 23.00       | 0.410 | 0.490        | 12.45 | G           | G | L    |
| LC 035C 13       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 18.00       | 0.321 | 0.597        | 15.16 | G           | G | L    |
| LC 035C 14       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 16.00       | 0.285 | 0.650        | 16.51 | G           | G | L    |
| LC 035C 15       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 14.80       | 0.264 | 0.702        | 17.83 | G           | G | L    |
| LC 035C 16       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 12.40       | 0.221 | 0.807        | 20.50 | G           | G | L    |
| LC 035C 17       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 11.00       | 0.196 | 0.913        | 23.19 | G           | G | L    |
| LC 035C 18       |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 9.80        | 0.175 | 1.017        | 25.83 | G           | G | L    |
| LC 035C 19       |                  |      |                          |      |               |     |                            |       | 2.500       | 63.50 | 8.90        | 0.159 | 1.121        | 28.47 | G           | G | L    |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

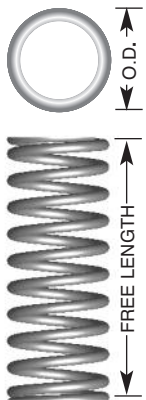
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|------|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM   | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 038C 01       | .240             | 6.10 | .250                     | 6.35 | .038          | .96  | 16.000                     | 7.258 | 0.313       | 7.95  | 127.00      | 2.268 | 0.191        | 4.85  | F           | F              | K             |
| LC 038C 02       |                  |      |                          |      |               |      |                            |       | 0.375       | 9.53  | 101.00      | 1.801 | 0.219        | 5.56  | F           | F              | K             |
| LC 038C 03       |                  |      |                          |      |               |      |                            |       | 0.438       | 11.13 | 84.00       | 1.498 | 0.248        | 6.30  | F           | F              | K             |
| LC 038C 04       |                  |      |                          |      |               |      |                            |       | 0.500       | 12.70 | 72.00       | 1.284 | 0.286        | 7.26  | F           | F              | K             |
| LC 038C 05       |                  |      |                          |      |               |      |                            |       | 0.563       | 14.30 | 64.00       | 1.141 | 0.305        | 7.75  | F           | F              | K             |
| LC 038C 06       |                  |      |                          |      |               |      |                            |       | 0.625       | 15.88 | 57.00       | 1.016 | 0.334        | 8.48  | F           | F              | K             |
| LC 038C 07       |                  |      |                          |      |               |      |                            |       | 0.688       | 17.48 | 51.00       | 0.909 | 0.362        | 9.19  | F           | F              | K             |
| LC 038C 08       |                  |      |                          |      |               |      |                            |       | 0.750       | 19.05 | 46.00       | 0.821 | 0.390        | 9.91  | F           | F              | K             |
| LC 038C 09       |                  |      |                          |      |               |      |                            |       | 0.813       | 20.65 | 42.00       | 0.749 | 0.419        | 10.64 | G           | G              | L             |
| LC 038C 10       |                  |      |                          |      |               |      |                            |       | 0.875       | 22.23 | 38.00       | 0.678 | 0.457        | 11.61 | G           | G              | L             |
| LC 038C 11       |                  |      |                          |      |               |      |                            |       | 0.938       | 23.83 | 35.00       | 0.624 | 0.496        | 12.60 | G           | G              | L             |
| LC 038C 12       |                  |      |                          |      |               |      |                            |       | 1.000       | 25.40 | 33.00       | 0.588 | 0.524        | 13.31 | G           | G              | L             |
| LC 038C 13       |                  |      |                          |      |               |      |                            |       | 1.125       | 28.58 | 29.00       | 0.517 | 0.581        | 14.76 | G           | G              | L             |
| LC 038C 14       |                  |      |                          |      |               |      |                            |       | 1.250       | 31.75 | 26.00       | 0.464 | 0.647        | 16.43 | G           | G              | L             |
| LC 038C 15       |                  |      |                          |      |               |      |                            |       | 1.375       | 34.93 | 23.00       | 0.410 | 0.715        | 18.16 | G           | G              | L             |
| LC 038C 16       |                  |      |                          |      |               |      |                            |       | 1.500       | 38.10 | 21.00       | 0.375 | 0.772        | 19.61 | G           | G              | L             |
| LC 038C 17       |                  |      |                          |      |               |      |                            |       | 1.750       | 44.45 | 18.00       | 0.321 | 0.879        | 22.33 | G           | G              | L             |
| LC 038C 18       |                  |      |                          |      |               |      |                            |       | 2.000       | 50.80 | 16.00       | 0.285 | 0.994        | 25.25 | G           | G              | L             |
| LC 038C 19       |                  |      |                          |      |               |      |                            |       | 2.250       | 57.15 | 14.20       | 0.253 | 1.140        | 28.96 | G           | G              | L             |
| LC 038C 20       |                  |      |                          |      |               |      |                            |       | 2.500       | 63.50 | 12.60       | 0.225 | 1.240        | 31.50 | G           | G              | L             |
| LC 040C 01       | .240             | 6.10 | .250                     | 6.35 | .040          | 1.02 | 17.000                     | 7.699 | 0.313       | 7.95  | 155.00      | 2.764 | 0.214        | 5.44  | F           | F              | K             |
| LC 040C 02       |                  |      |                          |      |               |      |                            |       | 0.375       | 9.53  | 122.00      | 2.175 | 0.248        | 6.30  | F           | F              | K             |
| LC 040C 03       |                  |      |                          |      |               |      |                            |       | 0.438       | 11.13 | 100.00      | 1.783 | 0.282        | 7.16  | F           | F              | K             |
| LC 040C 04       |                  |      |                          |      |               |      |                            |       | 0.500       | 12.70 | 84.00       | 1.498 | 0.314        | 7.98  | F           | F              | K             |
| LC 040C 05       |                  |      |                          |      |               |      |                            |       | 0.563       | 14.30 | 74.00       | 1.319 | 0.350        | 8.89  | F           | F              | K             |
| LC 040C 06       |                  |      |                          |      |               |      |                            |       | 0.625       | 15.88 | 67.00       | 1.195 | 0.382        | 9.70  | F           | F              | K             |
| LC 040C 07       |                  |      |                          |      |               |      |                            |       | 0.688       | 17.48 | 60.00       | 1.070 | 0.414        | 10.52 | F           | F              | K             |
| LC 040C 08       |                  |      |                          |      |               |      |                            |       | 0.750       | 19.05 | 57.00       | 1.016 | 0.430        | 10.92 | F           | F              | K             |
| LC 040C 09       |                  |      |                          |      |               |      |                            |       | 0.813       | 20.65 | 48.50       | 0.865 | 0.482        | 12.24 | G           | G              | L             |
| LC 040C 10       |                  |      |                          |      |               |      |                            |       | 0.875       | 22.23 | 46.00       | 0.820 | 0.514        | 13.06 | G           | G              | L             |
| LC 040C 11       |                  |      |                          |      |               |      |                            |       | 0.938       | 23.83 | 42.00       | 0.749 | 0.550        | 13.97 | G           | G              | L             |
| LC 040C 12       |                  |      |                          |      |               |      |                            |       | 1.000       | 25.40 | 39.30       | 0.701 | 0.582        | 14.78 | G           | G              | L             |
| LC 040C 13       |                  |      |                          |      |               |      |                            |       | 1.125       | 28.58 | 35.00       | 0.624 | 0.650        | 16.51 | G           | G              | L             |
| LC 040C 14       |                  |      |                          |      |               |      |                            |       | 1.250       | 31.75 | 31.00       | 0.553 | 0.715        | 18.16 | G           | G              | L             |
| LC 040C 15       |                  |      |                          |      |               |      |                            |       | 1.375       | 34.93 | 27.50       | 0.490 | 0.782        | 19.86 | G           | G              | L             |
| LC 040C 16       |                  |      |                          |      |               |      |                            |       | 1.500       | 38.10 | 25.70       | 0.458 | 0.865        | 21.97 | G           | G              | L             |
| LC 040C 17       |                  |      |                          |      |               |      |                            |       | 1.750       | 44.45 | 21.70       | 0.387 | 0.982        | 24.94 | J           | J              | M             |
| LC 040C 18       |                  |      |                          |      |               |      |                            |       | 2.000       | 50.80 | 19.20       | 0.342 | 1.114        | 28.30 | J           | J              | M             |
| LC 040C 19       |                  |      |                          |      |               |      |                            |       | 2.250       | 57.15 | 16.70       | 0.298 | 1.250        | 31.75 | J           | J              | M             |
| LC 040C 20       |                  |      |                          |      |               |      |                            |       | 2.500       | 63.50 | 15.00       | 0.267 | 1.382        | 35.10 | J           | J              | M             |



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM   | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 042C 01       | .240             | 6.10 | .250                     | 6.35 | .042          | 1.07 | 19.000                     | 8.618  | 0.375       | 9.53  | 151.00      | 2.692 | 0.253        | 6.43  | F           | F              | K             |
| LC 042C 02       |                  |      |                          |      |               |      |                            |        | 0.438       | 11.13 | 123.00      | 2.193 | 0.295        | 7.49  | F           | F              | K             |
| LC 042C 03       |                  |      |                          |      |               |      |                            |        | 0.500       | 12.70 | 106.00      | 1.890 | 0.327        | 8.30  | F           | F              | K             |
| LC 042C 04       |                  |      |                          |      |               |      |                            |        | 0.563       | 14.30 | 94.00       | 1.676 | 0.358        | 9.09  | F           | F              | K             |
| LC 042C 05       |                  |      |                          |      |               |      |                            |        | 0.625       | 15.88 | 85.00       | 1.516 | 0.389        | 9.88  | F           | F              | K             |
| LC 042C 06       |                  |      |                          |      |               |      |                            |        | 0.688       | 17.48 | 75.00       | 1.337 | 0.421        | 10.69 | F           | F              | K             |
| LC 042C 07       |                  |      |                          |      |               |      |                            |        | 0.750       | 19.05 | 65.00       | 1.159 | 0.484        | 12.29 | F           | F              | K             |
| LC 042C 08       |                  |      |                          |      |               |      |                            |        | 0.813       | 20.65 | 60.00       | 1.071 | 0.505        | 12.83 | G           | G              | L             |
| LC 042C 09       |                  |      |                          |      |               |      |                            |        | 0.875       | 22.23 | 56.00       | 0.999 | 0.546        | 13.87 | G           | G              | L             |
| LC 042C 10       |                  |      |                          |      |               |      |                            |        | 0.938       | 23.83 | 51.00       | 0.909 | 0.588        | 14.94 | G           | G              | L             |
| LC 042C 11       |                  |      |                          |      |               |      |                            |        | 1.000       | 25.40 | 48.00       | 0.856 | 0.621        | 15.77 | G           | G              | L             |
| LC 042C 12       |                  |      |                          |      |               |      |                            |        | 1.125       | 28.58 | 42.00       | 0.749 | 0.694        | 17.63 | G           | G              | L             |
| LC 042C 13       |                  |      |                          |      |               |      |                            |        | 1.250       | 31.75 | 38.00       | 0.678 | 0.756        | 19.20 | G           | G              | L             |
| LC 042C 14       |                  |      |                          |      |               |      |                            |        | 1.375       | 34.93 | 34.00       | 0.606 | 0.841        | 21.36 | G           | G              | L             |
| LC 042C 15       |                  |      |                          |      |               |      |                            |        | 1.500       | 38.10 | 31.00       | 0.553 | 0.905        | 22.99 | G           | G              | L             |
| LC 042C 16       |                  |      |                          |      |               |      |                            |        | 1.750       | 44.45 | 26.50       | 0.472 | 1.050        | 25.83 | J           | J              | M             |
| LC 042C 17       |                  |      |                          |      |               |      |                            |        | 2.000       | 50.80 | 23.00       | 0.410 | 1.196        | 30.05 | J           | J              | M             |
| LC 042C 18       |                  |      |                          |      |               |      |                            |        | 2.250       | 57.15 | 20.50       | 0.366 | 1.340        | 33.22 | J           | J              | M             |
| LC 042C 19       |                  |      |                          |      |               |      |                            |        | 2.500       | 63.50 | 17.80       | 0.317 | 1.513        | 36.20 | J           | J              | M             |
| LC 045C 01       | .240             | 6.10 | .250                     | 6.35 | .045          | 1.14 | 24.000                     | 10.890 | 0.375       | 9.53  | 215.20      | 3.843 | 0.271        | 6.89  | F           | F              | K             |
| LC 045C 02       |                  |      |                          |      |               |      |                            |        | 0.438       | 11.13 | 176.20      | 3.147 | 0.311        | 7.90  | F           | F              | K             |
| LC 045C 03       |                  |      |                          |      |               |      |                            |        | 0.500       | 12.70 | 149.60      | 2.671 | 0.350        | 8.88  | F           | F              | K             |
| LC 045C 04       |                  |      |                          |      |               |      |                            |        | 0.563       | 14.30 | 129.90      | 2.320 | 0.389        | 9.87  | F           | F              | K             |
| LC 045C 05       |                  |      |                          |      |               |      |                            |        | 0.625       | 15.88 | 114.60      | 2.047 | 0.428        | 10.87 | F           | F              | K             |
| LC 045C 06       |                  |      |                          |      |               |      |                            |        | 0.688       | 17.48 | 102.70      | 1.835 | 0.467        | 11.86 | F           | F              | K             |
| LC 045C 07       |                  |      |                          |      |               |      |                            |        | 0.750       | 19.05 | 92.90       | 1.659 | 0.506        | 12.86 | F           | F              | K             |
| LC 045C 08       |                  |      |                          |      |               |      |                            |        | 0.813       | 20.65 | 84.90       | 1.517 | 0.545        | 13.85 | G           | G              | L             |
| LC 045C 09       |                  |      |                          |      |               |      |                            |        | 0.875       | 22.23 | 78.10       | 1.395 | 0.585        | 14.86 | G           | G              | L             |
| LC 045C 10       |                  |      |                          |      |               |      |                            |        | 0.938       | 23.83 | 72.40       | 1.293 | 0.624        | 15.84 | G           | G              | L             |
| LC 045C 11       |                  |      |                          |      |               |      |                            |        | 1.000       | 25.40 | 67.40       | 1.204 | 0.663        | 16.85 | G           | G              | L             |
| LC 045C 12       |                  |      |                          |      |               |      |                            |        | 1.125       | 28.58 | 59.30       | 1.058 | 0.742        | 18.84 | G           | G              | L             |
| LC 045C 13       |                  |      |                          |      |               |      |                            |        | 1.250       | 31.75 | 52.90       | 0.944 | 0.820        | 20.83 | G           | G              | L             |
| LC 045C 14       |                  |      |                          |      |               |      |                            |        | 1.500       | 38.10 | 43.50       | 0.777 | 0.977        | 24.81 | G           | G              | L             |
| LC 045C 15       |                  |      |                          |      |               |      |                            |        | 1.750       | 44.45 | 36.90       | 0.660 | 1.133        | 28.79 | J           | J              | M             |
| LC 045C 16       |                  |      |                          |      |               |      |                            |        | 2.000       | 50.80 | 32.10       | 0.573 | 1.290        | 32.77 | J           | J              | M             |
| LC 045C 17       |                  |      |                          |      |               |      |                            |        | 2.250       | 57.15 | 28.40       | 0.507 | 1.447        | 36.75 | J           | J              | M             |
| LC 045C 18       |                  |      |                          |      |               |      |                            |        | 2.500       | 63.50 | 25.40       | 0.454 | 1.604        | 40.73 | J           | J              | M             |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

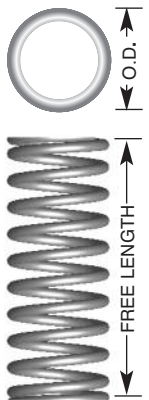
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 020CD 01      | .250             | 6.35 | .266                     | 6.75 | .020          | .51 | 2.137                      | .969  | 0.250       | 6.35  | 12.18       | 0.217 | 0.075        | 1.89  | F           | F              | K             |
| LC 020CD 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 9.37        | 0.167 | 0.085        | 2.15  | F           | F              | K             |
| LC 020CD 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 7.63        | 0.136 | 0.094        | 2.40  | F           | F              | K             |
| LC 020CD 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 6.43        | 0.115 | 0.104        | 2.65  | F           | F              | K             |
| LC 020CD 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 5.56        | 0.099 | 0.114        | 2.90  | F           | F              | K             |
| LC 020CD 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 4.89        | 0.087 | 0.124        | 3.16  | F           | F              | K             |
| LC 020CD 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 4.37        | 0.078 | 0.134        | 3.41  | F           | F              | K             |
| LC 020CD 08      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 3.95        | 0.070 | 0.144        | 3.66  | F           | F              | K             |
| LC 020CD 09      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 3.60        | 0.064 | 0.154        | 3.91  | F           | F              | K             |
| LC 020CD 10      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 3.31        | 0.059 | 0.164        | 4.17  | G           | G              | L             |
| LC 020CD 11      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 3.06        | 0.055 | 0.174        | 4.42  | G           | G              | L             |
| LC 020CD 12      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 2.66        | 0.048 | 0.194        | 4.92  | G           | G              | L             |
| LC 020CD 13      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 2.11        | 0.038 | 0.233        | 5.93  | G           | G              | L             |
| LC 020CD 14      |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 1.89        | 0.034 | 0.255        | 6.47  | G           | G              | L             |
| LC 020CD 15      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 1.74        | 0.031 | 0.275        | 6.98  | G           | G              | L             |
| LC 020CD 16      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 1.48        | 0.027 | 0.315        | 8.00  | G           | G              | L             |
| LC 020CD 17      |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 1.30        | 0.023 | 0.355        | 9.02  | G           | G              | L             |
| LC 026CD 01      | .250             | 6.35 | .266                     | 6.75 | .026          | .66 | 5.964                      | 2.705 | 0.375       | 9.53  | 23.63       | 0.422 | 0.123        | 3.12  | F           | F              | K             |
| LC 026CD 02      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 19.78       | 0.353 | 0.136        | 3.46  | F           | F              | K             |
| LC 026CD 03      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 17.04       | 0.304 | 0.149        | 3.80  | F           | F              | K             |
| LC 026CD 04      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 14.86       | 0.265 | 0.163        | 4.15  | F           | F              | K             |
| LC 026CD 05      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 13.18       | 0.235 | 0.177        | 4.51  | F           | F              | K             |
| LC 026CD 06      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 11.81       | 0.211 | 0.192        | 4.87  | F           | F              | K             |
| LC 026CD 07      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 10.70       | 0.191 | 0.206        | 5.24  | F           | F              | K             |
| LC 026CD 08      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 9.76        | 0.174 | 0.221        | 5.61  | G           | G              | L             |
| LC 026CD 09      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 8.98        | 0.160 | 0.235        | 5.98  | G           | G              | L             |
| LC 026CD 10      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 8.29        | 0.148 | 0.251        | 6.36  | G           | G              | L             |
| LC 026CD 11      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 7.40        | 0.132 | 0.269        | 6.84  | G           | G              | L             |
| LC 026CD 12      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 6.37        | 0.114 | 0.310        | 7.87  | G           | G              | L             |
| LC 026CD 13      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 5.27        | 0.094 | 0.363        | 9.23  | G           | G              | L             |
| LC 026CD 14      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 4.50        | 0.080 | 0.417        | 10.59 | G           | G              | L             |
| LC 026CD 15      |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 3.92        | 0.070 | 0.470        | 11.94 | G           | G              | L             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 035CD 01      | .250             | 6.35 | .266                     | 6.75 | .035          | .89 | 9.915                      | 4.497 | 0.313       | 7.95  | 75.05       | 1.340 | 0.181        | 4.60  | F           | F              | K             |
| LC 035CD 02      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 59.80       | 1.068 | 0.209        | 5.30  | F           | F              | K             |
| LC 035CD 03      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 49.56       | 0.885 | 0.237        | 6.02  | F           | F              | K             |
| LC 035CD 04      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 42.41       | 0.757 | 0.265        | 6.72  | F           | F              | K             |
| LC 035CD 05      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 36.99       | 0.661 | 0.293        | 7.44  | F           | F              | K             |
| LC 035CD 06      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 32.86       | 0.587 | 0.321        | 8.14  | F           | F              | K             |
| LC 035CD 07      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 29.51       | 0.527 | 0.349        | 8.86  | F           | F              | K             |
| LC 035CD 08      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 26.82       | 0.479 | 0.377        | 9.56  | F           | F              | K             |
| LC 035CD 09      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 24.55       | 0.438 | 0.405        | 10.28 | G           | G              | L             |
| LC 035CD 10      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 22.66       | 0.405 | 0.432        | 10.99 | G           | G              | L             |
| LC 035CD 11      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 21.01       | 0.375 | 0.461        | 11.70 | G           | G              | L             |
| LC 035CD 12      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 19.61       | 0.350 | 0.488        | 12.41 | G           | G              | L             |
| LC 035CD 13      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 15.46       | 0.276 | 0.600        | 15.25 | G           | G              | L             |
| LC 035CD 14      |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 13.98       | 0.250 | 0.656        | 16.67 | G           | G              | L             |
| LC 035CD 15      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 12.75       | 0.228 | 0.712        | 18.09 | G           | G              | L             |
| LC 035CD 16      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 10.86       | 0.194 | 0.824        | 20.94 | G           | G              | L             |
| LC 035CD 17      |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 9.45        | 0.169 | 0.936        | 23.78 | G           | G              | L             |
| LC 035CD 18      |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 8.37        | 0.149 | 1.048        | 26.62 | G           | G              | L             |
| LC 035CD 19      |                  |      |                          |      |               |     |                            |       | 2.500       | 63.50 | 7.51        | 0.134 | 1.160        | 29.46 | G           | G              | L             |
| LC 028CE 01      | .281             | 7.14 | .313                     | 7.95 | .028          | .71 | 4.046                      | 1.835 | 0.250       | 6.35  | 29.55       | 0.529 | 0.113        | 2.87  | F           | F              | K             |
| LC 028CE 02      |                  |      |                          |      |               |     |                            |       | 0.313       | 7.95  | 22.31       | 0.399 | 0.131        | 3.33  | F           | F              | K             |
| LC 028CE 03      |                  |      |                          |      |               |     |                            |       | 0.375       | 9.53  | 17.97       | 0.322 | 0.149        | 3.78  | F           | F              | K             |
| LC 028CE 04      |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 15.01       | 0.269 | 0.167        | 4.24  | F           | F              | K             |
| LC 028CE 05      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 12.91       | 0.231 | 0.184        | 4.67  | F           | F              | K             |
| LC 028CE 06      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 11.31       | 0.202 | 0.202        | 5.13  | F           | F              | K             |
| LC 028CE 07      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 10.08       | 0.180 | 0.220        | 5.59  | F           | F              | K             |
| LC 028CE 08      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 8.26        | 0.148 | 0.256        | 6.50  | F           | F              | K             |
| LC 028CE 09      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 7.00        | 0.125 | 0.292        | 7.42  | F           | F              | K             |
| LC 028CE 10      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 6.07        | 0.109 | 0.327        | 8.31  | F           | F              | K             |
| LC 028CE 11      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 4.80        | 0.086 | 0.399        | 10.13 | F           | F              | K             |
| LC 028CE 12      |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 4.35        | 0.078 | 0.434        | 11.02 | F           | F              | K             |
| LC 028CE 13      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 3.97        | 0.071 | 0.470        | 11.94 | F           | F              | K             |
| LC 022D 00       | .300             | 7.62 | .313                     | 7.94 | .022          | .56 | 2.500                      | 1.134 | 0.375       | 9.53  | 8.20        | 0.146 | 0.088        | 2.24  | F           | F              | K             |
| LC 022D 01       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 6.80        | 0.121 | 0.097        | 2.46  | F           | F              | K             |
| LC 022D 02       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 6.50        | 0.116 | 0.106        | 2.69  | F           | F              | K             |
| LC 022D 03       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 6.00        | 0.107 | 0.111        | 2.82  | F           | F              | K             |
| LC 022D 04       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 5.00        | 0.089 | 0.122        | 3.10  | F           | F              | K             |
| LC 022D 05       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 4.50        | 0.080 | 0.128        | 3.25  | F           | F              | K             |
| LC 022D 06       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 4.00        | 0.071 | 0.133        | 3.38  | F           | F              | K             |
| LC 022D 07       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 3.50        | 0.062 | 0.155        | 3.94  | F           | F              | K             |
| LC 022D 08       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 3.00        | 0.054 | 0.166        | 4.22  | F           | F              | K             |
| LC 022D 09       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 2.80        | 0.050 | 0.181        | 4.60  | F           | F              | K             |
| LC 022D 10       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 2.30        | 0.041 | 0.207        | 5.26  | F           | F              | K             |
| LC 022D 11       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 2.00        | 0.036 | 0.228        | 5.79  | F           | F              | K             |
| LC 022D 12       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 1.70        | 0.030 | 0.269        | 6.83  | G           | G              | L             |
| LC 022D 13       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 1.40        | 0.025 | 0.313        | 7.95  | G           | G              | L             |
| LC 022D 14       |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 1.20        | 0.021 | 0.357        | 9.06  | G           | G              | L             |
| LC 022D 15       |                  |      |                          |      |               |     |                            |       | 2.500       | 63.50 | 1.10        | 0.020 | 0.391        | 9.93  | G           | G              | L             |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

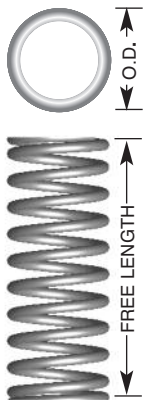
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB./IN.     | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 026D 01       | .300             | 7.62 | .313                     | 7.94 | .026          | .66 | 4.300                      | 1.950 | 0.438       | 11.13 | 13.00       | 0.232 | 0.118        | 3.00  | F           | F              | K             |
| LC 026D 02       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 11.50       | 0.205 | 0.131        | 3.33  | F           | F              | K             |
| LC 026D 03       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 10.00       | 0.178 | 0.144        | 3.66  | F           | F              | K             |
| LC 026D 04       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 9.00        | 0.160 | 0.151        | 3.84  | F           | F              | K             |
| LC 026D 05       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 8.00        | 0.143 | 0.164        | 4.17  | F           | F              | K             |
| LC 026D 06       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 7.50        | 0.134 | 0.170        | 4.32  | F           | F              | K             |
| LC 026D 07       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 7.00        | 0.125 | 0.183        | 4.65  | F           | F              | K             |
| LC 026D 08       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 6.00        | 0.107 | 0.206        | 5.23  | F           | F              | K             |
| LC 026D 09       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 5.50        | 0.098 | 0.209        | 5.31  | F           | F              | K             |
| LC 026D 10       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 5.00        | 0.089 | 0.229        | 5.82  | F           | F              | K             |
| LC 026D 11       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 4.30        | 0.077 | 0.255        | 6.48  | F           | F              | K             |
| LC 026D 12       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 3.50        | 0.062 | 0.301        | 7.64  | F           | F              | K             |
| LC 026D 13       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 3.00        | 0.053 | 0.343        | 8.71  | F           | F              | K             |
| LC 026D 14       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 2.60        | 0.046 | 0.384        | 9.75  | F           | F              | K             |
| LC 026D 15       |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 2.31        | 0.041 | 0.436        | 11.07 | G           | G              | L             |
| LC 026D 16       |                  |      |                          |      |               |     |                            |       | 2.500       | 63.50 | 2.08        | 0.037 | 0.479        | 12.16 | G           | G              | L             |
| LC 030D 01       | .300             | 7.62 | .313                     | 7.94 | .030          | .76 | 6.000                      | 2.717 | 0.438       | 11.13 | 20.00       | 0.357 | 0.153        | 3.89  | F           | F              | K             |
| LC 030D 02       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 17.00       | 0.303 | 0.168        | 4.27  | F           | F              | K             |
| LC 030D 03       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 15.00       | 0.267 | 0.183        | 4.65  | F           | F              | K             |
| LC 030D 04       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 13.30       | 0.237 | 0.198        | 5.03  | F           | F              | K             |
| LC 030D 05       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 12.00       | 0.214 | 0.213        | 5.41  | F           | F              | K             |
| LC 030D 06       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 11.00       | 0.196 | 0.231        | 5.87  | F           | F              | K             |
| LC 030D 07       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 10.00       | 0.178 | 0.246        | 6.25  | F           | F              | K             |
| LC 030D 08       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 9.30        | 0.166 | 0.261        | 6.63  | F           | F              | K             |
| LC 030D 09       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 8.60        | 0.153 | 0.276        | 7.01  | F           | F              | K             |
| LC 030D 10       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 8.00        | 0.143 | 0.291        | 7.39  | F           | F              | K             |
| LC 030D 11       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 6.30        | 0.112 | 0.353        | 8.97  | G           | G              | L             |
| LC 030D 12       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 5.20        | 0.093 | 0.414        | 10.52 | G           | G              | L             |
| LC 030D 13       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 4.50        | 0.080 | 0.474        | 12.04 | G           | G              | L             |
| LC 030D 14       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 3.80        | 0.068 | 0.537        | 13.64 | G           | G              | L             |
| LC 030D 15       |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 3.44        | 0.061 | 0.608        | 15.44 | G           | G              | L             |
| LC 030D 16       |                  |      |                          |      |               |     |                            |       | 2.500       | 63.50 | 3.08        | 0.055 | 0.670        | 17.02 | G           | G              | L             |
| LC 032D 01       | .300             | 7.62 | .313                     | 7.94 | .032          | .81 | 7.500                      | 3.402 | 0.438       | 11.13 | 27.00       | 0.481 | 0.169        | 4.29  | F           | F              | K             |
| LC 032D 02       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 23.00       | 0.410 | 0.185        | 4.70  | F           | F              | K             |
| LC 032D 03       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 20.00       | 0.357 | 0.201        | 5.10  | F           | F              | K             |
| LC 032D 04       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 18.00       | 0.321 | 0.217        | 5.51  | F           | F              | K             |
| LC 032D 05       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 16.00       | 0.286 | 0.241        | 6.12  | F           | F              | K             |
| LC 032D 06       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 15.00       | 0.267 | 0.249        | 6.32  | F           | F              | K             |
| LC 032D 07       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 13.50       | 0.241 | 0.265        | 6.73  | F           | F              | K             |
| LC 032D 08       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 12.00       | 0.214 | 0.289        | 7.34  | F           | F              | K             |
| LC 032D 09       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 11.00       | 0.196 | 0.313        | 7.95  | F           | F              | K             |
| LC 032D 10       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 10.00       | 0.179 | 0.337        | 8.56  | F           | F              | K             |
| LC 032D 11       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 8.60        | 0.153 | 0.383        | 9.73  | F           | F              | K             |
| LC 032D 12       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 7.00        | 0.125 | 0.450        | 11.43 | F           | F              | K             |
| LC 032D 13       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 6.00        | 0.107 | 0.518        | 13.16 | F           | F              | K             |
| LC 032D 14       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 5.30        | 0.094 | 0.572        | 14.53 | F           | F              | K             |
| LC 032D 15       |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 4.70        | 0.084 | 0.635        | 16.13 | G           | G              | L             |
| LC 032D 16       |                  |      |                          |      |               |     |                            |       | 2.500       | 63.50 | 4.10        | 0.073 | 0.700        | 17.78 | G           | G              | L             |



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |   |      |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|---|------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | M           | S | S316 |
| LC 035D 01       | .300             | 7.62 | .313                     | 7.94 | .035          | .89 | 9.750                      | 4.420 | 0.375       | 9.53  | 45.80       | 0.819 | 0.167        | 4.25  | F           | F | K    |
| LC 035D 02       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 38.00       | 0.679 | 0.187        | 4.75  | F           | F | K    |
| LC 035D 03       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 32.50       | 0.581 | 0.206        | 5.24  | F           | F | K    |
| LC 035D 04       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 28.40       | 0.508 | 0.226        | 5.73  | F           | F | K    |
| LC 035D 05       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 25.20       | 0.450 | 0.245        | 6.23  | F           | F | K    |
| LC 035D 06       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 22.70       | 0.405 | 0.265        | 6.72  | F           | F | K    |
| LC 035D 07       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 20.60       | 0.367 | 0.284        | 7.22  | F           | F | K    |
| LC 035D 08       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 18.80       | 0.337 | 0.303        | 7.71  | F           | F | K    |
| LC 035D 09       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 17.40       | 0.310 | 0.323        | 8.21  | F           | F | K    |
| LC 035D 10       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 16.10       | 0.288 | 0.342        | 8.70  | F           | F | K    |
| LC 035D 11       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 15.00       | 0.268 | 0.362        | 9.20  | F           | F | K    |
| LC 035D 12       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 13.30       | 0.237 | 0.401        | 10.19 | F           | F | K    |
| LC 035D 13       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 11.80       | 0.212 | 0.440        | 11.18 | F           | F | K    |
| LC 035D 14       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 10.70       | 0.191 | 0.479        | 12.17 | F           | F | K    |
| LC 035D 15       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 9.80        | 0.175 | 0.518        | 13.16 | F           | F | K    |
| LC 035D 16       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 8.30        | 0.149 | 0.596        | 15.14 | G           | G | L    |
| LC 035D 17       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 7.20        | 0.129 | 0.674        | 17.12 | G           | G | L    |
| LC 035D 18       |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 6.40        | 0.115 | 0.752        | 19.10 | G           | G | L    |
| LC 035D 19       |                  |      |                          |      |               |     |                            |       | 2.500       | 63.50 | 5.80        | 0.103 | 0.830        | 21.08 | G           | G | L    |
| LC 038D 01       | .300             | 7.62 | .313                     | 7.94 | .038          | .96 | 12.300                     | 5.579 | 0.375       | 9.53  | 64.00       | 1.143 | 0.182        | 4.62  | F           | F | K    |
| LC 038D 02       |                  |      |                          |      |               |     |                            |       | 0.438       | 11.13 | 53.00       | 0.945 | 0.201        | 5.10  | F           | F | K    |
| LC 038D 03       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 46.00       | 0.820 | 0.219        | 5.56  | F           | F | K    |
| LC 038D 04       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 39.00       | 0.695 | 0.248        | 6.30  | F           | F | K    |
| LC 038D 05       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 35.00       | 0.624 | 0.267        | 6.78  | F           | F | K    |
| LC 038D 06       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 30.00       | 0.535 | 0.296        | 7.52  | F           | F | K    |
| LC 038D 07       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 28.00       | 0.499 | 0.315        | 8.00  | F           | F | K    |
| LC 038D 08       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 26.00       | 0.464 | 0.334        | 8.48  | F           | F | K    |
| LC 038D 09       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 23.00       | 0.410 | 0.372        | 9.45  | F           | F | K    |
| LC 038D 10       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 22.00       | 0.392 | 0.381        | 9.68  | F           | F | K    |
| LC 038D 11       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 21.00       | 0.374 | 0.400        | 10.16 | F           | F | K    |
| LC 038D 12       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 19.00       | 0.339 | 0.428        | 10.87 | F           | F | K    |
| LC 038D 13       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 16.00       | 0.285 | 0.495        | 12.57 | F           | F | K    |
| LC 038D 14       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 15.00       | 0.267 | 0.533        | 13.54 | F           | F | K    |
| LC 038D 15       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 13.50       | 0.241 | 0.571        | 14.50 | F           | F | K    |
| LC 038D 16       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 11.25       | 0.200 | 0.662        | 16.81 | G           | G | L    |
| LC 038D 17       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 9.50        | 0.169 | 0.772        | 19.61 | G           | G | L    |
| LC 038D 18       |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 8.60        | 0.154 | 0.858        | 21.79 | G           | G | L    |
| LC 038D 19       |                  |      |                          |      |               |     |                            |       | 2.500       | 63.50 | 7.70        | 0.138 | 0.944        | 23.98 | G           | G | L    |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

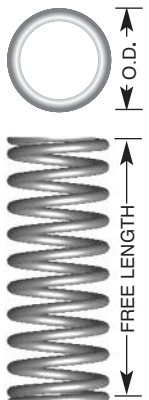
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|------|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM   | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 040D 01       | .300             | 7.62 | .313                     | 7.94 | .040          | 1.02 | 14.500                     | 6.567 | 0.375       | 9.53  | 80.00       | 1.426 | 0.195        | 4.95  | F           | F              | K             |
| LC 040D 02       |                  |      |                          |      |               |      |                            |       | 0.438       | 11.13 | 68.00       | 1.212 | 0.218        | 5.54  | F           | F              | K             |
| LC 040D 03       |                  |      |                          |      |               |      |                            |       | 0.500       | 12.70 | 57.00       | 1.016 | 0.242        | 6.15  | F           | F              | K             |
| LC 040D 04       |                  |      |                          |      |               |      |                            |       | 0.563       | 14.30 | 49.00       | 0.874 | 0.262        | 6.65  | F           | F              | K             |
| LC 040D 05       |                  |      |                          |      |               |      |                            |       | 0.625       | 15.88 | 44.00       | 0.784 | 0.290        | 7.37  | F           | F              | K             |
| LC 040D 06       |                  |      |                          |      |               |      |                            |       | 0.688       | 17.48 | 39.00       | 0.695 | 0.314        | 7.98  | F           | F              | K             |
| LC 040D 07       |                  |      |                          |      |               |      |                            |       | 0.750       | 19.05 | 35.00       | 0.624 | 0.342        | 8.69  | F           | F              | K             |
| LC 040D 08       |                  |      |                          |      |               |      |                            |       | 0.813       | 20.65 | 32.00       | 0.570 | 0.366        | 9.30  | F           | F              | K             |
| LC 040D 09       |                  |      |                          |      |               |      |                            |       | 0.875       | 22.23 | 30.00       | 0.535 | 0.394        | 10.01 | F           | F              | K             |
| LC 040D 10       |                  |      |                          |      |               |      |                            |       | 0.938       | 23.83 | 28.00       | 0.499 | 0.400        | 10.16 | F           | F              | K             |
| LC 040D 11       |                  |      |                          |      |               |      |                            |       | 1.000       | 25.40 | 26.00       | 0.464 | 0.430        | 10.92 | F           | F              | K             |
| LC 040D 12       |                  |      |                          |      |               |      |                            |       | 1.125       | 28.58 | 23.00       | 0.410 | 0.474        | 12.04 | F           | F              | K             |
| LC 040D 13       |                  |      |                          |      |               |      |                            |       | 1.250       | 31.75 | 20.00       | 0.357 | 0.512        | 13.00 | F           | F              | K             |
| LC 040D 14       |                  |      |                          |      |               |      |                            |       | 1.375       | 34.93 | 18.00       | 0.321 | 0.550        | 13.97 | F           | F              | K             |
| LC 040D 15       |                  |      |                          |      |               |      |                            |       | 1.500       | 38.10 | 16.00       | 0.285 | 0.650        | 16.51 | F           | F              | K             |
| LC 040D 16       |                  |      |                          |      |               |      |                            |       | 1.750       | 44.45 | 14.00       | 0.250 | 0.718        | 18.24 | G           | G              | L             |
| LC 040D 17       |                  |      |                          |      |               |      |                            |       | 2.000       | 50.80 | 12.00       | 0.214 | 0.810        | 20.57 | G           | G              | L             |
| LC 040D 18       |                  |      |                          |      |               |      |                            |       | 2.250       | 57.15 | 10.70       | 0.191 | 0.907        | 23.04 | G           | G              | L             |
| LC 040D 19       |                  |      |                          |      |               |      |                            |       | 2.500       | 63.50 | 9.60        | 0.171 | 1.000        | 25.40 | G           | G              | L             |
| LC 042D 01       | .300             | 7.62 | .313                     | 7.94 | .042          | 1.07 | 16.300                     | 7.394 | 0.375       | 9.53  | 105.00      | 1.875 | 0.201        | 5.11  | F           | F              | K             |
| LC 042D 02       |                  |      |                          |      |               |      |                            |       | 0.438       | 11.13 | 88.00       | 1.569 | 0.222        | 5.64  | F           | F              | K             |
| LC 042D 03       |                  |      |                          |      |               |      |                            |       | 0.500       | 12.70 | 70.00       | 1.248 | 0.253        | 6.43  | F           | F              | K             |
| LC 042D 04       |                  |      |                          |      |               |      |                            |       | 0.563       | 14.30 | 60.00       | 1.070 | 0.285        | 7.24  | F           | F              | K             |
| LC 042D 05       |                  |      |                          |      |               |      |                            |       | 0.625       | 15.88 | 52.00       | 0.927 | 0.316        | 8.03  | F           | F              | K             |
| LC 042D 06       |                  |      |                          |      |               |      |                            |       | 0.688       | 17.48 | 46.00       | 0.820 | 0.337        | 8.56  | F           | F              | K             |
| LC 042D 07       |                  |      |                          |      |               |      |                            |       | 0.750       | 19.05 | 42.00       | 0.749 | 0.358        | 9.09  | F           | F              | K             |
| LC 042D 08       |                  |      |                          |      |               |      |                            |       | 0.813       | 20.65 | 38.00       | 0.679 | 0.390        | 9.91  | F           | F              | K             |
| LC 042D 09       |                  |      |                          |      |               |      |                            |       | 0.875       | 22.23 | 34.00       | 0.606 | 0.421        | 10.69 | F           | F              | K             |
| LC 042D 10       |                  |      |                          |      |               |      |                            |       | 0.938       | 23.83 | 32.00       | 0.570 | 0.452        | 11.48 | F           | F              | K             |
| LC 042D 11       |                  |      |                          |      |               |      |                            |       | 1.000       | 25.40 | 30.00       | 0.535 | 0.474        | 12.04 | F           | F              | K             |
| LC 042D 12       |                  |      |                          |      |               |      |                            |       | 1.125       | 28.58 | 28.00       | 0.499 | 0.506        | 12.85 | F           | F              | K             |
| LC 042D 13       |                  |      |                          |      |               |      |                            |       | 1.250       | 31.75 | 24.00       | 0.428 | 0.579        | 14.71 | F           | F              | K             |
| LC 042D 14       |                  |      |                          |      |               |      |                            |       | 1.375       | 34.93 | 22.00       | 0.392 | 0.631        | 16.03 | F           | F              | K             |
| LC 042D 15       |                  |      |                          |      |               |      |                            |       | 1.500       | 38.10 | 20.00       | 0.357 | 0.673        | 17.09 | F           | F              | K             |
| LC 042D 16       |                  |      |                          |      |               |      |                            |       | 1.750       | 44.45 | 16.50       | 0.294 | 0.786        | 19.96 | G           | G              | L             |
| LC 042D 17       |                  |      |                          |      |               |      |                            |       | 2.000       | 50.80 | 14.50       | 0.258 | 0.884        | 22.45 | G           | G              | L             |
| LC 042D 18       |                  |      |                          |      |               |      |                            |       | 2.250       | 57.15 | 13.00       | 0.232 | 0.995        | 25.27 | G           | G              | L             |
| LC 042D 19       |                  |      |                          |      |               |      |                            |       | 2.500       | 63.50 | 11.60       | 0.207 | 1.079        | 27.41 | G           | G              | L             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |   |      |
|------------------|------------------|------|--------------------------|------|---------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|---|------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM   | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | M           | S | S316 |
| LC 045D 01       | .300             | 7.62 | .313                     | 7.94 | .045          | 1.14 | 19.800                     | 8.981  | 0.375       | 9.53  | 124.00      | 2.214 | 0.226        | 5.74  | F           | F | K    |
| LC 045D 02       |                  |      |                          |      |               |      |                            |        | 0.438       | 11.13 | 103.00      | 1.836 | 0.260        | 6.60  | F           | F | K    |
| LC 045D 03       |                  |      |                          |      |               |      |                            |        | 0.500       | 12.70 | 90.00       | 1.605 | 0.271        | 6.88  | F           | F | K    |
| LC 045D 04       |                  |      |                          |      |               |      |                            |        | 0.563       | 14.30 | 77.00       | 1.373 | 0.316        | 8.03  | F           | F | K    |
| LC 045D 05       |                  |      |                          |      |               |      |                            |        | 0.625       | 15.88 | 69.00       | 1.230 | 0.339        | 8.61  | F           | F | K    |
| LC 045D 06       |                  |      |                          |      |               |      |                            |        | 0.688       | 17.48 | 61.00       | 1.088 | 0.372        | 9.45  | F           | F | K    |
| LC 045D 07       |                  |      |                          |      |               |      |                            |        | 0.750       | 19.05 | 55.00       | 0.981 | 0.406        | 10.31 | F           | F | K    |
| LC 045D 08       |                  |      |                          |      |               |      |                            |        | 0.813       | 20.65 | 51.00       | 0.911 | 0.417        | 10.59 | F           | F | K    |
| LC 045D 09       |                  |      |                          |      |               |      |                            |        | 0.875       | 22.23 | 46.00       | 0.820 | 0.451        | 11.46 | F           | F | K    |
| LC 045D 10       |                  |      |                          |      |               |      |                            |        | 0.938       | 23.83 | 42.00       | 0.749 | 0.496        | 12.60 | F           | F | K    |
| LC 045D 11       |                  |      |                          |      |               |      |                            |        | 1.000       | 25.40 | 40.00       | 0.713 | 0.518        | 13.16 | F           | F | K    |
| LC 045D 12       |                  |      |                          |      |               |      |                            |        | 1.125       | 28.58 | 36.00       | 0.642 | 0.564        | 14.32 | F           | F | K    |
| LC 045D 13       |                  |      |                          |      |               |      |                            |        | 1.250       | 31.75 | 32.00       | 0.570 | 0.631        | 16.03 | F           | F | K    |
| LC 045D 14       |                  |      |                          |      |               |      |                            |        | 1.375       | 34.93 | 29.00       | 0.517 | 0.664        | 16.86 | F           | F | K    |
| LC 045D 15       |                  |      |                          |      |               |      |                            |        | 1.500       | 38.10 | 26.00       | 0.464 | 0.743        | 18.87 | F           | F | K    |
| LC 045D 16       |                  |      |                          |      |               |      |                            |        | 1.750       | 44.45 | 22.00       | 0.392 | 0.860        | 21.84 | G           | G | L    |
| LC 045D 17       |                  |      |                          |      |               |      |                            |        | 2.000       | 50.80 | 19.00       | 0.339 | 0.960        | 24.38 | G           | G | L    |
| LC 045D 18       |                  |      |                          |      |               |      |                            |        | 2.250       | 57.15 | 17.00       | 0.303 | 1.080        | 27.43 | G           | G | L    |
| LC 045D 19       |                  |      |                          |      |               |      |                            |        | 2.500       | 63.50 | 15.30       | 0.273 | 1.191        | 30.25 | G           | G | L    |
| LC 047D 01       | .300             | 7.62 | .313                     | 7.94 | .047          | 1.19 | 24.250                     | 11.000 | 0.375       | 9.53  | 159.10      | 2.842 | 0.234        | 5.95  | F           | F | K    |
| LC 047D 02       |                  |      |                          |      |               |      |                            |        | 0.438       | 11.13 | 132.20      | 2.362 | 0.262        | 6.66  | F           | F | K    |
| LC 047D 03       |                  |      |                          |      |               |      |                            |        | 0.500       | 12.70 | 112.00      | 2.001 | 0.292        | 7.42  | F           | F | K    |
| LC 047D 04       |                  |      |                          |      |               |      |                            |        | 0.563       | 14.30 | 97.20       | 1.736 | 0.322        | 8.18  | F           | F | K    |
| LC 047D 05       |                  |      |                          |      |               |      |                            |        | 0.625       | 15.88 | 85.70       | 1.530 | 0.352        | 8.95  | F           | F | K    |
| LC 047D 06       |                  |      |                          |      |               |      |                            |        | 0.688       | 17.48 | 76.70       | 1.370 | 0.382        | 9.70  | F           | F | K    |
| LC 047D 07       |                  |      |                          |      |               |      |                            |        | 0.750       | 19.05 | 69.30       | 1.238 | 0.412        | 10.47 | F           | F | K    |
| LC 047D 08       |                  |      |                          |      |               |      |                            |        | 0.813       | 20.65 | 63.40       | 1.131 | 0.442        | 11.23 | F           | F | K    |
| LC 047D 09       |                  |      |                          |      |               |      |                            |        | 0.875       | 22.23 | 58.20       | 1.040 | 0.472        | 12.00 | F           | F | K    |
| LC 047D 10       |                  |      |                          |      |               |      |                            |        | 0.938       | 23.83 | 54.00       | 0.964 | 0.502        | 12.76 | F           | F | K    |
| LC 047D 11       |                  |      |                          |      |               |      |                            |        | 1.000       | 25.40 | 50.20       | 0.897 | 0.533        | 13.53 | F           | F | K    |
| LC 047D 12       |                  |      |                          |      |               |      |                            |        | 1.125       | 28.58 | 44.10       | 0.788 | 0.593        | 15.05 | G           | G | L    |
| LC 047D 13       |                  |      |                          |      |               |      |                            |        | 1.250       | 31.75 | 39.40       | 0.703 | 0.653        | 16.58 | G           | G | L    |
| LC 047D 14       |                  |      |                          |      |               |      |                            |        | 1.375       | 34.93 | 35.50       | 0.634 | 0.713        | 18.11 | G           | G | L    |
| LC 047D 15       |                  |      |                          |      |               |      |                            |        | 1.500       | 38.10 | 32.40       | 0.578 | 0.773        | 19.64 | G           | G | L    |
| LC 047D 16       |                  |      |                          |      |               |      |                            |        | 1.750       | 44.45 | 27.50       | 0.491 | 0.893        | 22.69 | G           | G | L    |
| LC 047D 17       |                  |      |                          |      |               |      |                            |        | 2.000       | 50.80 | 23.90       | 0.426 | 1.014        | 25.74 | G           | G | L    |
| LC 047D 18       |                  |      |                          |      |               |      |                            |        | 2.250       | 57.15 | 21.10       | 0.377 | 1.134        | 28.80 | G           | G | L    |
| LC 047D 19       |                  |      |                          |      |               |      |                            |        | 2.500       | 63.50 | 18.90       | 0.338 | 1.254        | 31.85 | G           | G | L    |
| LC 047D 20       |                  |      |                          |      |               |      |                            |        | 2.750       | 69.85 | 17.10       | 0.305 | 1.376        | 34.96 | G           | G | L    |
| LC 047D 21       |                  |      |                          |      |               |      |                            |        | 3.000       | 76.20 | 15.70       | 0.280 | 1.490        | 37.86 | G           | G | L    |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

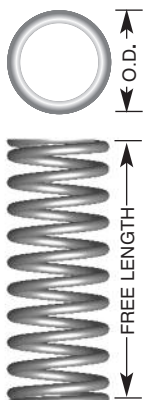
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM   | LB.                        | KG     | IN.         | MM    | LB./IN.     | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 049D 01       | .300             | 7.62 | .313                     | 7.94 | .049          | 1.24 | 26.790                     | 12.150 | 0.375       | 9.53  | 193.46      | 3.455 | 0.244        | 6.19  | F           | F              | K             |
| LC 049D 02       |                  |      |                          |      |               |      |                            |        | 0.438       | 11.13 | 157.62      | 2.815 | 0.276        | 7.01  | F           | F              | K             |
| LC 049D 03       |                  |      |                          |      |               |      |                            |        | 0.500       | 12.70 | 133.31      | 2.381 | 0.308        | 7.82  | F           | F              | K             |
| LC 049D 04       |                  |      |                          |      |               |      |                            |        | 0.563       | 14.30 | 115.49      | 2.063 | 0.340        | 8.63  | F           | F              | K             |
| LC 049D 05       |                  |      |                          |      |               |      |                            |        | 0.625       | 15.88 | 101.69      | 1.816 | 0.372        | 9.46  | F           | F              | K             |
| LC 049D 06       |                  |      |                          |      |               |      |                            |        | 0.688       | 17.48 | 90.98       | 1.625 | 0.404        | 10.27 | F           | F              | K             |
| LC 049D 07       |                  |      |                          |      |               |      |                            |        | 0.750       | 19.05 | 82.19       | 1.468 | 0.437        | 11.09 | G           | G              | L             |
| LC 049D 08       |                  |      |                          |      |               |      |                            |        | 0.813       | 20.65 | 75.06       | 1.340 | 0.469        | 11.90 | G           | G              | L             |
| LC 049D 09       |                  |      |                          |      |               |      |                            |        | 0.875       | 22.23 | 68.97       | 1.232 | 0.501        | 12.73 | G           | G              | L             |
| LC 049D 10       |                  |      |                          |      |               |      |                            |        | 0.938       | 23.83 | 63.87       | 1.141 | 0.533        | 13.54 | G           | G              | L             |
| LC 049D 11       |                  |      |                          |      |               |      |                            |        | 1.000       | 25.40 | 59.41       | 1.061 | 0.565        | 14.36 | G           | G              | L             |
| LC 049D 12       |                  |      |                          |      |               |      |                            |        | 1.125       | 28.58 | 52.18       | 0.932 | 0.630        | 16.00 | G           | G              | L             |
| LC 049D 13       |                  |      |                          |      |               |      |                            |        | 1.250       | 31.75 | 46.52       | 0.831 | 0.694        | 17.63 | G           | G              | L             |
| LC 049D 14       |                  |      |                          |      |               |      |                            |        | 1.375       | 34.93 | 41.97       | 0.749 | 0.759        | 19.27 | G           | G              | L             |
| LC 049D 15       |                  |      |                          |      |               |      |                            |        | 1.500       | 38.10 | 38.22       | 0.683 | 0.823        | 20.90 | G           | G              | L             |
| LC 049D 16       |                  |      |                          |      |               |      |                            |        | 1.750       | 44.45 | 32.44       | 0.579 | 0.952        | 24.17 | J           | J              | M             |
| LC 049D 17       |                  |      |                          |      |               |      |                            |        | 2.000       | 50.80 | 28.18       | 0.503 | 1.080        | 27.44 | J           | J              | M             |
| LC 049D 18       |                  |      |                          |      |               |      |                            |        | 2.250       | 57.15 | 24.90       | 0.445 | 1.209        | 30.71 | J           | J              | M             |
| LC 049D 19       |                  |      |                          |      |               |      |                            |        | 2.500       | 63.50 | 22.31       | 0.398 | 1.338        | 33.98 | J           | J              | M             |
| LC 049D 20       |                  |      |                          |      |               |      |                            |        | 2.750       | 69.85 | 20.20       | 0.361 | 1.467        | 37.27 | J           | J              | M             |
| LC 049D 21       |                  |      |                          |      |               |      |                            |        | 3.000       | 76.20 | 18.40       | 0.329 | 1.601        | 40.66 | K           | L              | P             |
| LC 051D 01       | .300             | 7.62 | .313                     | 7.94 | .051          | 1.30 | 29.250                     | 13.270 | 0.375       | 9.53  | 229.90      | 4.106 | 0.255        | 6.48  | F           | F              | K             |
| LC 051D 02       |                  |      |                          |      |               |      |                            |        | 0.438       | 11.13 | 186.80      | 3.336 | 0.290        | 7.36  | F           | F              | K             |
| LC 051D 03       |                  |      |                          |      |               |      |                            |        | 0.500       | 12.70 | 157.70      | 2.817 | 0.324        | 8.23  | F           | F              | K             |
| LC 051D 04       |                  |      |                          |      |               |      |                            |        | 0.563       | 14.30 | 136.50      | 2.437 | 0.358        | 9.10  | F           | F              | K             |
| LC 051D 05       |                  |      |                          |      |               |      |                            |        | 0.625       | 15.88 | 120.00      | 2.143 | 0.393        | 9.98  | F           | F              | K             |
| LC 051D 06       |                  |      |                          |      |               |      |                            |        | 0.688       | 17.48 | 107.30      | 1.916 | 0.427        | 10.84 | F           | F              | K             |
| LC 051D 07       |                  |      |                          |      |               |      |                            |        | 0.750       | 19.05 | 96.90       | 1.730 | 0.461        | 11.72 | G           | G              | L             |
| LC 051D 08       |                  |      |                          |      |               |      |                            |        | 0.813       | 20.65 | 88.40       | 1.579 | 0.496        | 12.59 | G           | G              | L             |
| LC 051D 09       |                  |      |                          |      |               |      |                            |        | 0.875       | 22.23 | 81.20       | 1.450 | 0.530        | 13.47 | G           | G              | L             |
| LC 051D 10       |                  |      |                          |      |               |      |                            |        | 0.938       | 23.83 | 75.20       | 1.343 | 0.564        | 14.33 | G           | G              | L             |
| LC 051D 11       |                  |      |                          |      |               |      |                            |        | 1.000       | 25.40 | 69.90       | 1.248 | 0.599        | 15.21 | G           | G              | L             |
| LC 051D 12       |                  |      |                          |      |               |      |                            |        | 1.125       | 28.58 | 61.40       | 1.096 | 0.668        | 16.96 | G           | G              | L             |
| LC 051D 13       |                  |      |                          |      |               |      |                            |        | 1.250       | 31.75 | 54.70       | 0.976 | 0.737        | 18.71 | G           | G              | L             |
| LC 051D 14       |                  |      |                          |      |               |      |                            |        | 1.375       | 34.93 | 49.30       | 0.881 | 0.805        | 20.45 | G           | G              | L             |
| LC 051D 15       |                  |      |                          |      |               |      |                            |        | 1.500       | 38.10 | 44.90       | 0.802 | 0.874        | 22.20 | G           | G              | L             |
| LC 051D 16       |                  |      |                          |      |               |      |                            |        | 1.750       | 44.45 | 38.10       | 0.680 | 1.012        | 25.69 | J           | J              | M             |
| LC 051D 17       |                  |      |                          |      |               |      |                            |        | 2.000       | 50.80 | 33.10       | 0.591 | 1.149        | 29.19 | J           | J              | M             |
| LC 051D 18       |                  |      |                          |      |               |      |                            |        | 2.250       | 57.15 | 29.20       | 0.522 | 1.287        | 32.68 | J           | J              | M             |
| LC 051D 19       |                  |      |                          |      |               |      |                            |        | 2.500       | 63.50 | 26.20       | 0.467 | 1.424        | 36.17 | J           | J              | M             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |   |      |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|------|-------------|-------|-------------|-------|--------------|-------|-------------|---|------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | M           | S | S316 |
| LC 016DE 01      | .312             | 7.92 | .328                     | 8.33 | .016          | .41 | .553                       | .251 | 0.250       | 6.35  | 2.84        | 0.051 | 0.055        | 1.40  | F           | F | K    |
| LC 016DE 02      |                  |      |                          |      |               |     |                            |      | 0.313       | 7.95  | 2.21        | 0.039 | 0.061        | 1.56  | F           | G | L    |
| LC 016DE 03      |                  |      |                          |      |               |     |                            |      | 0.375       | 9.53  | 1.80        | 0.032 | 0.068        | 1.72  | F           | G | L    |
| LC 016DE 04      |                  |      |                          |      |               |     |                            |      | 0.438       | 11.13 | 1.52        | 0.027 | 0.074        | 1.88  | F           | G | L    |
| LC 016DE 05      |                  |      |                          |      |               |     |                            |      | 0.500       | 12.70 | 1.32        | 0.024 | 0.080        | 2.04  | F           | G | L    |
| LC 016DE 06      |                  |      |                          |      |               |     |                            |      | 0.563       | 14.30 | 1.17        | 0.021 | 0.086        | 2.20  | F           | G | L    |
| LC 016DE 07      |                  |      |                          |      |               |     |                            |      | 0.625       | 15.88 | 1.04        | 0.019 | 0.093        | 2.36  | F           | G | L    |
| LC 016DE 08      |                  |      |                          |      |               |     |                            |      | 0.688       | 17.48 | 0.94        | 0.017 | 0.099        | 2.52  | F           | G | L    |
| LC 016DE 09      |                  |      |                          |      |               |     |                            |      | 0.750       | 19.05 | 0.86        | 0.015 | 0.105        | 2.68  | F           | G | L    |
| LC 016DE 10      |                  |      |                          |      |               |     |                            |      | 0.813       | 20.65 | 0.79        | 0.014 | 0.112        | 2.84  | F           | G | L    |
| LC 016DE 11      |                  |      |                          |      |               |     |                            |      | 0.875       | 22.23 | 0.73        | 0.013 | 0.118        | 3.00  | F           | G | L    |
| LC 016DE 12      |                  |      |                          |      |               |     |                            |      | 0.938       | 23.83 | 0.68        | 0.012 | 0.124        | 3.16  | F           | G | L    |
| LC 016DE 13      |                  |      |                          |      |               |     |                            |      | 1.000       | 25.40 | 0.64        | 0.011 | 0.131        | 3.32  | F           | G | L    |
| LC 016DE 14      |                  |      |                          |      |               |     |                            |      | 1.250       | 31.75 | 0.51        | 0.009 | 0.156        | 3.96  | J           | J | M    |
| LC 016DE 15      |                  |      |                          |      |               |     |                            |      | 1.500       | 38.10 | 0.42        | 0.008 | 0.181        | 4.60  | K           | K | N    |
| LC 016DE 16      |                  |      |                          |      |               |     |                            |      | 1.750       | 44.45 | 0.36        | 0.006 | 0.206        | 5.25  | K           | K | N    |
| LC 016DE 17      |                  |      |                          |      |               |     |                            |      | 2.000       | 50.80 | 0.31        | 0.006 | 0.232        | 5.89  | K           | K | N    |
| LC 023DE 01      | .312             | 7.92 | .328                     | 8.33 | .023          | .58 | 1.195                      | .542 | 0.375       | 9.53  | 4.91        | 0.088 | 0.131        | 3.34  | F           | F | K    |
| LC 023DE 02      |                  |      |                          |      |               |     |                            |      | 0.438       | 11.13 | 4.12        | 0.074 | 0.147        | 3.75  | F           | F | K    |
| LC 023DE 03      |                  |      |                          |      |               |     |                            |      | 0.500       | 12.70 | 3.55        | 0.063 | 0.163        | 4.15  | F           | F | K    |
| LC 023DE 04      |                  |      |                          |      |               |     |                            |      | 0.563       | 14.30 | 3.12        | 0.056 | 0.179        | 4.56  | F           | F | K    |
| LC 023DE 05      |                  |      |                          |      |               |     |                            |      | 0.625       | 15.88 | 2.79        | 0.050 | 0.195        | 4.96  | F           | F | K    |
| LC 023DE 06      |                  |      |                          |      |               |     |                            |      | 0.688       | 17.48 | 2.51        | 0.045 | 0.211        | 5.37  | F           | F | K    |
| LC 023DE 07      |                  |      |                          |      |               |     |                            |      | 0.750       | 19.05 | 2.29        | 0.041 | 0.227        | 5.77  | F           | F | K    |
| LC 023DE 08      |                  |      |                          |      |               |     |                            |      | 0.813       | 20.65 | 2.10        | 0.038 | 0.243        | 6.18  | F           | F | K    |
| LC 023DE 09      |                  |      |                          |      |               |     |                            |      | 0.875       | 22.23 | 1.95        | 0.035 | 0.259        | 6.58  | F           | F | K    |
| LC 023DE 10      |                  |      |                          |      |               |     |                            |      | 0.938       | 23.83 | 1.81        | 0.032 | 0.275        | 6.99  | F           | F | K    |
| LC 023DE 11      |                  |      |                          |      |               |     |                            |      | 1.000       | 25.40 | 1.69        | 0.030 | 0.291        | 7.39  | F           | F | K    |
| LC 023DE 12      |                  |      |                          |      |               |     |                            |      | 1.250       | 31.75 | 1.34        | 0.024 | 0.355        | 9.01  | F           | F | K    |
| LC 023DE 13      |                  |      |                          |      |               |     |                            |      | 1.375       | 34.93 | 1.21        | 0.022 | 0.387        | 9.82  | F           | F | K    |
| LC 023DE 14      |                  |      |                          |      |               |     |                            |      | 1.500       | 38.10 | 1.11        | 0.020 | 0.419        | 10.63 | F           | F | K    |
| LC 023DE 15      |                  |      |                          |      |               |     |                            |      | 1.750       | 44.45 | 0.95        | 0.017 | 0.482        | 12.25 | G           | G | L    |
| LC 023DE 16      |                  |      |                          |      |               |     |                            |      | 2.000       | 50.80 | 0.83        | 0.015 | 0.546        | 13.87 | G           | G | L    |
| LC 023DE 17      |                  |      |                          |      |               |     |                            |      | 2.250       | 57.15 | 0.73        | 0.013 | 0.610        | 15.49 | G           | G | L    |
| LC 023DE 18      |                  |      |                          |      |               |     |                            |      | 2.500       | 63.50 | 0.66        | 0.012 | 0.674        | 17.11 | G           | G | L    |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

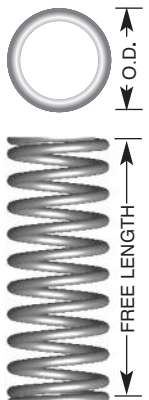
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|------|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM   | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 026DE 01      | .312             | 7.92 | .328                     | 8.33 | .026          | .66  | 2.417                      | 1.096 | 0.438       | 11.13 | 8.33        | 0.149 | 0.148        | 3.75  | F           | F              | K             |
| LC 026DE 02      |                  |      |                          |      |               |      |                            |       | 0.500       | 12.70 | 7.18        | 0.128 | 0.163        | 4.14  | F           | F              | K             |
| LC 026DE 03      |                  |      |                          |      |               |      |                            |       | 0.563       | 14.30 | 6.29        | 0.112 | 0.178        | 4.53  | F           | F              | K             |
| LC 026DE 04      |                  |      |                          |      |               |      |                            |       | 0.625       | 15.88 | 5.61        | 0.100 | 0.193        | 4.91  | F           | F              | K             |
| LC 026DE 05      |                  |      |                          |      |               |      |                            |       | 0.688       | 17.48 | 5.05        | 0.09  | 0.209        | 5.30  | F           | F              | K             |
| LC 026DE 06      |                  |      |                          |      |               |      |                            |       | 0.750       | 19.05 | 4.61        | 0.082 | 0.224        | 5.69  | F           | F              | K             |
| LC 026DE 07      |                  |      |                          |      |               |      |                            |       | 0.813       | 20.65 | 4.22        | 0.075 | 0.239        | 6.08  | F           | F              | K             |
| LC 026DE 08      |                  |      |                          |      |               |      |                            |       | 0.875       | 22.23 | 3.91        | 0.070 | 0.254        | 6.46  | F           | F              | K             |
| LC 026DE 09      |                  |      |                          |      |               |      |                            |       | 0.938       | 23.83 | 3.63        | 0.065 | 0.270        | 6.85  | F           | F              | K             |
| LC 026DE 10      |                  |      |                          |      |               |      |                            |       | 1.000       | 25.40 | 3.39        | 0.061 | 0.285        | 7.24  | F           | F              | K             |
| LC 026DE 11      |                  |      |                          |      |               |      |                            |       | 1.250       | 31.75 | 2.68        | 0.048 | 0.346        | 8.79  | F           | F              | K             |
| LC 026DE 12      |                  |      |                          |      |               |      |                            |       | 1.500       | 38.10 | 2.22        | 0.040 | 0.407        | 10.34 | F           | F              | K             |
| LC 026DE 13      |                  |      |                          |      |               |      |                            |       | 1.750       | 44.45 | 1.89        | 0.034 | 0.468        | 11.89 | F           | F              | K             |
| LC 026DE 14      |                  |      |                          |      |               |      |                            |       | 2.000       | 50.80 | 1.65        | 0.029 | 0.529        | 13.44 | F           | F              | K             |
| LC 026DE 15      |                  |      |                          |      |               |      |                            |       | 2.250       | 57.15 | 1.46        | 0.026 | 0.590        | 14.99 | G           | G              | L             |
| LC 026DE 16      |                  |      |                          |      |               |      |                            |       | 2.500       | 63.50 | 1.31        | 0.023 | 0.651        | 16.54 | G           | G              | L             |
| LC 047DE 01      | .312             | 7.92 | .328                     | 8.74 | .047          | 1.19 | 13.282                     | 6.025 | 0.375       | 9.53  | 116.19      | 2.080 | 0.261        | 6.63  | F           | F              | K             |
| LC 047DE 02      |                  |      |                          |      |               |      |                            |       | 0.438       | 11.13 | 94.91       | 1.699 | 0.297        | 7.54  | F           | F              | K             |
| LC 047DE 03      |                  |      |                          |      |               |      |                            |       | 0.500       | 12.70 | 80.42       | 1.439 | 0.334        | 8.48  | F           | F              | K             |
| LC 047DE 04      |                  |      |                          |      |               |      |                            |       | 0.563       | 14.30 | 69.76       | 1.249 | 0.370        | 9.40  | F           | F              | K             |
| LC 047DE 05      |                  |      |                          |      |               |      |                            |       | 0.625       | 15.88 | 61.49       | 1.101 | 0.406        | 10.31 | F           | F              | K             |
| LC 047DE 06      |                  |      |                          |      |               |      |                            |       | 0.688       | 17.48 | 55.06       | 0.986 | 0.443        | 11.25 | F           | F              | K             |
| LC 047DE 07      |                  |      |                          |      |               |      |                            |       | 0.750       | 19.05 | 49.77       | 0.891 | 0.479        | 12.17 | F           | F              | K             |
| LC 047DE 08      |                  |      |                          |      |               |      |                            |       | 0.813       | 20.65 | 45.47       | 0.814 | 0.516        | 13.11 | F           | F              | K             |
| LC 047DE 09      |                  |      |                          |      |               |      |                            |       | 0.875       | 22.23 | 41.81       | 0.748 | 0.552        | 14.02 | F           | F              | K             |
| LC 047DE 10      |                  |      |                          |      |               |      |                            |       | 0.938       | 23.83 | 38.73       | 0.693 | 0.588        | 14.94 | F           | F              | K             |
| LC 047DE 11      |                  |      |                          |      |               |      |                            |       | 1.000       | 25.40 | 36.04       | 0.645 | 0.625        | 15.88 | F           | F              | K             |
| LC 047DE 12      |                  |      |                          |      |               |      |                            |       | 1.125       | 28.58 | 31.67       | 0.567 | 0.698        | 17.73 | G           | G              | L             |
| LC 047DE 13      |                  |      |                          |      |               |      |                            |       | 1.250       | 31.75 | 28.24       | 0.506 | 0.771        | 19.58 | G           | G              | L             |
| LC 047DE 14      |                  |      |                          |      |               |      |                            |       | 1.375       | 34.93 | 25.49       | 0.456 | 0.844        | 21.44 | G           | G              | L             |
| LC 047DE 15      |                  |      |                          |      |               |      |                            |       | 1.500       | 38.10 | 23.22       | 0.416 | 0.917        | 23.29 | G           | G              | L             |
| LC 047DE 16      |                  |      |                          |      |               |      |                            |       | 1.750       | 44.45 | 19.72       | 0.353 | 1.063        | 27.00 | G           | G              | L             |
| LC 047DE 17      |                  |      |                          |      |               |      |                            |       | 2.000       | 50.80 | 17.13       | 0.307 | 1.208        | 30.68 | G           | G              | L             |
| LC 047DE 18      |                  |      |                          |      |               |      |                            |       | 2.250       | 57.15 | 15.14       | 0.271 | 1.354        | 34.39 | G           | G              | L             |
| LC 047DE 19      |                  |      |                          |      |               |      |                            |       | 2.500       | 63.50 | 13.57       | 0.243 | 1.500        | 38.10 | G           | G              | L             |
| LC 047DE 20      |                  |      |                          |      |               |      |                            |       | 2.750       | 69.85 | 12.29       | 0.220 | 1.646        | 41.81 | G           | G              | L             |
| LC 047DE 21      |                  |      |                          |      |               |      |                            |       | 3.000       | 76.20 | 11.24       | 0.201 | 1.792        | 45.52 | G           | G              | L             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB./IN.     | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 026E 01       | .360             | 9.15 | .375                     | 9.53 | .026          | .66 | 3.500                      | 1.588 | 0.500       | 12.70 | 9.00        | 0.161 | 0.108        | 2.74  | F           | F              | K             |
| LC 026E 02       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 8.00        | 0.143 | 0.115        | 2.92  | F           | F              | K             |
| LC 026E 03       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 7.00        | 0.125 | 0.124        | 3.15  | F           | F              | K             |
| LC 026E 04       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 6.50        | 0.116 | 0.131        | 3.33  | F           | F              | K             |
| LC 026E 05       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 6.00        | 0.107 | 0.138        | 3.51  | F           | F              | K             |
| LC 026E 06       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 5.50        | 0.098 | 0.144        | 3.66  | F           | F              | K             |
| LC 026E 07       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 5.00        | 0.089 | 0.151        | 3.84  | F           | F              | K             |
| LC 026E 08       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 4.50        | 0.080 | 0.157        | 3.99  | F           | F              | K             |
| LC 026E 09       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 4.00        | 0.071 | 0.170        | 4.32  | F           | F              | K             |
| LC 026E 10       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 3.50        | 0.063 | 0.190        | 4.83  | F           | F              | K             |
| LC 026E 11       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 3.30        | 0.059 | 0.210        | 5.33  | F           | F              | K             |
| LC 026E 12       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 2.70        | 0.048 | 0.239        | 6.07  | F           | F              | K             |
| LC 026E 13       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 2.40        | 0.043 | 0.250        | 6.35  | F           | F              | K             |
| LC 026E 14       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 2.10        | 0.037 | 0.278        | 7.06  | F           | F              | K             |
| LC 026E 15       |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 1.90        | 0.034 | 0.317        | 8.05  | G           | G              | L             |
| LC 029E 01       | .360             | 9.15 | .375                     | 9.53 | .029          | .74 | 4.500                      | 2.038 | 0.500       | 12.70 | 12.20       | 0.218 | 0.141        | 3.58  | F           | F              | K             |
| LC 029E 02       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 10.70       | 0.191 | 0.151        | 3.84  | F           | F              | K             |
| LC 029E 03       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 9.60        | 0.171 | 0.161        | 4.09  | F           | F              | K             |
| LC 029E 04       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 8.60        | 0.153 | 0.171        | 4.34  | F           | F              | K             |
| LC 029E 05       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 7.60        | 0.136 | 0.181        | 4.60  | F           | F              | K             |
| LC 029E 06       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 7.00        | 0.125 | 0.192        | 4.88  | F           | F              | K             |
| LC 029E 07       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 6.50        | 0.116 | 0.202        | 5.13  | F           | F              | K             |
| LC 029E 08       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 6.10        | 0.109 | 0.213        | 5.41  | F           | F              | K             |
| LC 029E 09       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 5.70        | 0.102 | 0.222        | 5.64  | F           | F              | K             |
| LC 029E 10       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 5.00        | 0.089 | 0.242        | 6.15  | F           | F              | K             |
| LC 029E 11       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 4.40        | 0.078 | 0.264        | 6.70  | F           | F              | K             |
| LC 029E 12       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 4.00        | 0.071 | 0.283        | 7.19  | F           | F              | K             |
| LC 029E 13       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 3.70        | 0.066 | 0.304        | 7.72  | F           | F              | K             |
| LC 029E 14       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 3.20        | 0.057 | 0.334        | 8.48  | F           | F              | K             |
| LC 029E 15       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 2.70        | 0.048 | 0.384        | 9.75  | G           | G              | L             |
| LC 032E 0        | .360             | 9.15 | .375                     | 9.53 | .032          | .81 | 6.300                      | 2.858 | 0.375       | 9.53  | 25.50       | 0.455 | 0.120        | 3.05  | F           | F              | K             |
| LC 032E 01       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 18.00       | 0.321 | 0.145        | 3.68  | F           | F              | K             |
| LC 032E 02       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 16.00       | 0.285 | 0.161        | 4.09  | F           | F              | K             |
| LC 032E 03       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 14.50       | 0.258 | 0.169        | 4.29  | F           | F              | K             |
| LC 032E 04       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 13.00       | 0.232 | 0.177        | 4.50  | F           | F              | K             |
| LC 032E 05       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 12.00       | 0.214 | 0.185        | 4.70  | F           | F              | K             |
| LC 032E 06       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 11.00       | 0.196 | 0.201        | 5.10  | F           | F              | K             |
| LC 032E 07       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 10.00       | 0.179 | 0.209        | 5.31  | F           | F              | K             |
| LC 032E 08       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 9.50        | 0.169 | 0.225        | 5.72  | F           | F              | K             |
| LC 032E 09       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 8.50        | 0.152 | 0.241        | 6.12  | F           | F              | K             |
| LC 032E 10       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 7.50        | 0.134 | 0.265        | 6.73  | F           | F              | K             |
| LC 032E 11       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 7.00        | 0.125 | 0.277        | 7.04  | F           | F              | K             |
| LC 032E 12       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 6.50        | 0.116 | 0.297        | 7.54  | F           | F              | K             |
| LC 032E 13       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 5.50        | 0.098 | 0.338        | 8.59  | F           | F              | K             |
| LC 032E 14       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 4.60        | 0.082 | 0.381        | 9.68  | F           | F              | K             |
| LC 032E 15       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 4.00        | 0.071 | 0.421        | 10.69 | G           | G              | L             |
| LC 032E 16       |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 3.60        | 0.064 | 0.471        | 11.96 | G           | G              | L             |
| LC 032E 17       |                  |      |                          |      |               |     |                            |       | 2.500       | 63.50 | 3.20        | 0.057 | 0.514        | 13.06 | G           | G              | L             |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

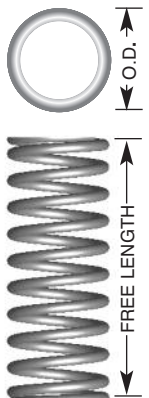
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 035E 01       | .360             | 9.15 | .375                     | 9.53 | .035          | .89 | 7.750                      | 3.510 | 0.438       | 11.13 | 27.80       | 0.496 | 0.164        | 4.16  | F           | F              | K             |
| LC 035E 02       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 23.70       | 0.422 | 0.178        | 4.52  | F           | F              | K             |
| LC 035E 03       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 20.30       | 0.362 | 0.194        | 4.93  | F           | F              | K             |
| LC 035E 04       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 18.00       | 0.321 | 0.208        | 5.28  | F           | F              | K             |
| LC 035E 05       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 16.00       | 0.285 | 0.223        | 5.66  | F           | F              | K             |
| LC 035E 06       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 14.70       | 0.262 | 0.238        | 6.04  | F           | F              | K             |
| LC 035E 07       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 13.30       | 0.237 | 0.252        | 6.40  | F           | F              | K             |
| LC 035E 08       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 12.50       | 0.223 | 0.266        | 6.76  | F           | F              | K             |
| LC 035E 09       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 11.70       | 0.209 | 0.279        | 7.09  | F           | F              | K             |
| LC 035E 10       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 11.00       | 0.196 | 0.293        | 7.44  | F           | F              | K             |
| LC 035E 11       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 9.50        | 0.169 | 0.325        | 8.26  | F           | F              | K             |
| LC 035E 12       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 8.60        | 0.153 | 0.351        | 8.92  | F           | F              | K             |
| LC 035E 13       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 7.70        | 0.137 | 0.381        | 9.68  | F           | F              | K             |
| LC 035E 14       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 7.00        | 0.125 | 0.410        | 10.41 | F           | F              | K             |
| LC 035E 15       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 6.10        | 0.109 | 0.465        | 11.81 | G           | G              | L             |
| LC 035E 16       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 5.20        | 0.093 | 0.525        | 13.34 | G           | G              | L             |
| LC 035E 17       |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 4.60        | 0.082 | 0.580        | 14.73 | G           | G              | L             |
| LC 035E 18       |                  |      |                          |      |               |     |                            |       | 2.500       | 63.50 | 4.10        | 0.073 | 0.640        | 16.26 | G           | G              | L             |
| LC 038E 01       | .360             | 9.15 | .375                     | 9.53 | .038          | .96 | 10.300                     | 4.672 | 0.438       | 11.13 | 38.00       | 0.679 | 0.172        | 4.37  | F           | F              | K             |
| LC 038E 02       |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 32.00       | 0.570 | 0.191        | 4.85  | F           | F              | K             |
| LC 038E 03       |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 28.00       | 0.499 | 0.200        | 5.08  | F           | F              | K             |
| LC 038E 04       |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 25.00       | 0.446 | 0.219        | 5.56  | F           | F              | K             |
| LC 038E 05       |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 22.00       | 0.392 | 0.239        | 6.07  | F           | F              | K             |
| LC 038E 06       |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 21.00       | 0.374 | 0.248        | 6.30  | F           | F              | K             |
| LC 038E 07       |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 19.00       | 0.339 | 0.267        | 6.78  | F           | F              | K             |
| LC 038E 08       |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 17.00       | 0.303 | 0.286        | 7.26  | F           | F              | K             |
| LC 038E 09       |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 16.00       | 0.285 | 0.305        | 7.75  | F           | F              | K             |
| LC 038E 10       |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 15.00       | 0.267 | 0.324        | 8.23  | F           | F              | K             |
| LC 038E 11       |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 13.00       | 0.232 | 0.352        | 8.94  | F           | F              | K             |
| LC 038E 12       |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 12.00       | 0.214 | 0.381        | 9.68  | F           | F              | K             |
| LC 038E 13       |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 10.00       | 0.178 | 0.438        | 11.12 | F           | F              | K             |
| LC 038E 14       |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 9.00        | 0.161 | 0.477        | 12.12 | F           | F              | K             |
| LC 038E 15       |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 8.20        | 0.146 | 0.518        | 13.16 | G           | G              | L             |
| LC 038E 16       |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 7.50        | 0.134 | 0.575        | 14.60 | G           | G              | L             |
| LC 038E 17       |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 6.50        | 0.116 | 0.632        | 16.05 | G           | G              | L             |
| LC 038E 18       |                  |      |                          |      |               |     |                            |       | 2.500       | 63.50 | 5.80        | 0.103 | 0.714        | 18.14 | G           | G              | L             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |   |      |
|------------------|------------------|------|--------------------------|------|---------------|------|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|---|------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM   | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | M           | S | S316 |
| LC 040E 01       | .360             | 9.15 | .375                     | 9.53 | .040          | 1.02 | 11.500                     | 5.208 | 0.438       | 11.13 | 44.20       | 0.788 | 0.196        | 4.98  | F           | F | K    |
| LC 040E 02       |                  |      |                          |      |               |      |                            |       | 0.500       | 12.70 | 38.20       | 0.681 | 0.214        | 5.44  | F           | F | K    |
| LC 040E 03       |                  |      |                          |      |               |      |                            |       | 0.563       | 14.30 | 33.00       | 0.588 | 0.234        | 5.94  | F           | F | K    |
| LC 040E 04       |                  |      |                          |      |               |      |                            |       | 0.625       | 15.88 | 28.60       | 0.510 | 0.254        | 6.45  | F           | F | K    |
| LC 040E 05       |                  |      |                          |      |               |      |                            |       | 0.688       | 17.48 | 26.20       | 0.467 | 0.270        | 6.86  | F           | F | K    |
| LC 040E 06       |                  |      |                          |      |               |      |                            |       | 0.750       | 19.05 | 24.00       | 0.428 | 0.290        | 7.37  | F           | F | K    |
| LC 040E 07       |                  |      |                          |      |               |      |                            |       | 0.813       | 20.65 | 22.20       | 0.396 | 0.306        | 7.77  | F           | F | K    |
| LC 040E 08       |                  |      |                          |      |               |      |                            |       | 0.875       | 22.23 | 20.20       | 0.360 | 0.326        | 8.28  | F           | F | K    |
| LC 040E 09       |                  |      |                          |      |               |      |                            |       | 0.938       | 23.83 | 18.80       | 0.335 | 0.342        | 8.69  | F           | F | K    |
| LC 040E 10       |                  |      |                          |      |               |      |                            |       | 1.000       | 25.40 | 17.40       | 0.310 | 0.362        | 9.19  | F           | F | K    |
| LC 040E 11       |                  |      |                          |      |               |      |                            |       | 1.125       | 28.58 | 15.40       | 0.274 | 0.398        | 10.11 | F           | F | K    |
| LC 040E 12       |                  |      |                          |      |               |      |                            |       | 1.250       | 31.75 | 13.80       | 0.246 | 0.435        | 11.05 | F           | F | K    |
| LC 040E 13       |                  |      |                          |      |               |      |                            |       | 1.375       | 34.93 | 12.40       | 0.221 | 0.475        | 12.06 | F           | F | K    |
| LC 040E 14       |                  |      |                          |      |               |      |                            |       | 1.500       | 38.10 | 11.50       | 0.205 | 0.510        | 12.95 | F           | F | K    |
| LC 040E 15       |                  |      |                          |      |               |      |                            |       | 1.750       | 44.45 | 9.70        | 0.173 | 0.586        | 14.88 | F           | F | K    |
| LC 040E 16       |                  |      |                          |      |               |      |                            |       | 2.000       | 50.80 | 8.60        | 0.153 | 0.660        | 16.76 | G           | G | L    |
| LC 040E 17       |                  |      |                          |      |               |      |                            |       | 2.250       | 57.15 | 7.50        | 0.134 | 0.730        | 18.54 | G           | G | L    |
| LC 040E 18       |                  |      |                          |      |               |      |                            |       | 2.500       | 63.50 | 6.60        | 0.118 | 0.810        | 20.57 | G           | G | L    |
| LC 042E 01       | .360             | 9.15 | .375                     | 9.53 | .042          | 1.07 | 13.500                     | 6.124 | 0.438       | 11.13 | 56.00       | 1.000 | 0.201        | 5.11  | F           | F | K    |
| LC 042E 02       |                  |      |                          |      |               |      |                            |       | 0.500       | 12.70 | 46.00       | 0.820 | 0.222        | 5.64  | F           | F | K    |
| LC 042E 03       |                  |      |                          |      |               |      |                            |       | 0.563       | 14.30 | 42.00       | 0.749 | 0.232        | 5.89  | F           | F | K    |
| LC 042E 04       |                  |      |                          |      |               |      |                            |       | 0.625       | 15.88 | 37.00       | 0.660 | 0.253        | 6.43  | F           | F | K    |
| LC 042E 05       |                  |      |                          |      |               |      |                            |       | 0.688       | 17.48 | 33.00       | 0.588 | 0.274        | 6.96  | F           | F | K    |
| LC 042E 06       |                  |      |                          |      |               |      |                            |       | 0.750       | 19.05 | 31.00       | 0.553 | 0.285        | 7.24  | F           | F | K    |
| LC 042E 07       |                  |      |                          |      |               |      |                            |       | 0.813       | 20.65 | 28.00       | 0.500 | 0.306        | 7.77  | F           | F | K    |
| LC 042E 08       |                  |      |                          |      |               |      |                            |       | 0.875       | 22.23 | 25.00       | 0.446 | 0.337        | 8.56  | F           | F | K    |
| LC 042E 09       |                  |      |                          |      |               |      |                            |       | 0.938       | 23.83 | 23.00       | 0.410 | 0.359        | 9.12  | F           | F | K    |
| LC 042E 10       |                  |      |                          |      |               |      |                            |       | 1.000       | 25.40 | 21.00       | 0.374 | 0.379        | 9.63  | F           | F | K    |
| LC 042E 11       |                  |      |                          |      |               |      |                            |       | 1.125       | 28.58 | 19.00       | 0.339 | 0.411        | 10.44 | F           | F | K    |
| LC 042E 12       |                  |      |                          |      |               |      |                            |       | 1.250       | 31.75 | 17.00       | 0.303 | 0.453        | 11.51 | F           | F | K    |
| LC 042E 13       |                  |      |                          |      |               |      |                            |       | 1.375       | 34.93 | 16.00       | 0.285 | 0.485        | 12.32 | F           | F | K    |
| LC 042E 14       |                  |      |                          |      |               |      |                            |       | 1.500       | 38.10 | 14.50       | 0.259 | 0.527        | 13.39 | F           | F | K    |
| LC 042E 15       |                  |      |                          |      |               |      |                            |       | 1.750       | 44.45 | 12.00       | 0.214 | 0.614        | 15.60 | G           | G | L    |
| LC 042E 16       |                  |      |                          |      |               |      |                            |       | 2.000       | 50.80 | 10.50       | 0.187 | 0.677        | 17.20 | G           | G | L    |
| LC 042E 17       |                  |      |                          |      |               |      |                            |       | 2.250       | 57.15 | 9.00        | 0.160 | 0.769        | 19.53 | G           | G | L    |
| LC 042E 18       |                  |      |                          |      |               |      |                            |       | 2.500       | 63.50 | 8.25        | 0.147 | 0.850        | 21.59 | G           | G | L    |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

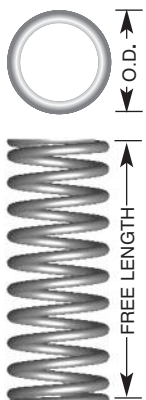
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|------|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM   | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 045E 01       | .360             | 9.15 | .375                     | 9.53 | .045          | 1.14 | 16.500                     | 7.484 | 0.438       | 11.13 | 75.00       | 1.339 | 0.215        | 5.46  | F           | F              | K             |
| LC 045E 02       |                  |      |                          |      |               |      |                            |       | 0.500       | 12.70 | 65.00       | 1.159 | 0.232        | 5.89  | F           | F              | K             |
| LC 045E 03       |                  |      |                          |      |               |      |                            |       | 0.563       | 14.30 | 55.00       | 0.981 | 0.260        | 6.60  | F           | F              | K             |
| LC 045E 04       |                  |      |                          |      |               |      |                            |       | 0.625       | 15.88 | 49.00       | 0.874 | 0.271        | 6.88  | F           | F              | K             |
| LC 045E 05       |                  |      |                          |      |               |      |                            |       | 0.688       | 17.48 | 44.00       | 0.784 | 0.294        | 7.47  | F           | F              | K             |
| LC 045E 06       |                  |      |                          |      |               |      |                            |       | 0.750       | 19.05 | 40.00       | 0.713 | 0.316        | 8.03  | F           | F              | K             |
| LC 045E 07       |                  |      |                          |      |               |      |                            |       | 0.813       | 20.65 | 37.00       | 0.661 | 0.339        | 8.61  | F           | F              | K             |
| LC 045E 08       |                  |      |                          |      |               |      |                            |       | 0.875       | 22.23 | 33.00       | 0.588 | 0.361        | 9.17  | F           | F              | K             |
| LC 045E 09       |                  |      |                          |      |               |      |                            |       | 0.938       | 23.83 | 30.00       | 0.535 | 0.395        | 10.03 | F           | F              | K             |
| LC 045E 10       |                  |      |                          |      |               |      |                            |       | 1.000       | 25.40 | 28.00       | 0.499 | 0.417        | 10.59 | F           | F              | K             |
| LC 045E 11       |                  |      |                          |      |               |      |                            |       | 1.125       | 28.58 | 25.00       | 0.446 | 0.451        | 11.46 | F           | F              | K             |
| LC 045E 12       |                  |      |                          |      |               |      |                            |       | 1.250       | 31.75 | 22.00       | 0.392 | 0.512        | 13.00 | F           | F              | K             |
| LC 045E 13       |                  |      |                          |      |               |      |                            |       | 1.375       | 34.93 | 20.00       | 0.357 | 0.541        | 13.74 | F           | F              | K             |
| LC 045E 14       |                  |      |                          |      |               |      |                            |       | 1.500       | 38.10 | 18.00       | 0.321 | 0.586        | 14.88 | F           | F              | K             |
| LC 045E 15       |                  |      |                          |      |               |      |                            |       | 1.750       | 44.45 | 15.50       | 0.276 | 0.681        | 17.30 | G           | G              | L             |
| LC 045E 16       |                  |      |                          |      |               |      |                            |       | 2.000       | 50.80 | 13.30       | 0.237 | 0.762        | 19.35 | G           | G              | L             |
| LC 045E 17       |                  |      |                          |      |               |      |                            |       | 2.250       | 57.15 | 11.80       | 0.210 | 0.851        | 21.62 | G           | G              | L             |
| LC 045E 18       |                  |      |                          |      |               |      |                            |       | 2.500       | 63.50 | 10.60       | 0.189 | 0.945        | 24.00 | G           | G              | L             |
| LC 045E 19       |                  |      |                          |      |               |      |                            |       | 2.750       | 69.85 | 9.37        | 0.167 | 1.045        | 26.54 | G           | G              | L             |
| LC 047E 01       | .360             | 9.15 | .375                     | 9.53 | .047          | 1.19 | 20.800                     | 9.430 | 0.438       | 11.13 | 93.00       | 1.660 | 0.221        | 5.62  | F           | F              | K             |
| LC 047E 02       |                  |      |                          |      |               |      |                            |       | 0.500       | 12.70 | 78.80       | 1.407 | 0.243        | 6.18  | F           | F              | K             |
| LC 047E 03       |                  |      |                          |      |               |      |                            |       | 0.563       | 14.30 | 68.20       | 1.218 | 0.266        | 6.76  | F           | F              | K             |
| LC 047E 04       |                  |      |                          |      |               |      |                            |       | 0.625       | 15.88 | 60.20       | 1.076 | 0.289        | 7.33  | F           | F              | K             |
| LC 047E 05       |                  |      |                          |      |               |      |                            |       | 0.688       | 17.48 | 53.80       | 0.962 | 0.311        | 7.91  | F           | F              | K             |
| LC 047E 06       |                  |      |                          |      |               |      |                            |       | 0.750       | 19.05 | 48.80       | 0.871 | 0.334        | 8.48  | F           | F              | K             |
| LC 047E 07       |                  |      |                          |      |               |      |                            |       | 0.813       | 20.65 | 44.50       | 0.794 | 0.357        | 9.06  | F           | F              | K             |
| LC 047E 08       |                  |      |                          |      |               |      |                            |       | 0.875       | 22.23 | 41.00       | 0.731 | 0.379        | 9.63  | F           | F              | K             |
| LC 047E 09       |                  |      |                          |      |               |      |                            |       | 0.938       | 23.83 | 37.90       | 0.677 | 0.402        | 10.20 | F           | F              | K             |
| LC 047E 10       |                  |      |                          |      |               |      |                            |       | 1.000       | 25.40 | 35.30       | 0.630 | 0.424        | 10.77 | F           | F              | K             |
| LC 047E 11       |                  |      |                          |      |               |      |                            |       | 1.125       | 28.58 | 31.00       | 0.554 | 0.469        | 11.92 | F           | F              | K             |
| LC 047E 12       |                  |      |                          |      |               |      |                            |       | 1.250       | 31.75 | 27.70       | 0.494 | 0.514        | 13.07 | G           | G              | L             |
| LC 047E 13       |                  |      |                          |      |               |      |                            |       | 1.375       | 34.93 | 25.00       | 0.446 | 0.560        | 14.21 | G           | G              | L             |
| LC 047E 14       |                  |      |                          |      |               |      |                            |       | 1.500       | 38.10 | 22.70       | 0.406 | 0.605        | 15.36 | G           | G              | L             |
| LC 047E 15       |                  |      |                          |      |               |      |                            |       | 1.750       | 44.45 | 19.30       | 0.345 | 0.695        | 17.66 | G           | G              | L             |
| LC 047E 16       |                  |      |                          |      |               |      |                            |       | 2.000       | 50.80 | 16.80       | 0.300 | 0.785        | 19.95 | J           | J              | M             |
| LC 047E 17       |                  |      |                          |      |               |      |                            |       | 2.250       | 57.15 | 14.80       | 0.265 | 0.876        | 22.24 | J           | J              | M             |
| LC 047E 18       |                  |      |                          |      |               |      |                            |       | 2.500       | 63.50 | 13.30       | 0.237 | 0.966        | 24.54 | J           | J              | M             |
| LC 047E 19       |                  |      |                          |      |               |      |                            |       | 2.750       | 69.85 | 12.00       | 0.215 | 1.056        | 26.83 | K           | L              | P             |
| LC 047E 20       |                  |      |                          |      |               |      |                            |       | 3.000       | 76.20 | 11.00       | 0.197 | 1.147        | 29.13 | K           | L              | P             |
| LC 047E 21       |                  |      |                          |      |               |      |                            |       | 3.250       | 82.55 | 10.10       | 0.180 | 1.241        | 31.52 | K           | M              | R             |
| LC 047E 22       |                  |      |                          |      |               |      |                            |       | 3.500       | 88.90 | 9.40        | 0.168 | 1.326        | 33.68 | K           | M              | R             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM   | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 049E 01       | .360             | 9.15 | .375                     | 9.53 | .049          | 1.24 | 23.000                     | 10.430 | 0.438       | 11.13 | 109.10      | 1.948 | 0.234        | 5.94  | F           | F              | K             |
| LC 049E 02       |                  |      |                          |      |               |      |                            |        | 0.500       | 12.70 | 92.20       | 1.647 | 0.258        | 6.56  | F           | F              | K             |
| LC 049E 03       |                  |      |                          |      |               |      |                            |        | 0.563       | 14.30 | 79.90       | 1.427 | 0.282        | 7.17  | F           | F              | K             |
| LC 049E 04       |                  |      |                          |      |               |      |                            |        | 0.625       | 15.88 | 70.40       | 1.257 | 0.307        | 7.80  | F           | F              | K             |
| LC 049E 05       |                  |      |                          |      |               |      |                            |        | 0.688       | 17.48 | 63.00       | 1.124 | 0.331        | 8.42  | F           | F              | K             |
| LC 049E 06       |                  |      |                          |      |               |      |                            |        | 0.750       | 19.05 | 56.90       | 1.016 | 0.356        | 9.04  | F           | F              | K             |
| LC 049E 07       |                  |      |                          |      |               |      |                            |        | 0.813       | 20.65 | 51.90       | 0.928 | 0.380        | 9.66  | F           | F              | K             |
| LC 049E 08       |                  |      |                          |      |               |      |                            |        | 0.875       | 22.23 | 47.70       | 0.852 | 0.405        | 10.29 | F           | F              | K             |
| LC 049E 09       |                  |      |                          |      |               |      |                            |        | 1.000       | 25.40 | 41.10       | 0.734 | 0.454        | 11.53 | F           | F              | K             |
| LC 049E 10       |                  |      |                          |      |               |      |                            |        | 1.125       | 28.58 | 36.10       | 0.645 | 0.503        | 12.77 | G           | G              | L             |
| LC 049E 11       |                  |      |                          |      |               |      |                            |        | 1.250       | 31.75 | 32.20       | 0.575 | 0.552        | 14.01 | G           | G              | L             |
| LC 049E 12       |                  |      |                          |      |               |      |                            |        | 1.375       | 34.93 | 29.00       | 0.519 | 0.601        | 15.25 | G           | G              | L             |
| LC 049E 13       |                  |      |                          |      |               |      |                            |        | 1.500       | 38.10 | 26.50       | 0.472 | 0.649        | 16.50 | G           | G              | L             |
| LC 049E 14       |                  |      |                          |      |               |      |                            |        | 1.750       | 44.45 | 22.40       | 0.401 | 0.747        | 18.98 | J           | J              | M             |
| LC 049E 15       |                  |      |                          |      |               |      |                            |        | 2.000       | 50.80 | 19.50       | 0.348 | 0.845        | 21.47 | J           | J              | M             |
| LC 049E 16       |                  |      |                          |      |               |      |                            |        | 2.250       | 57.15 | 17.20       | 0.308 | 0.943        | 23.95 | J           | J              | M             |
| LC 049E 17       |                  |      |                          |      |               |      |                            |        | 2.500       | 63.50 | 15.40       | 0.276 | 1.041        | 26.43 | J           | K              | N             |
| LC 049E 18       |                  |      |                          |      |               |      |                            |        | 2.750       | 69.85 | 14.00       | 0.250 | 1.139        | 28.92 | K           | M              | R             |
| LC 049E 19       |                  |      |                          |      |               |      |                            |        | 3.000       | 76.20 | 12.80       | 0.228 | 1.236        | 31.40 | K           | M              | R             |
| LC 049E 20       |                  |      |                          |      |               |      |                            |        | 3.250       | 82.55 | 11.80       | 0.211 | 1.330        | 33.79 | K           | M              | R             |
| LC 049E 21       |                  |      |                          |      |               |      |                            |        | 3.500       | 88.90 | 10.90       | 0.195 | 1.432        | 36.37 | K           | M              | R             |
| LC 051E 01       | .360             | 9.15 | .375                     | 9.53 | .051          | 1.30 | 25.500                     | 11.570 | 0.438       | 11.13 | 127.71      | 2.281 | 0.246        | 6.26  | F           | F              | K             |
| LC 051E 02       |                  |      |                          |      |               |      |                            |        | 0.500       | 12.70 | 107.82      | 1.925 | 0.272        | 6.92  | F           | F              | K             |
| LC 051E 03       |                  |      |                          |      |               |      |                            |        | 0.563       | 14.30 | 93.28       | 1.666 | 0.298        | 7.58  | F           | F              | K             |
| LC 051E 04       |                  |      |                          |      |               |      |                            |        | 0.625       | 15.88 | 82.05       | 1.465 | 0.325        | 8.25  | F           | F              | K             |
| LC 051E 05       |                  |      |                          |      |               |      |                            |        | 0.688       | 17.48 | 73.35       | 1.310 | 0.351        | 8.91  | F           | F              | K             |
| LC 051E 06       |                  |      |                          |      |               |      |                            |        | 0.750       | 19.05 | 66.22       | 1.183 | 0.377        | 9.59  | F           | F              | K             |
| LC 051E 07       |                  |      |                          |      |               |      |                            |        | 0.813       | 20.65 | 60.44       | 1.079 | 0.403        | 10.25 | F           | F              | K             |
| LC 051E 08       |                  |      |                          |      |               |      |                            |        | 0.875       | 22.23 | 55.51       | 0.991 | 0.430        | 10.92 | F           | F              | K             |
| LC 051E 09       |                  |      |                          |      |               |      |                            |        | 1.000       | 25.40 | 47.78       | 0.853 | 0.482        | 12.25 | F           | F              | K             |
| LC 051E 10       |                  |      |                          |      |               |      |                            |        | 1.125       | 28.58 | 41.95       | 0.749 | 0.535        | 13.59 | G           | G              | L             |
| LC 051E 11       |                  |      |                          |      |               |      |                            |        | 1.250       | 31.75 | 37.38       | 0.668 | 0.587        | 14.92 | G           | G              | L             |
| LC 051E 12       |                  |      |                          |      |               |      |                            |        | 1.375       | 34.93 | 33.71       | 0.602 | 0.640        | 16.26 | G           | G              | L             |
| LC 051E 13       |                  |      |                          |      |               |      |                            |        | 1.500       | 38.10 | 30.69       | 0.548 | 0.693        | 17.59 | G           | G              | L             |
| LC 051E 14       |                  |      |                          |      |               |      |                            |        | 1.750       | 44.45 | 26.04       | 0.465 | 0.798        | 20.26 | J           | J              | M             |
| LC 051E 15       |                  |      |                          |      |               |      |                            |        | 2.000       | 50.80 | 22.61       | 0.404 | 0.903        | 22.93 | J           | J              | M             |
| LC 051E 16       |                  |      |                          |      |               |      |                            |        | 2.250       | 57.15 | 19.98       | 0.357 | 1.008        | 25.60 | J           | J              | M             |
| LC 051E 17       |                  |      |                          |      |               |      |                            |        | 2.500       | 63.50 | 17.89       | 0.320 | 1.113        | 28.27 | J           | J              | M             |
| LC 051E 18       |                  |      |                          |      |               |      |                            |        | 2.750       | 69.85 | 16.20       | 0.289 | 1.218        | 30.93 | K           | M              | R             |
| LC 051E 19       |                  |      |                          |      |               |      |                            |        | 3.000       | 76.20 | 14.81       | 0.264 | 1.323        | 33.60 | K           | M              | R             |
| LC 051E 20       |                  |      |                          |      |               |      |                            |        | 3.250       | 82.55 | 13.60       | 0.243 | 1.434        | 36.41 | K           | M              | R             |
| LC 051E 21       |                  |      |                          |      |               |      |                            |        | 3.500       | 88.90 | 12.60       | 0.225 | 1.539        | 39.09 | K           | M              | R             |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

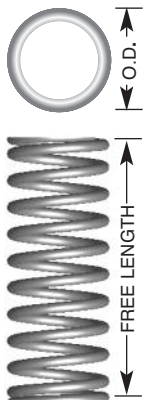
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|------|---------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM   | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 055E 01       | .360             | 9.15 | .375                     | 9.53 | .055          | 1.40 | 30.750                     | 13.950 | 0.438       | 11.13 | 174.90      | 3.123 | 0.270        | 6.86  | F           | F              | K             |
| LC 055E 02       |                  |      |                          |      |               |      |                            |        | 0.500       | 12.70 | 147.10      | 2.626 | 0.300        | 7.61  | F           | F              | K             |
| LC 055E 03       |                  |      |                          |      |               |      |                            |        | 0.563       | 14.30 | 126.90      | 2.266 | 0.329        | 8.36  | F           | F              | K             |
| LC 055E 04       |                  |      |                          |      |               |      |                            |        | 0.625       | 15.88 | 111.40      | 1.989 | 0.359        | 9.13  | F           | F              | K             |
| LC 055E 05       |                  |      |                          |      |               |      |                            |        | 0.688       | 17.48 | 99.40       | 1.775 | 0.389        | 9.88  | F           | F              | K             |
| LC 055E 06       |                  |      |                          |      |               |      |                            |        | 0.750       | 19.05 | 89.60       | 1.600 | 0.419        | 10.65 | F           | F              | K             |
| LC 055E 07       |                  |      |                          |      |               |      |                            |        | 0.813       | 20.65 | 81.70       | 1.459 | 0.449        | 11.40 | F           | F              | K             |
| LC 055E 08       |                  |      |                          |      |               |      |                            |        | 0.875       | 22.23 | 75.00       | 1.339 | 0.479        | 12.16 | F           | F              | K             |
| LC 055E 09       |                  |      |                          |      |               |      |                            |        | 1.000       | 25.40 | 64.40       | 1.151 | 0.539        | 13.68 | F           | F              | K             |
| LC 055E 10       |                  |      |                          |      |               |      |                            |        | 1.125       | 28.58 | 56.50       | 1.009 | 0.598        | 15.20 | G           | G              | L             |
| LC 055E 11       |                  |      |                          |      |               |      |                            |        | 1.250       | 31.75 | 50.30       | 0.898 | 0.658        | 16.71 | G           | G              | L             |
| LC 055E 12       |                  |      |                          |      |               |      |                            |        | 1.375       | 34.93 | 45.30       | 0.810 | 0.718        | 18.23 | G           | G              | L             |
| LC 055E 13       |                  |      |                          |      |               |      |                            |        | 1.500       | 38.10 | 41.30       | 0.737 | 0.777        | 19.75 | G           | G              | L             |
| LC 055E 14       |                  |      |                          |      |               |      |                            |        | 1.750       | 44.45 | 35.00       | 0.625 | 0.897        | 22.78 | J           | J              | M             |
| LC 055E 15       |                  |      |                          |      |               |      |                            |        | 2.000       | 50.80 | 30.30       | 0.542 | 1.016        | 25.82 | J           | J              | M             |
| LC 055E 16       |                  |      |                          |      |               |      |                            |        | 2.250       | 57.15 | 26.80       | 0.479 | 1.136        | 28.85 | J           | K              | N             |
| LC 055E 17       |                  |      |                          |      |               |      |                            |        | 2.500       | 63.50 | 24.00       | 0.429 | 1.255        | 31.88 | J           | K              | N             |
| LC 055E 18       |                  |      |                          |      |               |      |                            |        | 2.750       | 69.85 | 21.70       | 0.388 | 1.375        | 34.92 | K           | M              | R             |
| LC 055E 19       |                  |      |                          |      |               |      |                            |        | 3.000       | 76.20 | 19.80       | 0.354 | 1.494        | 37.95 | K           | M              | R             |
| LC 055E 20       |                  |      |                          |      |               |      |                            |        | 3.250       | 82.55 | 18.50       | 0.330 | 1.595        | 40.51 | K           | M              | R             |
| LC 055E 21       |                  |      |                          |      |               |      |                            |        | 3.500       | 88.90 | 17.10       | 0.305 | 1.716        | 43.59 | K           | M              | R             |
| LC 059E 01       | .360             | 9.15 | .375                     | 9.53 | .059          | 1.50 | 35.050                     | 15.900 | 0.438       | 11.13 | 232.19      | 4.146 | 0.296        | 7.51  | G           | G              | L             |
| LC 059E 02       |                  |      |                          |      |               |      |                            |        | 0.500       | 12.70 | 194.50      | 3.473 | 0.329        | 8.37  | G           | G              | L             |
| LC 059E 03       |                  |      |                          |      |               |      |                            |        | 0.563       | 14.30 | 167.34      | 2.988 | 0.363        | 9.22  | G           | G              | L             |
| LC 059E 04       |                  |      |                          |      |               |      |                            |        | 0.625       | 15.88 | 146.55      | 2.617 | 0.397        | 10.09 | G           | G              | L             |
| LC 059E 05       |                  |      |                          |      |               |      |                            |        | 0.688       | 17.48 | 130.58      | 2.332 | 0.431        | 10.95 | G           | G              | L             |
| LC 059E 06       |                  |      |                          |      |               |      |                            |        | 0.750       | 19.05 | 117.56      | 2.099 | 0.465        | 11.82 | G           | G              | L             |
| LC 059E 07       |                  |      |                          |      |               |      |                            |        | 0.813       | 20.65 | 107.06      | 1.912 | 0.499        | 12.68 | G           | G              | L             |
| LC 059E 08       |                  |      |                          |      |               |      |                            |        | 0.875       | 22.23 | 98.15       | 1.753 | 0.533        | 13.55 | G           | G              | L             |
| LC 059E 09       |                  |      |                          |      |               |      |                            |        | 1.000       | 25.40 | 84.24       | 1.504 | 0.601        | 15.28 | G           | G              | L             |
| LC 059E 10       |                  |      |                          |      |               |      |                            |        | 1.125       | 28.58 | 73.78       | 1.318 | 0.669        | 17.00 | J           | J              | M             |
| LC 059E 11       |                  |      |                          |      |               |      |                            |        | 1.250       | 31.75 | 65.64       | 1.172 | 0.737        | 18.73 | J           | J              | M             |
| LC 059E 12       |                  |      |                          |      |               |      |                            |        | 1.375       | 34.93 | 59.11       | 1.056 | 0.805        | 20.46 | J           | J              | M             |
| LC 059E 13       |                  |      |                          |      |               |      |                            |        | 1.500       | 38.10 | 53.76       | 0.960 | 0.873        | 22.18 | J           | J              | M             |
| LC 059E 14       |                  |      |                          |      |               |      |                            |        | 1.750       | 44.45 | 45.53       | 0.813 | 1.009        | 25.64 | J           | J              | M             |
| LC 059E 15       |                  |      |                          |      |               |      |                            |        | 2.000       | 50.80 | 39.48       | 0.705 | 1.145        | 29.09 | J           | J              | M             |
| LC 059E 16       |                  |      |                          |      |               |      |                            |        | 2.250       | 57.15 | 34.85       | 0.622 | 1.281        | 32.55 | K           | L              | P             |
| LC 059E 17       |                  |      |                          |      |               |      |                            |        | 2.500       | 63.50 | 31.19       | 0.557 | 1.417        | 36.00 | K           | L              | P             |
| LC 059E 18       |                  |      |                          |      |               |      |                            |        | 2.750       | 69.85 | 28.23       | 0.504 | 1.553        | 39.46 | L           | M              | R             |
| LC 059E 19       |                  |      |                          |      |               |      |                            |        | 3.000       | 76.20 | 25.78       | 0.460 | 1.689        | 42.91 | L           | M              | R             |
| LC 059E 20       |                  |      |                          |      |               |      |                            |        | 3.250       | 82.55 | 23.70       | 0.423 | 1.831        | 46.50 | L           | M              | R             |
| LC 059E 21       |                  |      |                          |      |               |      |                            |        | 3.500       | 88.90 | 21.80       | 0.389 | 1.979        | 50.28 | L           | M              | R             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | WIRE DIAMETER |     | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |   |      |
|------------------|------------------|------|--------------------------|------|---------------|-----|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|---|------|
|                  | IN.              | MM   | IN.                      | MM   | IN.           | MM  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | M           | S | S316 |
| LC 026EE 01      | .375             | 9.53 | .391                     | 9.92 | .026          | .66 | 2.353                      | 1.067 | 0.500       | 12.70 | 6.24        | 0.111 | 0.123        | 3.12  | F           | F | K    |
| LC 026EE 02      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 5.47        | 0.098 | 0.133        | 3.37  | F           | F | K    |
| LC 026EE 03      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 4.88        | 0.087 | 0.142        | 3.61  | F           | F | K    |
| LC 026EE 04      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 4.39        | 0.078 | 0.152        | 3.86  | F           | F | K    |
| LC 026EE 05      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 4.00        | 0.071 | 0.161        | 4.10  | F           | F | K    |
| LC 026EE 06      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 3.67        | 0.066 | 0.171        | 4.35  | F           | F | K    |
| LC 026EE 07      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 3.40        | 0.061 | 0.181        | 4.59  | F           | F | K    |
| LC 026EE 08      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 3.15        | 0.056 | 0.190        | 4.84  | F           | F | K    |
| LC 026EE 09      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 2.95        | 0.053 | 0.200        | 5.08  | F           | F | K    |
| LC 026EE 10      |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 2.60        | 0.047 | 0.219        | 5.57  | F           | F | K    |
| LC 026EE 11      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 2.33        | 0.042 | 0.239        | 6.06  | F           | F | K    |
| LC 026EE 12      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 1.93        | 0.034 | 0.277        | 7.04  | F           | F | K    |
| LC 026EE 13      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 1.65        | 0.029 | 0.316        | 8.03  | F           | F | K    |
| LC 026EE 14      |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 1.43        | 0.026 | 0.355        | 9.01  | F           | F | K    |
| LC 026EE 15      |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 1.27        | 0.023 | 0.393        | 9.99  | G           | G | L    |
| LC 032EE 01      | .375             | 9.53 | .391                     | 9.92 | .032          | .81 | 3.808                      | 1.727 | 0.375       | 9.53  | 16.48       | 0.294 | 0.144        | 3.66  | F           | F | K    |
| LC 032EE 02      |                  |      |                          |      |               |     |                            |       | 0.500       | 12.70 | 11.75       | 0.210 | 0.175        | 4.45  | F           | F | K    |
| LC 032EE 03      |                  |      |                          |      |               |     |                            |       | 0.563       | 14.30 | 10.27       | 0.183 | 0.191        | 4.85  | F           | F | K    |
| LC 032EE 04      |                  |      |                          |      |               |     |                            |       | 0.625       | 15.88 | 9.13        | 0.163 | 0.207        | 5.25  | F           | F | K    |
| LC 032EE 05      |                  |      |                          |      |               |     |                            |       | 0.688       | 17.48 | 8.21        | 0.147 | 0.222        | 5.65  | F           | F | K    |
| LC 032EE 06      |                  |      |                          |      |               |     |                            |       | 0.750       | 19.05 | 7.47        | 0.133 | 0.238        | 6.04  | F           | F | K    |
| LC 032EE 07      |                  |      |                          |      |               |     |                            |       | 0.813       | 20.65 | 6.84        | 0.122 | 0.254        | 6.44  | F           | F | K    |
| LC 032EE 08      |                  |      |                          |      |               |     |                            |       | 0.875       | 22.23 | 6.32        | 0.113 | 0.269        | 6.84  | F           | F | K    |
| LC 032EE 09      |                  |      |                          |      |               |     |                            |       | 0.938       | 23.83 | 5.86        | 0.105 | 0.285        | 7.24  | F           | F | K    |
| LC 032EE 10      |                  |      |                          |      |               |     |                            |       | 1.000       | 25.40 | 5.47        | 0.098 | 0.301        | 7.64  | F           | F | K    |
| LC 032EE 11      |                  |      |                          |      |               |     |                            |       | 1.125       | 28.58 | 4.83        | 0.086 | 0.332        | 8.43  | F           | F | K    |
| LC 032EE 12      |                  |      |                          |      |               |     |                            |       | 1.250       | 31.75 | 4.32        | 0.077 | 0.363        | 9.23  | F           | F | K    |
| LC 032EE 13      |                  |      |                          |      |               |     |                            |       | 1.375       | 34.93 | 3.91        | 0.070 | 0.395        | 10.02 | F           | F | K    |
| LC 032EE 14      |                  |      |                          |      |               |     |                            |       | 1.500       | 38.10 | 3.57        | 0.064 | 0.426        | 10.82 | F           | F | K    |
| LC 032EE 15      |                  |      |                          |      |               |     |                            |       | 1.750       | 44.45 | 3.04        | 0.054 | 0.489        | 12.41 | F           | F | K    |
| LC 032EE 16      |                  |      |                          |      |               |     |                            |       | 2.000       | 50.80 | 2.65        | 0.047 | 0.551        | 14.00 | G           | G | L    |
| LC 032EE 17      |                  |      |                          |      |               |     |                            |       | 2.250       | 57.15 | 2.34        | 0.042 | 0.614        | 15.59 | G           | G | L    |
| LC 032EE 18      |                  |      |                          |      |               |     |                            |       | 2.500       | 63.50 | 2.10        | 0.038 | 0.677        | 17.19 | G           | G | L    |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

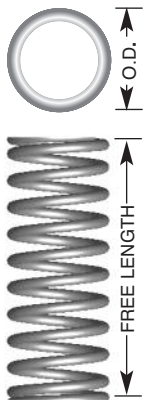
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|------|--------------------------|-------|---------------|------|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM   | IN.                      | MM    | IN.           | MM   | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 035EE 01      | .375             | 9.53 | .391                     | 9.92  | .035          | .89  | 4.483                      | 2.034 | 0.438       | 11.13 | 17.90       | 0.320 | 0.187        | 4.76  | F           | F              | K             |
| LC 035EE 02      |                  |      |                          |       |               |      |                            |       | 0.500       | 12.70 | 15.32       | 0.273 | 0.207        | 5.26  | F           | F              | K             |
| LC 035EE 03      |                  |      |                          |       |               |      |                            |       | 0.563       | 14.30 | 13.36       | 0.239 | 0.227        | 5.76  | F           | F              | K             |
| LC 035EE 04      |                  |      |                          |       |               |      |                            |       | 0.625       | 15.88 | 11.87       | 0.212 | 0.246        | 6.25  | F           | F              | K             |
| LC 035EE 05      |                  |      |                          |       |               |      |                            |       | 0.688       | 17.48 | 10.66       | 0.190 | 0.266        | 6.75  | F           | F              | K             |
| LC 035EE 06      |                  |      |                          |       |               |      |                            |       | 0.750       | 19.05 | 9.68        | 0.173 | 0.285        | 7.25  | F           | F              | K             |
| LC 035EE 07      |                  |      |                          |       |               |      |                            |       | 0.813       | 20.65 | 8.86        | 0.158 | 0.305        | 7.75  | F           | F              | K             |
| LC 035EE 08      |                  |      |                          |       |               |      |                            |       | 0.875       | 22.23 | 8.18        | 0.146 | 0.324        | 8.24  | F           | F              | K             |
| LC 035EE 09      |                  |      |                          |       |               |      |                            |       | 0.938       | 23.83 | 7.59        | 0.135 | 0.344        | 8.74  | F           | F              | K             |
| LC 035EE 10      |                  |      |                          |       |               |      |                            |       | 1.000       | 25.40 | 7.08        | 0.126 | 0.364        | 9.24  | F           | F              | K             |
| LC 035EE 11      |                  |      |                          |       |               |      |                            |       | 1.125       | 28.58 | 6.24        | 0.111 | 0.403        | 10.23 | F           | F              | K             |
| LC 035EE 12      |                  |      |                          |       |               |      |                            |       | 1.250       | 31.75 | 5.58        | 0.100 | 0.442        | 11.23 | F           | F              | K             |
| LC 035EE 13      |                  |      |                          |       |               |      |                            |       | 1.375       | 34.93 | 5.05        | 0.090 | 0.481        | 12.22 | F           | F              | K             |
| LC 035EE 14      |                  |      |                          |       |               |      |                            |       | 1.500       | 38.10 | 4.61        | 0.082 | 0.520        | 13.22 | F           | F              | K             |
| LC 035EE 15      |                  |      |                          |       |               |      |                            |       | 1.750       | 44.45 | 3.92        | 0.070 | 0.599        | 15.21 | G           | G              | L             |
| LC 035EE 16      |                  |      |                          |       |               |      |                            |       | 2.000       | 50.80 | 3.41        | 0.061 | 0.677        | 17.20 | G           | G              | L             |
| LC 035EE 17      |                  |      |                          |       |               |      |                            |       | 2.250       | 57.15 | 3.02        | 0.054 | 0.756        | 19.19 | G           | G              | L             |
| LC 035EE 18      |                  |      |                          |       |               |      |                            |       | 2.500       | 63.50 | 2.71        | 0.048 | 0.834        | 21.18 | G           | G              | L             |
| LC 043EF 01      | .390             | 9.91 | .406                     | 10.31 | .043          | 1.09 | 11.000                     | 4.982 | 0.500       | 12.70 | 38.00       | 0.678 | 0.224        | 5.69  | G           | G              | L             |
| LC 043EF 02      |                  |      |                          |       |               |      |                            |       | 0.563       | 14.30 | 33.00       | 0.588 | 0.245        | 6.22  | G           | G              | L             |
| LC 043EF 03      |                  |      |                          |       |               |      |                            |       | 0.625       | 15.88 | 28.50       | 0.508 | 0.267        | 6.78  | G           | G              | L             |
| LC 043EF 04      |                  |      |                          |       |               |      |                            |       | 0.688       | 17.48 | 26.00       | 0.464 | 0.288        | 7.32  | G           | G              | L             |
| LC 043EF 05      |                  |      |                          |       |               |      |                            |       | 0.750       | 19.05 | 24.00       | 0.428 | 0.310        | 7.87  | G           | G              | L             |
| LC 043EF 06      |                  |      |                          |       |               |      |                            |       | 0.813       | 20.65 | 22.00       | 0.392 | 0.327        | 8.30  | G           | G              | L             |
| LC 043EF 07      |                  |      |                          |       |               |      |                            |       | 0.875       | 22.23 | 20.00       | 0.357 | 0.348        | 8.84  | G           | G              | L             |
| LC 043EF 08      |                  |      |                          |       |               |      |                            |       | 0.938       | 23.83 | 18.25       | 0.325 | 0.370        | 9.40  | G           | G              | L             |
| LC 043EF 09      |                  |      |                          |       |               |      |                            |       | 1.000       | 25.40 | 17.00       | 0.303 | 0.391        | 9.93  | G           | G              | L             |
| LC 043EF 10      |                  |      |                          |       |               |      |                            |       | 1.125       | 28.58 | 15.00       | 0.267 | 0.435        | 11.05 | G           | G              | L             |
| LC 043EF 11      |                  |      |                          |       |               |      |                            |       | 1.250       | 31.75 | 13.50       | 0.241 | 0.473        | 12.01 | G           | G              | L             |
| LC 043EF 12      |                  |      |                          |       |               |      |                            |       | 1.375       | 34.93 | 12.25       | 0.218 | 0.516        | 13.11 | G           | G              | L             |
| LC 043EF 13      |                  |      |                          |       |               |      |                            |       | 1.500       | 38.10 | 11.25       | 0.200 | 0.559        | 14.20 | G           | G              | L             |
| LC 043EF 14      |                  |      |                          |       |               |      |                            |       | 1.750       | 44.45 | 9.60        | 0.171 | 0.640        | 16.26 | G           | G              | L             |
| LC 043EF 15      |                  |      |                          |       |               |      |                            |       | 2.000       | 50.80 | 8.35        | 0.149 | 0.718        | 18.24 | G           | G              | L             |
| LC 047EF 01      | .390             | 9.91 | .406                     | 10.31 | .047          | 1.19 | 14.000                     | 6.340 | 0.500       | 12.70 | 55.00       | 0.981 | 0.249        | 6.32  | G           | G              | L             |
| LC 047EF 02      |                  |      |                          |       |               |      |                            |       | 0.563       | 14.30 | 47.50       | 0.847 | 0.273        | 6.93  | G           | G              | L             |
| LC 047EF 03      |                  |      |                          |       |               |      |                            |       | 0.625       | 15.88 | 42.00       | 0.749 | 0.296        | 7.52  | G           | G              | L             |
| LC 047EF 04      |                  |      |                          |       |               |      |                            |       | 0.688       | 17.48 | 38.00       | 0.678 | 0.320        | 8.13  | G           | G              | L             |
| LC 047EF 05      |                  |      |                          |       |               |      |                            |       | 0.750       | 19.05 | 34.50       | 0.615 | 0.343        | 8.71  | G           | G              | L             |
| LC 047EF 06      |                  |      |                          |       |               |      |                            |       | 0.813       | 20.65 | 31.50       | 0.562 | 0.366        | 9.30  | G           | G              | L             |
| LC 047EF 07      |                  |      |                          |       |               |      |                            |       | 0.875       | 22.23 | 28.50       | 0.508 | 0.395        | 10.03 | G           | G              | L             |
| LC 047EF 08      |                  |      |                          |       |               |      |                            |       | 0.938       | 23.83 | 26.50       | 0.472 | 0.418        | 10.62 | G           | G              | L             |
| LC 047EF 09      |                  |      |                          |       |               |      |                            |       | 1.000       | 25.40 | 25.00       | 0.446 | 0.442        | 11.23 | G           | G              | L             |
| LC 047EF 10      |                  |      |                          |       |               |      |                            |       | 1.125       | 28.58 | 22.00       | 0.392 | 0.489        | 12.42 | G           | G              | L             |
| LC 047EF 11      |                  |      |                          |       |               |      |                            |       | 1.250       | 31.75 | 19.30       | 0.344 | 0.536        | 13.61 | G           | G              | L             |
| LC 047EF 12      |                  |      |                          |       |               |      |                            |       | 1.375       | 34.93 | 17.50       | 0.312 | 0.583        | 14.81 | G           | G              | L             |
| LC 047EF 13      |                  |      |                          |       |               |      |                            |       | 1.500       | 38.10 | 16.00       | 0.285 | 0.630        | 16.00 | G           | G              | L             |
| LC 047EF 14      |                  |      |                          |       |               |      |                            |       | 1.750       | 44.45 | 13.60       | 0.242 | 0.729        | 18.52 | G           | G              | L             |
| LC 047EF 15      |                  |      |                          |       |               |      |                            |       | 2.000       | 50.80 | 11.70       | 0.209 | 0.832        | 21.13 | G           | G              | L             |



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG    | IN.         | MM    | LB./IN.     | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 035F 01       | .420             | 10.67 | .438                     | 11.13 | .035          | .89  | 6.200                      | 2.810 | 0.500       | 12.70 | 17.70       | 0.316 | 0.158        | 4.01  | F           | F              | K             |
| LC 035F 02       |                  |       |                          |       |               |      |                            |       | 0.625       | 15.88 | 13.70       | 0.245 | 0.181        | 4.60  | F           | F              | K             |
| LC 035F 03       |                  |       |                          |       |               |      |                            |       | 0.750       | 19.05 | 11.20       | 0.200 | 0.203        | 5.16  | F           | F              | K             |
| LC 035F 04       |                  |       |                          |       |               |      |                            |       | 0.875       | 22.23 | 9.50        | 0.170 | 0.225        | 5.72  | F           | F              | K             |
| LC 035F 05       |                  |       |                          |       |               |      |                            |       | 1.000       | 25.40 | 8.20        | 0.146 | 0.249        | 6.32  | F           | F              | K             |
| LC 035F 06       |                  |       |                          |       |               |      |                            |       | 1.250       | 31.75 | 6.50        | 0.116 | 0.293        | 7.44  | F           | F              | K             |
| LC 035F 07       |                  |       |                          |       |               |      |                            |       | 1.500       | 38.10 | 5.30        | 0.095 | 0.341        | 8.66  | F           | F              | K             |
| LC 035F 08       |                  |       |                          |       |               |      |                            |       | 1.750       | 44.45 | 4.60        | 0.082 | 0.380        | 9.65  | G           | G              | L             |
| LC 038F 01       | .420             | 10.67 | .438                     | 11.13 | .038          | .96  | 8.000                      | 3.629 | 0.500       | 12.70 | 23.00       | 0.411 | 0.172        | 4.37  | F           | F              | K             |
| LC 038F 02       |                  |       |                          |       |               |      |                            |       | 0.625       | 15.88 | 18.00       | 0.321 | 0.200        | 5.08  | F           | F              | K             |
| LC 038F 03       |                  |       |                          |       |               |      |                            |       | 0.750       | 19.05 | 14.00       | 0.250 | 0.229        | 5.82  | F           | F              | K             |
| LC 038F 04       |                  |       |                          |       |               |      |                            |       | 0.875       | 22.23 | 12.00       | 0.214 | 0.258        | 6.55  | F           | F              | K             |
| LC 038F 05       |                  |       |                          |       |               |      |                            |       | 1.000       | 25.40 | 11.00       | 0.196 | 0.286        | 7.26  | F           | F              | K             |
| LC 038F 06       |                  |       |                          |       |               |      |                            |       | 1.250       | 31.75 | 8.50        | 0.152 | 0.343        | 8.71  | F           | F              | K             |
| LC 038F 07       |                  |       |                          |       |               |      |                            |       | 1.500       | 38.10 | 7.00        | 0.125 | 0.381        | 9.68  | F           | F              | K             |
| LC 038F 08       |                  |       |                          |       |               |      |                            |       | 1.750       | 44.45 | 6.00        | 0.107 | 0.438        | 11.12 | G           | G              | L             |
| LC 038F 09       |                  |       |                          |       |               |      |                            |       | 2.000       | 50.80 | 5.20        | 0.093 | 0.496        | 12.60 | G           | G              | L             |
| LC 038F 10       |                  |       |                          |       |               |      |                            |       | 2.250       | 57.15 | 4.60        | 0.082 | 0.550        | 13.97 | G           | G              | L             |
| LC 038F 11       |                  |       |                          |       |               |      |                            |       | 2.500       | 63.50 | 4.20        | 0.075 | 0.594        | 15.09 | G           | G              | L             |
| LC 042F 01       | .420             | 10.67 | .438                     | 11.13 | .042          | 1.07 | 11.000                     | 4.990 | 0.500       | 12.70 | 34.00       | 0.607 | 0.190        | 4.83  | F           | F              | K             |
| LC 042F 02       |                  |       |                          |       |               |      |                            |       | 0.625       | 15.88 | 27.00       | 0.481 | 0.222        | 5.64  | F           | F              | K             |
| LC 042F 03       |                  |       |                          |       |               |      |                            |       | 0.750       | 19.05 | 22.00       | 0.392 | 0.253        | 6.43  | F           | F              | K             |
| LC 042F 04       |                  |       |                          |       |               |      |                            |       | 0.875       | 22.23 | 18.50       | 0.330 | 0.285        | 7.24  | F           | F              | K             |
| LC 042F 05       |                  |       |                          |       |               |      |                            |       | 1.000       | 25.40 | 16.00       | 0.285 | 0.316        | 8.03  | F           | F              | K             |
| LC 042F 06       |                  |       |                          |       |               |      |                            |       | 1.250       | 31.75 | 13.00       | 0.232 | 0.369        | 9.37  | G           | G              | L             |
| LC 042F 07       |                  |       |                          |       |               |      |                            |       | 1.500       | 38.10 | 10.50       | 0.188 | 0.442        | 11.23 | G           | G              | L             |
| LC 042F 08       |                  |       |                          |       |               |      |                            |       | 1.750       | 44.45 | 9.00        | 0.160 | 0.499        | 12.67 | G           | G              | L             |
| LC 042F 09       |                  |       |                          |       |               |      |                            |       | 2.000       | 50.80 | 7.50        | 0.134 | 0.580        | 14.73 | G           | G              | L             |
| LC 042F 10       |                  |       |                          |       |               |      |                            |       | 2.250       | 57.15 | 6.70        | 0.120 | 0.636        | 16.15 | G           | G              | L             |
| LC 042F 11       |                  |       |                          |       |               |      |                            |       | 2.500       | 63.50 | 6.00        | 0.107 | 0.699        | 17.75 | G           | G              | L             |
| LC 045F 01       | .420             | 10.67 | .438                     | 11.13 | .045          | 1.14 | 13.000                     | 5.900 | 0.500       | 12.70 | 44.40       | 0.793 | 0.219        | 5.56  | F           | F              | K             |
| LC 045F 02       |                  |       |                          |       |               |      |                            |       | 0.625       | 15.88 | 34.00       | 0.607 | 0.255        | 6.48  | F           | F              | K             |
| LC 045F 03       |                  |       |                          |       |               |      |                            |       | 0.750       | 19.05 | 27.60       | 0.493 | 0.291        | 7.39  | F           | F              | K             |
| LC 045F 04       |                  |       |                          |       |               |      |                            |       | 0.875       | 22.23 | 23.20       | 0.414 | 0.327        | 8.31  | F           | F              | K             |
| LC 045F 05       |                  |       |                          |       |               |      |                            |       | 1.000       | 25.40 | 20.00       | 0.357 | 0.363        | 9.22  | F           | F              | K             |
| LC 045F 06       |                  |       |                          |       |               |      |                            |       | 1.250       | 31.75 | 15.70       | 0.280 | 0.435        | 11.05 | G           | G              | L             |
| LC 045F 07       |                  |       |                          |       |               |      |                            |       | 1.500       | 38.10 | 12.90       | 0.230 | 0.507        | 12.88 | G           | G              | L             |
| LC 045F 08       |                  |       |                          |       |               |      |                            |       | 1.750       | 44.45 | 11.00       | 0.196 | 0.577        | 14.66 | J           | J              | M             |
| LC 045F 09       |                  |       |                          |       |               |      |                            |       | 2.000       | 50.80 | 9.60        | 0.171 | 0.647        | 16.43 | J           | J              | M             |
| LC 045F 10       |                  |       |                          |       |               |      |                            |       | 2.250       | 57.15 | 8.40        | 0.150 | 0.725        | 18.42 | J           | J              | M             |
| LC 045F 11       |                  |       |                          |       |               |      |                            |       | 2.500       | 63.50 | 7.60        | 0.136 | 0.791        | 20.09 | J           | J              | M             |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

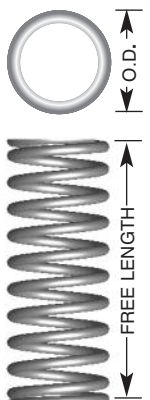
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 047F 01       | .420             | 10.67 | .438                     | 11.13 | .047          | 1.19 | 15.500                     | 7.031  | 0.500       | 12.70 | 54.00       | 0.964 | 0.218        | 5.54  | F           | F              | K             |
| LC 047F 02       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 41.00       | 0.731 | 0.260        | 6.60  | F           | F              | K             |
| LC 047F 03       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 34.00       | 0.606 | 0.283        | 7.19  | F           | F              | K             |
| LC 047F 04       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 28.00       | 0.500 | 0.330        | 8.38  | F           | F              | K             |
| LC 047F 05       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 25.00       | 0.446 | 0.377        | 9.58  | F           | F              | K             |
| LC 047F 06       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 19.00       | 0.339 | 0.447        | 11.35 | G           | G              | L             |
| LC 047F 07       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 15.50       | 0.277 | 0.519        | 13.18 | G           | G              | L             |
| LC 047F 08       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 13.50       | 0.241 | 0.579        | 14.71 | J           | J              | M             |
| LC 047F 09       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 11.50       | 0.205 | 0.683        | 17.35 | J           | J              | M             |
| LC 051F 01       | .420             | 10.67 | .438                     | 11.13 | .051          | 1.30 | 18.700                     | 8.480  | 0.500       | 12.70 | 72.10       | 1.288 | 0.255        | 6.48  | F           | F              | K             |
| LC 051F 02       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 54.90       | 0.980 | 0.300        | 7.62  | F           | F              | K             |
| LC 051F 03       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 44.30       | 0.791 | 0.345        | 8.76  | F           | F              | K             |
| LC 051F 04       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 37.10       | 0.663 | 0.390        | 9.91  | F           | F              | K             |
| LC 051F 05       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 32.00       | 0.571 | 0.434        | 11.02 | F           | F              | K             |
| LC 051F 06       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 25.00       | 0.446 | 0.525        | 13.34 | G           | G              | L             |
| LC 051F 07       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 20.50       | 0.366 | 0.615        | 15.62 | G           | G              | L             |
| LC 051F 08       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 17.40       | 0.311 | 0.705        | 17.91 | J           | K              | N             |
| LC 051F 09       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 15.10       | 0.270 | 0.795        | 20.19 | J           | K              | N             |
| LC 051F 10       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 13.40       | 0.239 | 0.881        | 22.38 | K           | M              | R             |
| LC 051F 11       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 12.00       | 0.214 | 0.971        | 24.66 | K           | M              | R             |
| LC 055F 01       | .420             | 10.67 | .438                     | 11.13 | .055          | 1.40 | 24.000                     | 10.886 | 0.500       | 12.70 | 95.00       | 1.697 | 0.276        | 7.01  | F           | F              | K             |
| LC 055F 02       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 75.00       | 1.337 | 0.317        | 8.05  | F           | F              | K             |
| LC 055F 03       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 61.00       | 1.088 | 0.373        | 9.47  | F           | F              | K             |
| LC 055F 04       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 52.00       | 0.929 | 0.414        | 10.52 | F           | F              | K             |
| LC 055F 05       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 44.00       | 0.784 | 0.469        | 11.91 | F           | F              | K             |
| LC 055F 06       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 35.00       | 0.624 | 0.551        | 14.00 | G           | G              | L             |
| LC 055F 07       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 28.00       | 0.500 | 0.661        | 16.79 | G           | G              | L             |
| LC 055F 08       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 24.00       | 0.428 | 0.765        | 19.43 | J           | K              | N             |
| LC 055F 09       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 21.00       | 0.374 | 0.841        | 21.36 | J           | K              | N             |
| LC 055F 10       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 18.00       | 0.321 | 0.950        | 24.13 | K           | M              | R             |
| LC 055F 11       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 16.25       | 0.290 | 1.045        | 26.54 | K           | M              | R             |
| LC 059F 01       | .420             | 10.67 | .438                     | 11.13 | .059          | 1.50 | 29.500                     | 13.380 | 0.500       | 12.70 | 136.80      | 2.443 | 0.285        | 7.23  | F           | F              | K             |
| LC 059F 02       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 103.10      | 1.841 | 0.339        | 8.61  | F           | F              | K             |
| LC 059F 03       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 82.70       | 1.477 | 0.394        | 10.00 | G           | G              | L             |
| LC 059F 04       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 69.00       | 1.233 | 0.448        | 11.38 | G           | G              | L             |
| LC 059F 05       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 59.20       | 1.058 | 0.503        | 12.77 | G           | G              | L             |
| LC 059F 06       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 46.20       | 0.824 | 0.612        | 15.54 | J           | J              | M             |
| LC 059F 07       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 37.80       | 0.675 | 0.721        | 18.31 | J           | J              | M             |
| LC 059F 08       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 32.00       | 0.572 | 0.830        | 21.08 | K           | L              | P             |
| LC 059F 09       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 27.80       | 0.496 | 0.939        | 23.85 | K           | L              | P             |
| LC 059F 10       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 24.50       | 0.438 | 1.048        | 26.62 | L           | P              | T             |
| LC 059F 11       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 21.90       | 0.392 | 1.157        | 29.39 | L           | P              | T             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 063F 01       | .420             | 10.67 | .438                     | 11.13 | .063          | 1.60 | 35.500                     | 16.100 | 0.500       | 12.70 | 183.00      | 3.268 | 0.315        | 8.00  | J           | J              | M             |
| LC 063F 02       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 137.00      | 2.447 | 0.375        | 9.53  | J           | J              | M             |
| LC 063F 03       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 109.00      | 1.947 | 0.436        | 11.07 | J           | J              | M             |
| LC 063F 04       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 91.00       | 1.625 | 0.496        | 12.60 | J           | J              | M             |
| LC 063F 05       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 78.00       | 1.393 | 0.556        | 14.12 | J           | J              | M             |
| LC 063F 06       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 60.50       | 1.080 | 0.677        | 17.20 | K           | K              | N             |
| LC 063F 07       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 49.60       | 0.886 | 0.796        | 20.22 | K           | K              | N             |
| LC 063F 08       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 41.90       | 0.748 | 0.917        | 23.29 | L           | M              | R             |
| LC 063F 09       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 36.30       | 0.648 | 1.043        | 26.49 | L           | M              | R             |
| LC 063F 10       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 32.00       | 0.571 | 1.159        | 29.44 | M           | P              | T             |
| LC 063F 11       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 28.70       | 0.513 | 1.277        | 32.44 | M           | P              | T             |
| LC 067F 01       | .420             | 10.67 | .438                     | 11.13 | .067          | 1.70 | 42.460                     | 19.260 | 0.750       | 19.05 | 143.70      | 2.566 | 0.468        | 11.89 | J           | J              | M             |
| LC 067F 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 102.20      | 1.825 | 0.602        | 15.29 | K           | K              | N             |
| LC 067F 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 79.30       | 1.416 | 0.736        | 18.69 | K           | K              | N             |
| LC 067F 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 64.80       | 1.157 | 0.870        | 22.10 | L           | M              | R             |
| LC 067F 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 54.80       | 0.979 | 1.004        | 25.50 | L           | M              | R             |
| LC 067F 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 47.40       | 0.846 | 1.138        | 28.90 | M           | P              | T             |
| LC 067F 07       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 41.80       | 0.746 | 1.272        | 32.30 | M           | P              | T             |
| LC 067F 08       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 37.40       | 0.668 | 1.406        | 35.71 | M           | P              | T             |
| LC 072F 01       | .420             | 10.67 | .438                     | 11.13 | .072          | 1.83 | 47.620                     | 21.600 | 1.000       | 25.40 | 139.20      | 2.486 | 0.658        | 16.71 | K           | K              | N             |
| LC 072F 02       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 107.70      | 1.923 | 0.807        | 20.50 | K           | K              | N             |
| LC 072F 03       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 87.90       | 1.570 | 0.955        | 24.26 | L           | M              | R             |
| LC 072F 04       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 74.20       | 1.325 | 1.104        | 28.05 | L           | M              | R             |
| LC 072F 05       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 64.20       | 1.146 | 1.253        | 31.83 | M           | P              | T             |
| LC 072F 06       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 56.60       | 1.011 | 1.402        | 35.60 | M           | P              | T             |
| LC 072F 07       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 50.60       | 0.904 | 1.550        | 39.37 | M           | P              | T             |
| LC 032FF 01      | .437             | 11.10 | .469                     | 11.91 | .032          | .81  | 3.857                      | 1.750  | 0.500       | 12.70 | 10.68       | 0.191 | 0.139        | 3.53  | F           | F              | K             |
| LC 032FF 02      |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 8.30        | 0.149 | 0.160        | 4.06  | F           | F              | K             |
| LC 032FF 03      |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 6.79        | 0.122 | 0.181        | 4.60  | F           | F              | K             |
| LC 032FF 04      |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 5.74        | 0.103 | 0.202        | 5.13  | F           | F              | K             |
| LC 032FF 05      |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 4.98        | 0.089 | 0.223        | 5.66  | F           | F              | K             |
| LC 032FF 06      |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 3.93        | 0.070 | 0.265        | 6.73  | F           | F              | K             |
| LC 032FF 07      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 3.24        | 0.058 | 0.307        | 7.80  | F           | F              | K             |
| LC 032FF 08      |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 2.76        | 0.049 | 0.348        | 8.84  | F           | F              | K             |
| LC 032FF 09      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 2.41        | 0.043 | 0.390        | 9.91  | G           | G              | L             |
| LC 032FF 10      |                  |       |                          |       |               |      |                            |        | 2.125       | 53.98 | 2.26        | 0.040 | 0.411        | 10.44 | G           | G              | L             |
| LC 041FF 01      | .437             | 11.10 | .469                     | 11.91 | .041          | 1.04 | 7.771                      | 3.525  | 0.500       | 12.70 | 25.64       | 0.459 | 0.197        | 5.00  | F           | F              | K             |
| LC 041FF 02      |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 19.74       | 0.353 | 0.231        | 5.87  | F           | F              | K             |
| LC 041FF 03      |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 16.04       | 0.287 | 0.264        | 6.71  | F           | F              | K             |
| LC 041FF 04      |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 13.51       | 0.242 | 0.298        | 7.57  | F           | F              | K             |
| LC 041FF 05      |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 11.67       | 0.209 | 0.331        | 8.41  | F           | F              | K             |
| LC 041FF 06      |                  |       |                          |       |               |      |                            |        | 1.063       | 27.00 | 10.90       | 0.195 | 0.349        | 8.86  | G           | G              | L             |
| LC 041FF 07      |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 9.16        | 0.164 | 0.399        | 10.13 | G           | G              | L             |
| LC 041FF 08      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 7.54        | 0.135 | 0.467        | 11.86 | G           | G              | L             |
| LC 041FF 09      |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 6.41        | 0.115 | 0.534        | 13.56 | G           | G              | L             |
| LC 041FF 10      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 5.58        | 0.100 | 0.601        | 15.27 | G           | G              | L             |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

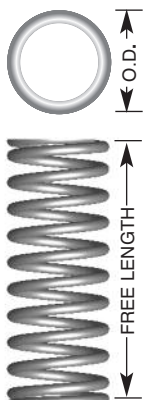
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG    | IN.         | MM    | LB./IN.     | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 054FF 01      | .437             | 11.10 | .469                     | 11.91 | .054          | 1.37 | 16.532                     | 7.499 | 0.500       | 12.70 | 75.00       | 1.343 | 0.280        | 7.11  | F           | F              | K             |
| LC 054FF 02      |                  |       |                          |       |               |      |                            |       | 0.625       | 15.88 | 56.87       | 1.018 | 0.333        | 8.46  | F           | F              | K             |
| LC 054FF 03      |                  |       |                          |       |               |      |                            |       | 0.750       | 19.05 | 45.80       | 0.820 | 0.387        | 9.83  | F           | F              | K             |
| LC 054FF 04      |                  |       |                          |       |               |      |                            |       | 0.875       | 22.23 | 38.33       | 0.686 | 0.441        | 11.20 | F           | F              | K             |
| LC 054FF 05      |                  |       |                          |       |               |      |                            |       | 1.000       | 25.40 | 32.96       | 0.590 | 0.494        | 12.55 | F           | F              | K             |
| LC 054FF 06      |                  |       |                          |       |               |      |                            |       | 1.250       | 31.75 | 25.75       | 0.461 | 0.602        | 15.29 | G           | G              | L             |
| LC 054FF 07      |                  |       |                          |       |               |      |                            |       | 1.500       | 38.10 | 21.12       | 0.378 | 0.709        | 18.01 | G           | G              | L             |
| LC 054FF 08      |                  |       |                          |       |               |      |                            |       | 1.750       | 44.45 | 17.91       | 0.321 | 0.816        | 20.73 | J           | K              | N             |
| LC 054FF 09      |                  |       |                          |       |               |      |                            |       | 2.000       | 50.80 | 15.54       | 0.278 | 0.924        | 23.47 | J           | K              | N             |
| LC 054FF 10      |                  |       |                          |       |               |      |                            |       | 2.250       | 57.15 | 13.73       | 0.246 | 1.031        | 26.19 | K           | M              | R             |
| LC 054FF 11      |                  |       |                          |       |               |      |                            |       | 2.500       | 63.50 | 12.29       | 0.220 | 1.139        | 28.93 | K           | M              | R             |
| LC 039FG 01      | .455             | 11.56 | .469                     | 11.91 | .039          | .99  | 7.000                      | 3.170 | 0.500       | 12.70 | 20.00       | 0.357 | 0.172        | 4.37  | G           | G              | L             |
| LC 039FG 02      |                  |       |                          |       |               |      |                            |       | 0.625       | 15.88 | 15.70       | 0.280 | 0.199        | 5.05  | G           | G              | L             |
| LC 039FG 03      |                  |       |                          |       |               |      |                            |       | 0.750       | 19.05 | 12.60       | 0.225 | 0.226        | 5.74  | G           | G              | L             |
| LC 039FG 04      |                  |       |                          |       |               |      |                            |       | 0.875       | 22.23 | 10.80       | 0.192 | 0.254        | 6.45  | G           | G              | L             |
| LC 039FG 05      |                  |       |                          |       |               |      |                            |       | 1.000       | 25.40 | 9.40        | 0.168 | 0.283        | 7.19  | G           | G              | L             |
| LC 039FG 06      |                  |       |                          |       |               |      |                            |       | 1.250       | 31.75 | 7.20        | 0.128 | 0.339        | 8.61  | G           | G              | L             |
| LC 039FG 07      |                  |       |                          |       |               |      |                            |       | 1.500       | 38.10 | 5.90        | 0.105 | 0.394        | 10.01 | G           | G              | L             |
| LC 039FG 08      |                  |       |                          |       |               |      |                            |       | 1.750       | 44.45 | 5.00        | 0.089 | 0.448        | 11.38 | G           | G              | L             |
| LC 046FG 01      | .455             | 11.56 | .469                     | 11.91 | .046          | 1.17 | 11.000                     | 4.982 | 0.500       | 12.70 | 37.00       | 0.660 | 0.212        | 5.38  | G           | G              | L             |
| LC 046FG 02      |                  |       |                          |       |               |      |                            |       | 0.625       | 15.88 | 28.50       | 0.508 | 0.248        | 6.30  | G           | G              | L             |
| LC 046FG 03      |                  |       |                          |       |               |      |                            |       | 0.750       | 19.05 | 23.00       | 0.410 | 0.285        | 7.24  | G           | G              | L             |
| LC 046FG 04      |                  |       |                          |       |               |      |                            |       | 0.875       | 22.23 | 19.25       | 0.343 | 0.322        | 8.18  | G           | G              | L             |
| LC 046FG 05      |                  |       |                          |       |               |      |                            |       | 1.000       | 25.40 | 16.75       | 0.299 | 0.359        | 9.12  | G           | G              | L             |
| LC 046FG 06      |                  |       |                          |       |               |      |                            |       | 1.250       | 31.75 | 13.00       | 0.232 | 0.432        | 10.97 | J           | J              | M             |
| LC 046FG 07      |                  |       |                          |       |               |      |                            |       | 1.500       | 38.10 | 10.75       | 0.192 | 0.506        | 12.85 | J           | J              | M             |
| LC 046FG 08      |                  |       |                          |       |               |      |                            |       | 1.750       | 44.45 | 9.25        | 0.165 | 0.575        | 14.60 | J           | J              | M             |
| LC 036G 01       | .480             | 12.19 | .500                     | 12.70 | .036          | .91  | 5.680                      | 2.580 | 0.500       | 12.70 | 15.70       | 0.280 | 0.142        | 3.61  | F           | F              | K             |
| LC 036G 02       |                  |       |                          |       |               |      |                            |       | 0.625       | 15.88 | 12.15       | 0.217 | 0.162        | 4.11  | F           | F              | K             |
| LC 036G 03       |                  |       |                          |       |               |      |                            |       | 0.750       | 19.05 | 9.91        | 0.177 | 0.182        | 4.62  | F           | F              | K             |
| LC 036G 04       |                  |       |                          |       |               |      |                            |       | 0.875       | 22.23 | 8.37        | 0.149 | 0.202        | 5.12  | F           | F              | K             |
| LC 036G 05       |                  |       |                          |       |               |      |                            |       | 1.000       | 25.40 | 7.24        | 0.129 | 0.222        | 5.63  | F           | F              | K             |
| LC 036G 06       |                  |       |                          |       |               |      |                            |       | 1.250       | 31.75 | 5.71        | 0.102 | 0.261        | 6.64  | G           | G              | L             |
| LC 036G 07       |                  |       |                          |       |               |      |                            |       | 1.500       | 38.10 | 4.71        | 0.084 | 0.301        | 7.64  | G           | G              | L             |
| LC 036G 08       |                  |       |                          |       |               |      |                            |       | 1.750       | 44.45 | 4.01        | 0.072 | 0.341        | 8.65  | J           | J              | M             |
| LC 036G 09       |                  |       |                          |       |               |      |                            |       | 2.000       | 50.80 | 3.49        | 0.062 | 0.380        | 9.66  | J           | J              | M             |
| LC 036G 10       |                  |       |                          |       |               |      |                            |       | 2.250       | 57.15 | 3.09        | 0.055 | 0.420        | 10.67 | J           | J              | M             |
| LC 036G 11       |                  |       |                          |       |               |      |                            |       | 2.500       | 63.50 | 2.77        | 0.049 | 0.460        | 11.68 | K           | K              | N             |
| LC 036G 12       |                  |       |                          |       |               |      |                            |       | 2.750       | 69.85 | 2.51        | 0.045 | 0.499        | 12.69 | K           | K              | N             |
| LC 036G 13       |                  |       |                          |       |               |      |                            |       | 3.000       | 76.20 | 2.30        | 0.041 | 0.539        | 13.69 | K           | K              | N             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 038G 01       | .480             | 12.19 | .500                     | 12.70 | .038          | .96  | 7.300                      | 3.311 | 0.500       | 12.70 | 20.00       | 0.357 | 0.144        | 3.66  | F           | F              | K             |
| LC 038G 02       |                  |       |                          |       |               |      |                            |       | 0.625       | 15.88 | 15.00       | 0.267 | 0.172        | 4.37  | F           | F              | K             |
| LC 038G 03       |                  |       |                          |       |               |      |                            |       | 0.750       | 19.05 | 12.50       | 0.223 | 0.191        | 4.85  | F           | F              | K             |
| LC 038G 04       |                  |       |                          |       |               |      |                            |       | 0.875       | 22.23 | 10.50       | 0.188 | 0.210        | 5.33  | F           | F              | K             |
| LC 038G 05       |                  |       |                          |       |               |      |                            |       | 1.000       | 25.40 | 9.00        | 0.160 | 0.229        | 5.82  | F           | F              | K             |
| LC 038G 06       |                  |       |                          |       |               |      |                            |       | 1.250       | 31.75 | 7.50        | 0.134 | 0.267        | 6.78  | G           | G              | L             |
| LC 038G 07       |                  |       |                          |       |               |      |                            |       | 1.500       | 38.10 | 6.00        | 0.107 | 0.315        | 8.00  | G           | G              | L             |
| LC 038G 08       |                  |       |                          |       |               |      |                            |       | 1.625       | 41.28 | 5.50        | 0.098 | 0.332        | 8.43  | G           | G              | L             |
| LC 038G 09       |                  |       |                          |       |               |      |                            |       | 1.750       | 44.45 | 4.90        | 0.087 | 0.361        | 9.17  | J           | J              | M             |
| LC 038G 10       |                  |       |                          |       |               |      |                            |       | 2.000       | 50.80 | 4.25        | 0.076 | 0.407        | 10.34 | J           | J              | M             |
| LC 038G 11       |                  |       |                          |       |               |      |                            |       | 2.250       | 57.15 | 3.68        | 0.066 | 0.460        | 11.68 | J           | J              | M             |
| LC 038G 12       |                  |       |                          |       |               |      |                            |       | 2.500       | 63.50 | 3.30        | 0.059 | 0.503        | 12.78 | K           | K              | N             |
| LC 038G 13       |                  |       |                          |       |               |      |                            |       | 2.750       | 69.85 | 3.00        | 0.054 | 0.546        | 13.87 | K           | K              | N             |
| LC 038G 14       |                  |       |                          |       |               |      |                            |       | 3.000       | 76.20 | 2.73        | 0.049 | 0.589        | 14.96 | K           | K              | N             |
| LC 042G 01       | .480             | 12.19 | .500                     | 12.70 | .042          | 1.07 | 9.500                      | 4.309 | 0.500       | 12.70 | 28.00       | 0.500 | 0.169        | 4.29  | F           | F              | K             |
| LC 042G 02       |                  |       |                          |       |               |      |                            |       | 0.625       | 15.88 | 22.00       | 0.392 | 0.201        | 5.10  | F           | F              | K             |
| LC 042G 03       |                  |       |                          |       |               |      |                            |       | 0.750       | 19.05 | 18.00       | 0.321 | 0.222        | 5.64  | F           | F              | K             |
| LC 042G 04       |                  |       |                          |       |               |      |                            |       | 0.875       | 22.23 | 15.00       | 0.268 | 0.248        | 6.30  | F           | F              | K             |
| LC 042G 05       |                  |       |                          |       |               |      |                            |       | 1.000       | 25.40 | 13.00       | 0.232 | 0.274        | 6.96  | F           | F              | K             |
| LC 042G 06       |                  |       |                          |       |               |      |                            |       | 1.250       | 31.75 | 10.00       | 0.178 | 0.327        | 8.30  | G           | G              | L             |
| LC 042G 07       |                  |       |                          |       |               |      |                            |       | 1.500       | 38.10 | 8.50        | 0.152 | 0.379        | 9.63  | G           | G              | L             |
| LC 042G 08       |                  |       |                          |       |               |      |                            |       | 1.625       | 41.28 | 7.70        | 0.137 | 0.400        | 10.16 | G           | G              | L             |
| LC 042G 09       |                  |       |                          |       |               |      |                            |       | 1.750       | 44.45 | 6.90        | 0.123 | 0.438        | 11.12 | G           | G              | L             |
| LC 042G 10       |                  |       |                          |       |               |      |                            |       | 2.000       | 50.80 | 6.00        | 0.107 | 0.490        | 12.45 | G           | G              | L             |
| LC 042G 11       |                  |       |                          |       |               |      |                            |       | 2.250       | 57.15 | 5.50        | 0.098 | 0.504        | 12.80 | J           | J              | M             |
| LC 042G 12       |                  |       |                          |       |               |      |                            |       | 2.500       | 63.50 | 5.00        | 0.089 | 0.562        | 14.27 | K           | K              | N             |
| LC 042G 13       |                  |       |                          |       |               |      |                            |       | 2.750       | 69.85 | 4.53        | 0.081 | 0.610        | 15.49 | K           | K              | N             |
| LC 042G 14       |                  |       |                          |       |               |      |                            |       | 3.000       | 76.20 | 4.13        | 0.074 | 0.659        | 16.74 | L           | L              | P             |
| LC 045G 01       | .480             | 12.19 | .500                     | 12.70 | .045          | 1.14 | 11.500                     | 5.216 | 0.500       | 12.70 | 35.00       | 0.625 | 0.192        | 4.88  | F           | F              | K             |
| LC 045G 02       |                  |       |                          |       |               |      |                            |       | 0.625       | 15.88 | 28.00       | 0.499 | 0.215        | 5.46  | F           | F              | K             |
| LC 045G 03       |                  |       |                          |       |               |      |                            |       | 0.750       | 19.05 | 22.00       | 0.392 | 0.248        | 6.30  | F           | F              | K             |
| LC 045G 04       |                  |       |                          |       |               |      |                            |       | 0.875       | 22.23 | 19.00       | 0.339 | 0.271        | 6.88  | F           | F              | K             |
| LC 045G 05       |                  |       |                          |       |               |      |                            |       | 1.000       | 25.40 | 17.00       | 0.303 | 0.293        | 7.44  | F           | F              | K             |
| LC 045G 06       |                  |       |                          |       |               |      |                            |       | 1.250       | 31.75 | 13.00       | 0.232 | 0.361        | 9.17  | G           | G              | L             |
| LC 045G 07       |                  |       |                          |       |               |      |                            |       | 1.500       | 38.10 | 11.00       | 0.196 | 0.404        | 10.26 | G           | G              | L             |
| LC 045G 08       |                  |       |                          |       |               |      |                            |       | 1.625       | 41.28 | 9.75        | 0.174 | 0.446        | 11.33 | G           | J              | M             |
| LC 045G 09       |                  |       |                          |       |               |      |                            |       | 1.750       | 44.45 | 9.00        | 0.160 | 0.482        | 12.24 | G           | J              | M             |
| LC 045G 10       |                  |       |                          |       |               |      |                            |       | 2.000       | 50.80 | 7.70        | 0.137 | 0.541        | 13.74 | G           | J              | M             |
| LC 045G 11       |                  |       |                          |       |               |      |                            |       | 2.250       | 57.15 | 6.70        | 0.119 | 0.610        | 15.49 | J           | J              | M             |
| LC 045G 12       |                  |       |                          |       |               |      |                            |       | 2.500       | 63.50 | 6.20        | 0.110 | 0.666        | 16.92 | J           | J              | M             |
| LC 045G 13       |                  |       |                          |       |               |      |                            |       | 2.750       | 69.85 | 5.60        | 0.100 | 0.686        | 17.42 | L           | L              | P             |
| LC 045G 14       |                  |       |                          |       |               |      |                            |       | 3.000       | 76.20 | 5.10        | 0.091 | 0.742        | 18.85 | L           | L              | P             |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

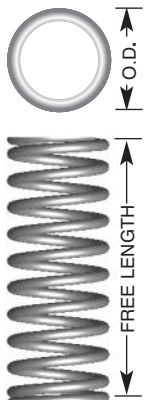
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 051G 01       | .480             | 12.19 | .500                     | 12.70 | .051          | 1.30 | 16.000                     | 7.246  | 0.500       | 12.70 | 57.00       | 1.016 | 0.219        | 5.56  | F           | F              | K             |
| LC 051G 02       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 43.00       | 0.767 | 0.255        | 6.48  | F           | F              | K             |
| LC 051G 03       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 37.00       | 0.660 | 0.291        | 7.39  | F           | F              | K             |
| LC 051G 04       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 29.50       | 0.526 | 0.321        | 8.15  | F           | F              | K             |
| LC 051G 05       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 25.00       | 0.446 | 0.370        | 9.40  | F           | F              | K             |
| LC 051G 06       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 19.50       | 0.348 | 0.439        | 11.15 | G           | G              | L             |
| LC 051G 07       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 16.00       | 0.285 | 0.510        | 12.95 | G           | G              | L             |
| LC 051G 08       |                  |       |                          |       |               |      |                            |        | 1.625       | 41.28 | 14.80       | 0.264 | 0.550        | 13.97 | J           | J              | M             |
| LC 051G 09       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 13.80       | 0.246 | 0.586        | 14.88 | J           | J              | M             |
| LC 051G 10       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 12.00       | 0.214 | 0.663        | 16.84 | J           | J              | M             |
| LC 051G 11       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 10.50       | 0.187 | 0.740        | 18.80 | K           | K              | N             |
| LC 051G 12       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 9.50        | 0.169 | 0.816        | 20.73 | K           | K              | N             |
| LC 051G 13       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85 | 8.32        | 0.148 | 0.900        | 22.86 | K           | K              | N             |
| LC 051G 14       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20 | 7.60        | 0.136 | 0.975        | 24.76 | L           | L              | P             |
| LC 055G 01       | .480             | 12.19 | .500                     | 12.70 | .055          | 1.40 | 20.000                     | 9.072  | 0.500       | 12.70 | 72.00       | 1.286 | 0.249        | 6.32  | F           | G              | L             |
| LC 055G 02       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 56.00       | 0.999 | 0.290        | 7.37  | F           | G              | L             |
| LC 055G 03       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 47.00       | 0.838 | 0.317        | 8.05  | F           | G              | L             |
| LC 055G 04       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 38.00       | 0.679 | 0.373        | 9.47  | F           | G              | L             |
| LC 055G 05       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 35.00       | 0.624 | 0.400        | 10.16 | F           | G              | L             |
| LC 055G 06       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 27.00       | 0.481 | 0.482        | 12.24 | G           | J              | M             |
| LC 055G 07       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 22.00       | 0.393 | 0.565        | 14.35 | G           | J              | M             |
| LC 055G 08       |                  |       |                          |       |               |      |                            |        | 1.625       | 41.28 | 20.00       | 0.357 | 0.605        | 15.37 | J           | K              | N             |
| LC 055G 09       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 18.00       | 0.321 | 0.660        | 16.76 | J           | K              | N             |
| LC 055G 10       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 16.00       | 0.285 | 0.720        | 18.29 | J           | K              | N             |
| LC 055G 11       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 14.20       | 0.253 | 0.835        | 21.21 | J           | K              | N             |
| LC 055G 12       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 12.50       | 0.223 | 0.927        | 23.54 | J           | K              | N             |
| LC 055G 13       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85 | 10.90       | 0.194 | 1.022        | 25.95 | K           | L              | P             |
| LC 055G 14       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20 | 9.96        | 0.178 | 1.107        | 28.12 | L           | M              | R             |
| LC 059G 01       | .480             | 12.19 | .500                     | 12.70 | .059          | 1.50 | 24.000                     | 10.870 | 0.500       | 12.70 | 98.00       | 1.747 | 0.265        | 6.73  | F           | G              | L             |
| LC 059G 02       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 75.00       | 1.337 | 0.315        | 8.00  | F           | G              | L             |
| LC 059G 03       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 61.00       | 1.088 | 0.354        | 8.99  | F           | G              | L             |
| LC 059G 04       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 51.00       | 0.909 | 0.398        | 10.11 | F           | G              | L             |
| LC 059G 05       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 43.00       | 0.767 | 0.448        | 11.38 | G           | J              | M             |
| LC 059G 06       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 34.00       | 0.606 | 0.543        | 13.79 | G           | J              | M             |
| LC 059G 07       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 28.00       | 0.499 | 0.634        | 16.10 | G           | J              | M             |
| LC 059G 08       |                  |       |                          |       |               |      |                            |        | 1.625       | 41.28 | 25.50       | 0.455 | 0.678        | 17.22 | G           | J              | M             |
| LC 059G 09       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 23.50       | 0.419 | 0.738        | 18.74 | J           | K              | N             |
| LC 059G 10       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 20.50       | 0.366 | 0.826        | 20.98 | J           | K              | N             |
| LC 059G 11       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 18.00       | 0.321 | 0.915        | 23.24 | K           | L              | P             |
| LC 059G 12       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 16.00       | 0.285 | 1.037        | 26.34 | K           | L              | P             |
| LC 059G 13       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85 | 14.74       | 0.263 | 1.102        | 27.99 | L           | M              | R             |
| LC 059G 14       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20 | 13.46       | 0.240 | 1.194        | 30.32 | L           | M              | R             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 063G 01       | .480             | 12.19 | .500                     | 12.70 | .063          | 1.60 | 29.000                     | 13.154 | 0.500       | 12.70 | 125.00      | 2.232 | 0.301        | 7.65  | F           | G              | L             |
| LC 063G 02       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 95.00       | 1.694 | 0.348        | 8.84  | F           | G              | L             |
| LC 063G 03       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 77.00       | 1.373 | 0.395        | 10.03 | F           | G              | L             |
| LC 063G 04       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 65.00       | 1.161 | 0.457        | 11.61 | F           | G              | L             |
| LC 063G 05       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 57.00       | 1.016 | 0.505        | 12.83 | G           | J              | M             |
| LC 063G 06       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 45.00       | 0.802 | 0.600        | 15.24 | G           | J              | M             |
| LC 063G 07       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 37.00       | 0.661 | 0.694        | 17.63 | G           | J              | M             |
| LC 063G 08       |                  |       |                          |       |               |      |                            |        | 1.625       | 41.28 | 34.00       | 0.606 | 0.755        | 19.18 | J           | K              | N             |
| LC 063G 09       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 31.00       | 0.553 | 0.818        | 20.78 | J           | K              | N             |
| LC 063G 10       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 27.00       | 0.481 | 0.920        | 23.37 | J           | K              | N             |
| LC 063G 11       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 24.00       | 0.428 | 1.037        | 26.34 | J           | K              | N             |
| LC 063G 12       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 21.30       | 0.380 | 1.142        | 29.01 | K           | L              | P             |
| LC 063G 13       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20 | 17.00       | 0.303 | 1.354        | 34.39 | L           | M              | R             |
| LC 067G 01       | .480             | 12.19 | .500                     | 12.70 | .067          | 1.70 | 36.500                     | 16.560 | 0.500       | 12.70 | 179.00      | 3.179 | 0.305        | 7.75  | G           | J              | M             |
| LC 067G 02       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 133.00      | 2.375 | 0.361        | 9.17  | G           | J              | M             |
| LC 067G 03       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 106.00      | 1.893 | 0.416        | 10.57 | G           | J              | M             |
| LC 067G 04       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 88.10       | 1.573 | 0.471        | 11.96 | G           | J              | M             |
| LC 067G 05       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 75.40       | 1.346 | 0.526        | 13.36 | J           | K              | N             |
| LC 067G 06       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 58.50       | 1.045 | 0.635        | 16.13 | J           | K              | N             |
| LC 067G 07       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 47.80       | 0.854 | 0.746        | 18.95 | J           | K              | N             |
| LC 067G 08       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 40.40       | 0.721 | 0.856        | 21.74 | L           | M              | R             |
| LC 067G 09       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 35.00       | 0.625 | 0.966        | 24.54 | L           | M              | R             |
| LC 067G 10       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 30.80       | 0.550 | 1.078        | 27.38 | M           | N              | S             |
| LC 067G 11       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 27.60       | 0.493 | 1.186        | 30.12 | N           | P              | T             |
| LC 067G 12       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85 | 25.00       | 0.446 | 1.294        | 32.87 | P           | R              | U             |
| LC 067G 13       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20 | 22.80       | 0.407 | 1.405        | 35.69 | P           | R              | U             |
| LC 072G 01       | .480             | 12.19 | .500                     | 12.70 | .072          | 1.83 | 44.658                     | 20.257 | 0.500       | 12.70 | 250.08      | 4.466 | 0.324        | 8.24  | J           | K              | N             |
| LC 072G 02       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 185.09      | 3.305 | 0.386        | 9.81  | J           | K              | N             |
| LC 072G 03       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 146.91      | 2.624 | 0.448        | 11.38 | J           | K              | N             |
| LC 072G 04       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 121.79      | 2.175 | 0.510        | 12.95 | J           | K              | N             |
| LC 072G 05       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 104.01      | 1.857 | 0.572        | 14.52 | K           | L              | P             |
| LC 072G 06       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 80.50       | 1.438 | 0.695        | 17.66 | K           | L              | P             |
| LC 072G 07       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 65.66       | 1.172 | 0.819        | 20.80 | K           | L              | P             |
| LC 072G 08       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 55.44       | 0.990 | 0.942        | 23.94 | M           | N              | S             |
| LC 072G 09       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 47.97       | 0.857 | 1.066        | 27.07 | M           | N              | S             |
| LC 072G 10       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 42.27       | 0.755 | 1.190        | 30.21 | N           | P              | T             |
| LC 072G 11       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 37.79       | 0.675 | 1.313        | 33.35 | P           | R              | U             |
| LC 072G 12       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85 | 34.16       | 0.610 | 1.437        | 36.49 | R           | S              | W             |
| LC 072G 13       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20 | 31.17       | 0.557 | 1.560        | 39.63 | R           | S              | W             |
| LC 072G 14       |                  |       |                          |       |               |      |                            |        | 3.250       | 82.55 | 28.70       | 0.513 | 1.682        | 42.72 | R           | S              | W             |
| LC 072G 15       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90 | 26.50       | 0.473 | 1.809        | 45.96 | R           | S              | W             |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

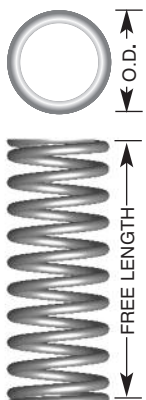
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 075G 01       | .480             | 12.19 | .500                     | 12.70 | .075          | 1.91 | 46.000                     | 20.866 | 0.500       | 12.70 | 289.10      | 5.163 | 0.345        | 8.77  | J           | K              | N             |
| LC 075G 02       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 215.60      | 3.850 | 0.410        | 10.43 | J           | K              | N             |
| LC 075G 03       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 169.10      | 3.020 | 0.481        | 12.21 | J           | K              | N             |
| LC 075G 04       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 139.00      | 2.482 | 0.552        | 14.01 | J           | K              | N             |
| LC 075G 05       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 119.40      | 2.132 | 0.617        | 15.67 | K           | L              | P             |
| LC 075G 06       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 92.30       | 1.648 | 0.752        | 19.11 | K           | L              | P             |
| LC 075G 07       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 75.30       | 1.345 | 0.887        | 22.54 | K           | L              | P             |
| LC 075G 08       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 63.50       | 1.134 | 1.024        | 26.00 | M           | N              | S             |
| LC 075G 09       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 55.00       | 0.982 | 1.158        | 29.41 | M           | N              | S             |
| LC 075G 10       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 48.40       | 0.864 | 1.295        | 32.89 | N           | P              | T             |
| LC 075G 11       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 43.30       | 0.773 | 1.429        | 36.30 | P           | R              | U             |
| LC 075G 12       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85 | 39.10       | 0.698 | 1.566        | 39.78 | R           | S              | W             |
| LC 075G 13       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20 | 35.70       | 0.638 | 1.700        | 43.19 | R           | S              | W             |
| LC 075G 14       |                  |       |                          |       |               |      |                            |        | 3.250       | 82.55 | 32.80       | 0.586 | 1.837        | 46.66 | R           | S              | W             |
| LC 075G 15       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90 | 30.40       | 0.543 | 1.970        | 50.04 | R           | S              | W             |
| LC 080G 01       | .480             | 12.19 | .500                     | 12.70 | .080          | 2.03 | 68.000                     | 30.840 | 0.500       | 12.70 | 425.90      | 7.605 | 0.340        | 8.64  | K           | L              | P             |
| LC 080G 02       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 311.40      | 5.561 | 0.407        | 10.33 | K           | L              | P             |
| LC 080G 03       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 245.40      | 4.383 | 0.473        | 12.01 | K           | L              | P             |
| LC 080G 04       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 202.50      | 3.617 | 0.539        | 13.70 | K           | L              | P             |
| LC 080G 05       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 172.40      | 3.078 | 0.606        | 15.38 | L           | M              | R             |
| LC 080G 06       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 132.80      | 2.372 | 0.738        | 18.75 | L           | M              | R             |
| LC 080G 07       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 108.10      | 1.930 | 0.871        | 22.12 | L           | M              | R             |
| LC 080G 08       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 91.10       | 1.626 | 1.003        | 25.48 | N           | P              | T             |
| LC 080G 09       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 78.70       | 1.405 | 1.136        | 28.85 | N           | P              | T             |
| LC 080G 10       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 69.30       | 1.237 | 1.269        | 32.22 | P           | R              | U             |
| LC 080G 11       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 61.90       | 1.105 | 1.401        | 35.59 | R           | S              | W             |
| LC 080G 12       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85 | 55.90       | 0.998 | 1.534        | 38.96 | S           | T              | X             |
| LC 080G 13       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20 | 51.00       | 0.910 | 1.666        | 42.32 | S           | T              | X             |
| LC 041GG 01      | .500             | 12.70 | .531                     | 13.49 | .041          | 1.04 | 5.557                      | 2.521  | 0.500       | 12.70 | 17.83       | 0.319 | 0.188        | 4.78  | F           | F              | K             |
| LC 041GG 02      |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88 | 13.72       | 0.246 | 0.219        | 5.56  | F           | F              | K             |
| LC 041GG 03      |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 11.16       | 0.200 | 0.250        | 6.35  | F           | F              | K             |
| LC 041GG 04      |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 9.40        | 0.168 | 0.281        | 7.14  | F           | F              | K             |
| LC 041GG 05      |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 8.12        | 0.145 | 0.313        | 7.95  | F           | F              | K             |
| LC 041GG 06      |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 6.38        | 0.114 | 0.375        | 9.53  | G           | G              | L             |
| LC 041GG 07      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 5.26        | 0.094 | 0.437        | 11.10 | G           | G              | L             |
| LC 041GG 08      |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 4.47        | 0.080 | 0.499        | 12.67 | G           | G              | L             |
| LC 041GG 09      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 3.89        | 0.070 | 0.561        | 14.25 | G           | G              | L             |
| LC 041GG 10      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 3.44        | 0.062 | 0.623        | 15.82 | J           | J              | M             |
| LC 041GG 11      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 3.08        | 0.055 | 0.685        | 17.40 | K           | K              | N             |
| LC 041GG 12      |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85 | 2.79        | 0.050 | 0.747        | 18.97 | K           | K              | N             |
| LC 041GG 13      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20 | 2.55        | 0.046 | 0.809        | 20.55 | L           | L              | P             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |        | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|--------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM     | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 062GG 01      | .500             | 12.70  | .531                     | 13.49 | .063          | 1.60 | 17.584                     | 7.976  | 0.500       | 12.70 | 94.76       | 1.696 | 0.314        | 7.98  | F           | G              | L             |
| LC 062GG 02      |                  |        |                          |       |               |      |                            |        | 0.625       | 15.88 | 71.07       | 1.272 | 0.376        | 9.55  | F           | G              | L             |
| LC 062GG 03      |                  |        |                          |       |               |      |                            |        | 0.750       | 19.05 | 56.86       | 1.018 | 0.438        | 11.13 | F           | G              | L             |
| LC 062GG 04      |                  |        |                          |       |               |      |                            |        | 0.875       | 22.23 | 47.38       | 0.848 | 0.500        | 12.70 | F           | G              | L             |
| LC 062GG 05      |                  |        |                          |       |               |      |                            |        | 1.000       | 25.40 | 40.61       | 0.727 | 0.562        | 14.27 | G           | J              | M             |
| LC 062GG 06      |                  |        |                          |       |               |      |                            |        | 1.250       | 31.75 | 31.59       | 0.565 | 0.686        | 17.42 | G           | J              | M             |
| LC 062GG 07      |                  |        |                          |       |               |      |                            |        | 1.500       | 38.10 | 25.84       | 0.463 | 0.810        | 20.57 | G           | J              | M             |
| LC 062GG 08      |                  |        |                          |       |               |      |                            |        | 1.750       | 44.45 | 21.87       | 0.391 | 0.933        | 23.70 | J           | K              | N             |
| LC 062GG 09      |                  |        |                          |       |               |      |                            |        | 2.000       | 50.80 | 18.95       | 0.339 | 1.057        | 26.85 | J           | K              | N             |
| LC 062GG 10      |                  |        |                          |       |               |      |                            |        | 2.250       | 57.15 | 16.72       | 0.299 | 1.181        | 30.00 | J           | K              | N             |
| LC 062GG 11      |                  |        |                          |       |               |      |                            |        | 2.500       | 63.50 | 14.96       | 0.268 | 1.305        | 33.15 | J           | K              | N             |
| LC 062GG 12      |                  |        |                          |       |               |      |                            |        | 2.750       | 69.85 | 13.54       | 0.242 | 1.429        | 36.30 | K           | L              | P             |
| LC 062GG 13      |                  |        |                          |       |               |      |                            |        | 3.000       | 76.20 | 12.36       | 0.221 | 1.552        | 39.42 | L           | M              | R             |
| LC 072GG 01      | .500             | 12.70  | .531                     | 13.49 | .072          | 1.83 | 32.331                     | 14.665 | 0.500       | 12.70 | 200.36      | 3.586 | 0.339        | 8.61  | J           | K              | N             |
| LC 072GG 02      |                  |        |                          |       |               |      |                            |        | 0.625       | 15.88 | 148.29      | 2.654 | 0.405        | 10.29 | J           | K              | N             |
| LC 072GG 03      |                  |        |                          |       |               |      |                            |        | 0.750       | 19.05 | 117.70      | 2.107 | 0.472        | 11.99 | J           | K              | N             |
| LC 072GG 04      |                  |        |                          |       |               |      |                            |        | 0.875       | 22.23 | 97.57       | 1.747 | 0.539        | 13.69 | J           | K              | N             |
| LC 072GG 05      |                  |        |                          |       |               |      |                            |        | 1.000       | 25.40 | 83.33       | 1.492 | 0.606        | 15.39 | K           | L              | P             |
| LC 072GG 06      |                  |        |                          |       |               |      |                            |        | 1.250       | 31.75 | 64.49       | 1.154 | 0.740        | 18.80 | K           | L              | P             |
| LC 072GG 07      |                  |        |                          |       |               |      |                            |        | 1.500       | 38.10 | 52.60       | 0.942 | 0.873        | 22.17 | K           | L              | P             |
| LC 072GG 08      |                  |        |                          |       |               |      |                            |        | 1.750       | 44.45 | 44.41       | 0.795 | 1.007        | 25.58 | M           | N              | S             |
| LC 072GG 09      |                  |        |                          |       |               |      |                            |        | 2.000       | 50.80 | 38.43       | 0.688 | 1.140        | 28.96 | M           | N              | S             |
| LC 072GG 10      |                  |        |                          |       |               |      |                            |        | 2.250       | 57.15 | 33.87       | 0.606 | 1.274        | 32.36 | N           | P              | T             |
| LC 072GG 11      |                  |        |                          |       |               |      |                            |        | 2.500       | 63.50 | 30.27       | 0.542 | 1.408        | 35.76 | P           | R              | U             |
| LC 072GG 12      |                  |        |                          |       |               |      |                            |        | 2.750       | 69.85 | 27.37       | 0.490 | 1.541        | 39.14 | R           | S              | W             |
| LC 072GG 13      |                  |        |                          |       |               |      |                            |        | 3.000       | 76.20 | 24.97       | 0.447 | 1.675        | 42.55 | R           | S              | W             |
| LC 072GG 14      |                  |        |                          |       |               |      |                            |        | 3.250       | 82.55 | 22.96       | 0.411 | 1.809        | 45.95 | R           | S              | W             |
| LC 072GG 15      |                  |        |                          |       |               |      |                            |        | 3.500       | 88.90 | 21.25       | 0.380 | 1.942        | 49.33 | R           | S              | W             |
| LC 041GH 01      | .540             | 13.716 | .562                     | 14.28 | .041          | 1.04 | 7.500                      | 3.390  | 0.500       | 12.70 | 21.00       | 0.375 | 0.155        | 3.93  | F           | G              | L             |
| LC 041GH 02      |                  |        |                          |       |               |      |                            |        | 0.625       | 15.88 | 16.30       | 0.291 | 0.177        | 4.51  | F           | G              | L             |
| LC 041GH 03      |                  |        |                          |       |               |      |                            |        | 0.750       | 19.05 | 13.30       | 0.237 | 0.197        | 5.01  | F           | G              | L             |
| LC 041GH 04      |                  |        |                          |       |               |      |                            |        | 0.875       | 22.23 | 11.20       | 0.200 | 0.217        | 5.51  | F           | G              | L             |
| LC 041GH 05      |                  |        |                          |       |               |      |                            |        | 1.000       | 25.40 | 9.70        | 0.173 | 0.237        | 6.01  | F           | G              | L             |
| LC 041GH 06      |                  |        |                          |       |               |      |                            |        | 1.250       | 31.75 | 7.60        | 0.136 | 0.276        | 7.01  | G           | J              | M             |
| LC 041GH 07      |                  |        |                          |       |               |      |                            |        | 1.500       | 38.10 | 6.30        | 0.113 | 0.315        | 8.01  | G           | J              | M             |
| LC 041GH 08      |                  |        |                          |       |               |      |                            |        | 1.750       | 44.45 | 5.30        | 0.095 | 0.355        | 9.02  | G           | J              | M             |
| LC 041GH 09      |                  |        |                          |       |               |      |                            |        | 2.000       | 50.80 | 4.60        | 0.082 | 0.395        | 10.02 | G           | J              | M             |
| LC 041GH 10      |                  |        |                          |       |               |      |                            |        | 2.250       | 57.15 | 4.10        | 0.073 | 0.434        | 11.02 | G           | J              | M             |
| LC 041GH 11      |                  |        |                          |       |               |      |                            |        | 2.500       | 63.50 | 3.70        | 0.066 | 0.473        | 12.02 | G           | J              | M             |
| LC 041GH 12      |                  |        |                          |       |               |      |                            |        | 2.750       | 69.85 | 3.30        | 0.059 | 0.513        | 13.02 | G           | J              | M             |
| LC 041GH 13      |                  |        |                          |       |               |      |                            |        | 3.000       | 76.20 | 3.00        | 0.054 | 0.552        | 14.02 | G           | J              | M             |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

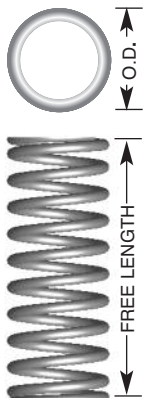
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |        | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|--------|--------------------------|-------|---------------|------|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM     | IN.                      | MM    | IN.           | MM   | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 046GH 01      | .540             | 13.716 | .562                     | 14.28 | .046          | 1.17 | 10.000                     | 4.540 | 0.500       | 12.70 | 31.00       | 0.554 | 0.181        | 4.60  | F           | G              | L             |
| LC 046GH 02      |                  |        |                          |       |               |      |                            |       | 0.625       | 15.88 | 24.00       | 0.429 | 0.208        | 5.30  | F           | G              | L             |
| LC 046GH 03      |                  |        |                          |       |               |      |                            |       | 0.750       | 19.05 | 19.50       | 0.348 | 0.233        | 5.93  | F           | G              | L             |
| LC 046GH 04      |                  |        |                          |       |               |      |                            |       | 0.875       | 22.23 | 16.40       | 0.292 | 0.258        | 6.56  | F           | G              | L             |
| LC 046GH 05      |                  |        |                          |       |               |      |                            |       | 1.000       | 25.40 | 14.10       | 0.252 | 0.283        | 7.20  | F           | G              | L             |
| LC 046GH 06      |                  |        |                          |       |               |      |                            |       | 1.250       | 31.75 | 11.07       | 0.198 | 0.333        | 8.47  | G           | J              | M             |
| LC 046GH 07      |                  |        |                          |       |               |      |                            |       | 1.500       | 38.10 | 9.10        | 0.162 | 0.383        | 9.74  | G           | J              | M             |
| LC 046GH 08      |                  |        |                          |       |               |      |                            |       | 1.750       | 44.45 | 7.73        | 0.138 | 0.433        | 11.01 | J           | K              | N             |
| LC 046GH 09      |                  |        |                          |       |               |      |                            |       | 2.000       | 50.80 | 6.72        | 0.120 | 0.483        | 12.28 | J           | K              | N             |
| LC 046GH 10      |                  |        |                          |       |               |      |                            |       | 2.250       | 57.15 | 5.94        | 0.106 | 0.533        | 13.55 | J           | K              | N             |
| LC 046GH 11      |                  |        |                          |       |               |      |                            |       | 2.500       | 63.50 | 5.32        | 0.095 | 0.583        | 14.82 | J           | K              | N             |
| LC 046GH 12      |                  |        |                          |       |               |      |                            |       | 2.750       | 69.85 | 4.82        | 0.086 | 0.633        | 16.09 | K           | L              | P             |
| LC 046GH 13      |                  |        |                          |       |               |      |                            |       | 3.000       | 76.20 | 4.41        | 0.079 | 0.683        | 17.36 | K           | L              | P             |
| LC 054GH 01      | .540             | 13.716 | .562                     | 14.28 | .054          | 1.37 | 16.000                     | 7.260 | 0.500       | 12.70 | 57.30       | 1.020 | 0.223        | 5.66  | F           | G              | L             |
| LC 054GH 02      |                  |        |                          |       |               |      |                            |       | 0.625       | 15.88 | 43.40       | 0.775 | 0.256        | 6.51  | F           | G              | L             |
| LC 054GH 03      |                  |        |                          |       |               |      |                            |       | 0.750       | 19.05 | 35.00       | 0.625 | 0.290        | 7.36  | F           | G              | L             |
| LC 054GH 04      |                  |        |                          |       |               |      |                            |       | 0.875       | 22.23 | 29.30       | 0.523 | 0.323        | 8.21  | F           | G              | L             |
| LC 054GH 05      |                  |        |                          |       |               |      |                            |       | 1.000       | 25.40 | 25.20       | 0.450 | 0.356        | 9.05  | F           | G              | L             |
| LC 054GH 06      |                  |        |                          |       |               |      |                            |       | 1.250       | 31.75 | 19.70       | 0.351 | 0.423        | 10.75 | G           | J              | M             |
| LC 054GH 07      |                  |        |                          |       |               |      |                            |       | 1.500       | 38.10 | 16.10       | 0.288 | 0.490        | 12.45 | G           | J              | M             |
| LC 054GH 08      |                  |        |                          |       |               |      |                            |       | 1.750       | 44.45 | 13.70       | 0.244 | 0.557        | 14.15 | J           | K              | N             |
| LC 054GH 09      |                  |        |                          |       |               |      |                            |       | 2.000       | 50.80 | 11.90       | 0.212 | 0.624        | 15.84 | J           | K              | N             |
| LC 054GH 10      |                  |        |                          |       |               |      |                            |       | 2.250       | 57.15 | 10.50       | 0.187 | 0.691        | 17.54 | J           | K              | N             |
| LC 054GH 11      |                  |        |                          |       |               |      |                            |       | 2.500       | 63.50 | 9.40        | 0.168 | 0.757        | 19.24 | J           | K              | N             |
| LC 054GH 12      |                  |        |                          |       |               |      |                            |       | 2.750       | 69.85 | 8.50        | 0.152 | 0.824        | 20.94 | K           | L              | P             |
| LC 054GH 13      |                  |        |                          |       |               |      |                            |       | 3.000       | 76.20 | 7.76        | 0.139 | 0.891        | 22.63 | K           | L              | P             |
| LC 058GH 01      | .540             | 13.716 | .562                     | 14.28 | .058          | 1.47 | 20.000                     | 9.100 | 0.500       | 12.70 | 75.80       | 1.353 | 0.242        | 6.15  | F           | G              | L             |
| LC 058GH 02      |                  |        |                          |       |               |      |                            |       | 0.625       | 15.88 | 57.20       | 1.021 | 0.280        | 7.11  | F           | G              | L             |
| LC 058GH 03      |                  |        |                          |       |               |      |                            |       | 0.750       | 19.05 | 45.90       | 0.820 | 0.318        | 8.07  | F           | G              | L             |
| LC 058GH 04      |                  |        |                          |       |               |      |                            |       | 0.875       | 22.23 | 38.40       | 0.685 | 0.355        | 9.02  | F           | G              | L             |
| LC 058GH 05      |                  |        |                          |       |               |      |                            |       | 1.000       | 25.40 | 33.00       | 0.588 | 0.393        | 10.00 | G           | J              | M             |
| LC 058GH 06      |                  |        |                          |       |               |      |                            |       | 1.250       | 31.75 | 25.70       | 0.459 | 0.469        | 11.90 | G           | J              | M             |
| LC 058GH 07      |                  |        |                          |       |               |      |                            |       | 1.500       | 38.10 | 21.00       | 0.375 | 0.544        | 13.82 | G           | J              | M             |
| LC 058GH 08      |                  |        |                          |       |               |      |                            |       | 1.750       | 44.45 | 17.80       | 0.318 | 0.620        | 15.74 | J           | K              | N             |
| LC 058GH 09      |                  |        |                          |       |               |      |                            |       | 2.000       | 50.80 | 15.50       | 0.276 | 0.695        | 17.66 | J           | K              | N             |
| LC 058GH 10      |                  |        |                          |       |               |      |                            |       | 2.250       | 57.15 | 13.70       | 0.244 | 0.771        | 19.58 | J           | K              | N             |
| LC 058GH 11      |                  |        |                          |       |               |      |                            |       | 2.500       | 63.50 | 12.20       | 0.218 | 0.846        | 21.50 | J           | K              | N             |
| LC 058GH 12      |                  |        |                          |       |               |      |                            |       | 2.750       | 69.85 | 11.00       | 0.197 | 0.922        | 23.41 | L           | M              | R             |
| LC 058GH 13      |                  |        |                          |       |               |      |                            |       | 3.000       | 76.20 | 10.10       | 0.180 | 0.997        | 25.33 | L           | M              | R             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |        | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|--------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM     | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 063GH 01      | .540             | 13.716 | .562                     | 14.28 | .063          | 1.60 | 25.000                     | 11.340 | 0.500       | 12.70  | 105.40      | 1.880 | 0.266        | 6.76  | F           | J              | M             |
| LC 063GH 02      |                  |        |                          |       |               |      |                            |        | 0.625       | 15.88  | 79.00       | 1.410 | 0.310        | 7.87  | F           | J              | M             |
| LC 063GH 03      |                  |        |                          |       |               |      |                            |        | 0.750       | 19.05  | 63.20       | 1.130 | 0.353        | 8.97  | F           | J              | M             |
| LC 063GH 04      |                  |        |                          |       |               |      |                            |        | 0.875       | 22.23  | 52.60       | 0.939 | 0.397        | 10.08 | F           | J              | M             |
| LC 063GH 05      |                  |        |                          |       |               |      |                            |        | 1.000       | 25.40  | 45.10       | 0.805 | 0.440        | 11.18 | G           | K              | N             |
| LC 063GH 06      |                  |        |                          |       |               |      |                            |        | 1.250       | 31.75  | 35.10       | 0.626 | 0.527        | 13.39 | G           | K              | N             |
| LC 063GH 07      |                  |        |                          |       |               |      |                            |        | 1.500       | 38.10  | 28.70       | 0.512 | 0.614        | 15.60 | G           | K              | N             |
| LC 063GH 08      |                  |        |                          |       |               |      |                            |        | 1.750       | 44.45  | 24.30       | 0.433 | 0.701        | 17.81 | J           | L              | P             |
| LC 063GH 09      |                  |        |                          |       |               |      |                            |        | 2.000       | 50.80  | 21.00       | 0.375 | 0.788        | 20.02 | J           | L              | P             |
| LC 063GH 10      |                  |        |                          |       |               |      |                            |        | 2.250       | 57.15  | 18.60       | 0.331 | 0.875        | 22.23 | J           | L              | P             |
| LC 063GH 11      |                  |        |                          |       |               |      |                            |        | 2.500       | 63.50  | 16.60       | 0.296 | 0.962        | 24.44 | J           | L              | P             |
| LC 063GH 12      |                  |        |                          |       |               |      |                            |        | 2.750       | 69.85  | 15.00       | 0.268 | 1.049        | 26.65 | L           | N              | S             |
| LC 063GH 13      |                  |        |                          |       |               |      |                            |        | 3.000       | 76.20  | 13.70       | 0.245 | 1.136        | 28.86 | L           | N              | S             |
| LC 067GH 01      | .540             | 13.716 | .562                     | 14.28 | .067          | 1.70 | 30.000                     | 13.610 | 0.500       | 12.70  | 137.00      | 2.440 | 0.284        | 7.22  | F           | J              | M             |
| LC 067GH 02      |                  |        |                          |       |               |      |                            |        | 0.625       | 15.88  | 102.00      | 1.820 | 0.332        | 8.43  | F           | J              | M             |
| LC 067GH 03      |                  |        |                          |       |               |      |                            |        | 0.750       | 19.05  | 81.20       | 1.450 | 0.380        | 9.65  | G           | K              | N             |
| LC 067GH 04      |                  |        |                          |       |               |      |                            |        | 0.875       | 22.23  | 67.50       | 1.200 | 0.428        | 10.86 | G           | K              | N             |
| LC 067GH 05      |                  |        |                          |       |               |      |                            |        | 1.000       | 25.40  | 57.70       | 1.030 | 0.476        | 12.08 | G           | K              | N             |
| LC 067GH 06      |                  |        |                          |       |               |      |                            |        | 1.250       | 31.75  | 44.80       | 0.780 | 0.571        | 14.51 | G           | K              | N             |
| LC 067GH 07      |                  |        |                          |       |               |      |                            |        | 1.500       | 38.10  | 36.60       | 0.653 | 0.667        | 16.94 | G           | K              | N             |
| LC 067GH 08      |                  |        |                          |       |               |      |                            |        | 1.750       | 44.45  | 31.00       | 0.552 | 0.763        | 19.37 | G           | K              | N             |
| LC 067GH 09      |                  |        |                          |       |               |      |                            |        | 2.000       | 50.80  | 26.80       | 0.478 | 0.858        | 21.80 | K           | K              | N             |
| LC 067GH 10      |                  |        |                          |       |               |      |                            |        | 2.250       | 57.15  | 23.60       | 0.422 | 0.954        | 24.23 | K           | M              | R             |
| LC 067GH 11      |                  |        |                          |       |               |      |                            |        | 2.500       | 63.50  | 21.10       | 0.377 | 1.050        | 26.67 | K           | M              | R             |
| LC 067GH 12      |                  |        |                          |       |               |      |                            |        | 2.750       | 69.85  | 19.10       | 0.341 | 1.146        | 29.10 | L           | N              | S             |
| LC 067GH 13      |                  |        |                          |       |               |      |                            |        | 3.000       | 76.20  | 17.50       | 0.311 | 1.241        | 31.53 | L           | N              | S             |
| LC 054GJ 01      | .563             | 14.30  | .594                     | 15.09 | .054          | 1.37 | 11.143                     | 5.054  | 0.625       | 15.88  | 32.16       | 0.576 | 0.279        | 7.09  | F           | G              | L             |
| LC 054GJ 02      |                  |        |                          |       |               |      |                            |        | 0.750       | 19.05  | 25.90       | 0.464 | 0.319        | 8.10  | F           | G              | L             |
| LC 054GJ 03      |                  |        |                          |       |               |      |                            |        | 0.875       | 22.23  | 21.68       | 0.388 | 0.359        | 9.12  | F           | G              | L             |
| LC 054GJ 04      |                  |        |                          |       |               |      |                            |        | 1.000       | 25.40  | 18.64       | 0.334 | 0.400        | 10.16 | F           | G              | L             |
| LC 054GJ 05      |                  |        |                          |       |               |      |                            |        | 1.250       | 31.75  | 14.56       | 0.261 | 0.481        | 12.22 | G           | J              | M             |
| LC 054GJ 06      |                  |        |                          |       |               |      |                            |        | 1.500       | 38.10  | 11.95       | 0.214 | 0.562        | 14.27 | G           | J              | M             |
| LC 054GJ 07      |                  |        |                          |       |               |      |                            |        | 1.750       | 44.45  | 10.13       | 0.181 | 0.642        | 16.31 | J           | K              | N             |
| LC 054GJ 08      |                  |        |                          |       |               |      |                            |        | 2.000       | 50.80  | 8.79        | 0.157 | 0.723        | 18.36 | J           | K              | N             |
| LC 054GJ 09      |                  |        |                          |       |               |      |                            |        | 2.250       | 57.15  | 7.76        | 0.139 | 0.804        | 20.42 | J           | K              | N             |
| LC 054GJ 10      |                  |        |                          |       |               |      |                            |        | 2.500       | 63.50  | 6.95        | 0.124 | 0.885        | 22.48 | J           | K              | N             |
| LC 054GJ 11      |                  |        |                          |       |               |      |                            |        | 3.000       | 76.20  | 5.75        | 0.103 | 1.047        | 26.59 | K           | L              | P             |
| LC 054GJ 12      |                  |        |                          |       |               |      |                            |        | 3.250       | 82.55  | 5.29        | 0.095 | 1.128        | 28.65 | K           | L              | P             |
| LC 054GJ 13      |                  |        |                          |       |               |      |                            |        | 3.500       | 88.90  | 4.90        | 0.088 | 1.209        | 30.71 | L           | M              | R             |
| LC 054GJ 14      |                  |        |                          |       |               |      |                            |        | 3.750       | 95.25  | 4.57        | 0.082 | 1.290        | 32.77 | L           | M              | R             |
| LC 054GJ 15      |                  |        |                          |       |               |      |                            |        | 4.000       | 101.60 | 4.27        | 0.076 | 1.370        | 34.80 | L           | M              | R             |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

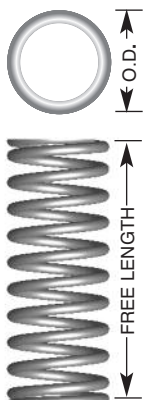
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
|                  |                  |       |                          |       |               |      |                            |        |             |        |             |       |              |       | M           | S              | S316          |
| LC 091GJ 01      | .563             | 14.30 | .594                     | 15.88 | .092          | 2.31 | 82.267                     | 37.316 | 0.625       | 15.88  | 397.57      | 7.117 | 0.418        | 10.62 | L           | P              | Special Order |
| LC 091GJ 02      |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05  | 310.08      | 5.550 | 0.483        | 12.27 | L           | P              |               |
| LC 091GJ 03      |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 254.15      | 4.549 | 0.548        | 13.92 | L           | R              |               |
| LC 091GJ 04      |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 215.31      | 3.854 | 0.613        | 15.57 | M           | R              |               |
| LC 091GJ 05      |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 164.91      | 2.952 | 0.743        | 18.87 | M           | S              |               |
| LC 091GJ 06      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 133.63      | 2.392 | 0.874        | 22.20 | M           | T              |               |
| LC 091GJ 07      |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 112.33      | 2.011 | 1.004        | 25.50 | N           | T              |               |
| LC 091GJ 08      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 96.88       | 1.734 | 1.134        | 28.80 | N           | U              |               |
| LC 091GJ 09      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 85.17       | 1.524 | 1.264        | 32.11 | N           | U              |               |
| LC 091GJ 10      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 75.98       | 1.360 | 1.394        | 35.41 | P           | W              |               |
| LC 091GJ 11      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 62.50       | 1.119 | 1.654        | 42.01 | P           | X              |               |
| LC 091GJ 12      |                  |       |                          |       |               |      |                            |        | 3.250       | 82.55  | 57.41       | 1.028 | 1.785        | 45.34 | P           | Y              |               |
| LC 091GJ 13      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 53.08       | 0.950 | 1.915        | 48.64 | R           | Y              |               |
| LC 091GJ 14      |                  |       |                          |       |               |      |                            |        | 3.750       | 95.25  | 49.36       | 0.884 | 2.045        | 51.94 | R           | Z              |               |
| LC 091GJ 15      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 46.13       | 0.826 | 2.175        | 55.25 | R           | Z              |               |
| LC 045H 0        | .600             | 15.24 | .625                     | 15.88 | .045          | 1.14 | 7.586                      | 3.441  | 0.500       | 12.70  | 21.70       | 0.388 | 0.170        | 4.32  | F           | G              | L             |
| LC 045H 01       |                  |       |                          |       |               |      |                            |        | 0.625       | 15.88  | 18.00       | 0.321 | 0.181        | 4.60  | F           | G              | L             |
| LC 045H 02       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05  | 15.00       | 0.267 | 0.204        | 5.18  | F           | G              | L             |
| LC 045H 03       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 12.00       | 0.214 | 0.226        | 5.74  | F           | G              | L             |
| LC 045H 04       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 10.50       | 0.187 | 0.249        | 6.32  | F           | G              | L             |
| LC 045H 05       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 8.00        | 0.143 | 0.294        | 7.47  | G           | J              | M             |
| LC 045H 06       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 6.50        | 0.116 | 0.350        | 8.89  | G           | J              | M             |
| LC 045H 07       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 5.50        | 0.098 | 0.387        | 9.83  | G           | J              | M             |
| LC 045H 08       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 4.75        | 0.085 | 0.443        | 11.00 | G           | J              | M             |
| LC 045H 09       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 4.20        | 0.075 | 0.486        | 12.34 | G           | J              | M             |
| LC 045H 10       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 3.75        | 0.067 | 0.532        | 13.51 | G           | J              | M             |
| LC 045H 11       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 3.40        | 0.061 | 0.576        | 14.63 | G           | J              | M             |
| LC 045H 12       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 3.10        | 0.055 | 0.622        | 15.80 | G           | J              | M             |
| LC 045H 13       |                  |       |                          |       |               |      |                            |        | 3.250       | 82.55  | 2.86        | 0.051 | 0.667        | 16.94 | L           | M              | R             |
| LC 045H 14       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 2.65        | 0.047 | 0.711        | 18.06 | L           | M              | R             |
| LC 049H 01       | .600             | 15.24 | .625                     | 15.88 | .049          | 1.24 | 12.000                     | 5.435  | 0.625       | 15.88  | 28.00       | 0.499 | 0.200        | 5.08  | F           | G              | L             |
| LC 049H 02       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05  | 23.00       | 0.410 | 0.221        | 5.61  | F           | G              | L             |
| LC 049H 03       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 19.00       | 0.339 | 0.245        | 6.22  | F           | G              | L             |
| LC 049H 04       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 16.00       | 0.285 | 0.270        | 6.86  | F           | G              | L             |
| LC 049H 05       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 13.00       | 0.232 | 0.304        | 7.72  | G           | J              | M             |
| LC 049H 06       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 10.00       | 0.178 | 0.368        | 9.35  | G           | J              | M             |
| LC 049H 07       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 8.50        | 0.152 | 0.417        | 10.59 | J           | K              | N             |
| LC 049H 08       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 7.50        | 0.134 | 0.451        | 11.46 | J           | K              | N             |
| LC 049H 09       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 6.50        | 0.116 | 0.500        | 12.70 | J           | K              | N             |
| LC 049H 10       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 5.75        | 0.102 | 0.550        | 13.97 | J           | K              | N             |
| LC 049H 11       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 5.08        | 0.091 | 0.606        | 15.39 | K           | L              | P             |
| LC 049H 12       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 4.64        | 0.083 | 0.654        | 16.61 | K           | L              | P             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 055H 01       | .600             | 15.24 | .625                     | 15.88 | .055          | 1.40 | 16.300                     | 7.394  | 0.625       | 15.88 | 40.00       | 0.714 | 0.228        | 5.79  | F           | G              | L             |
| LC 055H 02       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 33.00       | 0.588 | 0.249        | 6.32  | F           | G              | L             |
| LC 055H 03       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 27.00       | 0.482 | 0.290        | 7.37  | F           | G              | L             |
| LC 055H 04       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 24.00       | 0.428 | 0.317        | 8.05  | F           | G              | L             |
| LC 055H 05       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 19.00       | 0.339 | 0.359        | 9.12  | G           | J              | M             |
| LC 055H 06       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 15.00       | 0.268 | 0.428        | 10.87 | G           | J              | M             |
| LC 055H 07       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 12.75       | 0.227 | 0.478        | 12.14 | J           | K              | N             |
| LC 055H 08       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 11.00       | 0.196 | 0.542        | 13.77 | J           | K              | N             |
| LC 055H 09       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 9.75        | 0.174 | 0.599        | 15.21 | J           | K              | N             |
| LC 055H 10       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 8.90        | 0.159 | 0.657        | 16.69 | J           | K              | N             |
| LC 055H 11       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85 | 7.73        | 0.138 | 0.725        | 18.41 | K           | L              | P             |
| LC 055H 12       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20 | 7.08        | 0.126 | 0.780        | 19.81 | K           | L              | P             |
| LC 059H 01       | .600             | 15.24 | .625                     | 15.88 | .059          | 1.50 | 19.500                     | 8.832  | 0.625       | 15.88 | 53.00       | 0.945 | 0.258        | 6.55  | F           | G              | L             |
| LC 059H 02       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 42.00       | 0.749 | 0.288        | 7.32  | F           | G              | L             |
| LC 059H 03       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 35.00       | 0.624 | 0.317        | 8.05  | F           | G              | L             |
| LC 059H 04       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 30.00       | 0.535 | 0.352        | 8.94  | G           | J              | M             |
| LC 059H 05       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 24.00       | 0.428 | 0.425        | 10.80 | G           | J              | M             |
| LC 059H 06       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 19.00       | 0.339 | 0.482        | 12.24 | G           | J              | M             |
| LC 059H 07       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 16.00       | 0.285 | 0.556        | 14.12 | J           | K              | N             |
| LC 059H 08       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 14.00       | 0.250 | 0.615        | 15.62 | J           | K              | N             |
| LC 059H 09       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 12.50       | 0.223 | 0.705        | 17.91 | J           | K              | N             |
| LC 059H 10       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 11.25       | 0.200 | 0.777        | 19.74 | J           | K              | N             |
| LC 059H 11       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85 | 9.30        | 0.166 | 0.857        | 21.77 | L           | M              | R             |
| LC 059H 12       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20 | 8.50        | 0.152 | 0.924        | 23.47 | L           | M              | R             |
| LC 063H 01       | .600             | 15.24 | .625                     | 15.88 | .063          | 1.60 | 23.000                     | 10.433 | 0.625       | 15.88 | 64.00       | 1.143 | 0.285        | 7.24  | F           | J              | M             |
| LC 063H 02       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05 | 53.00       | 0.945 | 0.316        | 8.03  | F           | J              | M             |
| LC 063H 03       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23 | 45.00       | 0.804 | 0.347        | 8.81  | F           | J              | M             |
| LC 063H 04       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40 | 38.00       | 0.678 | 0.379        | 9.63  | G           | K              | N             |
| LC 063H 05       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75 | 30.00       | 0.535 | 0.457        | 11.61 | G           | K              | N             |
| LC 063H 06       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10 | 24.00       | 0.429 | 0.552        | 14.02 | G           | K              | N             |
| LC 063H 07       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45 | 20.00       | 0.357 | 0.619        | 15.72 | J           | L              | P             |
| LC 063H 08       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80 | 17.50       | 0.312 | 0.692        | 17.58 | J           | L              | P             |
| LC 063H 09       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15 | 15.50       | 0.276 | 0.761        | 19.33 | J           | L              | P             |
| LC 063H 10       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50 | 14.00       | 0.250 | 0.842        | 21.39 | J           | L              | P             |
| LC 063H 11       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85 | 12.17       | 0.217 | 0.927        | 23.45 | L           | N              | S             |
| LC 063H 12       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20 | 11.11       | 0.198 | 1.002        | 25.45 | L           | N              | S             |
| LC 063H 13       |                  |       |                          |       |               |      |                            |        | 3.250       | 82.55 | 10.20       | 0.182 | 1.077        | 27.36 | M           | P              | T             |
| LC 063H 14       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90 | 9.50        | 0.170 | 1.153        | 29.29 | M           | P              | T             |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

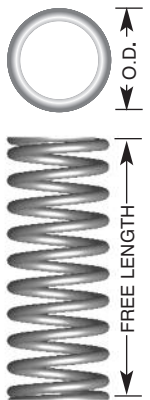
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 067H 01       | .600             | 15.24 | .625                     | 15.88 | .067          | 1.70 | 26.000                     | 11.794 | 0.625       | 15.88  | 80.00       | 1.429 | 0.302        | 7.67  | F           | J              | M             |
| LC 067H 02       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05  | 63.00       | 1.123 | 0.361        | 9.17  | G           | K              | N             |
| LC 067H 03       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 50.00       | 0.892 | 0.403        | 10.24 | G           | K              | N             |
| LC 067H 04       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 45.00       | 0.804 | 0.436        | 11.07 | G           | K              | N             |
| LC 067H 05       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 34.00       | 0.606 | 0.537        | 13.64 | G           | K              | N             |
| LC 067H 06       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 29.00       | 0.517 | 0.605        | 15.37 | G           | K              | N             |
| LC 067H 07       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 24.00       | 0.429 | 0.705        | 17.91 | G           | K              | N             |
| LC 067H 08       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 19.50       | 0.348 | 0.842        | 21.39 | K           | M              | R             |
| LC 067H 09       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 17.00       | 0.303 | 0.944        | 23.98 | K           | M              | R             |
| LC 067H 10       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 15.00       | 0.267 | 1.057        | 26.85 | K           | M              | R             |
| LC 067H 11       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 13.40       | 0.239 | 1.143        | 29.03 | L           | N              | S             |
| LC 067H 12       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 12.20       | 0.218 | 1.241        | 31.52 | L           | N              | S             |
| LC 072H 0        | .600             | 15.24 | .625                     | 15.88 | .072          | 1.83 | 30.000                     | 13.608 | 0.625       | 15.88  | 103.00      | 1.839 | 0.346        | 8.79  | G           | K              | N             |
| LC 072H 01       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05  | 78.00       | 1.393 | 0.397        | 10.08 | G           | K              | N             |
| LC 072H 02       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 68.00       | 1.212 | 0.432        | 10.97 | G           | K              | N             |
| LC 072H 03       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 55.00       | 0.981 | 0.506        | 12.85 | G           | K              | N             |
| LC 072H 04       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 45.00       | 0.804 | 0.596        | 15.14 | G           | K              | N             |
| LC 072H 05       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 36.00       | 0.642 | 0.686        | 17.42 | J           | L              | P             |
| LC 072H 06       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 30.00       | 0.535 | 0.795        | 20.19 | J           | L              | P             |
| LC 072H 07       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 26.00       | 0.464 | 0.939        | 23.85 | K           | M              | R             |
| LC 072H 08       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 23.50       | 0.419 | 0.994        | 25.25 | K           | M              | R             |
| LC 072H 09       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 21.00       | 0.374 | 1.085        | 27.56 | K           | M              | R             |
| LC 072H 10       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 19.00       | 0.339 | 1.180        | 29.97 | L           | N              | S             |
| LC 072H 11       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 17.00       | 0.303 | 1.280        | 32.51 | M           | P              | T             |
| LC 080H 01       | .600             | 15.24 | .625                     | 15.88 | .080          | 2.03 | 55.000                     | 24.950 | 0.625       | 15.88  | 193.40      | 3.455 | 0.351        | 8.91  | G           | K              | N             |
| LC 080H 02       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05  | 152.50      | 2.723 | 0.401        | 10.18 | G           | K              | N             |
| LC 080H 03       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 125.80      | 2.247 | 0.451        | 11.46 | G           | K              | N             |
| LC 080H 04       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 107.10      | 1.912 | 0.501        | 12.73 | G           | K              | N             |
| LC 080H 05       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 82.50       | 1.474 | 0.601        | 15.27 | J           | L              | P             |
| LC 080H 06       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 67.10       | 1.199 | 0.701        | 17.81 | J           | L              | P             |
| LC 080H 07       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 56.60       | 1.010 | 0.801        | 20.35 | K           | M              | R             |
| LC 080H 08       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 48.90       | 0.873 | 0.901        | 22.89 | K           | M              | R             |
| LC 080H 09       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 43.00       | 0.769 | 1.001        | 25.43 | K           | M              | R             |
| LC 080H 10       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 38.40       | 0.686 | 1.101        | 27.98 | K           | M              | R             |
| LC 080H 11       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 34.70       | 0.620 | 1.202        | 30.52 | M           | P              | T             |
| LC 080H 12       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 31.70       | 0.566 | 1.302        | 33.06 | M           | P              | T             |
| LC 080H 13       |                  |       |                          |       |               |      |                            |        | 3.250       | 82.55  | 29.10       | 0.520 | 1.361        | 34.57 | N           | P              | T             |
| LC 080H 14       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 27.00       | 0.482 | 1.455        | 36.96 | N           | P              | T             |
| LC 080H 15       |                  |       |                          |       |               |      |                            |        | 3.750       | 95.25  | 25.10       | 0.448 | 1.553        | 39.45 | N           | P              | T             |
| LC 080H 16       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 23.40       | 0.418 | 1.654        | 42.01 | P           | R              | U             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 085H 01       | .600             | 15.24 | .625                     | 15.88 | .085          | 2.16 | 65.350                     | 29.640 | 0.625       | 15.88  | 250.70      | 4.477 | 0.375        | 9.53  | J           | K              | N             |
| LC 085H 02       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05  | 196.60      | 3.511 | 0.430        | 10.93 | J           | K              | N             |
| LC 085H 03       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 161.80      | 2.889 | 0.485        | 12.33 | J           | K              | N             |
| LC 085H 04       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 137.40      | 2.454 | 0.540        | 13.72 | J           | K              | N             |
| LC 085H 05       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 105.60      | 1.886 | 0.650        | 16.52 | K           | L              | P             |
| LC 085H 06       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 85.80       | 1.532 | 0.760        | 19.31 | K           | L              | P             |
| LC 085H 07       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 72.20       | 1.289 | 0.870        | 22.10 | L           | M              | R             |
| LC 085H 08       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 62.30       | 1.113 | 0.980        | 24.90 | L           | M              | R             |
| LC 085H 09       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 54.80       | 0.979 | 1.090        | 27.69 | L           | M              | R             |
| LC 085H 10       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 49.00       | 0.875 | 1.200        | 30.48 | L           | M              | R             |
| LC 085H 11       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 44.20       | 0.789 | 1.310        | 33.28 | N           | P              | T             |
| LC 085H 12       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 40.30       | 0.720 | 1.420        | 36.07 | N           | P              | T             |
| LC 085H 13       |                  |       |                          |       |               |      |                            |        | 3.250       | 82.55  | 37.00       | 0.661 | 1.532        | 38.90 | N           | P              | T             |
| LC 085H 14       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 34.25       | 0.612 | 1.640        | 41.67 | N           | P              | T             |
| LC 085H 15       |                  |       |                          |       |               |      |                            |        | 3.750       | 95.25  | 31.90       | 0.570 | 1.697        | 43.10 | N           | P              | T             |
| LC 085H 16       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 29.80       | 0.532 | 1.805        | 45.85 | P           | R              | U             |
| LC 092H 01       | .600             | 15.24 | .625                     | 15.88 | .092          | 2.34 | 89.350                     | 40.530 | 0.625       | 15.88  | 373.60      | 6.672 | 0.397        | 10.09 | K           | L              | P             |
| LC 092H 02       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05  | 291.00      | 5.197 | 0.456        | 11.59 | K           | L              | P             |
| LC 092H 03       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 238.40      | 4.257 | 0.515        | 13.09 | K           | L              | P             |
| LC 092H 04       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 201.90      | 3.606 | 0.574        | 14.59 | K           | L              | P             |
| LC 092H 05       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 154.50      | 2.759 | 0.692        | 17.58 | L           | M              | R             |
| LC 092H 06       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 125.20      | 2.236 | 0.810        | 20.57 | L           | M              | R             |
| LC 092H 07       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 105.20      | 1.879 | 0.928        | 23.57 | M           | N              | S             |
| LC 092H 08       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 90.70       | 1.620 | 1.046        | 26.56 | M           | N              | S             |
| LC 092H 09       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 79.80       | 1.425 | 1.164        | 29.55 | M           | N              | S             |
| LC 092H 10       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 71.10       | 1.270 | 1.281        | 32.55 | M           | N              | S             |
| LC 092H 11       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 64.20       | 1.146 | 1.399        | 35.54 | P           | R              | U             |
| LC 092H 12       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 58.50       | 1.045 | 1.517        | 38.53 | P           | R              | U             |
| LC 092H 13       |                  |       |                          |       |               |      |                            |        | 3.250       | 82.55  | 53.80       | 0.961 | 1.633        | 41.49 | P           | R              | U             |
| LC 092H 14       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 49.70       | 0.888 | 1.752        | 44.51 | P           | R              | U             |
| LC 092H 15       |                  |       |                          |       |               |      |                            |        | 3.750       | 95.25  | 46.30       | 0.827 | 1.867        | 47.43 | P           | R              | U             |
| LC 092H 16       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 43.20       | 0.771 | 1.988        | 50.48 | P           | R              | U             |
| LC 098H 01       | .600             | 15.24 | .625                     | 15.88 | .098          | 2.49 | 103.900                    | 47.120 | 0.750       | 19.05  | 387.80      | 6.925 | 0.487        | 12.36 | K           | L              | Special Order |
| LC 098H 02       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 314.10      | 5.609 | 0.553        | 14.05 | K           | L              |               |
| LC 098H 03       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 267.20      | 4.772 | 0.615        | 15.62 | K           | L              |               |
| LC 098H 04       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 203.90      | 3.641 | 0.743        | 18.88 | L           | M              |               |
| LC 098H 05       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 164.80      | 2.943 | 0.872        | 22.14 | L           | M              |               |
| LC 098H 06       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 138.30      | 2.470 | 1.000        | 25.40 | M           | N              |               |
| LC 098H 07       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 119.10      | 2.127 | 1.129        | 28.67 | M           | N              |               |
| LC 098H 08       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 104.60      | 1.868 | 1.257        | 31.93 | M           | N              |               |
| LC 098H 09       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 93.30       | 1.666 | 1.385        | 35.18 | M           | N              |               |
| LC 098H 10       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 84.10       | 1.502 | 1.515        | 38.47 | P           | R              |               |
| LC 098H 11       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 76.60       | 1.368 | 1.643        | 41.73 | P           | R              |               |
| LC 098H 12       |                  |       |                          |       |               |      |                            |        | 3.250       | 82.55  | 70.40       | 1.257 | 1.770        | 44.96 | P           | R              |               |
| LC 098H 13       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 65.00       | 1.161 | 1.900        | 48.27 | P           | R              |               |
| LC 098H 14       |                  |       |                          |       |               |      |                            |        | 3.750       | 95.25  | 60.50       | 1.080 | 2.027        | 51.48 | P           | R              |               |
| LC 098H 15       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 56.50       | 1.009 | 2.156        | 54.76 | P           | R              |               |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

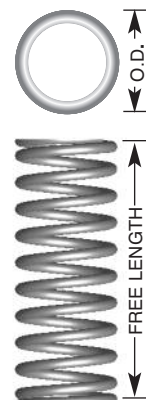
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|--------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB./IN.     | KG/MM  | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 120HH 01      | .625             | 15.88 | .656                     | 16.66 | .120          | 3.05 | 124.175                    | 56.326 | 0.875       | 22.23  | 653.47      | 11.697 | 0.685        | 17.40 | P           | X              | Special Order |
| LC 120HH 02      |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 545.99      | 9.773  | 0.771        | 19.58 | R           | Y              |               |
| LC 120HH 03      |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 410.85      | 7.354  | 0.944        | 23.98 | R           | Z              |               |
| LC 120HH 04      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 329.33      | 5.895  | 1.116        | 28.35 | S           | AA             |               |
| LC 120HH 05      |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 274.80      | 4.919  | 1.288        | 32.72 | T           | AB             |               |
| LC 120HH 06      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 235.77      | 4.220  | 1.461        | 37.11 | U           | AC             |               |
| LC 120HH 07      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 206.44      | 3.695  | 1.633        | 41.48 | U           | AD             |               |
| LC 120HH 08      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 183.61      | 3.287  | 1.805        | 45.85 | W           | AE             |               |
| LC 120HH 09      |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 165.32      | 2.959  | 1.978        | 50.24 | W           | AG             |               |
| LC 120HH 10      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 150.35      | 2.691  | 2.150        | 54.61 | X           | AG             |               |
| LC 120HH 11      |                  |       |                          |       |               |      |                            |        | 3.250       | 82.55  | 137.86      | 2.468  | 2.322        | 58.98 | X           | AK             |               |
| LC 120HH 12      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 127.29      | 2.278  | 2.495        | 63.37 | Y           | AL             |               |
| LC 120HH 13      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 110.36      | 1.975  | 2.839        | 72.11 | Z           | AM             |               |
| LC 049HJ 01      | .660             | 16.76 | .687                     | 17.45 | .049          | 1.24 | 10.000                     | 4.530  | 0.625       | 15.88  | 23.30       | 0.416  | 0.182        | 4.62  | F           | J              | M             |
| LC 049HJ 02      |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05  | 18.20       | 0.325  | 0.210        | 5.34  | G           | K              | N             |
| LC 049HJ 03      |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 15.30       | 0.273  | 0.230        | 5.83  | G           | K              | N             |
| LC 049HJ 04      |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 13.20       | 0.235  | 0.249        | 6.33  | G           | K              | N             |
| LC 049HJ 05      |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 10.30       | 0.184  | 0.288        | 7.32  | G           | K              | N             |
| LC 049HJ 06      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 8.50        | 0.151  | 0.328        | 8.32  | G           | K              | N             |
| LC 049HJ 07      |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 7.20        | 0.128  | 0.367        | 9.31  | G           | K              | N             |
| LC 049HJ 08      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 6.30        | 0.113  | 0.406        | 10.31 | K           | M              | R             |
| LC 049HJ 09      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 5.50        | 0.098  | 0.445        | 11.30 | K           | M              | R             |
| LC 049HJ 10      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 5.00        | 0.089  | 0.484        | 12.30 | K           | M              | R             |
| LC 049HJ 11      |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 4.50        | 0.080  | 0.523        | 13.29 | L           | N              | S             |
| LC 049HJ 12      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 4.10        | 0.073  | 0.562        | 14.28 | L           | N              | S             |
| LC 055HJ 01      | .660             | 16.76 | .687                     | 17.45 | .055          | 1.40 | 15.000                     | 6.800  | 0.625       | 15.88  | 36.00       | 0.643  | 0.210        | 5.34  | J           | L              | P             |
| LC 055HJ 02      |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05  | 28.90       | 0.515  | 0.238        | 6.05  | J           | L              | P             |
| LC 055HJ 03      |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 24.10       | 0.431  | 0.261        | 6.63  | J           | L              | P             |
| LC 055HJ 04      |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 20.80       | 0.371  | 0.284        | 7.22  | J           | L              | P             |
| LC 055HJ 05      |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 16.20       | 0.289  | 0.330        | 8.39  | J           | L              | P             |
| LC 055HJ 06      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 13.30       | 0.237  | 0.377        | 9.56  | J           | L              | P             |
| LC 055HJ 07      |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 11.30       | 0.201  | 0.423        | 10.74 | K           | M              | R             |
| LC 055HJ 08      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 9.80        | 0.175  | 0.469        | 11.91 | K           | M              | R             |
| LC 055HJ 09      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 8.60        | 0.154  | 0.515        | 13.08 | K           | M              | R             |
| LC 055HJ 10      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 7.80        | 0.139  | 0.561        | 14.25 | K           | M              | R             |
| LC 055HJ 11      |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 7.00        | 0.125  | 0.607        | 15.42 | K           | M              | R             |
| LC 055HJ 12      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 6.40        | 0.114  | 0.653        | 16.60 | K           | M              | R             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |       | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|-------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM    | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 063HJ 01      | .660             | 16.76 | .687                     | 17.45 | .063          | 1.600 | 20.000                     | 9.070  | 0.625       | 15.88 | 55.60       | 0.993 | 0.262        | 6.65  | J           | L              | P             |
| LC 063HJ 02      |                  |       |                          |       |               |       |                            |        | 0.750       | 19.05 | 44.50       | 0.794 | 0.293        | 7.45  | J           | L              | P             |
| LC 063HJ 03      |                  |       |                          |       |               |       |                            |        | 0.875       | 22.23 | 37.10       | 0.662 | 0.325        | 8.25  | J           | L              | P             |
| LC 063HJ 04      |                  |       |                          |       |               |       |                            |        | 1.000       | 25.40 | 31.80       | 0.567 | 0.356        | 9.05  | J           | L              | P             |
| LC 063HJ 05      |                  |       |                          |       |               |       |                            |        | 1.250       | 31.75 | 24.70       | 0.441 | 0.419        | 10.65 | K           | M              | R             |
| LC 063HJ 06      |                  |       |                          |       |               |       |                            |        | 1.500       | 38.10 | 20.20       | 0.361 | 0.482        | 12.25 | K           | M              | R             |
| LC 063HJ 07      |                  |       |                          |       |               |       |                            |        | 1.750       | 44.45 | 17.10       | 0.305 | 0.545        | 13.85 | K           | M              | R             |
| LC 063HJ 08      |                  |       |                          |       |               |       |                            |        | 2.000       | 50.80 | 14.80       | 0.265 | 0.608        | 15.45 | K           | M              | R             |
| LC 063HJ 09      |                  |       |                          |       |               |       |                            |        | 2.250       | 57.15 | 13.10       | 0.233 | 0.671        | 17.05 | L           | N              | S             |
| LC 063HJ 10      |                  |       |                          |       |               |       |                            |        | 2.500       | 63.50 | 11.70       | 0.209 | 0.734        | 18.65 | L           | N              | S             |
| LC 063HJ 11      |                  |       |                          |       |               |       |                            |        | 2.750       | 69.85 | 10.60       | 0.189 | 0.797        | 20.25 | L           | N              | S             |
| LC 063HJ 12      |                  |       |                          |       |               |       |                            |        | 3.000       | 76.20 | 9.70        | 0.173 | 0.860        | 21.85 | L           | N              | S             |
| LC 067HJ 01      | .660             | 16.76 | .687                     | 17.45 | .067          | 1.702 | 25.000                     | 11.340 | 0.625       | 15.88 | 70.70       | 1.262 | 0.281        | 7.15  | J           | L              | P             |
| LC 067HJ 02      |                  |       |                          |       |               |       |                            |        | 0.750       | 19.05 | 56.40       | 1.006 | 0.316        | 8.03  | J           | L              | P             |
| LC 067HJ 03      |                  |       |                          |       |               |       |                            |        | 0.875       | 22.23 | 46.90       | 0.837 | 0.351        | 8.92  | J           | L              | P             |
| LC 067HJ 04      |                  |       |                          |       |               |       |                            |        | 1.000       | 25.40 | 40.10       | 0.716 | 0.386        | 9.81  | J           | L              | P             |
| LC 067HJ 05      |                  |       |                          |       |               |       |                            |        | 1.250       | 31.75 | 31.10       | 0.555 | 0.456        | 11.59 | K           | M              | R             |
| LC 067HJ 06      |                  |       |                          |       |               |       |                            |        | 1.500       | 38.10 | 25.50       | 0.454 | 0.526        | 13.36 | K           | M              | R             |
| LC 067HJ 07      |                  |       |                          |       |               |       |                            |        | 1.750       | 44.45 | 21.50       | 0.384 | 0.596        | 15.14 | K           | M              | R             |
| LC 067HJ 08      |                  |       |                          |       |               |       |                            |        | 2.000       | 50.80 | 18.60       | 0.332 | 0.666        | 16.92 | K           | M              | R             |
| LC 067HJ 09      |                  |       |                          |       |               |       |                            |        | 2.250       | 57.15 | 16.50       | 0.293 | 0.736        | 18.69 | L           | N              | S             |
| LC 067HJ 10      |                  |       |                          |       |               |       |                            |        | 2.500       | 63.50 | 14.70       | 0.262 | 0.806        | 20.47 | L           | N              | S             |
| LC 067HJ 11      |                  |       |                          |       |               |       |                            |        | 2.750       | 69.85 | 13.30       | 0.237 | 0.876        | 22.25 | L           | N              | S             |
| LC 067HJ 12      |                  |       |                          |       |               |       |                            |        | 3.000       | 76.20 | 12.10       | 0.216 | 0.946        | 24.02 | L           | N              | S             |
| LC 072HJ 01      | .660             | 16.76 | .687                     | 17.45 | .072          | 1.829 | 30.000                     | 13.610 | 0.625       | 15.88 | 94.10       | 1.680 | 0.306        | 7.76  | J           | M              | R             |
| LC 072HJ 02      |                  |       |                          |       |               |       |                            |        | 0.750       | 19.05 | 74.70       | 1.333 | 0.345        | 8.77  | J           | M              | R             |
| LC 072HJ 03      |                  |       |                          |       |               |       |                            |        | 0.875       | 22.23 | 62.00       | 1.106 | 0.385        | 9.77  | J           | M              | R             |
| LC 072HJ 04      |                  |       |                          |       |               |       |                            |        | 1.000       | 25.40 | 53.00       | 0.944 | 0.424        | 10.77 | J           | M              | R             |
| LC 072HJ 05      |                  |       |                          |       |               |       |                            |        | 1.250       | 31.75 | 41.00       | 0.731 | 0.503        | 12.77 | K           | N              | S             |
| LC 072HJ 06      |                  |       |                          |       |               |       |                            |        | 1.500       | 38.10 | 33.50       | 0.596 | 0.582        | 14.77 | K           | N              | S             |
| LC 072HJ 07      |                  |       |                          |       |               |       |                            |        | 1.750       | 44.45 | 28.20       | 0.503 | 0.661        | 16.78 | K           | N              | S             |
| LC 072HJ 08      |                  |       |                          |       |               |       |                            |        | 2.000       | 50.80 | 24.50       | 0.436 | 0.739        | 18.78 | K           | N              | S             |
| LC 072HJ 09      |                  |       |                          |       |               |       |                            |        | 2.250       | 57.15 | 21.50       | 0.384 | 0.818        | 20.78 | M           | R              | U             |
| LC 072HJ 10      |                  |       |                          |       |               |       |                            |        | 2.500       | 63.50 | 19.20       | 0.343 | 0.897        | 22.78 | M           | R              | U             |
| LC 072HJ 11      |                  |       |                          |       |               |       |                            |        | 2.750       | 69.85 | 17.50       | 0.310 | 0.976        | 24.79 | M           | R              | U             |
| LC 072HJ 12      |                  |       |                          |       |               |       |                            |        | 3.000       | 76.20 | 15.90       | 0.283 | 1.055        | 27.79 | M           | R              | U             |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

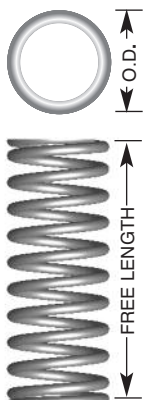
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |         | FREE LENGTH |        | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|---------|-------------|--------|-------------|--------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG      | IN.         | MM     | LB/IN.      | KG/MM  | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 105HK 01      | .688             | 17.46 | .720                     | 18.29 | .105          | 2.67 | 88.549                     | 40.166  | 0.875       | 22.23  | 279.21      | 4.998  | 0.558        | 14.17 | N           | S              | W             |
| LC 105HK 02      |                  |       |                          |       |               |      |                            |         | 1.000       | 25.40  | 235.03      | 4.207  | 0.622        | 15.80 | N           | S              | W             |
| LC 105HK 03      |                  |       |                          |       |               |      |                            |         | 1.250       | 31.75  | 178.53      | 3.196  | 0.750        | 19.05 | N           | S              | W             |
| LC 105HK 04      |                  |       |                          |       |               |      |                            |         | 1.500       | 38.10  | 143.93      | 2.576  | 0.879        | 22.33 | N           | T              | X             |
| LC 105HK 05      |                  |       |                          |       |               |      |                            |         | 1.750       | 44.45  | 120.57      | 2.158  | 1.007        | 25.58 | P           | U              | Y             |
| LC 105HK 06      |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 103.73      | 1.857  | 1.136        | 28.85 | R           | W              | Z             |
| LC 105HK 07      |                  |       |                          |       |               |      |                            |         | 2.250       | 57.15  | 91.02       | 1.629  | 1.264        | 32.11 | S           | X              | AA            |
| LC 105HK 08      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 81.08       | 1.451  | 1.392        | 35.36 | S           | Y              | AB            |
| LC 105HK 09      |                  |       |                          |       |               |      |                            |         | 2.750       | 69.85  | 73.10       | 1.308  | 1.521        | 38.63 | T           | Z              | AC            |
| LC 105HK 10      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 66.55       | 1.191  | 1.649        | 41.88 | U           | AA             | AD            |
| LC 105HK 11      |                  |       |                          |       |               |      |                            |         | 3.250       | 82.55  | 61.08       | 1.093  | 1.778        | 45.16 | U           | AA             | AD            |
| LC 105HK 12      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 56.44       | 1.010  | 1.906        | 48.41 | W           | AB             | AE            |
| LC 105HK 13      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 48.99       | 0.877  | 2.163        | 54.94 | X           | AC             | AG            |
| LC 150HK 01      | .688             | 17.46 | .720                     | 18.29 | .148          | 3.76 | 283.650                    | 128.664 | 0.875       | 22.23  | 1665.33     | 29.739 | 0.703        | 17.86 | U           | AA             | Special Order |
| LC 150HK 02      |                  |       |                          |       |               |      |                            |         | 1.000       | 25.40  | 1367.95     | 24.429 | 0.791        | 20.09 | W           | AB             |               |
| LC 150HK 03      |                  |       |                          |       |               |      |                            |         | 1.063       | 27.00  | 1255.00     | 22.412 | 0.835        | 21.21 | W           | AB             |               |
| LC 150HK 04      |                  |       |                          |       |               |      |                            |         | 1.250       | 31.75  | 1007.96     | 18.000 | 0.968        | 24.59 | W           | AC             |               |
| LC 150HK 05      |                  |       |                          |       |               |      |                            |         | 1.500       | 38.10  | 797.97      | 14.250 | 1.145        | 29.08 | X           | AC             |               |
| LC 150HK 06      |                  |       |                          |       |               |      |                            |         | 1.750       | 44.45  | 660.39      | 11.793 | 1.321        | 33.55 | Y           | AE             |               |
| LC 150HK 07      |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 563.27      | 10.059 | 1.498        | 38.05 | Y           | AG             |               |
| LC 150HK 08      |                  |       |                          |       |               |      |                            |         | 2.250       | 57.15  | 491.06      | 8.769  | 1.674        | 42.52 | Z           | AG             |               |
| LC 150HK 09      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 435.26      | 7.773  | 1.850        | 46.99 | Z           | AK             |               |
| LC 150HK 10      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 354.65      | 6.333  | 2.204        | 55.98 | AB          | AM             |               |
| LC 150HK 11      |                  |       |                          |       |               |      |                            |         | 3.250       | 82.55  | 324.60      | 5.797  | 2.382        | 60.50 | AB          | AM             |               |
| LC 150HK 12      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 299.24      | 5.344  | 2.558        | 64.97 | AB          | AN             |               |
| LC 055J 0        | .720             | 18.29 | .750                     | 19.05 | .055          | 1.40 | 13.000                     | 5.897   | 0.625       | 15.88  | 28.70       | 0.513  | 0.203        | 5.16  | J           | L              | P             |
| LC 055J 01       |                  |       |                          |       |               |      |                            |         | 0.750       | 19.05  | 23.00       | 0.411  | 0.221        | 5.61  | J           | L              | P             |
| LC 055J 02       |                  |       |                          |       |               |      |                            |         | 0.875       | 22.23  | 20.00       | 0.357  | 0.242        | 6.15  | J           | L              | P             |
| LC 055J 03       |                  |       |                          |       |               |      |                            |         | 1.000       | 25.40  | 18.50       | 0.330  | 0.249        | 6.32  | J           | L              | P             |
| LC 055J 04       |                  |       |                          |       |               |      |                            |         | 1.250       | 31.75  | 14.00       | 0.250  | 0.304        | 7.72  | J           | L              | P             |
| LC 055J 05       |                  |       |                          |       |               |      |                            |         | 1.500       | 38.10  | 11.50       | 0.205  | 0.331        | 8.41  | J           | L              | P             |
| LC 055J 06       |                  |       |                          |       |               |      |                            |         | 1.750       | 44.45  | 9.00        | 0.160  | 0.400        | 10.16 | K           | M              | R             |
| LC 055J 07       |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 8.50        | 0.152  | 0.421        | 10.69 | K           | M              | R             |
| LC 055J 08       |                  |       |                          |       |               |      |                            |         | 2.250       | 57.15  | 7.25        | 0.129  | 0.467        | 11.86 | K           | M              | R             |
| LC 055J 09       |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 6.60        | 0.118  | 0.516        | 13.11 | K           | M              | R             |
| LC 055J 10       |                  |       |                          |       |               |      |                            |         | 2.750       | 69.85  | 6.00        | 0.107  | 0.548        | 13.92 | K           | M              | R             |
| LC 055J 11       |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 5.50        | 0.098  | 0.587        | 14.91 | K           | M              | R             |
| LC 059J 01       | .720             | 18.29 | .750                     | 19.05 | .059          | 1.50 | 17.000                     | 7.710   | 0.750       | 19.05  | 32.90       | 0.588  | 0.238        | 6.04  | J           | L              | P             |
| LC 059J 02       |                  |       |                          |       |               |      |                            |         | 0.875       | 22.23  | 27.30       | 0.488  | 0.262        | 6.65  | J           | L              | P             |
| LC 059J 03       |                  |       |                          |       |               |      |                            |         | 1.000       | 25.40  | 23.50       | 0.420  | 0.284        | 7.22  | J           | L              | P             |
| LC 059J 04       |                  |       |                          |       |               |      |                            |         | 1.250       | 31.75  | 18.30       | 0.327  | 0.331        | 8.40  | J           | L              | P             |
| LC 059J 05       |                  |       |                          |       |               |      |                            |         | 1.500       | 38.10  | 15.00       | 0.268  | 0.377        | 9.56  | J           | L              | P             |
| LC 059J 06       |                  |       |                          |       |               |      |                            |         | 1.750       | 44.45  | 12.70       | 0.227  | 0.423        | 10.74 | K           | M              | R             |
| LC 059J 07       |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 11.00       | 0.196  | 0.469        | 11.92 | K           | M              | R             |
| LC 059J 08       |                  |       |                          |       |               |      |                            |         | 2.250       | 57.15  | 9.70        | 0.173  | 0.516        | 13.10 | K           | M              | R             |
| LC 059J 09       |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 8.70        | 0.155  | 0.561        | 14.25 | K           | M              | R             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 063J 0        | .720             | 18.29 | .750                     | 19.05 | .063          | 1.60 | 15.500                     | 7.031  | 0.625       | 15.88  | 41.50       | 0.741 | 0.263        | 6.68  | J           | L              | P             |
| LC 063J 01       |                  |       |                          |       |               |      |                            |        | 0.750       | 19.05  | 33.00       | 0.589 | 0.284        | 7.21  | J           | L              | P             |
| LC 063J 02       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 28.00       | 0.499 | 0.316        | 8.03  | J           | L              | P             |
| LC 063J 03       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 24.00       | 0.428 | 0.355        | 9.02  | J           | L              | P             |
| LC 063J 04       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 19.00       | 0.339 | 0.441        | 11.20 | K           | M              | R             |
| LC 063J 05       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 15.00       | 0.267 | 0.489        | 12.42 | K           | M              | R             |
| LC 063J 06       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 13.00       | 0.232 | 0.536        | 13.61 | K           | M              | R             |
| LC 063J 07       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 11.00       | 0.196 | 0.616        | 15.65 | K           | M              | R             |
| LC 063J 08       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 10.00       | 0.178 | 0.673        | 17.09 | L           | N              | S             |
| LC 063J 09       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 9.00        | 0.160 | 0.736        | 18.69 | L           | N              | S             |
| LC 063J 10       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 8.00        | 0.143 | 0.792        | 20.12 | L           | N              | S             |
| LC 063J 11       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 7.25        | 0.129 | 0.860        | 21.84 | L           | N              | S             |
| LC 065J 01       | .720             | 18.29 | .750                     | 19.05 | .065          | 1.65 | 19.000                     | 8.605  | 0.750       | 19.05  | 41.00       | 0.731 | 0.290        | 7.37  | J           | L              | P             |
| LC 065J 02       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 35.00       | 0.624 | 0.322        | 8.18  | J           | L              | P             |
| LC 065J 03       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 29.00       | 0.517 | 0.355        | 9.02  | J           | L              | P             |
| LC 065J 04       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 23.00       | 0.410 | 0.420        | 10.67 | K           | M              | R             |
| LC 065J 05       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 19.00       | 0.339 | 0.465        | 11.81 | K           | M              | R             |
| LC 065J 06       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 15.50       | 0.276 | 0.537        | 13.64 | K           | M              | R             |
| LC 065J 07       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 13.50       | 0.241 | 0.611        | 15.52 | K           | M              | R             |
| LC 065J 08       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 12.00       | 0.214 | 0.660        | 16.76 | L           | N              | S             |
| LC 065J 09       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 10.50       | 0.187 | 0.743        | 18.87 | L           | N              | S             |
| LC 065J 10       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 9.15        | 0.163 | 0.818        | 20.78 | N           | R              | U             |
| LC 065J 11       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 8.35        | 0.149 | 0.883        | 22.43 | N           | R              | U             |
| LC 067J 01       | .720             | 18.29 | .750                     | 19.05 | .067          | 1.70 | 22.000                     | 9.979  | 0.750       | 19.05  | 50.00       | 0.893 | 0.286        | 7.26  | J           | L              | P             |
| LC 067J 02       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 40.00       | 0.713 | 0.319        | 8.10  | J           | L              | P             |
| LC 067J 03       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 33.00       | 0.588 | 0.353        | 8.97  | J           | L              | P             |
| LC 067J 04       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 27.00       | 0.482 | 0.403        | 10.24 | K           | M              | R             |
| LC 067J 05       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 22.00       | 0.392 | 0.471        | 11.96 | K           | M              | R             |
| LC 067J 06       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 18.00       | 0.321 | 0.537        | 13.64 | K           | M              | R             |
| LC 067J 07       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 15.50       | 0.277 | 0.606        | 15.39 | K           | M              | R             |
| LC 067J 08       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 14.00       | 0.250 | 0.669        | 16.99 | L           | N              | S             |
| LC 067J 09       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 13.75       | 0.246 | 0.725        | 18.42 | L           | N              | S             |
| LC 067J 10       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 10.00       | 0.178 | 0.883        | 22.43 | L           | N              | S             |
| LC 067J 11       |                  |       |                          |       |               |      |                            |        | 3.250       | 82.55  | 9.20        | 0.164 | 0.935        | 23.75 | M           | P              | T             |
| LC 067J 12       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 8.51        | 0.152 | 0.998        | 25.35 | M           | P              | T             |
| LC 072J 0        | .720             | 18.29 | .750                     | 19.05 | .072          | 1.83 | 25.000                     | 11.340 | 0.750       | 19.05  | 57.90       | 1.034 | 0.328        | 8.33  | J           | L              | P             |
| LC 072J 01       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 48.00       | 0.857 | 0.361        | 9.17  | J           | M              | R             |
| LC 072J 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 42.00       | 0.749 | 0.397        | 10.08 | J           | M              | R             |
| LC 072J 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 33.00       | 0.589 | 0.470        | 11.94 | K           | N              | S             |
| LC 072J 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 26.00       | 0.464 | 0.559        | 14.20 | K           | N              | S             |
| LC 072J 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 22.00       | 0.392 | 0.631        | 16.03 | K           | N              | S             |
| LC 072J 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 20.00       | 0.357 | 0.686        | 17.42 | K           | N              | S             |
| LC 072J 07       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 17.00       | 0.303 | 0.779        | 19.79 | M           | R              | U             |
| LC 072J 08       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 15.00       | 0.267 | 0.869        | 22.07 | M           | R              | U             |
| LC 072J 09       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 14.00       | 0.250 | 0.927        | 23.54 | M           | R              | U             |
| LC 072J 10       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 12.50       | 0.223 | 1.015        | 25.78 | M           | R              | U             |
| LC 072J 11       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 10.50       | 0.187 | 1.150        | 29.21 | N           | S              | W             |
| LC 072J 12       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 9.14        | 0.163 | 1.321        | 33.55 | P           | T              | Y             |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

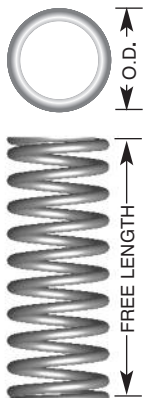
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 080J 0        | .720             | 18.29 | .750                     | 19.05 | .080          | 2.03 | 39.000                     | 17.650 | 0.750       | 19.05  | 97.50       | 1.741 | 0.352        | 8.94  | L           | M              | R             |
| LC 080J 01       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 80.26       | 1.430 | 0.404        | 10.26 | L           | P              | T             |
| LC 080J 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 68.53       | 1.220 | 0.444        | 11.28 | L           | P              | T             |
| LC 080J 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 52.66       | 0.940 | 0.526        | 13.36 | L           | P              | T             |
| LC 080J 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 42.94       | 0.765 | 0.607        | 15.42 | L           | R              | U             |
| LC 080J 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 36.05       | 0.644 | 0.690        | 17.52 | M           | S              | W             |
| LC 080J 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 31.20       | 0.557 | 0.770        | 19.56 | N           | T              | X             |
| LC 080J 07       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 27.47       | 0.490 | 0.855        | 21.72 | P           | U              | Y             |
| LC 080J 08       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 24.54       | 0.438 | 0.935        | 23.75 | P           | W              | Z             |
| LC 080J 09       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 22.21       | 0.396 | 1.015        | 25.78 | R           | X              | AA            |
| LC 080J 10       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 20.23       | 0.361 | 1.095        | 27.81 | S           | Y              | AB            |
| LC 080J 11       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 16.98       | 0.303 | 1.273        | 32.33 | T           | Z              | AC            |
| LC 080J 12       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 14.77       | 0.264 | 1.440        | 36.58 | U           | AA             | AD            |
| LC 085J 0        | .720             | 18.29 | .750                     | 19.05 | .085          | 2.16 | 54.500                     | 24.720 | 0.750       | 19.05  | 139.00      | 2.482 | 0.357        | 9.07  | L           | P              | T             |
| LC 085J 01       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 113.70      | 2.030 | 0.411        | 10.43 | L           | P              | T             |
| LC 085J 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 97.00       | 1.732 | 0.451        | 11.46 | L           | P              | T             |
| LC 085J 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 74.50       | 1.331 | 0.534        | 13.57 | L           | P              | T             |
| LC 085J 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 60.50       | 1.081 | 0.617        | 15.68 | L           | R              | U             |
| LC 085J 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 50.90       | 0.910 | 0.701        | 17.80 | M           | S              | W             |
| LC 085J 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 44.00       | 0.786 | 0.784        | 19.91 | N           | T              | X             |
| LC 085J 07       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 38.70       | 0.691 | 0.867        | 22.02 | P           | U              | Y             |
| LC 085J 08       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 34.50       | 0.617 | 0.950        | 24.13 | P           | W              | Z             |
| LC 085J 09       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 31.20       | 0.557 | 1.033        | 26.24 | R           | X              | AA            |
| LC 085J 10       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 28.40       | 0.508 | 1.116        | 28.36 | S           | Y              | AB            |
| LC 085J 11       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 24.20       | 0.432 | 1.283        | 32.58 | T           | Z              | AC            |
| LC 085J 12       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 21.00       | 0.375 | 1.449        | 36.80 | U           | AA             | AD            |
| LC 095J 0        | .720             | 18.29 | .750                     | 19.05 | .095          | 2.41 | 76.730                     | 34.810 | 0.750       | 19.05  | 218.00      | 3.893 | 0.408        | 10.36 | M           | R              | U             |
| LC 095J 01       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 178.53      | 3.188 | 0.459        | 11.65 | M           | R              | U             |
| LC 095J 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 150.98      | 2.696 | 0.507        | 12.87 | M           | R              | U             |
| LC 095J 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 115.37      | 2.060 | 0.602        | 15.30 | M           | R              | U             |
| LC 095J 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 93.35       | 1.667 | 0.698        | 17.74 | M           | S              | W             |
| LC 095J 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 78.39       | 1.400 | 0.794        | 20.18 | N           | T              | X             |
| LC 095J 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 67.57       | 1.207 | 0.890        | 22.61 | P           | U              | Y             |
| LC 095J 07       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 59.37       | 1.060 | 0.986        | 25.05 | R           | W              | Z             |
| LC 095J 08       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 52.94       | 0.945 | 1.082        | 27.49 | R           | X              | AA            |
| LC 095J 09       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 47.77       | 0.853 | 1.178        | 29.92 | S           | Y              | AB            |
| LC 095J 10       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 43.52       | 0.777 | 1.274        | 32.36 | T           | Z              | AC            |
| LC 095J 11       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 36.95       | 0.660 | 1.466        | 37.23 | U           | AA             | AD            |
| LC 095J 12       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 32.10       | 0.573 | 1.658        | 42.11 | W           | AB             | AE            |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|--------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM  | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 105J 0        | .720             | 18.29 | .750                     | 19.05 | .105          | 2.67 | 100.330                    | 45.510 | 0.750       | 19.05  | 337.70      | 6.031  | 0.444        | 11.28 | T           | Y              | AD            |
| LC 105J 01       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 274.64      | 4.904  | 0.525        | 13.33 | T           | Z              | AE            |
| LC 105J 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 231.18      | 4.128  | 0.583        | 14.81 | T           | Z              | AE            |
| LC 105J 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 175.61      | 3.136  | 0.699        | 17.76 | T           | Z              | AE            |
| LC 105J 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 141.58      | 2.528  | 0.815        | 20.70 | T           | AA             | AG            |
| LC 105J 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 118.59      | 2.118  | 0.931        | 23.65 | U           | AA             | AJ            |
| LC 105J 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 102.03      | 1.822  | 1.047        | 26.60 | U           | AB             | AK            |
| LC 105J 07       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 89.53       | 1.599  | 1.163        | 29.55 | W           | AC             | AL            |
| LC 105J 08       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 79.75       | 1.424  | 1.279        | 32.49 | W           | AD             | AM            |
| LC 105J 09       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 71.90       | 1.284  | 1.395        | 35.44 | X           | AE             | AN            |
| LC 105J 10       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 65.46       | 1.169  | 1.511        | 38.39 | X           | AG             | AO            |
| LC 105J 11       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 55.51       | 0.991  | 1.743        | 44.28 | Y           | AJ             | AP            |
| LC 105J 12       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 48.19       | 0.861  | 1.975        | 50.18 | Z           | AK             | AR            |
| LC 112J 0        | .720             | 18.29 | .750                     | 19.05 | .112          | 2.84 | 130.000                    | 58.970 | 0.750       | 19.05  | 460.80      | 8.229  | 0.469        | 11.91 | W           | AC             | AL            |
| LC 112J 01       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 372.80      | 6.658  | 0.568        | 14.44 | W           | AC             | AL            |
| LC 112J 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 312.80      | 5.586  | 0.631        | 16.03 | W           | AC             | AL            |
| LC 112J 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 236.60      | 4.225  | 0.757        | 19.22 | W           | AC             | AL            |
| LC 112J 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 190.20      | 3.397  | 0.882        | 22.40 | W           | AC             | AL            |
| LC 112J 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 159.10      | 2.840  | 1.007        | 25.59 | W           | AC             | AL            |
| LC 112J 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 136.70      | 2.441  | 1.133        | 28.77 | W           | AC             | AL            |
| LC 112J 07       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 119.80      | 2.139  | 1.258        | 31.95 | X           | AC             | AL            |
| LC 112J 08       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 106.60      | 1.904  | 1.383        | 35.14 | X           | AC             | AL            |
| LC 112J 09       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 96.10       | 1.716  | 1.509        | 38.32 | Y           | AE             | AN            |
| LC 112J 10       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 87.40       | 1.561  | 1.634        | 41.51 | Y           | AE             | AN            |
| LC 112J 11       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 74.10       | 1.323  | 1.885        | 47.88 | Z           | AG             | AO            |
| LC 112J 12       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 64.30       | 1.148  | 2.136        | 54.25 | AB          | AK             | AR            |
| LC 135JJ 01      | .750             | 19.05 | .781                     | 20.65 | .135          | 3.43 | 217.766                    | 98.779 | 0.875       | 22.23  | 843.00      | 15.090 | 0.617        | 15.67 | R           | X              | Special Order |
| LC 135JJ 02      |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 698.65      | 12.506 | 0.687        | 17.45 | R           | X              |               |
| LC 135JJ 03      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 414.65      | 7.422  | 0.966        | 24.54 | T           | Z              |               |
| LC 135JJ 04      |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 344.61      | 6.168  | 1.106        | 28.09 | U           | AA             |               |
| LC 135JJ 05      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 294.81      | 5.277  | 1.246        | 31.65 | U           | AB             |               |
| LC 135JJ 06      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 257.58      | 4.611  | 1.386        | 35.20 | W           | AC             |               |
| LC 135JJ 07      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 228.71      | 4.094  | 1.526        | 38.76 | W           | AD             |               |
| LC 135JJ 08      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 186.82      | 3.344  | 1.806        | 45.87 | Y           | AG             |               |
| LC 135JJ 09      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 157.90      | 2.826  | 2.086        | 52.98 | Z           | AG             |               |
| LC 135JJ 10      |                  |       |                          |       |               |      |                            |        | 3.750       | 95.25  | 146.56      | 2.623  | 2.226        | 56.54 | Z           | AK             |               |
| LC 135JJ 11      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 136.73      | 2.448  | 2.366        | 60.10 | Z           | AK             |               |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

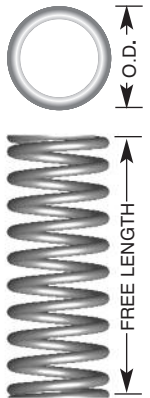
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |         | FREE LENGTH |        | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|---------|-------------|--------|-------------|--------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG      | IN.         | MM     | LB/IN.      | KG/MM  | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
|                  |                  |       |                          |       |               |      |                            |         |             |        |             |        |              |       | M           | S              | S316          |
| LC 135JK 01      | .813             | 20.65 | .844                     | 21.44 | .135          | 3.43 | 170.970                    | 77.552  | 0.875       | 22.23  | 643.31      | 11.515 | 0.609        | 15.47 | P           | W              | Special Order |
| LC 135JK 02      |                  |       |                          |       |               |      |                            |         | 1.000       | 25.40  | 533.16      | 9.543  | 0.678        | 17.22 | R           | X              |               |
| LC 135JK 03      |                  |       |                          |       |               |      |                            |         | 1.500       | 38.10  | 316.43      | 5.664  | 0.951        | 24.16 | S           | Z              |               |
| LC 135JK 04      |                  |       |                          |       |               |      |                            |         | 1.750       | 44.45  | 262.98      | 4.707  | 1.088        | 27.64 | T           | AB             |               |
| LC 135JK 05      |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 224.97      | 4.027  | 1.225        | 31.12 | U           | AB             |               |
| LC 135JK 06      |                  |       |                          |       |               |      |                            |         | 2.250       | 57.15  | 196.57      | 3.519  | 1.362        | 34.59 | W           | AC             |               |
| LC 135JK 07      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 174.53      | 3.124  | 1.499        | 38.07 | W           | AD             |               |
| LC 135JK 08      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 142.57      | 2.552  | 1.772        | 45.01 | X           | AG             |               |
| LC 135JK 09      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 120.50      | 2.157  | 2.046        | 51.97 | Y           | AG             |               |
| LC 135JK 10      |                  |       |                          |       |               |      |                            |         | 3.750       | 95.25  | 111.84      | 2.002  | 2.183        | 55.45 | Z           | AK             |               |
| LC 135JK 11      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 104.34      | 1.868  | 2.320        | 58.93 | Z           | AL             |               |
| LC 162JK 01      | .813             | 20.65 | .844                     | 21.44 | .162          | 4.11 | 340.350                    | 154.383 | 1.375       | 34.93  | 901.30      | 16.10  | 0.998        | 25.35 | T           | AD             | Special Order |
| LC 162JK 02      |                  |       |                          |       |               |      |                            |         | 1.500       | 38.10  | 805.50      | 14.38  | 1.077        | 27.36 | T           | AD             |               |
| LC 162JK 03      |                  |       |                          |       |               |      |                            |         | 1.750       | 44.45  | 664.28      | 11.86  | 1.238        | 31.45 | U           | AG             |               |
| LC 162JK 04      |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 565.19      | 10.09  | 1.398        | 35.51 | W           | AG             |               |
| LC 162JK 05      |                  |       |                          |       |               |      |                            |         | 2.250       | 57.15  | 491.83      | 8.78   | 1.558        | 39.57 | X           | AK             |               |
| LC 162JK 06      |                  |       |                          |       |               |      |                            |         | 2.750       | 69.85  | 390.46      | 6.97   | 1.878        | 47.70 | Y           | AN             |               |
| LC 162JK 07      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 353.99      | 6.32   | 2.038        | 51.77 | Z           | AO             |               |
| LC 162JK 08      |                  |       |                          |       |               |      |                            |         | 3.250       | 82.55  | 323.74      | 5.78   | 2.198        | 55.83 | Z           | AP             |               |
| LC 162JK 09      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 298.26      | 5.33   | 2.359        | 59.92 | AA          | AP             |               |
| LC 050K 01       | .845             | 21.46 | .875                     | 22.23 | .050          | 1.27 | 7.000                      | 3.175   | 0.750       | 19.05  | 13.00       | 0.232  | 0.181        | 4.62  | L           | P              | T             |
| LC 050K 02       |                  |       |                          |       |               |      |                            |         | 0.875       | 22.23  | 10.90       | 0.195  | 0.195        | 4.95  | L           | P              | T             |
| LC 050K 03       |                  |       |                          |       |               |      |                            |         | 1.000       | 25.40  | 9.40        | 0.168  | 0.210        | 5.32  | L           | P              | T             |
| LC 050K 04       |                  |       |                          |       |               |      |                            |         | 1.250       | 31.75  | 7.30        | 0.130  | 0.237        | 6.03  | L           | P              | T             |
| LC 050K 05       |                  |       |                          |       |               |      |                            |         | 1.500       | 38.10  | 6.00        | 0.107  | 0.265        | 6.73  | L           | P              | T             |
| LC 050K 06       |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 4.40        | 0.079  | 0.320        | 8.13  | M           | S              | W             |
| LC 050K 07       |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 3.50        | 0.063  | 0.375        | 9.54  | P           | U              | Z             |
| LC 050K 08       |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 2.90        | 0.052  | 0.431        | 10.94 | R           | X              | AB            |
| LC 050K 09       |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 2.50        | 0.045  | 0.486        | 12.35 | S           | X              | AB            |
| LC 050K 10       |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 2.20        | 0.039  | 0.541        | 13.75 | S           | X              | AB            |
| LC 055K 01       | .845             | 21.46 | .875                     | 22.23 | .055          | 1.40 | 10.000                     | 4.537   | 0.750       | 19.05  | 18.05       | 0.331  | 0.196        | 4.98  | L           | P              | T             |
| LC 055K 02       |                  |       |                          |       |               |      |                            |         | 0.875       | 22.23  | 15.10       | 0.270  | 0.218        | 5.52  | L           | P              | T             |
| LC 055K 03       |                  |       |                          |       |               |      |                            |         | 1.000       | 25.40  | 12.98       | 0.232  | 0.278        | 6.04  | L           | P              | T             |
| LC 055K 04       |                  |       |                          |       |               |      |                            |         | 1.250       | 31.75  | 10.13       | 0.181  | 0.271        | 6.89  | L           | P              | T             |
| LC 055K 05       |                  |       |                          |       |               |      |                            |         | 1.500       | 38.10  | 8.31        | 0.148  | 0.304        | 7.73  | L           | P              | T             |
| LC 055K 06       |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 6.11        | 0.109  | 0.370        | 9.41  | M           | S              | W             |
| LC 055K 07       |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 4.83        | 0.086  | 0.437        | 11.09 | P           | U              | Z             |
| LC 055K 08       |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 4.00        | 0.071  | 0.503        | 12.78 | R           | X              | AB            |
| LC 055K 09       |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 3.41        | 0.061  | 0.569        | 14.46 | S           | X              | AB            |
| LC 055K 10       |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 2.97        | 0.053  | 0.636        | 16.14 | S           | X              | AB            |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 067K 01       | .845             | 21.46 | .875                     | 22.23 | .067          | 1.70 | 16.000                     | 7.257  | 0.750       | 19.05  | 34.15       | 0.610 | 0.270        | 8.86  | L           | P              | T             |
| LC 067K 02       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 28.41       | 0.507 | 0.295        | 7.49  | L           | P              | T             |
| LC 067K 03       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 24.32       | 0.434 | 0.321        | 8.15  | L           | P              | T             |
| LC 067K 04       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 18.88       | 0.337 | 0.372        | 9.45  | L           | P              | T             |
| LC 067K 05       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 15.40       | 0.275 | 0.423        | 10.74 | L           | P              | T             |
| LC 067K 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 11.26       | 0.201 | 0.526        | 13.36 | M           | S              | W             |
| LC 067K 07       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 8.89        | 0.159 | 0.628        | 15.95 | P           | U              | Z             |
| LC 067K 08       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 7.34        | 0.131 | 0.730        | 18.54 | R           | U              | Z             |
| LC 067K 09       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 6.25        | 0.111 | 0.832        | 21.13 | S           | W              | AA            |
| LC 067K 10       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 5.45        | 0.097 | 0.934        | 23.72 | T           | X              | AB            |
| LC 072K 01       | .845             | 21.46 | .875                     | 22.23 | .072          | 1.83 | 23.000                     | 10.432 | 0.875       | 22.23  | 40.60       | 0.725 | 0.309        | 7.85  | L           | P              | T             |
| LC 072K 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 34.91       | 0.623 | 0.334        | 8.48  | L           | P              | T             |
| LC 072K 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 26.85       | 0.479 | 0.388        | 9.85  | L           | P              | T             |
| LC 072K 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 21.82       | 0.390 | 0.442        | 11.22 | L           | P              | T             |
| LC 072K 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 18.37       | 0.328 | 0.496        | 12.60 | M           | S              | W             |
| LC 072K 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 16.02       | 0.286 | 0.547        | 13.89 | M           | S              | W             |
| LC 072K 07       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 12.48       | 0.223 | 0.658        | 16.71 | P           | U              | Z             |
| LC 072K 08       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 10.39       | 0.185 | 0.759        | 19.28 | R           | W              | AA            |
| LC 072K 09       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 8.84        | 0.158 | 0.865        | 21.97 | S           | X              | AB            |
| LC 075K 01       | .845             | 21.46 | .875                     | 22.23 | .075          | 1.91 | 21.062                     | 9.554  | 0.880       | 22.35  | 40.10       | 0.716 | 0.355        | 9.01  | J           | K              | T             |
| LC 075K 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 34.44       | 0.615 | 0.388        | 9.85  | J           | P              | T             |
| LC 075K 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 26.61       | 0.475 | 0.456        | 11.59 | K           | P              | T             |
| LC 075K 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 21.68       | 0.387 | 0.525        | 13.33 | K           | P              | T             |
| LC 075K 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 18.30       | 0.327 | 0.593        | 15.07 | K           | P              | W             |
| LC 075K 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 15.82       | 0.283 | 0.662        | 16.82 | N           | P              | W             |
| LC 075K 07       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 13.94       | 0.249 | 0.731        | 18.56 | P           | R              | X             |
| LC 075K 08       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 12.46       | 0.222 | 0.799        | 20.30 | P           | S              | Z             |
| LC 075K 09       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 11.26       | 0.201 | 0.868        | 22.04 | P           | S              | AA            |
| LC 075K 10       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 10.27       | 0.183 | 0.936        | 23.78 | R           | S              | AA            |
| LC 075K 11       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 8.74        | 0.156 | 1.074        | 27.27 | S           | S              | AB            |
| LC 080K 001      | .845             | 21.46 | .875                     | 22.23 | .080          | 2.03 | 30.000                     | 13.587 | 0.750       | 19.05  | 67.70       | 1.209 | 0.322        | 8.18  | L           | M              | T             |
| LC 080K 00       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 57.20       | 1.021 | 0.362        | 9.19  | L           | P              | T             |
| LC 080K 0        |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 48.50       | 0.866 | 0.397        | 10.08 | L           | P              | T             |
| LC 080K 01       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 38.00       | 0.678 | 0.457        | 11.61 | L           | P              | T             |
| LC 080K 02       |                  |       |                          |       |               |      |                            |        | 1.375       | 34.93  | 34.00       | 0.606 | 0.490        | 12.45 | L           | P              | T             |
| LC 080K 03       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 31.00       | 0.553 | 0.522        | 13.26 | L           | P              | T             |
| LC 080K 04       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 26.00       | 0.464 | 0.595        | 15.11 | L           | R              | X             |
| LC 080K 05       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 22.00       | 0.392 | 0.670        | 17.02 | M           | S              | Z             |
| LC 080K 06       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 19.50       | 0.348 | 0.723        | 18.36 | N           | T              | AA            |
| LC 080K 07       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 17.50       | 0.312 | 0.786        | 19.96 | P           | U              | AB            |
| LC 080K 08       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 15.50       | 0.276 | 0.865        | 21.97 | P           | W              | AC            |
| LC 080K 09       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 14.50       | 0.258 | 0.930        | 23.62 | R           | X              | AD            |
| LC 080K 10       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 12.00       | 0.214 | 1.083        | 27.50 | S           | Y              | AE            |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

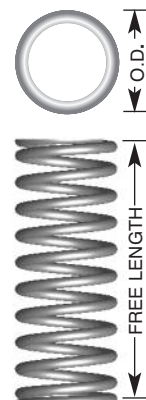
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |               |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|---------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless | 316 Stainless |
| LC 085K 00       | .845             | 21.46 | .875                     | 22.23 | .085          | 2.16 | 35.000                     | 15.851 | 0.750       | 19.05  | 86.11       | 1.538 | 0.356        | 9.04  | L           | P             | T             |
| LC 085K 0        |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 61.00       | 1.088 | 0.425        | 10.80 | L           | P             | T             |
| LC 085K 01       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 46.00       | 0.820 | 0.507        | 12.88 | L           | P             | T             |
| LC 085K 02       |                  |       |                          |       |               |      |                            |        | 1.375       | 34.93  | 42.00       | 0.749 | 0.537        | 13.64 | L           | P             | T             |
| LC 085K 03       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 38.00       | 0.678 | 0.579        | 14.71 | L           | P             | T             |
| LC 085K 04       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 32.00       | 0.570 | 0.665        | 16.89 | L           | R             | X             |
| LC 085K 05       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 27.00       | 0.481 | 0.736        | 18.69 | M           | S             | Z             |
| LC 085K 06       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 24.00       | 0.428 | 0.821        | 20.85 | N           | T             | AA            |
| LC 085K 07       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 21.50       | 0.383 | 0.898        | 22.81 | P           | U             | AB            |
| LC 085K 08       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 19.50       | 0.348 | 0.961        | 24.41 | P           | W             | AC            |
| LC 085K 09       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 18.00       | 0.321 | 1.025        | 26.04 | R           | X             | AD            |
| LC 085K 10       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 15.00       | 0.267 | 1.190        | 30.23 | S           | Y             | AE            |
| LC 085K 11       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 13.04       | 0.233 | 1.343        | 34.11 | T           | Z             | AG            |
| LC 091K 00       | .845             | 21.46 | .875                     | 22.23 | .091          | 2.31 | 42.000                     | 19.022 | 0.875       | 22.23  | 93.00       | 1.661 | 0.417        | 10.59 | P           | R             | X             |
| LC 091K 0A       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 79.00       | 1.411 | 0.458        | 11.63 | P           | R             | X             |
| LC 091K 0        |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 60.40       | 1.079 | 0.544        | 13.82 | R           | U             | AB            |
| LC 091K 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 49.00       | 0.874 | 0.647        | 16.43 | S           | W             | AC            |
| LC 091K 02       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 41.00       | 0.731 | 0.730        | 18.54 | S           | W             | AC            |
| LC 091K 03       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 35.00       | 0.624 | 0.820        | 20.83 | S           | W             | AC            |
| LC 091K 04       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 31.00       | 0.553 | 0.910        | 23.10 | T           | X             | AD            |
| LC 091K 05       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 28.00       | 0.499 | 0.975        | 24.76 | T           | X             | AD            |
| LC 091K 06       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 25.00       | 0.446 | 1.080        | 27.43 | U           | Y             | AE            |
| LC 091K 07       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 23.00       | 0.410 | 1.185        | 30.10 | U           | Y             | AE            |
| LC 091K 08       |                  |       |                          |       |               |      |                            |        | 3.500       | 89.00  | 19.50       | 0.348 | 1.302        | 33.07 | W           | Z             | AG            |
| LC 098K 00       | .845             | 21.46 | .875                     | 22.23 | .098          | 2.49 | 50.000                     | 22.645 | 1.000       | 25.40  | 102.00      | 1.819 | 0.520        | 13.21 | S           | W             | AC            |
| LC 098K 0        |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 78.00       | 1.391 | 0.617        | 15.67 | S           | W             | AC            |
| LC 098K 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 65.00       | 1.159 | 0.730        | 18.54 | S           | W             | AC            |
| LC 098K 02       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 54.00       | 0.963 | 0.814        | 20.68 | S           | W             | AC            |
| LC 098K 03       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 46.00       | 0.820 | 0.917        | 23.29 | S           | W             | AC            |
| LC 098K 04       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 40.00       | 0.713 | 1.010        | 25.65 | T           | W             | AC            |
| LC 098K 05       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 36.00       | 0.642 | 1.110        | 28.19 | T           | X             | AD            |
| LC 098K 06       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 32.50       | 0.579 | 1.220        | 30.99 | U           | Y             | AE            |
| LC 098K 07       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 29.50       | 0.526 | 1.320        | 33.52 | U           | Y             | AE            |
| LC 098K 08       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 25.50       | 0.455 | 1.472        | 38.61 | W           | Z             | AG            |
| LC 100K 01       | .845             | 21.46 | .875                     | 22.23 | .100          | 2.54 | 60.000                     | 27.200 | 1.000       | 25.40  | 124.70      | 2.230 | 0.501        | 12.72 | T           | X             | AD            |
| LC 100K 02       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 95.00       | 1.700 | 0.592        | 15.03 | T           | X             | AD            |
| LC 100K 03       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 76.74       | 1.370 | 0.683        | 17.34 | T           | X             | AD            |
| LC 100K 04       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 64.36       | 1.150 | 0.774        | 19.65 | T           | X             | AD            |
| LC 100K 05       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 55.42       | 0.990 | 0.865        | 21.96 | T           | X             | AD            |
| LC 100K 06       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 48.66       | 0.869 | 0.955        | 24.27 | U           | X             | AD            |
| LC 100K 07       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 43.37       | 0.774 | 1.046        | 26.58 | U           | Y             | AE            |
| LC 100K 08       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 39.12       | 0.699 | 1.137        | 28.89 | W           | Z             | AG            |
| LC 100K 09       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 35.63       | 0.636 | 1.228        | 31.20 | W           | Z             | AG            |
| LC 100K 10       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 30.23       | 0.540 | 1.410        | 35.81 | W           | AA            | AJ            |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|--------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM  | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 092KK 01      | .875             | 22.23 | .906                     | 23.83 | .092          | 2.34 | 37.336                     | 16.936 | 0.875       | 22.23  | 85.41       | 1.529  | 0.438        | 11.13 | S           | W              | Special Order |
| LC 092KK 02      |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 72.33       | 1.295  | 0.483        | 12.27 | S           | W              |               |
| LC 092KK 03      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 44.85       | 0.803  | 0.662        | 16.81 | S           | W              |               |
| LC 092KK 04      |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 37.69       | 0.675  | 0.752        | 19.10 | T           | X              |               |
| LC 092KK 05      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 32.50       | 0.582  | 0.842        | 21.39 | T           | X              |               |
| LC 092KK 06      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 25.48       | 0.456  | 1.022        | 25.96 | U           | Y              |               |
| LC 092KK 07      |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 23.00       | 0.412  | 1.112        | 28.24 | U           | Y              |               |
| LC 092KK 08      |                  |       |                          |       |               |      |                            |        | 3.063       | 77.80  | 20.50       | 0.367  | 1.224        | 31.09 | W           | Z              |               |
| LC 092KK 09      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 17.80       | 0.319  | 1.381        | 35.08 | W           | Z              |               |
| LC 092KK 10      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 15.47       | 0.277  | 1.561        | 39.65 | X           | AA             |               |
| LC 120KK 01      | .875             | 22.23 | .906                     | 23.83 | .120          | 3.05 | 103.085                    | 46.759 | 1.500       | 38.10  | 150.62      | 2.696  | 0.816        | 20.73 | R           | AA             | Special Order |
| LC 120KK 02      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 107.83      | 1.930  | 1.041        | 26.44 | T           | AC             |               |
| LC 120KK 03      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 94.42       | 1.690  | 1.154        | 29.31 | T           | AD             |               |
| LC 120KK 04      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 83.97       | 1.503  | 1.267        | 32.18 | U           | AE             |               |
| LC 120KK 05      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 68.76       | 1.231  | 1.492        | 37.90 | W           | AG             |               |
| LC 120KK 06      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 58.21       | 1.042  | 1.718        | 43.64 | X           | AK             |               |
| LC 120KK 07      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 50.47       | 0.903  | 1.943        | 49.35 | Y           | AM             |               |
| LC 120KK 08      |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 44.55       | 0.797  | 2.169        | 55.09 | Z           | AN             |               |
| LC 120KK 09      |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 39.87       | 0.714  | 2.394        | 60.81 | AA          | AP             |               |
| LC 120KK 10      |                  |       |                          |       |               |      |                            |        | 5.500       | 139.70 | 36.08       | 0.646  | 2.620        | 66.55 | AB          | AR             |               |
| LC 148KK 01      | .875             | 22.23 | .906                     | 23.83 | .148          | 3.76 | 209.631                    | 95.089 | 1.000       | 25.40  | 695.21      | 12.444 | 0.698        | 17.73 | S           | Y              | Special Order |
| LC 148KK 02      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 406.50      | 7.276  | 0.978        | 24.84 | T           | AB             |               |
| LC 148KK 03      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 287.22      | 5.141  | 1.258        | 31.95 | W           | AD             |               |
| LC 148KK 04      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 250.47      | 4.483  | 1.397        | 35.48 | X           | AE             |               |
| LC 148KK 05      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 222.06      | 3.975  | 1.537        | 39.04 | X           | AG             |               |
| LC 148KK 06      |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 199.44      | 3.570  | 1.677        | 42.60 | Y           | AG             |               |
| LC 148KK 07      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 181.00      | 3.240  | 1.817        | 46.15 | Z           | AK             |               |
| LC 148KK 08      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 152.76      | 2.734  | 2.096        | 53.24 | Z           | AL             |               |
| LC 148KK 09      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 132.13      | 2.365  | 2.376        | 60.35 | AA          | AN             |               |
| LC 148KK 10      |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 116.42      | 2.084  | 2.655        | 67.44 | AB          | AO             |               |
| LC 148KK 11      |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 104.05      | 1.862  | 2.935        | 74.55 | AD          | AR             |               |
| LC 148KK 12      |                  |       |                          |       |               |      |                            |        | 5.500       | 139.70 | 94.05       | 1.683  | 3.214        | 81.64 | AE          | AS             |               |
| LC 148KK 13      |                  |       |                          |       |               |      |                            |        | 6.000       | 152.40 | 85.80       | 1.536  | 3.494        | 88.75 | AG          | AS             |               |
| LC 105KL 01      | .906             | 23.01 | .938                     | 23.83 | .105          | 2.67 | 58.282                     | 26.437 | 0.875       | 22.23  | 144.30      | 2.583  | 0.471        | 11.96 | T           | Y              | Special Order |
| LC 105KL 02      |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 121.47      | 2.174  | 0.519        | 13.18 | T           | Y              |               |
| LC 105KL 03      |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 92.27       | 1.652  | 0.615        | 15.62 | T           | Y              |               |
| LC 105KL 04      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 74.39       | 1.332  | 0.711        | 18.06 | T           | Y              |               |
| LC 105KL 05      |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 62.31       | 1.115  | 0.806        | 20.47 | T           | Y              |               |
| LC 105KL 06      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 53.61       | 0.960  | 0.902        | 22.91 | U           | Z              |               |
| LC 105KL 07      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 47.04       | 0.842  | 0.998        | 25.35 | U           | AA             |               |
| LC 105KL 08      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 41.90       | 0.750  | 1.094        | 27.79 | W           | AA             |               |
| LC 105KL 09      |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 37.78       | 0.676  | 1.190        | 30.23 | W           | AB             |               |
| LC 105KL 10      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 34.40       | 0.616  | 1.285        | 32.64 | X           | AC             |               |
| LC 105KL 11      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 29.17       | 0.522  | 1.477        | 37.52 | Z           | AD             |               |
| LC 105KL 12      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 25.32       | 0.453  | 1.669        | 42.39 | AA          | AE             |               |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

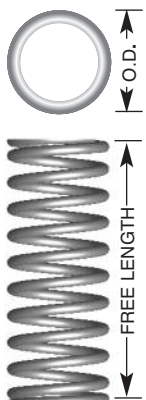
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
|                  |                  |       |                          |       |               |      |                            |        |             |        |             |       |              |       | M           | S              | S316          |
| LC 080KM 01      | .938             | 23.81 | .969                     | 24.61 | .080          | 2.03 | 35.237                     | 15.984 | 0.750       | 19.05  | 73.91       | 1.323 | 0.273        | 6.93  | T           | X              | Special Order |
| LC 080KM 02      |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 51.91       | 0.929 | 0.319        | 8.10  | T           | X              |               |
| LC 080KM 03      |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 40.01       | 0.716 | 0.365        | 9.27  | T           | X              |               |
| LC 080KM 04      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 32.54       | 0.583 | 0.411        | 10.44 | T           | X              |               |
| LC 080KM 05      |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 27.43       | 0.491 | 0.457        | 11.61 | T           | X              |               |
| LC 080KM 06      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 23.70       | 0.424 | 0.503        | 12.78 | T           | X              |               |
| LC 080KM 07      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 20.86       | 0.373 | 0.549        | 13.94 | U           | Y              |               |
| LC 080KM 08      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 18.64       | 0.334 | 0.595        | 15.11 | W           | Z              |               |
| LC 080KM 09      |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 16.84       | 0.301 | 0.641        | 16.28 | W           | AA             |               |
| LC 080KM 10      |                  |       |                          |       |               |      |                            |        | 2.938       | 74.63  | 15.70       | 0.281 | 0.675        | 17.15 | X           | AC             |               |
| LC 080KM 11      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 15.35       | 0.275 | 0.687        | 17.45 | X           | AC             |               |
| LC 080KM 12      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 13.06       | 0.234 | 0.779        | 19.79 | Z           | AC             |               |
| LC 080KM 13      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 11.36       | 0.203 | 0.871        | 22.12 | AA          | AD             |               |
| LC 063L 01       | .970             | 24.64 | 1.000                    | 25.40 | .063          | 1.60 | 14.000                     | 6.350  | 0.750       | 19.05  | 25.63       | 0.458 | 0.210        | 5.40  | T           | X              | AB            |
| LC 063L 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 18.30       | 0.327 | 0.245        | 6.22  | T           | X              | AB            |
| LC 063L 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 14.23       | 0.254 | 0.276        | 7.02  | T           | X              | AB            |
| LC 063L 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 11.64       | 0.208 | 0.307        | 7.81  | T           | X              | AB            |
| LC 063L 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 9.85        | 0.176 | 0.339        | 8.60  | T           | X              | AB            |
| LC 063L 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 8.53        | 0.152 | 0.370        | 9.39  | T           | X              | AB            |
| LC 063L 07       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 7.53        | 0.134 | 0.401        | 10.18 | U           | Y              | AC            |
| LC 063L 08       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 6.74        | 0.120 | 0.432        | 10.98 | W           | Z              | AD            |
| LC 063L 09       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 6.09        | 0.109 | 0.463        | 11.77 | W           | AA             | AE            |
| LC 063L 10       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 5.56        | 0.099 | 0.495        | 12.56 | W           | AC             | AG            |
| LC 063L 11       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 4.74        | 0.083 | 0.557        | 14.15 | Z           | AC             | AG            |
| LC 063L 12       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 4.13        | 0.072 | 0.619        | 15.73 | Z           | AC             | AG            |
| LC 072L 01       | .970             | 24.64 | 1.000                    | 25.40 | .072          | 1.83 | 20.000                     | 9.070  | 0.750       | 19.05  | 39.50       | 0.705 | 0.245        | 6.22  | T           | X              | AB            |
| LC 072L 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 27.96       | 0.499 | 0.297        | 7.55  | T           | X              | AB            |
| LC 072L 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 21.64       | 0.386 | 0.339        | 8.62  | T           | X              | AB            |
| LC 072L 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 17.65       | 0.315 | 0.381        | 9.68  | T           | X              | AB            |
| LC 072L 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 14.90       | 0.266 | 0.423        | 10.74 | T           | X              | AB            |
| LC 072L 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 12.90       | 0.230 | 0.465        | 11.81 | T           | X              | AB            |
| LC 072L 07       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 11.37       | 0.203 | 0.507        | 12.87 | U           | Y              | AC            |
| LC 072L 08       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 10.16       | 0.181 | 0.548        | 13.93 | W           | Z              | AD            |
| LC 072L 09       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 9.16        | 0.164 | 0.590        | 15.00 | W           | AA             | AE            |
| LC 072L 10       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 8.38        | 0.150 | 0.632        | 16.06 | X           | AC             | AG            |
| LC 072L 11       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 7.13        | 0.127 | 0.716        | 18.18 | Z           | AC             | AG            |
| LC 072L 12       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 6.21        | 0.111 | 0.800        | 20.31 | Z           | AC             | AG            |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |    |      |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----|------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB./IN.     | KG/MM | IN.          | MM    | M           | S  | S316 |
| LC 080L 01       | .970             | 24.64 | 1.000                    | 25.40 | .080          | 2.03 | 30.000                     | 13.640 | 0.750       | 19.05  | 60.50       | 1.080 | 0.270        | 6.88  | T           | X  | AB   |
| LC 080L 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 43.60       | 0.779 | 0.330        | 8.38  | T           | X  | AB   |
| LC 080L 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 33.90       | 0.605 | 0.376        | 9.55  | T           | X  | AB   |
| LC 080L 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 27.60       | 0.493 | 0.423        | 10.74 | T           | X  | AB   |
| LC 080L 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 23.20       | 0.414 | 0.470        | 11.94 | T           | X  | AB   |
| LC 080L 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 20.10       | 0.359 | 0.517        | 13.13 | T           | X  | AB   |
| LC 080L 07       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 17.70       | 0.316 | 0.565        | 14.35 | U           | Y  | AC   |
| LC 080L 08       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 15.80       | 0.282 | 0.612        | 15.54 | W           | Z  | AD   |
| LC 080L 09       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 14.30       | 0.255 | 0.659        | 16.74 | W           | AA | AE   |
| LC 080L 10       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 13.00       | 0.232 | 0.706        | 17.93 | X           | AC | AJ   |
| LC 080L 11       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 11.10       | 0.198 | 0.800        | 20.32 | Z           | AC | AJ   |
| LC 080L 12       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 9.70        | 0.173 | 0.893        | 22.68 | AA          | AD | AK   |
| LC 085L 0        | .970             | 24.64 | 1.000                    | 25.40 | .085          | 2.16 | 38.070                     | 17.270 | 0.875       | 22.23  | 67.50       | 1.205 | 0.312        | 7.92  | T           | X  | AB   |
| LC 085L 01       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 57.43       | 1.026 | 0.337        | 8.56  | T           | X  | AB   |
| LC 085L 02       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 44.14       | 0.788 | 0.388        | 9.84  | T           | X  | AB   |
| LC 085L 03       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 35.84       | 0.640 | 0.438        | 11.12 | T           | X  | AB   |
| LC 085L 04       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 30.17       | 0.539 | 0.488        | 12.40 | T           | X  | AB   |
| LC 085L 05       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 26.05       | 0.465 | 0.539        | 13.68 | T           | X  | AB   |
| LC 085L 06       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 22.92       | 0.409 | 0.589        | 14.96 | U           | Y  | AC   |
| LC 085L 07       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 20.46       | 0.365 | 0.639        | 16.24 | W           | Z  | AD   |
| LC 085L 08       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 18.48       | 0.330 | 0.690        | 17.52 | W           | AA | AE   |
| LC 085L 09       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 16.84       | 0.301 | 0.740        | 18.80 | X           | AC | AJ   |
| LC 085L 10       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 14.32       | 0.256 | 0.841        | 21.35 | Z           | AC | AJ   |
| LC 085L 11       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 12.45       | 0.222 | 0.941        | 23.91 | AA          | AD | AK   |
| LC 092L 01       | .970             | 24.64 | 1.000                    | 25.40 | .092          | 2.34 | 34.521                     | 15.659 | 0.875       | 22.23  | 72.00       | 1.286 | 0.398        | 10.12 | T           | X  | AD   |
| LC 092L 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 61.00       | 1.089 | 0.436        | 11.08 | T           | X  | AD   |
| LC 092L 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 46.70       | 0.834 | 0.512        | 13.00 | T           | X  | AD   |
| LC 092L 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 37.80       | 0.675 | 0.588        | 14.92 | T           | X  | AD   |
| LC 092L 05       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 27.40       | 0.489 | 0.739        | 18.76 | T           | X  | AD   |
| LC 092L 06       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 21.50       | 0.384 | 0.889        | 22.59 | W           | Z  | AG   |
| LC 092L 07       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 17.70       | 0.316 | 1.040        | 26.40 | X           | AC | AL   |
| LC 092L 08       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 15.00       | 0.268 | 1.193        | 30.29 | Z           | AC | AL   |
| LC 092L 09       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 13.00       | 0.232 | 1.347        | 34.21 | AA          | AD | AM   |
| LC 095L 001      | .970             | 24.64 | 1.000                    | 25.40 | .095          | 2.41 | 46.000                     | 20.850 | 0.875       | 22.23  | 91.00       | 1.625 | 0.380        | 9.65  | T           | X  | AD   |
| LC 095L 00       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 76.68       | 1.370 | 0.417        | 10.60 | T           | X  | AD   |
| LC 095L 0        |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 58.27       | 1.040 | 0.485        | 12.30 | T           | X  | AD   |
| LC 095L 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 47.25       | 0.844 | 0.552        | 14.02 | T           | X  | AD   |
| LC 095L 02       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 39.73       | 0.709 | 0.618        | 15.70 | T           | X  | AD   |
| LC 095L 03       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 34.30       | 0.612 | 0.685        | 17.40 | T           | X  | AD   |
| LC 095L 04       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 30.14       | 0.538 | 0.751        | 19.07 | U           | Y  | AE   |
| LC 095L 05       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 26.90       | 0.480 | 0.817        | 20.75 | W           | Z  | AG   |
| LC 095L 06       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 24.28       | 0.433 | 0.885        | 22.45 | W           | AA | AJ   |
| LC 095L 07       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 22.13       | 0.395 | 0.951        | 24.15 | X           | AC | AL   |
| LC 095L 08       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 18.75       | 0.335 | 1.088        | 27.63 | Z           | AC | AL   |
| LC 095L 09       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 16.24       | 0.270 | 1.222        | 31.04 | AA          | AD | AM   |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

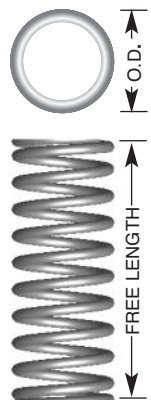
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 105L 00       | .970             | 24.64 | 1.000                    | 25.40 | .105          | 2.67 | 58.000                     | 26.268 | 0.875       | 22.23  | 133.50      | 2.384 | 0.435        | 11.05 | W           | AC             | AE            |
| LC 105L 0A       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 112.50      | 2.009 | 0.476        | 12.09 | W           | AC             | AG            |
| LC 105L 0        |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 85.00       | 1.516 | 0.546        | 13.87 | W           | AC             | AJ            |
| LC 105L 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 69.00       | 1.230 | 0.650        | 16.51 | W           | AC             | AK            |
| LC 105L 02       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 57.00       | 1.016 | 0.745        | 18.92 | W           | AC             | AL            |
| LC 105L 03       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 49.00       | 0.874 | 0.820        | 20.83 | X           | AD             | AM            |
| LC 105L 04       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 43.00       | 0.767 | 0.905        | 22.99 | X           | AE             | AN            |
| LC 105L 05       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 38.00       | 0.678 | 1.000        | 25.40 | Y           | AE             | AN            |
| LC 105L 06       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 34.00       | 0.606 | 1.080        | 27.43 | Y           | AG             | AO            |
| LC 105L 07       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 31.00       | 0.553 | 1.170        | 29.72 | Z           | AK             | AR            |
| LC 105L 08       | .970             | 24.64 | 1.000                    | 25.40 | .112          | 2.84 | 65.000                     | 29.438 | 3.500       | 88.90  | 27.00       | 0.481 | 1.325        | 33.66 | AA          | AK             | AR            |
| LC 105L 09       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 23.44       | 0.419 | 1.430        | 36.32 | AB          | AL             | AS            |
| LC 112L 00       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 165.50      | 2.955 | 0.480        | 12.20 | W           | AC             | AE            |
| LC 112L 0A       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 139.00      | 2.482 | 0.528        | 13.41 | W           | AC             | AG            |
| LC 112L 0        |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 105.00      | 1.872 | 0.605        | 15.37 | W           | AC             | AJ            |
| LC 112L 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 85.00       | 1.516 | 0.732        | 18.59 | W           | AC             | AK            |
| LC 112L 02       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 71.00       | 1.266 | 0.845        | 21.46 | W           | AC             | AL            |
| LC 112L 03       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 61.00       | 1.088 | 0.947        | 24.05 | X           | AD             | AM            |
| LC 112L 04       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 54.00       | 0.963 | 1.035        | 26.29 | X           | AE             | AN            |
| LC 112L 05       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 47.00       | 0.838 | 1.147        | 29.13 | Y           | AE             | AN            |
| LC 112L 06       | .970             | 24.64 | 1.000                    | 25.40 | .115          | 2.92 | 72.000                     | 32.609 | 2.750       | 69.85  | 43.00       | 0.767 | 1.237        | 31.42 | Y           | AG             | AO            |
| LC 112L 07       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 39.00       | 0.695 | 1.348        | 34.24 | Z           | AJ             | AP            |
| LC 112L 08       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 33.00       | 0.588 | 1.565        | 39.75 | AB          | AK             | AR            |
| LC 112L 09       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 28.64       | 0.511 | 1.634        | 41.50 | AC          | AL             | AS            |
| LC 115L 01       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 78.00       | 1.391 | 0.838        | 21.29 | W           | AD             | Special Order |
| LC 115L 02       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 68.00       | 1.212 | 0.930        | 23.62 | Y           | AE             |               |
| LC 115L 03       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 59.00       | 1.052 | 1.045        | 26.54 | Y           | AG             |               |
| LC 115L 04       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 52.00       | 0.927 | 1.130        | 28.70 | Y           | AG             |               |
| LC 115L 05       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 43.00       | 0.767 | 1.330        | 33.78 | AA          | AL             |               |
| LC 115L 06       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 36.00       | 0.642 | 1.520        | 38.61 | AB          | AM             |               |
| LC 115L 07       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 32.00       | 0.570 | 1.730        | 43.94 | AD          | AN             |               |
| LC 120L 0        | .970             | 24.64 | 1.000                    | 25.40 | .120          | 3.05 | 80.000                     | 36.232 | 1.500       | 38.10  | 113.67      | 2.030 | 0.785        | 19.94 | W           | AD             | AM            |
| LC 120L 01       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 95.00       | 1.694 | 0.905        | 22.99 | W           | AD             | AO            |
| LC 120L 02       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 82.00       | 1.462 | 1.015        | 25.78 | W           | AE             | AP            |
| LC 120L 03       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 71.00       | 1.266 | 1.133        | 28.78 | Y           | AG             | AU            |
| LC 120L 04       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 64.00       | 1.141 | 1.254        | 31.85 | Y           | AG             | AW            |
| LC 120L 05       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 52.00       | 0.927 | 1.456        | 36.98 | AA          | AL             | AZ            |
| LC 120L 06       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 44.00       | 0.784 | 1.685        | 42.80 | AB          | AM             | AZA           |
| LC 120L 07       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 38.00       | 0.678 | 1.925        | 48.90 | AD          | AM             | AZC           |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 125L 00       | .970             | 24.64 | 1.000                    | 25.40 | .125          | 3.18 | 100.050                    | 45.380 | 0.875       | 22.23  | 276.00      | 4.929 | 0.529        | 13.43 | X           | AE             | AN            |
| LC 125L 0A       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 230.00      | 4.107 | 0.583        | 14.81 | X           | AE             | AN            |
| LC 125L 0        |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 172.50      | 3.080 | 0.692        | 17.57 | X           | AE             | AN            |
| LC 125L 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 138.21      | 2.468 | 0.776        | 19.71 | X           | AE             | AN            |
| LC 125L 02       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 115.17      | 2.057 | 0.881        | 22.39 | X           | AE             | AP            |
| LC 125L 03       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 98.72       | 1.763 | 0.987        | 25.06 | Y           | AG             | AR            |
| LC 125L 04       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 86.38       | 1.543 | 1.092        | 27.73 | Z           | AK             | AW            |
| LC 125L 05       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 76.78       | 1.371 | 1.197        | 30.40 | Z           | AK             | AX            |
| LC 125L 06       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 62.82       | 1.122 | 1.407        | 35.75 | AB          | AM             | AZA           |
| LC 125L 07       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 53.16       | 0.949 | 1.618        | 41.09 | AC          | AN             | AZB           |
| LC 125L 08       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 46.07       | 0.823 | 1.828        | 46.44 | AE          | AO             | AZD           |
| LC 135L 00       | .970             | 24.64 | 1.000                    | 25.40 | .135          | 3.43 | 106.000                    | 48.080 | 0.875       | 22.23  | 366.00      | 6.536 | 0.590        | 14.98 | Y           | AG             | AO            |
| LC 135L 0        |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 303.00      | 5.411 | 0.654        | 16.62 | Y           | AG             | AO            |
| LC 135L 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 180.03      | 3.215 | 0.912        | 23.15 | Y           | AG             | AO            |
| LC 135L 02       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 149.62      | 2.672 | 1.040        | 26.42 | Y           | AG             | AR            |
| LC 135L 03       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 128.00      | 2.286 | 1.169        | 29.69 | Z           | AG             | AS            |
| LC 135L 04       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 111.84      | 1.997 | 1.298        | 32.96 | AA          | AG             | AX            |
| LC 135L 05       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 99.30       | 1.773 | 1.427        | 36.23 | AA          | AL             | AY            |
| LC 135L 06       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 81.11       | 1.448 | 1.684        | 42.77 | AC          | AN             | AZB           |
| LC 135L 07       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 68.56       | 1.224 | 1.942        | 49.32 | AD          | AO             | AZC           |
| LC 135L 08       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 59.37       | 1.060 | 2.199        | 55.86 | AG          | AP             | AZE           |
| LC 148L 01       | .970             | 24.64 | 1.000                    | 25.40 | .148          | 3.76 | 132.000                    | 59.860 | 1.000       | 25.40  | 459.00      | 8.197 | 0.717        | 18.22 | Y           | AK             | AP            |
| LC 148L 02       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 268.40      | 4.793 | 1.010        | 25.66 | Y           | AK             | AP            |
| LC 148L 03       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 189.60      | 3.386 | 1.303        | 33.10 | AA          | AN             | AT            |
| LC 148L 04       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 146.60      | 2.618 | 1.596        | 40.54 | AD          | AR             | AZ            |
| LC 148L 05       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 119.50      | 2.134 | 1.889        | 47.98 | AG          | AS             | AZC           |
| LC 148L 06       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 100.90      | 1.802 | 2.181        | 55.40 | AJ          | AT             | AZD           |
| LC 148L 07       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 87.20       | 1.557 | 2.476        | 62.88 | AL          | AW             | AZF           |
| LC 162L 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 415.20      | 7.415 | 1.088        | 27.64 | AA          | AE             | AR            |
| LC 162L 02       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 291.30      | 5.202 | 1.409        | 35.78 | AD          | AK             | AU            |
| LC 162L 03       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 224.40      | 4.007 | 1.729        | 43.92 | AJ          | AP             | AZA           |
| LC 162L 04       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 182.50      | 3.259 | 2.050        | 52.06 | AK          | AT             | AZD           |
| LC 162L 05       | 1.016            | 25.81 | 1.125                    | 28.58 | .120          | 3.05 | 76.321                     | 34.619 | 3.500       | 88.90  | 153.70      | 2.745 | 2.371        | 60.23 | AM          | AU             | AZE           |
| LC 162L 06       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 132.80      | 2.372 | 2.692        | 68.38 | AO          | AX             | AZG           |
| LC 120LL 01      |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 169.42      | 3.033 | 0.550        | 13.97 | U           | Z              | Special Order |
| LC 120LL 02      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 102.19      | 1.829 | 0.748        | 19.00 | W           | AA             |               |
| LC 120LL 03      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 73.16       | 1.310 | 0.947        | 24.05 | W           | AA             |               |
| LC 120LL 04      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 64.06       | 1.147 | 1.047        | 26.59 | X           | AB             |               |
| LC 120LL 05      |                  |       |                          |       |               |      |                            |        | 2.563       | 65.10  | 55.44       | 0.992 | 1.171        | 29.74 | X           | AB             |               |
| LC 120LL 06      |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 51.30       | 0.918 | 1.246        | 31.65 | Y           | AC             |               |
| LC 120LL 07      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 46.65       | 0.835 | 1.345        | 34.16 | Z           | AD             |               |
| LC 120LL 08      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 39.50       | 0.707 | 1.544        | 39.22 | AA          | AE             |               |
| LC 120LL 09      | 1.016            | 25.81 | 1.125                    | 28.58 | .120          | 3.05 | 76.321                     | 34.619 | 4.000       | 101.60 | 34.25       | 0.613 | 1.743        | 44.27 | AB          | AG             | Special Order |
| LC 120LL 10      |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 30.23       | 0.541 | 1.942        | 49.33 | AD          | AK             |               |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

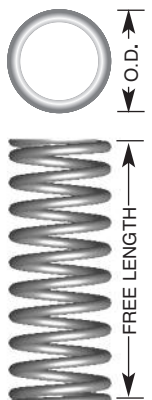
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB./IN.     | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
|                  |                  |       |                          |       |               |      |                            |        |             |        |             |       |              |       | M           | S              | S316          |
| LC 082M 01       | 1.095            | 27.81 | 1.125                    | 28.58 | .082          | 2.08 | 25.000                     | 11.360 | 0.875       | 22.23  | 42.60       | 0.761 | 0.287        | 7.29  | T           | X              | Special Order |
| LC 082M 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 36.00       | 0.643 | 0.318        | 8.08  | T           | X              |               |
| LC 082M 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 27.90       | 0.498 | 0.366        | 9.30  | T           | X              |               |
| LC 082M 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 22.70       | 0.405 | 0.410        | 10.41 | T           | X              |               |
| LC 082M 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 19.10       | 0.341 | 0.454        | 11.53 | T           | X              |               |
| LC 082M 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 16.50       | 0.295 | 0.498        | 12.65 | T           | X              |               |
| LC 082M 07       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 13.00       | 0.232 | 0.586        | 14.88 | W           | Z              |               |
| LC 082M 08       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 10.70       | 0.191 | 0.674        | 17.12 | X           | AC             |               |
| LC 082M 09       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 9.10        | 0.163 | 0.763        | 19.38 | Z           | AC             |               |
| LC 082M 10       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 7.90        | 0.141 | 0.851        | 21.62 | AA          | AD             |               |
| LC 082M 11       |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 7.00        | 0.125 | 0.928        | 23.57 | AB          | AE             |               |
| LC 082M 12       |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 6.27        | 0.112 | 1.017        | 25.83 | AB          | AE             |               |
| LC 093M 01       | 1.095            | 27.81 | 1.125                    | 28.58 | .093          | 2.36 | 35.000                     | 15.910 | 0.875       | 22.23  | 64.60       | 1.154 | 0.343        | 8.71  | T           | X              | AE            |
| LC 093M 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 54.60       | 0.975 | 0.382        | 9.70  | T           | X              | AE            |
| LC 093M 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 42.50       | 0.759 | 0.435        | 11.04 | T           | X              | AE            |
| LC 093M 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 34.30       | 0.613 | 0.492        | 12.50 | T           | X              | AE            |
| LC 093M 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 28.90       | 0.516 | 0.548        | 13.92 | T           | X              | AE            |
| LC 093M 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 24.90       | 0.445 | 0.604        | 15.34 | T           | X              | AE            |
| LC 093M 07       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 19.50       | 0.348 | 0.716        | 18.20 | W           | Z              | AJ            |
| LC 093M 08       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 16.00       | 0.286 | 0.829        | 21.06 | X           | AC             | AM            |
| LC 093M 09       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 13.65       | 0.244 | 0.940        | 23.90 | Z           | AC             | AM            |
| LC 093M 10       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 11.84       | 0.211 | 1.054        | 26.77 | AA          | AD             | AN            |
| LC 093M 11       |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 10.40       | 0.186 | 1.183        | 30.05 | AB          | AE             | AO            |
| LC 105M 0        | 1.095            | 27.81 | 1.125                    | 28.58 | .105          | 2.67 | 45.000                     | 20.411 | 0.875       | 22.23  | 97.30       | 1.738 | 0.404        | 10.26 | U           | AB             | AL            |
| LC 105M 01       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 81.87       | 1.462 | 0.451        | 11.45 | W           | AD             | AN            |
| LC 105M 02       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 62.10       | 1.111 | 0.525        | 13.33 | W           | AD             | AN            |
| LC 105M 03       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 50.00       | 0.893 | 0.598        | 15.19 | W           | AD             | AN            |
| LC 105M 04       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 42.00       | 0.750 | 0.670        | 17.01 | W           | AD             | AN            |
| LC 105M 05       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 36.16       | 0.646 | 0.743        | 18.87 | X           | AE             | AO            |
| LC 105M 06       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 28.23       | 0.504 | 0.890        | 22.60 | Y           | AG             | AS            |
| LC 105M 07       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 23.18       | 0.414 | 1.036        | 26.31 | AA          | AJ             | AT            |
| LC 105M 08       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 19.66       | 0.351 | 1.182        | 30.02 | AB          | AK             | AU            |
| LC 105M 09       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 17.07       | 0.305 | 1.328        | 33.73 | AD          | AN             | AX            |
| LC 105M 10       |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 15.07       | 0.269 | 1.475        | 37.46 | AE          | AO             | AZ            |
| LC 112M 001      | 1.095            | 27.81 | 1.125                    | 28.58 | .112          | 2.84 | 66.000                     | 29.900 | 0.875       | 22.23  | 139.50      | 2.491 | 0.415        | 10.54 | U           | AD             | AN            |
| LC 112M 00       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 117.00      | 2.090 | 0.462        | 11.73 | X           | AG             | AS            |
| LC 112M 0        |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 71.23       | 1.270 | 0.608        | 15.44 | X           | AG             | AS            |
| LC 112M 01       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 59.47       | 1.060 | 0.682        | 17.32 | X           | AG             | AS            |
| LC 112M 02       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 51.16       | 0.913 | 0.755        | 19.18 | Y           | AG             | AS            |
| LC 112M 03       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 44.88       | 0.801 | 0.828        | 21.03 | Z           | AL             | AW            |
| LC 112M 04       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 39.65       | 0.708 | 0.915        | 23.24 | Z           | AL             | AW            |
| LC 112M 05       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 32.72       | 0.584 | 1.050        | 26.67 | AB          | AN             | AX            |
| LC 112M 06       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 27.76       | 0.496 | 1.195        | 30.35 | AC          | AO             | AZ            |
| LC 112M 07       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 24.03       | 0.429 | 1.343        | 34.11 | AE          | AP             | AZA           |
| LC 112M 08       |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 21.24       | 0.379 | 1.490        | 37.84 | AG          | AR             | AZB           |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 120M 01       | 1.095            | 27.81 | 1.125                    | 28.58 | .120          | 3.00 | 78.000                     | 34.450 | 1.000       | 25.40  | 153.00      | 2.732 | 0.502        | 12.75 | X           | AG             | AS            |
| LC 120M 02       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 92.50       | 1.652 | 0.668        | 17.00 | Y           | AG             | AS            |
| LC 120M 03       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 77.20       | 1.379 | 0.750        | 19.00 | Y           | AG             | AS            |
| LC 120M 04       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 66.30       | 1.184 | 0.833        | 21.15 | Z           | AK             | AU            |
| LC 120M 05       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 58.00       | 1.036 | 0.916        | 23.26 | Z           | AL             | AW            |
| LC 120M 06       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 51.60       | 0.921 | 0.999        | 25.37 | AA          | AL             | AW            |
| LC 120M 07       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 42.30       | 0.755 | 1.164        | 29.56 | AB          | AM             | AX            |
| LC 120M 08       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 35.80       | 0.639 | 1.330        | 33.78 | AC          | AO             | AZ            |
| LC 120M 09       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 31.00       | 0.554 | 1.498        | 38.04 | AE          | AP             | AZA           |
| LC 120M 10       |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 27.30       | 0.488 | 1.666        | 42.31 | AG          | AR             | AZB           |
| LC 125M 00       | 1.095            | 27.81 | 1.125                    | 28.58 | .125          | 3.18 | 90.000                     | 40.761 | 0.875       | 22.23  | 224.00      | 4.000 | 0.479        | 12.15 | X           | AG             | AS            |
| LC 125M 0A       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 186.50      | 3.330 | 0.523        | 13.28 | X           | AG             | AS            |
| LC 125M 0B       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 140.00      | 2.500 | 0.611        | 15.52 | X           | AG             | AS            |
| LC 125M 0        |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 112.00      | 1.997 | 0.675        | 17.14 | Y           | AK             | AU            |
| LC 125M 01       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 91.00       | 1.622 | 0.768        | 19.51 | Y           | AK             | AU            |
| LC 125M 02       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 79.00       | 1.409 | 0.855        | 21.72 | Z           | AL             | AW            |
| LC 125M 03       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 69.00       | 1.230 | 0.955        | 24.26 | Z           | AL             | AW            |
| LC 125M 04       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 61.00       | 1.088 | 1.044        | 26.52 | AA          | AM             | AX            |
| LC 125M 05       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 50.00       | 0.892 | 1.193        | 30.30 | AB          | AM             | AX            |
| LC 125M 06       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 42.00       | 0.749 | 1.460        | 37.08 | AC          | AO             | AZ            |
| LC 125M 07       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 36.00       | 0.642 | 1.567        | 39.80 | AD          | AP             | AZA           |
| LC 125M 08       |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 32.00       | 0.570 | 1.755        | 44.58 | AG          | AS             | AZB           |
| LC 135M 0        | 1.095            | 27.81 | 1.125                    | 28.58 | .135          | 3.43 | 100.000                    | 45.290 | 1.500       | 38.10  | 140.00      | 2.496 | 0.783        | 19.89 | AD          | AO             | AZ            |
| LC 135M 01       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 100.00      | 1.783 | 1.000        | 25.40 | AD          | AO             | AZ            |
| LC 135M 02       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 88.00       | 1.569 | 1.098        | 27.89 | AE          | AP             | AZA           |
| LC 135M 03       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 78.00       | 1.391 | 1.205        | 30.61 | AG          | AR             | AZB           |
| LC 135M 04       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 64.00       | 1.141 | 1.425        | 36.20 | AJ          | AS             | AZD           |
| LC 135M 05       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 53.00       | 0.945 | 1.665        | 42.49 | AK          | AT             | AZE           |
| LC 135M 06       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 46.00       | 0.820 | 1.868        | 47.45 | AK          | AT             | AZE           |
| LC 135M 07       |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 40.00       | 0.713 | 2.063        | 52.40 | AM          | AW             | AZG           |
| LC 135M 08       |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 36.00       | 0.642 | 2.302        | 58.47 | AN          | AX             | AZH           |
| LC 085N 01       | 1.218            | 30.94 | 1.250                    | 31.75 | .085          | 2.16 | 21.230                     | 9.630  | 0.875       | 22.23  | 36.60       | 0.654 | 0.304        | 7.72  | T           | X              | AE            |
| LC 085N 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 31.10       | 0.555 | 0.327        | 8.30  | T           | X              | AE            |
| LC 085N 03       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 19.40       | 0.346 | 0.418        | 10.62 | T           | X              | AE            |
| LC 085N 04       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 14.10       | 0.252 | 0.509        | 12.94 | T           | X              | AE            |
| LC 085N 05       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 11.10       | 0.198 | 0.600        | 15.23 | W           | Z              | AJ            |
| LC 085N 06       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 9.10        | 0.163 | 0.693        | 17.60 | W           | AC             | AM            |
| LC 085N 07       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 7.80        | 0.139 | 0.779        | 19.80 | W           | AC             | AM            |
| LC 085N 08       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 6.70        | 0.120 | 0.879        | 22.32 | W           | AC             | AM            |
| LC 085N 09       |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 6.00        | 0.107 | 0.961        | 24.40 | Z           | AC             | AM            |
| LC 085N 10       |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 5.30        | 0.095 | 1.064        | 27.04 | Z           | AC             | AM            |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

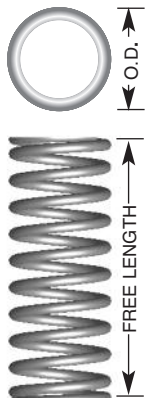
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB./IN.     | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 095N 01       | 1.218            | 30.94 | 1.250                    | 31.75 | .095          | 2.44 | 32.070                     | 14.550 | 0.875       | 22.23  | 59.60       | 1.064 | 0.337        | 8.57  | T           | X              | AE            |
| LC 095N 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 50.40       | 0.900 | 0.363        | 9.22  | T           | X              | AE            |
| LC 095N 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 38.50       | 0.688 | 0.415        | 10.54 | T           | X              | AE            |
| LC 095N 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 31.10       | 0.555 | 0.467        | 11.86 | T           | X              | AE            |
| LC 095N 05       |                  |       |                          |       |               |      |                            |        | 1.750       | 44.45  | 26.10       | 0.466 | 0.519        | 13.19 | T           | X              | AE            |
| LC 095N 06       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 22.50       | 0.402 | 0.571        | 14.50 | T           | X              | AE            |
| LC 095N 07       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 19.80       | 0.354 | 0.622        | 15.80 | T           | X              | AE            |
| LC 095N 08       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 17.60       | 0.314 | 0.675        | 17.15 | W           | Z              | AJ            |
| LC 095N 09       |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 15.90       | 0.284 | 0.727        | 18.46 | W           | AC             | AM            |
| LC 095N 10       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 14.50       | 0.259 | 0.778        | 19.76 | W           | AC             | AM            |
| LC 095N 11       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 12.30       | 0.220 | 0.882        | 22.40 | W           | AC             | AM            |
| LC 095N 12       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 10.70       | 0.191 | 0.985        | 25.01 | W           | AC             | AM            |
| LC 095N 13       |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 9.50        | 0.170 | 1.084        | 27.54 | Z           | AC             | AP            |
| LC 095N 14       |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 8.50        | 0.152 | 1.189        | 30.20 | Z           | AC             | AP            |
| LC 105N 01       | 1.218            | 30.94 | 1.250                    | 31.75 | .105          | 2.67 | 41.630                     | 18.880 | 0.875       | 22.23  | 82.50       | 1.473 | 0.382        | 9.71  | W           | AE             | AO            |
| LC 105N 02       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 69.50       | 1.241 | 0.414        | 10.50 | W           | AE             | AO            |
| LC 105N 03       |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 52.80       | 0.943 | 0.476        | 12.09 | W           | AE             | AO            |
| LC 105N 04       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 42.50       | 0.759 | 0.539        | 13.69 | W           | AE             | AO            |
| LC 105N 05       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 30.70       | 0.548 | 0.663        | 16.83 | X           | AG             | AS            |
| LC 105N 06       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 24.00       | 0.429 | 0.787        | 20.00 | Y           | AK             | AU            |
| LC 105N 07       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 19.70       | 0.352 | 0.912        | 23.17 | AA          | AM             | AX            |
| LC 105N 08       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 16.70       | 0.298 | 1.037        | 26.34 | AB          | AN             | AX            |
| LC 105N 09       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 14.50       | 0.259 | 1.162        | 29.50 | AD          | AO             | AZ            |
| LC 105N 10       |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 12.80       | 0.229 | 1.287        | 32.69 | AE          | AP             | AZA           |
| LC 105N 11       |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 11.50       | 0.205 | 1.408        | 35.77 | AE          | AP             | AZA           |
| LC 112N 00       | 1.218            | 30.94 | 1.250                    | 31.75 | .112          | 2.84 | 52.000                     | 23.600 | 0.875       | 22.23  | 108.75      | 1.942 | 0.408        | 10.37 | Y           | AG             | AS            |
| LC 112N 0A       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 91.12       | 1.627 | 0.442        | 11.24 | Y           | AG             | AS            |
| LC 112N 0        |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 69.00       | 1.232 | 0.510        | 12.96 | Y           | AG             | AS            |
| LC 112N 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 55.42       | 0.990 | 0.579        | 14.70 | Y           | AG             | AS            |
| LC 112N 02       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 39.82       | 0.710 | 0.715        | 18.16 | Z           | AK             | AU            |
| LC 112N 03       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 31.07       | 0.550 | 0.851        | 21.63 | AA          | AM             | AX            |
| LC 112N 04       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 25.48       | 0.450 | 0.988        | 25.09 | AC          | AO             | AZ            |
| LC 112N 05       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 21.59       | 0.390 | 1.124        | 28.55 | AD          | AP             | AZA           |
| LC 112N 06       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 18.73       | 0.330 | 1.261        | 32.02 | AG          | AR             | AZB           |
| LC 125N 00       | 1.218            | 30.94 | 1.250                    | 31.75 | .125          | 3.18 | 72.000                     | 32.660 | 0.875       | 22.23  | 169.00      | 3.018 | 0.462        | 11.74 | Z           | AK             | AU            |
| LC 125N 0A       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 141.00      | 2.518 | 0.503        | 12.77 | Z           | AK             | AU            |
| LC 125N 0        |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 105.50      | 1.884 | 0.586        | 14.87 | AA          | AK             | AU            |
| LC 125N 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 84.48       | 1.510 | 0.667        | 16.94 | AA          | AL             | AW            |
| LC 125N 02       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 60.34       | 1.080 | 0.831        | 21.11 | AB          | AM             | AX            |
| LC 125N 2A       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 52.75       | 0.942 | 0.914        | 23.20 | AC          | AN             | AX            |
| LC 125N 03       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 46.93       | 0.840 | 0.995        | 25.27 | AC          | AN             | AY            |
| LC 125N 04       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 38.40       | 0.690 | 1.159        | 29.43 | AD          | AO             | AZ            |
| LC 125N 05       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 32.49       | 0.580 | 1.322        | 33.59 | AE          | AP             | AZA           |
| LC 125N 06       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 28.16       | 0.500 | 1.486        | 37.75 | AJ          | AR             | AZB           |
| LC 125N 07       |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 24.87       | 0.444 | 1.649        | 41.88 | AJ          | AR             | AZC           |
| LC 125N 08       |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 22.25       | 0.397 | 1.813        | 46.04 | AJ          | AS             | AZD           |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (INCH)

ENDS ARE GROUND • Music Wire (Plated), 302 Stainless Steel\* (Passivated),  
or 316 Stainless Steel (Passivated Ultrasonically Cleaned)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |               |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|---------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* | 316 Stainless |
| LC 135N 00       |                  |       |                          |       |               |      |                            |        | 0.875       | 22.23  | 250.00      | 4.464 | 0.487        | 12.37 | AD          | AP             | AX            |
| LC 135N 0A       |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 207.00      | 3.697 | 0.531        | 13.48 | AD          | AP             | AX            |
| LC 135N 0        |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 154.00      | 2.750 | 0.617        | 15.68 | AD          | AP             | AX            |
| LC 135N 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 122.85      | 2.194 | 0.683        | 17.35 | AD          | AP             | AY            |
| LC 135N 02       | 1.218            | 30.94 | 1.250                    | 31.75 | .135          | 3.43 | 100.360                    | 45.520 | 2.000       | 50.80  | 87.34       | 1.560 | 0.851        | 21.61 | AD          | AP             | AZ            |
| LC 135N 03       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 67.76       | 1.210 | 1.019        | 25.88 | AG          | AP             | AZA           |
| LC 135N 04       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 55.35       | 0.988 | 1.187        | 30.14 | AJ          | AS             | AZB           |
| LC 135N 05       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 46.78       | 0.835 | 1.355        | 34.41 | AK          | AU             | AZC           |
| LC 135N 06       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 40.51       | 0.723 | 1.523        | 38.67 | AK          | AU             | AZD           |
| LC 112P 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 41.30       | 0.738 | 0.489        | 12.41 | AB          | AL             | AT            |
| LC 112P 02       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 29.60       | 0.529 | 0.591        | 15.00 | AD          | AM             | AU            |
| LC 112P 03       | 1.460            | 37.08 | 1.500                    | 38.10 | .112          | 2.84 | 42.230                     | 19.160 | 2.500       | 63.50  | 23.10       | 0.413 | 0.692        | 17.57 | AD          | AN             | AW            |
| LC 112P 04       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 19.00       | 0.339 | 0.791        | 20.10 | AD          | AN             | AX            |
| LC 112P 05       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 16.10       | 0.288 | 0.892        | 22.67 | AE          | AP             | AY            |
| LC 112P 06       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 13.90       | 0.248 | 0.997        | 25.33 | AJ          | AR             | AZ            |
| LC 125P 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 60.70       | 1.084 | 0.570        | 14.49 | AB          | AM             | AU            |
| LC 125P 02       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 43.40       | 0.775 | 0.695        | 17.66 | AC          | AN             | AW            |
| LC 125P 03       | 1.460            | 37.08 | 1.500                    | 38.10 | .125          | 3.18 | 57.440                     | 26.050 | 2.500       | 63.50  | 33.70       | 0.602 | 0.821        | 20.85 | AD          | AO             | AX            |
| LC 125P 04       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 27.60       | 0.493 | 0.946        | 24.02 | AE          | AO             | AY            |
| LC 125P 05       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 23.30       | 0.416 | 1.073        | 27.24 | AG          | AR             | AZ            |
| LC 125P 06       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 20.20       | 0.361 | 1.198        | 30.42 | AJ          | AS             | AZA           |
| LC 135P 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 80.30       | 1.434 | 0.634        | 16.09 | AE          | AR             | AZ            |
| LC 135P 02       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 57.10       | 1.020 | 0.778        | 19.76 | AG          | AR             | AZA           |
| LC 135P 03       | 1.460            | 37.08 | 1.500                    | 38.10 | .135          | 3.43 | 70.000                     | 31.750 | 2.500       | 63.50  | 44.30       | 0.791 | 0.922        | 23.43 | AJ          | AT             | AZB           |
| LC 135P 04       |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 36.20       | 0.646 | 1.067        | 27.09 | AK          | AT             | AZC           |
| LC 135P 05       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 30.60       | 0.546 | 1.211        | 30.75 | AK          | AU             | AZD           |
| LC 135P 06       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 26.50       | 0.473 | 1.355        | 34.42 | AL          | AW             | AZE           |
| LC 135Q 01       |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 64.40       | 1.150 | 0.554        | 14.07 | AE          | AU             | AZA           |
| LC 135Q 02       |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 45.80       | 0.818 | 0.666        | 16.91 | AL          | AW             | AZB           |
| LC 135Q 03       |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 35.50       | 0.634 | 0.778        | 19.77 | AM          | AY             | AZC           |
| LC 135Q 04       | 1.687            | 42.85 | 1.750                    | 44.45 | .135          | 3.43 | 61.890                     | 28.070 | 3.000       | 76.20  | 29.00       | 0.518 | 0.891        | 22.62 | AM          | AZ             | AZD           |
| LC 135Q 05       |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 24.50       | 0.438 | 1.003        | 25.48 | AM          | AZA            | AZE           |
| LC 135Q 06       |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 21.20       | 0.379 | 1.116        | 28.34 | AN          | AZB            | AZF           |
| LC 135Q 07       |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 18.70       | 0.334 | 1.228        | 31.19 | AN          | AZB            | AZG           |
| LC 135Q 08       |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 16.70       | 0.298 | 1.342        | 34.08 | AN          | AZB            | AZH           |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

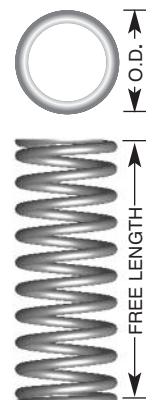
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |   |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|---|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | S |
| LCM035A 01       | 3.00             | .118 | 3.20                     | .126 | .35                   | .014 | 2.10                      | .083 | 8.14                       | 1.830 | 6.50                | 0.256 | 1.91        | 10.88  | 2.400        | 0.094 | F           | F |
| LCM035A 02       |                  |      |                          |      |                       |      |                           |      |                            |       | 8.00                | 0.315 | 1.51        | 8.65   | 2.800        | 0.110 | F           | F |
| LCM035A 03       |                  |      |                          |      |                       |      |                           |      |                            |       | 9.50                | 0.374 | 1.26        | 7.17   | 3.200        | 0.126 | F           | F |
| LCM035A 04       |                  |      |                          |      |                       |      |                           |      |                            |       | 11.00               | 0.433 | 1.07        | 6.13   | 3.600        | 0.142 | F           | F |
| LCM035A 05       |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 0.94        | 5.35   | 4.000        | 0.157 | F           | F |
| LCM035A 06       |                  |      |                          |      |                       |      |                           |      |                            |       | 14.00               | 0.551 | 0.83        | 4.75   | 4.400        | 0.173 | F           | F |
| LCM035A 07       |                  |      |                          |      |                       |      |                           |      |                            |       | 15.50               | 0.610 | 0.75        | 4.27   | 4.800        | 0.189 | F           | F |
| LCM035A 08       |                  |      |                          |      |                       |      |                           |      |                            |       | 17.00               | 0.669 | 0.68        | 3.87   | 5.250        | 0.207 | F           | F |
| LCM035A 09       |                  |      |                          |      |                       |      |                           |      |                            |       | 19.00               | 0.748 | 0.60        | 3.45   | 5.800        | 0.228 | F           | F |
| LCM035A 10       |                  |      |                          |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 0.46        | 2.60   | 7.400        | 0.291 | F           | F |
| LCM035A 11       |                  |      |                          |      |                       |      |                           |      |                            |       | 27.50               | 1.083 | 0.41        | 2.36   | 8.150        | 0.321 | F           | F |
| LCM035A 12       |                  |      |                          |      |                       |      |                           |      |                            |       | 30.00               | 1.181 | 0.38        | 2.15   | 8.850        | 0.348 | F           | F |
| LCM035A 13       |                  |      |                          |      |                       |      |                           |      |                            |       | 40.00               | 1.575 | 0.28        | 1.61   | 11.600       | 0.457 | F           | F |
| LCM050A 01       | 3.00             | .118 | 3.20                     | .126 | .50                   | .020 | 1.80                      | .071 | 20.50                      | 4.610 | 6.50                | 0.256 | 7.50        | 42.81  | 3.760        | 0.148 | F           | F |
| LCM050A 02       |                  |      |                          |      |                       |      |                           |      |                            |       | 8.00                | 0.315 | 5.89        | 33.64  | 4.520        | 0.178 | F           | F |
| LCM050A 03       |                  |      |                          |      |                       |      |                           |      |                            |       | 9.50                | 0.374 | 4.85        | 27.70  | 5.260        | 0.207 | F           | F |
| LCM050A 04       |                  |      |                          |      |                       |      |                           |      |                            |       | 11.00               | 0.433 | 4.12        | 23.54  | 6.020        | 0.237 | F           | F |
| LCM050A 05       |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 3.58        | 20.47  | 6.760        | 0.266 | F           | F |
| LCM050A 06       |                  |      |                          |      |                       |      |                           |      |                            |       | 14.00               | 0.551 | 3.17        | 18.11  | 7.520        | 0.296 | F           | F |
| LCM050A 07       |                  |      |                          |      |                       |      |                           |      |                            |       | 15.50               | 0.610 | 2.84        | 16.24  | 8.280        | 0.326 | F           | F |
| LCM050A 08       |                  |      |                          |      |                       |      |                           |      |                            |       | 17.00               | 0.669 | 2.58        | 14.72  | 9.020        | 0.355 | F           | F |
| LCM050A 09       |                  |      |                          |      |                       |      |                           |      |                            |       | 19.00               | 0.748 | 2.29        | 13.08  | 10.030       | 0.395 | F           | F |
| LCM050A 10       |                  |      |                          |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 1.72        | 9.81   | 13.030       | 0.513 | F           | F |
| LCM050A 11       |                  |      |                          |      |                       |      |                           |      |                            |       | 27.50               | 1.083 | 1.56        | 8.88   | 14.300       | 0.563 | F           | F |
| LCM050A 12       |                  |      |                          |      |                       |      |                           |      |                            |       | 30.00               | 1.181 | 1.42        | 8.12   | 15.540       | 0.612 | F           | F |
| LCM050A 13       |                  |      |                          |      |                       |      |                           |      |                            |       | 40.00               | 1.575 | 1.06        | 6.04   | 20.550       | 0.809 | F           | F |
| LCM050AA 01†     | 3.00             | .118 | 3.40                     | .134 | .50                   | .020 | 1.70                      | .067 | 16.79                      | 3.775 | 4.40                | 0.173 | 11.58       | 66.12  | 2.750        | 0.108 | F           | F |
| LCM050AA 02†     |                  |      |                          |      |                       |      |                           |      |                            |       | 6.10                | 0.240 | 7.43        | 42.43  | 3.750        | 0.148 | F           | F |
| LCM050AA 03†     |                  |      |                          |      |                       |      |                           |      |                            |       | 8.70                | 0.343 | 4.80        | 27.41  | 5.250        | 0.207 | F           | F |
| LCM050AA 04†     |                  |      |                          |      |                       |      |                           |      |                            |       | 12.00               | 0.472 | 3.27        | 18.67  | 7.250        | 0.285 | F           | F |
| LCM050AA 05†     |                  |      |                          |      |                       |      |                           |      |                            |       | 17.50               | 0.689 | 2.21        | 12.62  | 10.250       | 0.404 | F           | F |
| LCM050AB 01†     | 3.70             | .146 | 4.10                     | .161 | .50                   | .020 | 2.40                      | .094 | 14.50                      | 3.261 | 5.50                | 0.217 | 5.57        | 31.81  | 2.750        | 0.108 | F           | F |
| LCM050AB 02†     |                  |      |                          |      |                       |      |                           |      |                            |       | 7.90                | 0.311 | 3.54        | 20.21  | 3.750        | 0.148 | F           | F |
| LCM050AB 03†     |                  |      |                          |      |                       |      |                           |      |                            |       | 11.50               | 0.453 | 2.28        | 13.02  | 5.250        | 0.207 | F           | F |
| LCM050AB 04†     |                  |      |                          |      |                       |      |                           |      |                            |       | 16.00               | 0.630 | 1.56        | 8.91   | 7.250        | 0.285 | F           | F |
| LCM050AB 05†     |                  |      |                          |      |                       |      |                           |      |                            |       | 23.50               | 0.925 | 1.05        | 6.00   | 10.250       | 0.404 | F           | F |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |   |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|---|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | S |
| LCM060AB 01      | 3.70             | .146 | 4.00                     | .158 | .60                   | .024 | 2.20                      | .087 | 22.60                      | 5.080 | 6.50                | 0.256 | 9.35        | 53.37  | 4.090        | 0.161 | F           | F |
| LCM060AB 02      |                  |      |                          |      |                       |      |                           |      |                            |       | 8.00                | 0.315 | 7.29        | 41.58  | 4.900        | 0.193 | F           | F |
| LCM060AB 03      |                  |      |                          |      |                       |      |                           |      |                            |       | 9.50                | 0.374 | 5.97        | 34.07  | 5.720        | 0.225 | F           | F |
| LCM060AB 04      |                  |      |                          |      |                       |      |                           |      |                            |       | 11.00               | 0.433 | 5.06        | 28.85  | 6.550        | 0.258 | F           | F |
| LCM060AB 05      |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 4.39        | 25.02  | 7.370        | 0.290 | F           | F |
| LCM060AB 06      |                  |      |                          |      |                       |      |                           |      |                            |       | 14.00               | 0.551 | 3.87        | 22.09  | 8.180        | 0.322 | F           | F |
| LCM060AB 07      |                  |      |                          |      |                       |      |                           |      |                            |       | 15.50               | 0.610 | 3.47        | 19.77  | 8.990        | 0.354 | F           | F |
| LCM060AB 08      |                  |      |                          |      |                       |      |                           |      |                            |       | 17.00               | 0.669 | 3.14        | 17.90  | 9.800        | 0.386 | F           | F |
| LCM060AB 09      |                  |      |                          |      |                       |      |                           |      |                            |       | 19.00               | 0.748 | 2.79        | 15.89  | 10.900       | 0.429 | F           | F |
| LCM060AB 10      |                  |      |                          |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 2.08        | 11.88  | 14.170       | 0.558 | F           | F |
| LCM060AB 11      |                  |      |                          |      |                       |      |                           |      |                            |       | 27.50               | 1.083 | 1.88        | 10.75  | 15.540       | 0.612 | F           | F |
| LCM060AB 12      |                  |      |                          |      |                       |      |                           |      |                            |       | 30.00               | 1.181 | 1.72        | 9.82   | 16.890       | 0.665 | F           | F |
| LCM060AB 13      |                  |      |                          |      |                       |      |                           |      |                            |       | 40.00               | 1.575 | 1.28        | 7.29   | 22.350       | 0.880 | F           | F |
| LCM063AC 01†     | 3.83             | .151 | 4.20                     | .165 | .63                   | .025 | 2.30                      | .091 | 25.65                      | 5.766 | 5.50                | 0.217 | 14.03       | 80.11  | 3.465        | 0.136 | F           | F |
| LCM063AC 02†     |                  |      |                          |      |                       |      |                           |      |                            |       | 7.80                | 0.307 | 8.90        | 50.82  | 4.725        | 0.186 | F           | F |
| LCM063AC 03†     |                  |      |                          |      |                       |      |                           |      |                            |       | 11.00               | 0.433 | 5.76        | 32.89  | 6.615        | 0.260 | F           | F |
| LCM063AC 04†     |                  |      |                          |      |                       |      |                           |      |                            |       | 15.50               | 0.610 | 3.92        | 22.38  | 9.135        | 0.360 | F           | F |
| LCM063AC 05†     |                  |      |                          |      |                       |      |                           |      |                            |       | 22.50               | 0.886 | 2.64        | 15.07  | 12.915       | 0.508 | F           | F |
| LCM050AE 01†     | 4.50             | .177 | 5.00                     | .197 | .50                   | .020 | 3.10                      | .122 | 11.51                      | 2.588 | 7.00                | 0.276 | 2.83        | 16.18  | 2.750        | 0.108 | F           | F |
| LCM050AE 02†     |                  |      |                          |      |                       |      |                           |      |                            |       | 10.00               | 0.394 | 1.81        | 10.36  | 3.750        | 0.148 | F           | F |
| LCM050AE 03†     |                  |      |                          |      |                       |      |                           |      |                            |       | 15.00               | 0.591 | 1.17        | 6.68   | 5.250        | 0.207 | F           | F |
| LCM050AE 04†     |                  |      |                          |      |                       |      |                           |      |                            |       | 21.50               | 0.846 | 0.79        | 4.51   | 7.250        | 0.285 | F           | F |
| LCM050AE 05†     |                  |      |                          |      |                       |      |                           |      |                            |       | 31.00               | 1.220 | 0.54        | 3.08   | 10.250       | 0.404 | F           | F |
| LCM035B 01       | 4.60             | .181 | 4.80                     | .189 | .35                   | .014 | 3.60                      | .142 | 4.90                       | 1.110 | 6.50                | 0.256 | 0.98        | 5.57   | 1.420        | 0.056 | F           | F |
| LCM035B 02       |                  |      |                          |      |                       |      |                           |      |                            |       | 8.00                | 0.315 | 0.78        | 4.43   | 1.600        | 0.063 | F           | F |
| LCM035B 03       |                  |      |                          |      |                       |      |                           |      |                            |       | 9.50                | 0.374 | 0.64        | 3.67   | 1.800        | 0.071 | F           | F |
| LCM035B 04       |                  |      |                          |      |                       |      |                           |      |                            |       | 11.00               | 0.433 | 0.55        | 3.14   | 1.980        | 0.078 | F           | F |
| LCM035B 05       |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 0.48        | 2.74   | 2.180        | 0.086 | F           | F |
| LCM035B 06       |                  |      |                          |      |                       |      |                           |      |                            |       | 14.00               | 0.551 | 0.43        | 2.43   | 2.360        | 0.093 | F           | F |
| LCM035B 07       |                  |      |                          |      |                       |      |                           |      |                            |       | 15.50               | 0.610 | 0.38        | 2.18   | 2.540        | 0.100 | F           | F |
| LCM035B 08       |                  |      |                          |      |                       |      |                           |      |                            |       | 17.00               | 0.669 | 0.35        | 1.98   | 2.740        | 0.108 | F           | F |
| LCM035B 09       |                  |      |                          |      |                       |      |                           |      |                            |       | 19.00               | 0.748 | 0.31        | 1.77   | 3.000        | 0.118 | F           | F |
| LCM035B 10       |                  |      |                          |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 0.23        | 1.33   | 3.730        | 0.147 | F           | F |
| LCM035B 11       |                  |      |                          |      |                       |      |                           |      |                            |       | 30.00               | 1.181 | 0.19        | 1.10   | 4.370        | 0.172 | F           | F |
| LCM035B 12       |                  |      |                          |      |                       |      |                           |      |                            |       | 40.00               | 1.575 | 0.14        | 0.82   | 5.610        | 0.221 | F           | F |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

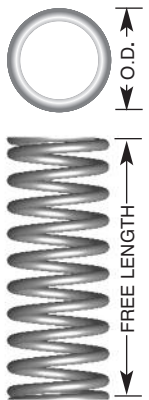
† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|----------------|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | Music Wire  | 302 Stainless* |
| LCM045B 01       | 4.60             | .181 | 4.80                     | .189 | .45                   | .018 | 3.40                      | .134 | 10.80                      | 2.430 | 6.50                | 0.256 | 2.40        | 13.73  | 2.010        | 0.079 | F           | F              |
| LCM045B 02       |                  |      |                          |      |                       |      |                           |      |                            |       | 8.00                | 0.315 | 1.90        | 10.83  | 2.310        | 0.091 | F           | F              |
| LCM045B 03       |                  |      |                          |      |                       |      |                           |      |                            |       | 9.50                | 0.374 | 1.57        | 8.94   | 2.620        | 0.103 | F           | F              |
| LCM045B 04       |                  |      |                          |      |                       |      |                           |      |                            |       | 11.00               | 0.433 | 1.33        | 7.61   | 2.900        | 0.114 | F           | F              |
| LCM045B 05       |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 1.16        | 6.63   | 3.200        | 0.126 | F           | F              |
| LCM045B 06       |                  |      |                          |      |                       |      |                           |      |                            |       | 14.00               | 0.551 | 1.03        | 5.87   | 3.510        | 0.138 | F           | F              |
| LCM045B 07       |                  |      |                          |      |                       |      |                           |      |                            |       | 15.50               | 0.610 | 0.92        | 5.27   | 3.780        | 0.149 | F           | F              |
| LCM045B 08       |                  |      |                          |      |                       |      |                           |      |                            |       | 17.00               | 0.669 | 0.84        | 4.78   | 4.090        | 0.161 | F           | F              |
| LCM045B 09       |                  |      |                          |      |                       |      |                           |      |                            |       | 19.00               | 0.748 | 0.74        | 4.25   | 4.500        | 0.177 | F           | F              |
| LCM045B 10       |                  |      |                          |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 0.56        | 3.19   | 5.690        | 0.224 | F           | F              |
| LCM045B 11       |                  |      |                          |      |                       |      |                           |      |                            |       | 30.00               | 1.181 | 0.46        | 2.64   | 6.680        | 0.263 | F           | F              |
| LCM045B 12       |                  |      |                          |      |                       |      |                           |      |                            |       | 40.00               | 1.575 | 0.35        | 1.97   | 8.660        | 0.341 | F           | F              |
| LCM055B 01       | 4.60             | .181 | 4.80                     | .189 | .55                   | .022 | 3.27                      | .129 | 17.65                      | 3.970 | 6.50                | 0.256 | 4.72        | 26.96  | 2.770        | 0.109 | F           | F              |
| LCM055B 02       |                  |      |                          |      |                       |      |                           |      |                            |       | 8.00                | 0.315 | 3.70        | 21.10  | 3.230        | 0.127 | F           | F              |
| LCM055B 03       |                  |      |                          |      |                       |      |                           |      |                            |       | 9.50                | 0.374 | 3.04        | 17.33  | 3.680        | 0.145 | F           | F              |
| LCM055B 04       |                  |      |                          |      |                       |      |                           |      |                            |       | 11.00               | 0.433 | 2.57        | 14.70  | 4.140        | 0.163 | F           | F              |
| LCM055B 05       |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 2.24        | 12.77  | 4.600        | 0.181 | F           | F              |
| LCM055B 06       |                  |      |                          |      |                       |      |                           |      |                            |       | 14.00               | 0.551 | 1.98        | 11.28  | 5.050        | 0.199 | F           | F              |
| LCM055B 07       |                  |      |                          |      |                       |      |                           |      |                            |       | 15.50               | 0.610 | 1.77        | 10.11  | 5.540        | 0.218 | F           | F              |
| LCM055B 08       |                  |      |                          |      |                       |      |                           |      |                            |       | 17.00               | 0.669 | 1.60        | 9.16   | 5.990        | 0.236 | F           | F              |
| LCM055B 09       |                  |      |                          |      |                       |      |                           |      |                            |       | 19.00               | 0.748 | 1.42        | 8.13   | 6.600        | 0.260 | F           | F              |
| LCM055B 10       |                  |      |                          |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 1.07        | 6.09   | 8.430        | 0.332 | F           | F              |
| LCM055B 11       |                  |      |                          |      |                       |      |                           |      |                            |       | 27.50               | 1.083 | 0.96        | 5.51   | 9.220        | 0.363 | F           | F              |
| LCM055B 12       |                  |      |                          |      |                       |      |                           |      |                            |       | 30.00               | 1.181 | 0.88        | 5.04   | 9.980        | 0.393 | F           | F              |
| LCM055B 13       |                  |      |                          |      |                       |      |                           |      |                            |       | 40.00               | 1.575 | 0.65        | 3.74   | 13.060       | 0.514 | F           | F              |
| LCM060B 01       | 4.60             | .181 | 4.80                     | .189 | .60                   | .024 | 3.10                      | .122 | 23.50                      | 5.300 | 6.50                | 0.256 | 6.81        | 38.91  | 3.050        | 0.120 | F           | F              |
| LCM060B 02       |                  |      |                          |      |                       |      |                           |      |                            |       | 8.00                | 0.315 | 5.31        | 30.33  | 3.560        | 0.140 | F           | F              |
| LCM060B 03       |                  |      |                          |      |                       |      |                           |      |                            |       | 9.50                | 0.374 | 4.35        | 24.85  | 4.090        | 0.161 | F           | F              |
| LCM060B 04       |                  |      |                          |      |                       |      |                           |      |                            |       | 11.00               | 0.433 | 3.68        | 21.04  | 4.600        | 0.181 | F           | F              |
| LCM060B 05       |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 3.20        | 18.25  | 5.130        | 0.202 | F           | F              |
| LCM060B 06       |                  |      |                          |      |                       |      |                           |      |                            |       | 14.00               | 0.551 | 2.82        | 16.11  | 5.660        | 0.223 | F           | F              |
| LCM060B 07       |                  |      |                          |      |                       |      |                           |      |                            |       | 15.50               | 0.610 | 2.53        | 14.42  | 6.170        | 0.243 | F           | F              |
| LCM060B 08       |                  |      |                          |      |                       |      |                           |      |                            |       | 17.00               | 0.669 | 2.29        | 13.05  | 6.710        | 0.264 | F           | F              |
| LCM060B 09       |                  |      |                          |      |                       |      |                           |      |                            |       | 19.00               | 0.748 | 2.03        | 11.59  | 7.390        | 0.291 | F           | F              |
| LCM060B 10       |                  |      |                          |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 1.52        | 8.67   | 9.470        | 0.373 | F           | F              |
| LCM060B 11       |                  |      |                          |      |                       |      |                           |      |                            |       | 27.50               | 1.083 | 1.37        | 7.84   | 10.340       | 0.407 | F           | F              |
| LCM060B 12       |                  |      |                          |      |                       |      |                           |      |                            |       | 30.00               | 1.181 | 1.25        | 7.16   | 11.230       | 0.442 | F           | F              |
| LCM060B 13       |                  |      |                          |      |                       |      |                           |      |                            |       | 40.00               | 1.575 | 0.93        | 5.32   | 16.080       | 0.633 | F           | F              |
| LCM060B 14       |                  |      |                          |      |                       |      |                           |      |                            |       | 50.00               | 1.969 | 0.74        | 4.23   | 18.190       | 0.716 | F           | F              |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |   |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|--------|---------------------|-------|-------------|--------|--------------|-------|-------------|---|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.    | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | S |
| LCM080B 01       | 4.60             | .181 | 4.80                     | .189 | .80                   | .032 | 2.70                      | .106 | 55.90                      | 12.570 | 6.50                | 0.256 | 24.01       | 137.07 | 4.170        | 0.164 | F           | F |
| LCM080B 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 8.00                | 0.315 | 18.38       | 104.94 | 4.950        | 0.195 | F           | F |
| LCM080B 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 9.50                | 0.374 | 14.89       | 85.02  | 5.740        | 0.226 | F           | F |
| LCM080B 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 11.00               | 0.433 | 12.51       | 71.45  | 6.530        | 0.257 | F           | F |
| LCM080B 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 12.50               | 0.492 | 10.79       | 61.62  | 7.320        | 0.288 | F           | F |
| LCM080B 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 14.00               | 0.551 | 9.48        | 54.13  | 8.100        | 0.319 | F           | F |
| LCM080B 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 8.46        | 48.32  | 8.890        | 0.350 | F           | F |
| LCM080B 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 17.00               | 0.669 | 7.64        | 43.61  | 9.680        | 0.381 | F           | F |
| LCM080B 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 6.76        | 38.60  | 10.740       | 0.423 | F           | F |
| LCM080B 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 5.03        | 28.70  | 13.890       | 0.547 | F           | F |
| LCM080B 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 27.50               | 1.083 | 4.54        | 25.93  | 15.190       | 0.598 | F           | F |
| LCM080B 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 4.14        | 23.65  | 16.510       | 0.650 | G           | G |
| LCM080B 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 3.06        | 17.49  | 21.770       | 0.857 | G           | G |
| LCM080B 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 2.43        | 13.88  | 27.000       | 1.063 | G           | G |
| LCM063BA 01†     | 4.63             | .182 | 5.00                     | .197 | .63                   | .025 | 3.00                      | .118 | 22.56                      | 5.072  | 6.70                | 0.264 | 7.16        | 40.88  | 3.465        | 0.136 | F           | F |
| LCM063BA 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 9.60                | 0.378 | 4.55        | 25.98  | 4.725        | 0.186 | F           | F |
| LCM063BA 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 14.00               | 0.551 | 2.94        | 16.79  | 6.615        | 0.260 | F           | F |
| LCM063BA 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 20.00               | 0.787 | 2.00        | 11.42  | 9.135        | 0.360 | F           | F |
| LCM063BA 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 29.00               | 1.142 | 1.35        | 7.71   | 12.915       | 0.508 | F           | F |
| LCM080BB 01†     | 4.80             | .189 | 5.30                     | .209 | .80                   | .031 | 2.80                      | .110 | 43.61                      | 9.803  | 6.90                | 0.272 | 18.53       | 105.81 | 4.400        | 0.173 | F           | F |
| LCM080BB 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 9.70                | 0.382 | 11.87       | 67.78  | 6.000        | 0.236 | F           | F |
| LCM080BB 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 14.00               | 0.551 | 7.67        | 43.80  | 8.400        | 0.331 | F           | F |
| LCM080BB 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 19.50               | 0.768 | 5.22        | 29.81  | 11.600       | 0.457 | F           | F |
| LCM080BB 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 28.00               | 1.102 | 3.52        | 20.10  | 16.400       | 0.646 | F           | F |
| LCM050BD 01†     | 5.50             | .217 | 6.20                     | .244 | .50                   | .020 | 4.00                      | .157 | 9.41                       | 2.116  | 9.40                | 0.370 | 1.45        | 8.28   | 2.750        | 0.108 | F           | F |
| LCM050BD 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 14.00               | 0.551 | 0.93        | 5.31   | 3.750        | 0.148 | F           | F |
| LCM050BD 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 20.50               | 0.807 | 0.61        | 3.48   | 5.250        | 0.207 | F           | F |
| LCM050BD 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 0.40        | 2.28   | 7.250        | 0.285 | G           | G |
| LCM050BD 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 44.50               | 1.752 | 0.26        | 1.48   | 10.250       | 0.404 | G           | G |
| LCM063BE 01†     | 5.63             | .222 | 6.10                     | .240 | .63                   | .025 | 3.90                      | .154 | 18.03                      | 4.052  | 8.50                | 0.335 | 3.70        | 21.13  | 3.465        | 0.136 | F           | F |
| LCM063BE 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 12.50               | 0.492 | 2.35        | 13.42  | 4.725        | 0.186 | F           | F |
| LCM063BE 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 18.50               | 0.728 | 1.52        | 8.68   | 6.615        | 0.260 | F           | F |
| LCM063BE 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 26.00               | 1.024 | 1.03        | 5.88   | 9.135        | 0.360 | F           | F |
| LCM063BE 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 38.50               | 1.516 | 0.70        | 4.00   | 12.915       | 0.508 | G           | G |
| LCM080BF 01†     | 5.80             | .228 | 6.30                     | .248 | .80                   | .031 | 3.80                      | .150 | 36.28                      | 8.156  | 8.30                | 0.327 | 9.53        | 54.42  | 4.400        | 0.173 | F           | F |
| LCM080BF 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 12.00               | 0.472 | 6.07        | 34.66  | 6.000        | 0.236 | F           | F |
| LCM080BF 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 17.50               | 0.689 | 3.92        | 22.38  | 8.400        | 0.331 | F           | F |
| LCM080BF 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 24.50               | 0.965 | 2.66        | 15.19  | 11.600       | 0.457 | G           | G |
| LCM080BF 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 36.00               | 1.417 | 1.80        | 10.28  | 16.400       | 0.646 | G           | G |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

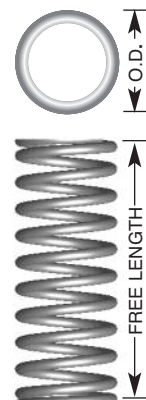
† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|----------------|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | Music Wire  | 302 Stainless* |
| LCM050C 01       | 6.00             | .236 | 6.40                     | .252 | .50                   | .020 | 4.57                      | .180 | 8.85                       | 1.990 | 6.50                | 0.256 | 1.96        | 11.18  | 1.980        | 0.078 | F           | F              |
| LCM050C 02       |                  |      |                          |      |                       |      |                           |      |                            |       | 8.00                | 0.315 | 1.54        | 8.79   | 2.260        | 0.089 | F           | F              |
| LCM050C 03       |                  |      |                          |      |                       |      |                           |      |                            |       | 9.50                | 0.374 | 1.27        | 7.24   | 2.540        | 0.100 | F           | F              |
| LCM050C 04       |                  |      |                          |      |                       |      |                           |      |                            |       | 11.00               | 0.433 | 1.08        | 6.15   | 2.790        | 0.110 | F           | F              |
| LCM050C 05       |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 0.94        | 5.35   | 3.070        | 0.121 | F           | F              |
| LCM050C 06       |                  |      |                          |      |                       |      |                           |      |                            |       | 14.00               | 0.551 | 0.83        | 4.73   | 3.350        | 0.132 | F           | F              |
| LCM050C 07       |                  |      |                          |      |                       |      |                           |      |                            |       | 15.50               | 0.610 | 0.74        | 4.24   | 3.610        | 0.142 | F           | F              |
| LCM050C 08       |                  |      |                          |      |                       |      |                           |      |                            |       | 17.00               | 0.669 | 0.67        | 3.84   | 3.890        | 0.153 | F           | F              |
| LCM050C 09       |                  |      |                          |      |                       |      |                           |      |                            |       | 19.00               | 0.748 | 0.60        | 3.42   | 4.240        | 0.167 | F           | F              |
| LCM050C 10       |                  |      |                          |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 0.45        | 2.56   | 5.330        | 0.210 | G           | G              |
| LCM050C 11       |                  |      |                          |      |                       |      |                           |      |                            |       | 27.50               | 1.083 | 0.41        | 2.32   | 5.770        | 0.227 | G           | G              |
| LCM050C 12       |                  |      |                          |      |                       |      |                           |      |                            |       | 30.00               | 1.181 | 0.37        | 2.12   | 6.220        | 0.245 | G           | G              |
| LCM050C 13       |                  |      |                          |      |                       |      |                           |      |                            |       | 35.00               | 1.378 | 0.32        | 1.81   | 7.140        | 0.281 | G           | G              |
| LCM050C 14       |                  |      |                          |      |                       |      |                           |      |                            |       | 40.00               | 1.575 | 0.28        | 1.58   | 8.030        | 0.316 | G           | G              |
| LCM050C 15       |                  |      |                          |      |                       |      |                           |      |                            |       | 45.00               | 1.772 | 0.25        | 1.40   | 8.940        | 0.352 | G           | G              |
| LCM050C 16       |                  |      |                          |      |                       |      |                           |      |                            |       | 50.00               | 1.969 | 0.22        | 1.26   | 9.830        | 0.387 | G           | G              |
| LCM060C 01       | 6.00             | .236 | 6.40                     | .252 | .60                   | .024 | 4.40                      | .173 | 14.70                      | 3.300 | 6.50                | 0.256 | 3.74        | 21.35  | 2.570        | 0.101 | F           | F              |
| LCM060C 02       |                  |      |                          |      |                       |      |                           |      |                            |       | 8.00                | 0.315 | 2.91        | 16.64  | 2.950        | 0.116 | F           | F              |
| LCM060C 03       |                  |      |                          |      |                       |      |                           |      |                            |       | 9.50                | 0.374 | 2.39        | 13.63  | 3.330        | 0.131 | F           | F              |
| LCM060C 04       |                  |      |                          |      |                       |      |                           |      |                            |       | 11.00               | 0.433 | 2.02        | 11.55  | 3.730        | 0.147 | F           | F              |
| LCM060C 05       |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 1.75        | 10.01  | 4.110        | 0.162 | F           | F              |
| LCM060C 06       |                  |      |                          |      |                       |      |                           |      |                            |       | 14.00               | 0.551 | 1.55        | 8.84   | 4.500        | 0.177 | F           | F              |
| LCM060C 07       |                  |      |                          |      |                       |      |                           |      |                            |       | 15.50               | 0.610 | 1.39        | 7.91   | 4.880        | 0.192 | F           | F              |
| LCM060C 08       |                  |      |                          |      |                       |      |                           |      |                            |       | 17.00               | 0.669 | 1.25        | 7.16   | 5.260        | 0.207 | F           | F              |
| LCM060C 09       |                  |      |                          |      |                       |      |                           |      |                            |       | 19.00               | 0.748 | 1.11        | 6.36   | 5.790        | 0.228 | F           | F              |
| LCM060C 10       |                  |      |                          |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 0.83        | 4.76   | 7.340        | 0.289 | G           | G              |
| LCM060C 11       |                  |      |                          |      |                       |      |                           |      |                            |       | 27.50               | 1.083 | 0.75        | 4.30   | 7.980        | 0.314 | G           | G              |
| LCM060C 12       |                  |      |                          |      |                       |      |                           |      |                            |       | 30.00               | 1.181 | 0.69        | 3.93   | 8.610        | 0.339 | G           | G              |
| LCM060C 13       |                  |      |                          |      |                       |      |                           |      |                            |       | 35.00               | 1.378 | 0.59        | 3.35   | 9.910        | 0.390 | G           | G              |
| LCM060C 14       |                  |      |                          |      |                       |      |                           |      |                            |       | 40.00               | 1.575 | 0.51        | 2.92   | 11.200       | 0.441 | G           | G              |
| LCM060C 15       |                  |      |                          |      |                       |      |                           |      |                            |       | 45.00               | 1.772 | 0.45        | 2.58   | 12.470       | 0.491 | G           | G              |
| LCM060C 16       |                  |      |                          |      |                       |      |                           |      |                            |       | 50.00               | 1.969 | 0.41        | 2.32   | 13.770       | 0.542 | G           | G              |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |   |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|--------|---------------------|-------|-------------|--------|--------------|-------|-------------|---|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.    | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | S |
| LCM080C 01       | 6.00             | .236 | 6.40                     | .252 | .80                   | .032 | 4.00                      | .158 | 44.10                      | 9.910  | 6.50                | 0.256 | 13.92       | 79.51  | 3.330        | 0.131 | F           | F |
| LCM080C 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 8.00                | 0.315 | 10.66       | 60.87  | 3.860        | 0.152 | F           | F |
| LCM080C 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 9.50                | 0.374 | 8.64        | 49.32  | 4.390        | 0.173 | F           | F |
| LCM080C 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 11.00               | 0.433 | 7.26        | 41.45  | 4.930        | 0.194 | F           | F |
| LCM080C 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 12.50               | 0.492 | 6.26        | 35.74  | 5.460        | 0.215 | F           | F |
| LCM080C 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 14.00               | 0.551 | 5.50        | 31.42  | 5.970        | 0.235 | F           | F |
| LCM080C 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 4.91        | 28.03  | 6.500        | 0.256 | F           | F |
| LCM080C 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 17.00               | 0.669 | 4.43        | 25.30  | 7.040        | 0.277 | F           | F |
| LCM080C 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 3.92        | 22.39  | 7.750        | 0.305 | F           | F |
| LCM080C 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 2.92        | 16.65  | 9.860        | 0.388 | F           | F |
| LCM080C 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 27.50               | 1.083 | 2.63        | 15.04  | 10.740       | 0.423 | G           | G |
| LCM080C 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 2.40        | 13.72  | 11.630       | 0.458 | G           | G |
| LCM080C 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 2.04        | 11.66  | 13.390       | 0.527 | G           | G |
| LCM080C 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 1.78        | 10.15  | 15.160       | 0.597 | G           | G |
| LCM080C 15       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 1.57        | 8.98   | 16.920       | 0.666 | G           | G |
| LCM080C 16       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 1.41        | 8.05   | 18.690       | 0.736 | G           | G |
| LCM100C 01†      | 6.00             | .236 | 6.50                     | .256 | 1.00                  | .039 | 3.60                      | .142 | 63.27                      | 14.224 | 8.50                | 0.335 | 23.24       | 132.70 | 5.500        | 0.217 | F           | F |
| LCM100C 02†      |                  |      |                          |      |                       |      |                           |      |                            |        | 12.00               | 0.472 | 14.82       | 84.62  | 7.500        | 0.295 | F           | F |
| LCM100C 03†      |                  |      |                          |      |                       |      |                           |      |                            |        | 17.00               | 0.669 | 9.56        | 54.59  | 10.500       | 0.413 | F           | F |
| LCM100C 04†      |                  |      |                          |      |                       |      |                           |      |                            |        | 24.00               | 0.945 | 6.51        | 37.17  | 14.500       | 0.571 | F           | F |
| LCM100C 05†      |                  |      |                          |      |                       |      |                           |      |                            |        | 34.50               | 1.358 | 4.40        | 25.12  | 20.500       | 0.807 | G           | G |
| LCM110C 01       | 6.00             | .236 | 6.40                     | .252 | 1.10                  | .043 | 3.40                      | .134 | 94.20                      | 21.180 | 8.00                | 0.315 | 40.64       | 232.03 | 5.690        | 0.224 | F           | F |
| LCM110C 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 9.50                | 0.374 | 32.29       | 184.35 | 6.580        | 0.259 | F           | F |
| LCM110C 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 11.00               | 0.433 | 26.78       | 152.93 | 7.490        | 0.295 | F           | F |
| LCM110C 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 12.50               | 0.492 | 22.88       | 130.66 | 8.380        | 0.330 | F           | F |
| LCM110C 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 14.00               | 0.551 | 19.97       | 114.05 | 9.300        | 0.366 | F           | F |
| LCM110C 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 17.72       | 101.19 | 10.190       | 0.401 | F           | F |
| LCM110C 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 17.00               | 0.669 | 15.92       | 90.93  | 11.100       | 0.437 | F           | F |
| LCM110C 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 14.03       | 80.11  | 12.290       | 0.484 | F           | F |
| LCM110C 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 22.00               | 0.866 | 11.90       | 67.97  | 14.100       | 0.555 | F           | F |
| LCM110C 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 10.34       | 59.03  | 15.900       | 0.626 | F           | F |
| LCM110C 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 27.50               | 1.083 | 9.32        | 53.19  | 17.400       | 0.685 | F           | F |
| LCM110C 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 8.48        | 48.41  | 18.900       | 0.744 | F           | F |
| LCM110C 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 7.19        | 41.03  | 21.890       | 0.862 | F           | F |
| LCM110C 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 6.23        | 35.60  | 24.890       | 0.980 | G           | G |
| LCM110C 15       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 5.51        | 31.44  | 27.910       | 1.099 | G           | G |
| LCM110C 16       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 4.93        | 28.15  | 30.910       | 1.217 | G           | G |
| LCM110C 17       |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 4.46        | 25.49  | 33.910       | 1.335 | G           | G |
| LCM110C 18       |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 4.08        | 23.28  | 36.910       | 1.453 | G           | G |
| LCM110C 19       |                  |      |                          |      |                       |      |                           |      |                            |        | 65.00               | 2.559 | 3.75        | 21.43  | 39.900       | 1.571 | G           | G |
| LCM050CE 01†     | 6.80             | .268 | 7.50                     | .295 | .50                   | .020 | 5.30                      | .209 | 7.60                       | 1.709  | 13.50               | 0.531 | 0.74        | 4.23   | 2.750        | 0.108 | F           | F |
| LCM050CE 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 20.00               | 0.787 | 0.46        | 2.63   | 3.750        | 0.148 | F           | F |
| LCM050CE 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 0.30        | 1.71   | 5.250        | 0.207 | F           | F |
| LCM050CE 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 44.00               | 1.732 | 0.21        | 1.20   | 7.250        | 0.285 | G           | G |
| LCM050CE 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 65.00               | 2.559 | 0.14        | 0.80   | 10.250       | 0.404 | G           | G |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

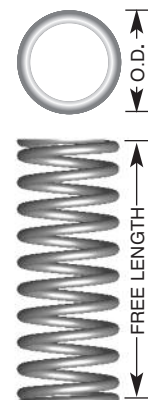
† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |   |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|--------|---------------------|-------|-------------|--------|--------------|-------|-------------|---|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.    | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | S |
| LCM063CF 01†     | 6.93             | .273 | 7.60                     | .299 | .63                   | .025 | 5.10                      | .201 | 14.54                      | 3.269  | 11.50               | 0.453 | 1.82        | 10.39  | 3.465        | 0.136 | G           | G |
| LCM063CF 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 17.00               | 0.669 | 1.17        | 6.68   | 4.725        | 0.186 | G           | G |
| LCM063CF 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 25.50               | 1.004 | 0.75        | 4.28   | 6.615        | 0.260 | G           | G |
| LCM063CF 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 36.50               | 1.437 | 0.51        | 2.91   | 9.135        | 0.360 | G           | G |
| LCM063CF 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 54.00               | 2.126 | 0.33        | 1.88   | 12.915       | 0.508 | G           | G |
| LCM080CG 01†     | 7.10             | .280 | 7.70                     | .303 | .80                   | .031 | 5.00                      | .197 | 29.00                      | 6.520  | 10.50               | 0.413 | 4.76        | 27.18  | 4.400        | 0.173 | F           | F |
| LCM080CG 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 3.03        | 17.30  | 6.000        | 0.236 | F           | F |
| LCM080CG 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 23.00               | 0.906 | 1.96        | 11.19  | 8.400        | 0.331 | F           | F |
| LCM080CG 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 33.00               | 1.299 | 1.33        | 7.59   | 11.600       | 0.457 | F           | F |
| LCM080CG 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 48.00               | 1.890 | 0.89        | 5.08   | 16.400       | 0.646 | G           | G |
| LCM100CH 01†     | 7.30             | .287 | 7.80                     | .307 | 1.00                  | .039 | 4.90                      | .193 | 52.64                      | 11.834 | 10.00               | 0.394 | 11.58       | 66.12  | 5.500        | 0.217 | F           | F |
| LCM100CH 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 14.50               | 0.571 | 7.39        | 42.20  | 7.500        | 0.295 | F           | F |
| LCM100CH 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 21.50               | 0.846 | 4.80        | 27.41  | 10.500       | 0.413 | F           | F |
| LCM100CH 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 30.50               | 1.201 | 3.26        | 18.62  | 14.500       | 0.571 | F           | F |
| LCM100CH 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 43.50               | 1.713 | 2.21        | 12.62  | 20.500       | 0.807 | G           | G |
| LCM055D 01       | 7.50             | .295 | 8.00                     | .315 | .55                   | .022 | 5.90                      | .232 | 10.80                      | 2.430  | 9.50                | 0.374 | 1.47        | 8.39   | 2.160        | 0.085 | F           | F |
| LCM055D 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 11.00               | 0.433 | 1.25        | 7.11   | 2.340        | 0.092 | F           | F |
| LCM055D 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 12.50               | 0.492 | 1.08        | 6.18   | 2.540        | 0.100 | F           | F |
| LCM055D 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 14.00               | 0.551 | 0.96        | 5.46   | 2.720        | 0.107 | F           | F |
| LCM055D 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 0.86        | 4.89   | 2.920        | 0.115 | F           | F |
| LCM055D 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 17.00               | 0.669 | 0.78        | 4.43   | 3.100        | 0.122 | F           | F |
| LCM055D 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 0.69        | 3.94   | 3.350        | 0.132 | F           | F |
| LCM055D 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 21.00               | 0.827 | 0.62        | 3.54   | 3.610        | 0.142 | F           | F |
| LCM055D 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 23.00               | 0.906 | 0.56        | 3.22   | 3.860        | 0.152 | F           | F |
| LCM055D 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 0.52        | 2.95   | 4.110        | 0.162 | F           | F |
| LCM055D 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 27.50               | 1.083 | 0.47        | 2.67   | 4.420        | 0.174 | F           | F |
| LCM055D 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 0.43        | 2.44   | 4.720        | 0.186 | F           | F |
| LCM055D 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 0.36        | 2.08   | 5.360        | 0.211 | F           | F |
| LCM055D 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 0.32        | 1.81   | 5.990        | 0.236 | G           | G |
| LCM055D 15       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 0.28        | 1.60   | 6.600        | 0.260 | G           | G |
| LCM055D 16       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 0.25        | 1.44   | 7.240        | 0.285 | G           | G |
| LCM055D 17       |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 0.23        | 1.31   | 7.870        | 0.310 | G           | G |
| LCM055D 18       |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 0.21        | 1.20   | 8.510        | 0.335 | G           | G |
| LCM055D 19       |                  |      |                          |      |                       |      |                           |      |                            |        | 65.00               | 2.559 | 0.19        | 1.10   | 9.120        | 0.359 | G           | G |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|----------------|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | Music Wire  | 302 Stainless* |
| LCM065D 01       | 7.50             | .295 | 8.00                     | .315 | .65                   | .026 | 5.70                      | .224 | 18.65                      | 4.190 | 9.50                | 0.374 | 2.73        | 15.57  | 2.670        | 0.105 | F           | F              |
| LCM065D 02       |                  |      |                          |      |                       |      |                           |      |                            |       | 11.00               | 0.433 | 2.31        | 13.17  | 2.920        | 0.115 | F           | F              |
| LCM065D 03       |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 2.00        | 11.40  | 3.180        | 0.125 | F           | F              |
| LCM065D 04       |                  |      |                          |      |                       |      |                           |      |                            |       | 14.00               | 0.551 | 1.76        | 10.06  | 3.430        | 0.135 | F           | F              |
| LCM065D 05       |                  |      |                          |      |                       |      |                           |      |                            |       | 15.50               | 0.610 | 1.57        | 8.99   | 3.660        | 0.144 | F           | F              |
| LCM065D 06       |                  |      |                          |      |                       |      |                           |      |                            |       | 17.00               | 0.669 | 1.42        | 8.13   | 3.910        | 0.154 | F           | F              |
| LCM065D 07       |                  |      |                          |      |                       |      |                           |      |                            |       | 19.00               | 0.748 | 1.26        | 7.22   | 4.240        | 0.167 | F           | F              |
| LCM065D 08       |                  |      |                          |      |                       |      |                           |      |                            |       | 21.00               | 0.827 | 1.13        | 6.48   | 4.600        | 0.181 | F           | F              |
| LCM065D 09       |                  |      |                          |      |                       |      |                           |      |                            |       | 23.00               | 0.906 | 1.03        | 5.89   | 4.930        | 0.194 | F           | F              |
| LCM065D 10       |                  |      |                          |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 0.94        | 5.39   | 5.260        | 0.207 | F           | F              |
| LCM065D 11       |                  |      |                          |      |                       |      |                           |      |                            |       | 27.50               | 1.083 | 0.85        | 4.87   | 5.660        | 0.223 | F           | F              |
| LCM065D 12       |                  |      |                          |      |                       |      |                           |      |                            |       | 30.00               | 1.181 | 0.78        | 4.45   | 6.100        | 0.240 | F           | F              |
| LCM065D 13       |                  |      |                          |      |                       |      |                           |      |                            |       | 35.00               | 1.378 | 0.66        | 3.79   | 6.930        | 0.273 | F           | F              |
| LCM065D 14       |                  |      |                          |      |                       |      |                           |      |                            |       | 40.00               | 1.575 | 0.58        | 3.30   | 7.750        | 0.305 | F           | F              |
| LCM065D 15       |                  |      |                          |      |                       |      |                           |      |                            |       | 45.00               | 1.772 | 0.51        | 2.92   | 8.590        | 0.338 | F           | F              |
| LCM065D 16       |                  |      |                          |      |                       |      |                           |      |                            |       | 50.00               | 1.969 | 0.46        | 2.62   | 9.420        | 0.371 | F           | F              |
| LCM065D 17       |                  |      |                          |      |                       |      |                           |      |                            |       | 55.00               | 2.165 | 0.42        | 2.38   | 10.260       | 0.404 | G           | G              |
| LCM065D 18       |                  |      |                          |      |                       |      |                           |      |                            |       | 60.00               | 2.362 | 0.38        | 2.18   | 11.100       | 0.437 | G           | G              |
| LCM065D 19       |                  |      |                          |      |                       |      |                           |      |                            |       | 65.00               | 2.559 | 0.35        | 2.00   | 11.940       | 0.470 | G           | G              |
| LCM080D 01       | 7.50             | .295 | 8.00                     | .315 | .80                   | .032 | 5.40                      | .213 | 33.40                      | 7.510 | 9.50                | 0.374 | 5.65        | 32.24  | 3.610        | 0.142 | F           | F              |
| LCM080D 02       |                  |      |                          |      |                       |      |                           |      |                            |       | 11.00               | 0.433 | 4.75        | 27.10  | 3.960        | 0.156 | F           | F              |
| LCM080D 03       |                  |      |                          |      |                       |      |                           |      |                            |       | 12.50               | 0.492 | 4.09        | 23.37  | 4.340        | 0.171 | F           | F              |
| LCM080D 04       |                  |      |                          |      |                       |      |                           |      |                            |       | 14.00               | 0.551 | 3.60        | 20.54  | 4.720        | 0.186 | F           | F              |
| LCM080D 05       |                  |      |                          |      |                       |      |                           |      |                            |       | 15.50               | 0.610 | 3.21        | 18.32  | 5.110        | 0.201 | F           | F              |
| LCM080D 06       |                  |      |                          |      |                       |      |                           |      |                            |       | 17.00               | 0.669 | 2.90        | 16.54  | 5.490        | 0.216 | F           | F              |
| LCM080D 07       |                  |      |                          |      |                       |      |                           |      |                            |       | 19.00               | 0.748 | 2.56        | 14.64  | 5.990        | 0.236 | F           | F              |
| LCM080D 08       |                  |      |                          |      |                       |      |                           |      |                            |       | 21.00               | 0.827 | 2.30        | 13.13  | 6.500        | 0.256 | F           | F              |
| LCM080D 09       |                  |      |                          |      |                       |      |                           |      |                            |       | 23.00               | 0.906 | 2.08        | 11.90  | 7.010        | 0.276 | F           | F              |
| LCM080D 10       |                  |      |                          |      |                       |      |                           |      |                            |       | 25.00               | 0.984 | 1.91        | 10.89  | 7.520        | 0.296 | F           | F              |
| LCM080D 11       |                  |      |                          |      |                       |      |                           |      |                            |       | 27.50               | 1.083 | 1.72        | 9.83   | 8.130        | 0.320 | F           | F              |
| LCM080D 12       |                  |      |                          |      |                       |      |                           |      |                            |       | 30.00               | 1.181 | 1.57        | 8.97   | 8.760        | 0.345 | F           | F              |
| LCM080D 13       |                  |      |                          |      |                       |      |                           |      |                            |       | 35.00               | 1.378 | 1.34        | 7.63   | 10.030       | 0.395 | F           | F              |
| LCM080D 14       |                  |      |                          |      |                       |      |                           |      |                            |       | 40.00               | 1.575 | 1.16        | 6.63   | 11.300       | 0.445 | F           | F              |
| LCM080D 15       |                  |      |                          |      |                       |      |                           |      |                            |       | 45.00               | 1.772 | 1.03        | 5.87   | 12.550       | 0.494 | F           | F              |
| LCM080D 16       |                  |      |                          |      |                       |      |                           |      |                            |       | 50.00               | 1.969 | 0.92        | 5.26   | 13.820       | 0.544 | F           | F              |
| LCM080D 17       |                  |      |                          |      |                       |      |                           |      |                            |       | 55.00               | 2.165 | 0.84        | 4.77   | 15.090       | 0.594 | G           | G              |
| LCM080D 18       |                  |      |                          |      |                       |      |                           |      |                            |       | 60.00               | 2.362 | 0.76        | 4.36   | 16.360       | 0.644 | G           | G              |
| LCM080D 19       |                  |      |                          |      |                       |      |                           |      |                            |       | 65.00               | 2.559 | 0.70        | 4.02   | 17.600       | 0.693 | G           | G              |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

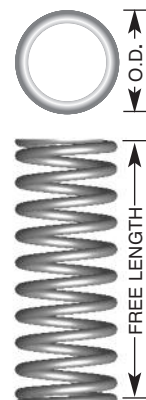
† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|--------|---------------------|-------|-------------|--------|--------------|-------|-------------|----------------|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.    | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | Music Wire  | 302 Stainless* |
| LCM095D 01       | 7.50             | .295 | 8.00                     | .315 | .95                   | .037 | 5.10                      | .201 | 54.00                      | 12.140 | 9.50                | 0.374 | 10.84       | 61.91  | 4.520        | 0.178 | F           | F              |
| LCM095D 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 11.00               | 0.433 | 9.06        | 51.71  | 5.050        | 0.199 | F           | F              |
| LCM095D 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 12.50               | 0.492 | 7.77        | 44.39  | 5.560        | 0.219 | F           | F              |
| LCM095D 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 14.00               | 0.551 | 6.81        | 38.89  | 6.070        | 0.239 | F           | F              |
| LCM095D 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 6.06        | 34.60  | 6.600        | 0.260 | F           | F              |
| LCM095D 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 17.00               | 0.669 | 5.46        | 31.16  | 7.110        | 0.280 | F           | F              |
| LCM095D 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 4.82        | 27.52  | 7.800        | 0.307 | F           | F              |
| LCM095D 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 21.00               | 0.827 | 4.32        | 24.64  | 8.510        | 0.335 | F           | F              |
| LCM095D 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 23.00               | 0.906 | 3.91        | 22.30  | 9.190        | 0.362 | F           | F              |
| LCM095D 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 3.57        | 20.37  | 9.880        | 0.389 | F           | F              |
| LCM095D 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 27.50               | 1.083 | 3.22        | 18.38  | 10.740       | 0.423 | F           | F              |
| LCM095D 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 2.93        | 16.75  | 11.610       | 0.457 | F           | F              |
| LCM095D 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 2.49        | 14.22  | 13.340       | 0.525 | F           | F              |
| LCM095D 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 2.16        | 12.35  | 15.060       | 0.593 | G           | G              |
| LCM095D 15       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 1.91        | 10.92  | 16.790       | 0.661 | G           | G              |
| LCM095D 16       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 1.71        | 9.78   | 18.520       | 0.729 | G           | G              |
| LCM095D 17       |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 1.55        | 8.86   | 20.240       | 0.797 | G           | G              |
| LCM095D 18       |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 1.42        | 8.10   | 21.970       | 0.865 | G           | G              |
| LCM095D 19       |                  |      |                          |      |                       |      |                           |      |                            |        | 65.00               | 2.559 | 1.31        | 7.46   | 23.700       | 0.933 | G           | G              |
| LCM125DA 01†     | 7.55             | .297 | 8.10                     | .319 | 1.25                  | .049 | 4.70                      | .185 | 140.36                     | 31.554 | 12.00               | 0.472 | 29.04       | 165.82 | 6.875        | 0.271 | F           | F              |
| LCM125DA 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 17.00               | 0.669 | 18.04       | 103.01 | 9.375        | 0.369 | F           | F              |
| LCM125DA 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 11.77       | 67.20  | 13.125       | 0.517 | F           | F              |
| LCM125DA 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 35.50               | 1.398 | 8.09        | 46.20  | 18.125       | 0.714 | F           | F              |
| LCM125DA 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 51.50               | 2.028 | 5.39        | 30.78  | 25.625       | 1.009 | G           | G              |
| LCM063DF 01†     | 8.63             | .340 | 9.40                     | .370 | .63                   | .025 | 6.80                      | .268 | 11.40                      | 2.562  | 16.00               | 0.630 | 0.89        | 5.08   | 3.465        | 0.136 | F           | F              |
| LCM063DF 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 24.50               | 0.965 | 0.58        | 3.31   | 4.725        | 0.186 | F           | F              |
| LCM063DF 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 37.00               | 1.457 | 0.37        | 2.11   | 6.615        | 0.260 | F           | F              |
| LCM063DF 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 0.25        | 1.43   | 9.135        | 0.360 | G           | G              |
| LCM063DF 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 80.50               | 3.169 | 0.18        | 1.03   | 12.915       | 0.508 | G           | G              |
| LCM080DG 01†     | 8.80             | .346 | 9.60                     | .378 | .80                   | .031 | 6.60                      | .260 | 23.00                      | 5.171  | 14.50               | 0.571 | 2.31        | 13.19  | 4.400        | 0.173 | F           | F              |
| LCM080DG 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 21.50               | 0.846 | 1.49        | 8.51   | 6.000        | 0.236 | F           | F              |
| LCM080DG 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 32.00               | 1.260 | 0.96        | 5.48   | 8.400        | 0.331 | F           | F              |
| LCM080DG 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 47.00               | 1.850 | 0.65        | 3.71   | 11.600       | 0.457 | G           | G              |
| LCM080DG 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 68.00               | 2.677 | 0.44        | 2.51   | 16.400       | 0.646 | G           | G              |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|--------|---------------------|-------|-------------|--------|--------------|-------|-------------|----------------|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.    | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | Music Wire  | 302 Stainless* |
| LCM065E 01       | 9.00             | .354 | 9.50                     | .374 | .65                   | .026 | 7.20                      | .283 | 15.20                      | 3.420  | 12.50               | 0.492 | 1.54        | 8.80   | 2.640        | 0.104 | F           | F              |
| LCM065E 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 14.00               | 0.551 | 1.36        | 7.76   | 2.820        | 0.111 | F           | F              |
| LCM065E 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 1.22        | 6.94   | 3.000        | 0.118 | F           | F              |
| LCM065E 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 17.00               | 0.669 | 1.10        | 6.28   | 3.180        | 0.125 | F           | F              |
| LCM065E 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 0.98        | 5.57   | 3.400        | 0.134 | F           | F              |
| LCM065E 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 21.00               | 0.827 | 0.88        | 5.00   | 3.660        | 0.144 | F           | F              |
| LCM065E 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 23.00               | 0.906 | 0.80        | 4.54   | 3.890        | 0.153 | F           | F              |
| LCM065E 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 0.73        | 4.16   | 4.140        | 0.163 | F           | F              |
| LCM065E 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 27.50               | 1.083 | 0.66        | 3.76   | 4.420        | 0.174 | F           | F              |
| LCM065E 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 0.60        | 3.43   | 4.720        | 0.186 | F           | F              |
| LCM065E 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 0.51        | 2.92   | 5.330        | 0.210 | F           | F              |
| LCM065E 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 0.45        | 2.55   | 5.920        | 0.233 | F           | F              |
| LCM065E 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 0.40        | 2.26   | 6.530        | 0.257 | F           | F              |
| LCM065E 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 0.35        | 2.02   | 7.110        | 0.280 | F           | F              |
| LCM065E 15       |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 0.32        | 1.84   | 7.720        | 0.304 | F           | F              |
| LCM065E 16       |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 0.29        | 1.68   | 8.310        | 0.327 | G           | G              |
| LCM095E 01       | 9.00             | .354 | 9.50                     | .374 | .95                   | .037 | 6.60                      | .260 | 45.10                      | 10.140 | 11.00               | 0.433 | 6.64        | 37.93  | 4.220        | 0.166 | F           | F              |
| LCM095E 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 12.50               | 0.492 | 5.70        | 32.56  | 4.600        | 0.181 | F           | F              |
| LCM095E 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 14.00               | 0.551 | 5.00        | 28.53  | 4.980        | 0.196 | F           | F              |
| LCM095E 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 4.44        | 25.38  | 5.360        | 0.211 | F           | F              |
| LCM095E 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 17.00               | 0.669 | 4.00        | 22.86  | 5.740        | 0.226 | F           | F              |
| LCM095E 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 3.54        | 20.19  | 6.250        | 0.246 | F           | F              |
| LCM095E 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 21.00               | 0.827 | 3.16        | 18.07  | 6.760        | 0.266 | F           | F              |
| LCM095E 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 23.00               | 0.906 | 2.87        | 16.36  | 7.260        | 0.286 | F           | F              |
| LCM095E 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 2.62        | 14.94  | 7.770        | 0.306 | F           | F              |
| LCM095E 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 27.50               | 1.083 | 2.36        | 13.48  | 8.410        | 0.331 | F           | F              |
| LCM095E 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 2.15        | 12.28  | 9.020        | 0.355 | F           | F              |
| LCM095E 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 1.83        | 10.43  | 10.290       | 0.405 | F           | F              |
| LCM095E 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 1.59        | 9.06   | 11.560       | 0.455 | G           | G              |
| LCM095E 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 1.40        | 8.01   | 12.830       | 0.505 | G           | G              |
| LCM095E 15       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 1.26        | 7.18   | 14.100       | 0.555 | G           | G              |
| LCM095E 16       |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 1.14        | 6.50   | 15.370       | 0.605 | G           | G              |
| LCM095E 17       |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 1.04        | 5.94   | 16.510       | 0.650 | G           | G              |
| LCM095E 18       |                  |      |                          |      |                       |      |                           |      |                            |        | 65.00               | 2.559 | 0.96        | 5.47   | 17.910       | 0.705 | G           | G              |
| LCM100E 01†      | 9.00             | .354 | 9.60                     | .378 | 1.00                  | .039 | 6.50                      | .256 | 42.24                      | 9.495  | 13.00               | 0.512 | 5.67        | 32.38  | 5.500        | 0.217 | F           | F              |
| LCM100E 02†      |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 3.61        | 20.61  | 7.500        | 0.295 | F           | F              |
| LCM100E 03†      |                  |      |                          |      |                       |      |                           |      |                            |        | 28.50               | 1.122 | 2.33        | 13.30  | 10.500       | 0.413 | F           | F              |
| LCM100E 04†      |                  |      |                          |      |                       |      |                           |      |                            |        | 40.50               | 1.594 | 1.59        | 9.08   | 14.500       | 0.571 | G           | G              |
| LCM100E 05†      |                  |      |                          |      |                       |      |                           |      |                            |        | 59.00               | 2.323 | 1.09        | 6.22   | 20.500       | 0.807 | G           | G              |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

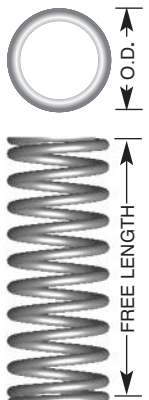
† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |   |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|--------|---------------------|-------|-------------|--------|--------------|-------|-------------|---|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.    | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | S |
| LCM110E 01       | 9.00             | .354 | 9.50                     | .374 | 1.10                  | .043 | 6.30                      | .248 | 70.60                      | 15.870 | 11.00               | 0.433 | 11.86       | 67.73  | 5.050        | 0.199 | F           | F |
| LCM110E 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 12.50               | 0.492 | 10.13       | 57.87  | 5.540        | 0.218 | F           | F |
| LCM110E 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 14.00               | 0.551 | 8.85        | 50.51  | 6.020        | 0.237 | F           | F |
| LCM110E 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 7.85        | 44.81  | 6.500        | 0.256 | F           | F |
| LCM110E 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 17.00               | 0.669 | 7.05        | 40.27  | 6.990        | 0.275 | F           | F |
| LCM110E 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 6.21        | 35.48  | 7.650        | 0.301 | F           | F |
| LCM110E 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 21.00               | 0.827 | 5.55        | 31.70  | 8.280        | 0.326 | F           | F |
| LCM110E 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 23.00               | 0.906 | 5.02        | 28.66  | 8.940        | 0.352 | F           | F |
| LCM110E 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 4.58        | 26.14  | 9.580        | 0.377 | F           | F |
| LCM110E 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 27.50               | 1.083 | 4.13        | 23.56  | 10.390       | 0.409 | F           | F |
| LCM110E 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 3.75        | 21.44  | 11.200       | 0.441 | F           | F |
| LCM110E 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 3.18        | 18.17  | 12.800       | 0.504 | F           | F |
| LCM110E 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 2.76        | 15.77  | 14.430       | 0.568 | G           | G |
| LCM110E 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 2.44        | 13.93  | 16.050       | 0.632 | G           | G |
| LCM110E 15       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 2.18        | 12.47  | 17.680       | 0.696 | G           | G |
| LCM110E 16       |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 1.98        | 11.29  | 19.280       | 0.759 | G           | G |
| LCM110E 17       |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 1.81        | 10.31  | 20.900       | 0.823 | G           | G |
| LCM110E 18       |                  |      |                          |      |                       |      |                           |      |                            |        | 65.00               | 2.559 | 1.66        | 9.49   | 22.530       | 0.887 | G           | G |
| LCM125EB 01†     | 9.25             | .364 | 9.90                     | .390 | 1.25                  | .049 | 6.10                      | .240 | 114.48                     | 25.736 | 15.00               | 0.591 | 14.32       | 81.76  | 6.875        | 0.271 | F           | F |
| LCM125EB 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 22.00               | 0.866 | 8.91        | 50.88  | 9.375        | 0.369 | F           | F |
| LCM125EB 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 33.00               | 1.299 | 5.83        | 33.29  | 13.125       | 0.517 | F           | F |
| LCM125EB 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 47.00               | 1.850 | 3.96        | 22.61  | 18.125       | 0.714 | G           | G |
| LCM125EB 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 69.00               | 2.717 | 2.70        | 15.42  | 25.625       | 1.009 | G           | G |
| LCM160EE 01†     | 9.60             | .378 | 10.10                    | .398 | 1.60                  | .063 | 5.90                      | .232 | 228.66                     | 51.404 | 14.50               | 0.571 | 37.27       | 212.82 | 8.800        | 0.346 | F           | F |
| LCM160EE 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 21.50               | 0.846 | 23.73       | 135.50 | 12.000       | 0.472 | F           | F |
| LCM160EE 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 31.50               | 1.240 | 15.39       | 87.88  | 16.800       | 0.661 | G           | G |
| LCM160EE 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 10.40       | 59.39  | 23.200       | 0.913 | G           | G |
| LCM160EE 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 65.50               | 2.579 | 7.06        | 40.31  | 32.800       | 1.291 | K           | M |
| LCM080F 01†      | 10.80            | .425 | 11.60                    | .457 | .80                   | .031 | 8.60                      | .339 | 18.50                      | 4.159  | 20.00               | 0.787 | 1.21        | 6.91   | 4.400        | 0.173 | F           | F |
| LCM080F 02†      |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 0.75        | 4.28   | 6.000        | 0.236 | F           | F |
| LCM080F 03†      |                  |      |                          |      |                       |      |                           |      |                            |        | 45.50               | 1.791 | 0.49        | 2.80   | 8.400        | 0.331 | G           | G |
| LCM080F 04†      |                  |      |                          |      |                       |      |                           |      |                            |        | 66.00               | 2.598 | 0.33        | 1.90   | 11.600       | 0.457 | J           | J |
| LCM080F 05†      |                  |      |                          |      |                       |      |                           |      |                            |        | 96.50               | 3.799 | 0.23        | 1.29   | 16.400       | 0.646 | K           | L |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|--------|---------------------|-------|-------------|--------|--------------|-------|-------------|----------------|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.    | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | Music Wire  | 302 Stainless* |
| LCM090F 01       | 10.80            | .425 | 11.30                    | .445 | .90                   | .035 | 8.50                      | .335 | 27.50                      | 6.180  | 12.50               | 0.492 | 3.15        | 18.01  | 3.780        | 0.149 | F           | F              |
| LCM090F 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 14.00               | 0.551 | 2.77        | 15.80  | 4.060        | 0.160 | F           | F              |
| LCM090F 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 2.46        | 14.07  | 4.340        | 0.171 | F           | F              |
| LCM090F 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 17.00               | 0.669 | 2.22        | 12.68  | 4.620        | 0.182 | F           | F              |
| LCM090F 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 1.96        | 11.21  | 5.000        | 0.197 | F           | F              |
| LCM090F 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 21.00               | 0.827 | 1.75        | 10.01  | 5.380        | 0.212 | F           | F              |
| LCM090F 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 23.00               | 0.906 | 1.59        | 9.09   | 5.740        | 0.226 | F           | F              |
| LCM090F 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 1.46        | 8.31   | 6.120        | 0.241 | F           | F              |
| LCM090F 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 27.50               | 1.083 | 1.31        | 7.50   | 6.580        | 0.259 | F           | F              |
| LCM090F 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 1.20        | 6.83   | 7.060        | 0.278 | F           | F              |
| LCM090F 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 1.02        | 5.81   | 8.000        | 0.315 | F           | F              |
| LCM090F 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 0.88        | 5.05   | 8.920        | 0.351 | F           | F              |
| LCM090F 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 0.78        | 4.46   | 9.860        | 0.388 | G           | G              |
| LCM090F 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 0.70        | 4.00   | 10.800       | 0.425 | G           | G              |
| LCM130F 01       | 10.80            | .425 | 11.30                    | .445 | 1.30                  | .051 | 7.70                      | .303 | 83.40                      | 18.750 | 12.50               | 0.492 | 12.94       | 73.91  | 6.070        | 0.239 | F           | F              |
| LCM130F 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 14.00               | 0.551 | 11.24       | 64.18  | 6.580        | 0.259 | F           | F              |
| LCM130F 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 9.93        | 56.72  | 7.110        | 0.280 | F           | F              |
| LCM130F 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 17.00               | 0.669 | 8.90        | 50.81  | 7.620        | 0.300 | F           | F              |
| LCM130F 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 7.81        | 44.61  | 8.330        | 0.328 | F           | F              |
| LCM130F 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 21.00               | 0.827 | 6.96        | 39.76  | 9.020        | 0.355 | F           | F              |
| LCM130F 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 23.00               | 0.906 | 6.28        | 35.87  | 9.730        | 0.383 | F           | F              |
| LCM130F 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 5.72        | 32.66  | 10.440       | 0.411 | F           | F              |
| LCM130F 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 27.50               | 1.083 | 5.15        | 29.38  | 11.300       | 0.445 | G           | G              |
| LCM130F 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 4.68        | 26.70  | 12.170       | 0.479 | G           | G              |
| LCM130F 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 3.95        | 22.58  | 13.920       | 0.548 | G           | G              |
| LCM130F 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 3.43        | 19.56  | 15.670       | 0.617 | J           | K              |
| LCM130F 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 3.02        | 17.26  | 17.420       | 0.686 | J           | K              |
| LCM130F 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 2.70        | 15.44  | 19.150       | 0.754 | J           | K              |
| LCM130F 15       |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 2.44        | 13.96  | 20.900       | 0.823 | K           | M              |
| LCM130F 16       |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 2.23        | 12.75  | 22.660       | 0.892 | K           | M              |
| LCM100FC 01†     | 11.00            | .433 | 11.80                    | .465 | 1.00                  | .039 | 8.40                      | .331 | 34.68                      | 7.796  | 17.50               | 0.689 | 2.91        | 16.62  | 5.500        | 0.217 | F           | F              |
| LCM100FC 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 26.00               | 1.024 | 1.86        | 10.62  | 7.500        | 0.295 | F           | F              |
| LCM100FC 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 39.00               | 1.535 | 1.21        | 6.91   | 10.500       | 0.413 | G           | G              |
| LCM100FC 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 56.00               | 2.205 | 0.81        | 4.63   | 14.500       | 0.571 | G           | G              |
| LCM100FC 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 81.50               | 3.209 | 0.54        | 3.08   | 20.500       | 0.807 | G           | G              |
| LCM125FF 01†     | 11.25            | .443 | 11.90                    | .469 | 1.25                  | .049 | 8.20                      | .323 | 93.20                      | 20.952 | 20.00               | 0.787 | 7.09        | 40.48  | 6.875        | 0.271 | F           | F              |
| LCM125FF 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 29.50               | 1.161 | 4.52        | 25.81  | 9.375        | 0.369 | G           | G              |
| LCM125FF 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 44.50               | 1.752 | 2.92        | 16.67  | 13.125       | 0.517 | J           | K              |
| LCM125FF 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 64.00               | 2.520 | 2.00        | 11.42  | 18.125       | 0.714 | K           | M              |
| LCM125FF 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 93.50               | 3.681 | 1.35        | 7.71   | 25.625       | 1.009 | K           | M              |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

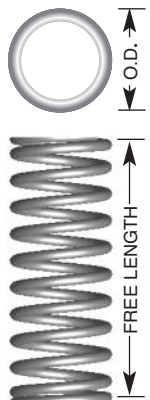
† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|--------|---------------------|-------|-------------|--------|--------------|-------|-------------|----------------|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.    | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | Music Wire  | 302 Stainless* |
| LCM160FG 01†     | 11.60            | .457 | 12.10                    | .476 | 1.60                  | .063 | 7.90                      | .311 | 187.84                     | 42.229 | 18.50               | 0.728 | 19.12       | 109.18 | 8.800        | 0.346 | F           | G              |
| LCM160FG 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 27.00               | 1.063 | 12.15       | 69.38  | 12.000       | 0.472 | G           | J              |
| LCM160FG 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 40.50               | 1.594 | 7.86        | 44.88  | 16.800       | 0.661 | G           | J              |
| LCM160FG 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 58.50               | 2.303 | 5.32        | 30.38  | 23.200       | 0.913 | J           | K              |
| LCM160FG 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 85.00               | 3.346 | 3.61        | 20.61  | 32.800       | 1.291 | K           | M              |
| LCM095G 01       | 12.00            | .472 | 12.70                    | .500 | .95                   | .037 | 9.60                      | .378 | 32.40                      | 7.280  | 12.50               | 0.492 | 3.61        | 20.63  | 3.530        | 0.139 | F           | F              |
| LCM095G 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 2.82        | 16.08  | 4.010        | 0.158 | F           | F              |
| LCM095G 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 2.24        | 12.79  | 4.550        | 0.179 | F           | F              |
| LCM095G 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 22.00               | 0.866 | 1.91        | 10.88  | 5.000        | 0.197 | F           | F              |
| LCM095G 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 1.66        | 9.47   | 5.490        | 0.216 | F           | F              |
| LCM095G 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 1.36        | 7.78   | 6.250        | 0.246 | G           | G              |
| LCM095G 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 1.16        | 6.61   | 7.040        | 0.277 | G           | G              |
| LCM095G 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 1.01        | 5.74   | 7.800        | 0.307 | G           | G              |
| LCM095G 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 0.89        | 5.07   | 8.590        | 0.338 | J           | J              |
| LCM095G 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 0.80        | 4.55   | 9.350        | 0.368 | J           | J              |
| LCM095G 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 0.72        | 4.12   | 10.130       | 0.399 | J           | J              |
| LCM095G 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 0.66        | 3.76   | 10.900       | 0.429 | K           | K              |
| LCM095G 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 65.00               | 2.559 | 0.61        | 3.47   | 11.660       | 0.459 | K           | K              |
| LCM095G 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 70.00               | 2.756 | 0.56        | 3.21   | 12.450       | 0.490 | K           | K              |
| LCM095G 15       |                  |      |                          |      |                       |      |                           |      |                            |        | 75.00               | 2.953 | 0.52        | 2.99   | 13.210       | 0.520 | K           | K              |
| LCM140G 01       | 12.00            | .472 | 12.70                    | .500 | 1.40                  | .055 | 8.70                      | .343 | 88.30                      | 19.850 | 12.50               | 0.492 | 13.91       | 79.44  | 6.150        | 0.242 | F           | G              |
| LCM140G 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 10.63       | 60.67  | 7.190        | 0.283 | F           | G              |
| LCM140G 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 8.33        | 47.57  | 8.410        | 0.331 | F           | G              |
| LCM140G 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 22.00               | 0.866 | 7.03        | 40.13  | 9.450        | 0.372 | F           | G              |
| LCM140G 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 6.08        | 34.71  | 10.490       | 0.413 | F           | G              |
| LCM140G 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 4.96        | 28.33  | 12.220       | 0.481 | G           | J              |
| LCM140G 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 4.19        | 23.93  | 13.940       | 0.549 | G           | J              |
| LCM140G 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 3.63        | 20.71  | 15.670       | 0.617 | J           | K              |
| LCM140G 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 3.20        | 18.26  | 17.400       | 0.685 | J           | K              |
| LCM140G 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 2.86        | 16.33  | 19.130       | 0.753 | J           | K              |
| LCM140G 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 2.58        | 14.76  | 20.850       | 0.821 | J           | K              |
| LCM140G 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 2.36        | 13.47  | 22.580       | 0.889 | J           | K              |
| LCM140G 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 65.00               | 2.559 | 2.17        | 12.39  | 24.310       | 0.957 | J           | K              |
| LCM140G 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 70.00               | 2.756 | 2.01        | 11.47  | 26.060       | 1.026 | K           | L              |
| LCM140G 15       |                  |      |                          |      |                       |      |                           |      |                            |        | 75.00               | 2.953 | 1.87        | 10.67  | 27.790       | 1.094 | L           | M              |
| LCM200G 01†      | 12.00            | .472 | 12.50                    | .492 | 2.00                  | .079 | 7.50                      | .295 | 344.19                     | 77.376 | 18.00               | 0.709 | 46.58       | 265.98 | 11.000       | 0.433 | J           | K              |
| LCM200G 02†      |                  |      |                          |      |                       |      |                           |      |                            |        | 26.50               | 1.043 | 29.70       | 169.59 | 15.000       | 0.591 | J           | K              |
| LCM200G 03†      |                  |      |                          |      |                       |      |                           |      |                            |        | 38.50               | 1.516 | 19.21       | 109.69 | 21.000       | 0.827 | K           | L              |
| LCM200G 04†      |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 13.05       | 74.52  | 29.000       | 1.142 | M           | N              |
| LCM200G 05†      |                  |      |                          |      |                       |      |                           |      |                            |        | 79.50               | 3.130 | 8.81        | 50.31  | 41.000       | 1.614 | R           | S              |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|--------|---------------------|-------|-------------|--------|--------------|-------|-------------|----------------|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.    | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | Music Wire  | 302 Stainless* |
| LCM100GH 01†     | 13.50            | .531 | 14.40                    | .567 | 1.00                  | .039 | 10.80                     | .425 | 27.92                      | 6.277  | 24.00               | 0.945 | 1.49        | 8.51   | 5.500        | 0.217 | F           | G              |
| LCM100GH 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 36.50               | 1.437 | 0.95        | 5.42   | 7.500        | 0.295 | G           | J              |
| LCM100GH 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 55.50               | 2.185 | 0.61        | 3.48   | 10.500       | 0.413 | G           | J              |
| LCM100GH 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 80.50               | 3.169 | 0.40        | 2.28   | 14.500       | 0.571 | G           | J              |
| LCM100GH 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 115.00              | 4.528 | 0.28        | 1.60   | 20.500       | 0.807 | J           | K              |
| LCM110GH 01      | 13.50            | .532 | 14.30                    | .563 | 1.10                  | .043 | 10.50                     | .413 | 33.40                      | 7.510  | 12.50               | 0.492 | 4.09        | 23.33  | 4.340        | 0.171 | F           | G              |
| LCM110GH 02      |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.611 | 3.16        | 18.07  | 4.950        | 0.195 | F           | G              |
| LCM110GH 03      |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 2.50        | 14.30  | 5.690        | 0.224 | F           | G              |
| LCM110GH 04      |                  |      |                          |      |                       |      |                           |      |                            |        | 22.00               | 0.866 | 2.13        | 12.14  | 6.310        | 0.248 | F           | G              |
| LCM110GH 05      |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 1.85        | 10.54  | 6.930        | 0.273 | F           | G              |
| LCM110GH 06      |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 1.51        | 8.64   | 7.980        | 0.314 | G           | J              |
| LCM110GH 07      |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 1.28        | 7.33   | 9.020        | 0.355 | G           | J              |
| LCM110GH 08      |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 1.11        | 6.36   | 10.030       | 0.395 | G           | J              |
| LCM110GH 09      |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 0.98        | 5.61   | 11.070       | 0.436 | G           | J              |
| LCM110GH 10      |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 0.88        | 5.03   | 12.120       | 0.477 | G           | J              |
| LCM110GH 11      |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 0.80        | 4.55   | 13.160       | 0.518 | G           | J              |
| LCM110GH 12      |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 0.73        | 4.16   | 14.200       | 0.559 | G           | J              |
| LCM110GH 13      |                  |      |                          |      |                       |      |                           |      |                            |        | 65.00               | 2.559 | 0.67        | 3.83   | 15.240       | 0.600 | G           | J              |
| LCM110GH 14      |                  |      |                          |      |                       |      |                           |      |                            |        | 70.00               | 2.756 | 0.62        | 3.54   | 16.280       | 0.641 | G           | J              |
| LCM110GH 15      |                  |      |                          |      |                       |      |                           |      |                            |        | 75.00               | 2.953 | 0.58        | 3.30   | 17.300       | 0.681 | G           | J              |
| LCM125GJ 01†     | 13.75            | .541 | 14.60                    | .575 | 1.25                  | .049 | 10.60                     | .417 | 74.33                      | 16.711 | 27.00               | 1.063 | 3.63        | 20.73  | 6.875        | 0.271 | G           | J              |
| LCM125GJ 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 41.50               | 1.634 | 2.31        | 13.19  | 9.375        | 0.369 | G           | J              |
| LCM125GJ 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 62.50               | 2.461 | 1.49        | 8.51   | 13.125       | 0.517 | G           | L              |
| LCM125GJ 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 90.50               | 3.563 | 1.02        | 5.82   | 18.125       | 0.714 | J           | K              |
| LCM125GJ 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 130.00              | 5.118 | 0.68        | 3.88   | 25.625       | 1.009 | M           | N              |
| LCM160GL 01†     | 14.10            | .555 | 14.70                    | .579 | 1.60                  | .063 | 10.30                     | .406 | 150.71                     | 33.880 | 24.00               | 0.945 | 9.75        | 55.67  | 8.800        | 0.346 | G           | K              |
| LCM160GL 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 36.00               | 1.417 | 6.23        | 35.57  | 12.000       | 0.472 | G           | K              |
| LCM160GL 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 53.50               | 2.106 | 4.05        | 23.13  | 16.800       | 0.661 | J           | L              |
| LCM160GL 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 78.00               | 3.071 | 2.73        | 15.59  | 23.200       | 0.913 | L           | N              |
| LCM160GL 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 115.00              | 4.528 | 1.84        | 10.51  | 32.800       | 1.291 | N           | P              |
| LCM200GM 01†     | 14.50            | .571 | 15.10                    | .594 | 2.00                  | .079 | 9.90                      | .390 | 284.07                     | 63.862 | 22.50               | 0.886 | 23.92       | 136.59 | 11.000       | 0.433 | G           | K              |
| LCM200GM 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 33.00               | 1.299 | 15.20       | 86.79  | 15.000       | 0.591 | G           | K              |
| LCM200GM 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 49.50               | 1.949 | 9.81        | 56.02  | 21.000       | 0.827 | K           | K              |
| LCM200GM 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 71.00               | 2.795 | 6.69        | 38.20  | 29.000       | 1.142 | L           | N              |
| LCM200GM 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 105.00              | 4.134 | 4.52        | 25.81  | 41.000       | 1.614 | N           | P              |

### SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

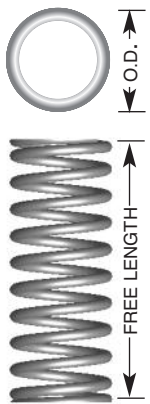
† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|--------|---------------------|-------|-------------|--------|--------------|-------|-------------|----------------|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.    | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | Music Wire  | 302 Stainless* |
| LCM120H 01       | 15.00            | .591 | 16.00                    | .630 | 1.20                  | .047 | 11.80                     | .465 | 33.40                      | 7.510  | 12.50               | 0.492 | 4.27        | 24.38  | 4.700        | 0.185 | F           | G              |
| LCM120H 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 15.50               | 0.610 | 3.29        | 18.80  | 5.380        | 0.212 | F           | G              |
| LCM120H 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 2.60        | 14.84  | 6.170        | 0.243 | F           | G              |
| LCM120H 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 22.00               | 0.866 | 2.20        | 12.56  | 6.860        | 0.270 | F           | G              |
| LCM120H 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 1.91        | 10.90  | 7.520        | 0.296 | F           | G              |
| LCM120H 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 1.56        | 8.92   | 8.660        | 0.341 | G           | J              |
| LCM120H 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 1.32        | 7.55   | 9.800        | 0.386 | G           | J              |
| LCM120H 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 1.15        | 6.55   | 10.950       | 0.431 | G           | J              |
| LCM120H 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 1.01        | 5.78   | 12.070       | 0.475 | J           | K              |
| LCM120H 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 0.91        | 5.17   | 13.210       | 0.520 | J           | K              |
| LCM120H 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 0.82        | 4.68   | 14.350       | 0.565 | J           | K              |
| LCM120H 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 0.75        | 4.28   | 15.470       | 0.609 | J           | K              |
| LCM120H 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 65.00               | 2.559 | 0.69        | 3.93   | 16.610       | 0.654 | J           | K              |
| LCM120H 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 70.00               | 2.756 | 0.64        | 3.64   | 17.750       | 0.699 | K           | L              |
| LCM120H 15       |                  |      |                          |      |                       |      |                           |      |                            |        | 80.00               | 3.150 | 0.56        | 3.17   | 20.020       | 0.788 | K           | L              |
| LCM120H 16       |                  |      |                          |      |                       |      |                           |      |                            |        | 90.00               | 3.543 | 0.49        | 2.81   | 22.280       | 0.877 | K           | L              |
| LCM160H 01       | 15.00            | .591 | 16.00                    | .630 | 1.60                  | .063 | 11.00                     | .433 | 102.00                     | 22.930 | 15.50               | 0.610 | 11.95       | 68.26  | 6.960        | 0.274 | F           | J              |
| LCM160H 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 9.31        | 53.14  | 8.050        | 0.317 | F           | J              |
| LCM160H 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 22.00               | 0.866 | 7.82        | 44.66  | 8.890        | 0.350 | F           | J              |
| LCM160H 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 6.75        | 38.52  | 9.880        | 0.389 | G           | K              |
| LCM160H 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 5.49        | 31.33  | 11.400       | 0.449 | G           | K              |
| LCM160H 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 4.62        | 26.40  | 12.950       | 0.510 | G           | K              |
| LCM160H 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 4.00        | 22.82  | 14.480       | 0.570 | J           | L              |
| LCM160H 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 3.52        | 20.09  | 16.000       | 0.630 | J           | L              |
| LCM160H 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 3.14        | 17.94  | 17.550       | 0.691 | J           | L              |
| LCM160H 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 2.84        | 16.21  | 19.080       | 0.751 | J           | L              |
| LCM160H 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 2.59        | 14.78  | 20.600       | 0.811 | J           | L              |
| LCM160H 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 65.00               | 2.559 | 2.38        | 13.59  | 22.150       | 0.872 | L           | N              |
| LCM160H 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 70.00               | 2.756 | 2.20        | 12.57  | 23.670       | 0.932 | L           | N              |
| LCM160H 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 80.00               | 3.150 | 1.91        | 10.93  | 26.750       | 1.053 | M           | P              |
| LCM160H 15       |                  |      |                          |      |                       |      |                           |      |                            |        | 90.00               | 3.543 | 1.69        | 9.67   | 29.790       | 1.173 | M           | P              |
| LCM125HK 01†     | 17.25            | .679 | 18.20                    | .717 | 1.25                  | .049 | 14.10                     | .555 | 59.22                      | 13.314 | 40.50               | 1.594 | 1.73        | 9.88   | 6.875        | 0.271 | K           | M              |
| LCM125HK 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 62.00               | 2.441 | 1.10        | 6.28   | 9.375        | 0.369 | L           | N              |
| LCM125HK 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 94.00               | 3.701 | 0.72        | 4.11   | 13.125       | 0.517 | L           | N              |
| LCM125HK 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 140.00              | 5.512 | 0.47        | 2.68   | 18.125       | 0.714 | M           | P              |
| LCM125HK 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 205.00              | 8.071 | 0.32        | 1.85   | 25.625       | 1.009 | R           | S              |
| LCM160HM 01†     | 17.60            | .693 | 18.50                    | .728 | 1.60                  | .063 | 13.70                     | .539 | 118.17                     | 26.565 | 34.00               | 1.339 | 4.66        | 26.61  | 8.800        | 0.346 | K           | M              |
| LCM160HM 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 51.50               | 2.028 | 2.96        | 16.91  | 12.000       | 0.472 | K           | M              |
| LCM160HM 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 77.50               | 3.051 | 1.93        | 11.02  | 16.800       | 0.661 | L           | N              |
| LCM160HM 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 110.00              | 4.331 | 1.30        | 7.42   | 23.200       | 0.913 | M           | N              |
| LCM160HM 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 165.00              | 6.496 | 0.88        | 5.02   | 32.800       | 1.291 | P           | R              |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |    |
|------------------|------------------|------|--------------------------|------|-----------------------|------|---------------------------|------|----------------------------|--------|---------------------|-------|-------------|--------|--------------|-------|-------------|----|
|                  | MM               | IN.  | MM                       | IN.  | MM                    | IN.  | MM                        | IN.  | N                          | LB.    | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   | M           | S  |
| LCM200HN 01†     | 18.00            | .709 | 18.60                    | .732 | 2.00                  | .079 | 13.40                     | .528 | 220.36                     | 49.538 | 30.00               | 1.181 | 11.38       | 64.98  | 11.000       | 0.433 | K           | N  |
| LCM200HN 02†     |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 7.23        | 41.28  | 15.000       | 0.591 | K           | N  |
| LCM200HN 03†     |                  |      |                          |      |                       |      |                           |      |                            |        | 68.00               | 2.677 | 4.69        | 26.78  | 21.000       | 0.827 | M           | R  |
| LCM200HN 04†     |                  |      |                          |      |                       |      |                           |      |                            |        | 98.00               | 3.858 | 3.19        | 18.22  | 29.000       | 1.142 | N           | S  |
| LCM200HN 05†     |                  |      |                          |      |                       |      |                           |      |                            |        | 145.00              | 5.709 | 2.15        | 12.28  | 41.000       | 1.614 | R           | S  |
| LCM140J 01       | 18.30            | .720 | 19.00                    | .748 | 1.40                  | .055 | 14.70                     | .579 | 57.83                      | 13.000 | 15.50               | 0.610 | 5.46        | 31.19  | 4.900        | 0.193 | J           | L  |
| LCM140J 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 19.00               | 0.748 | 4.28        | 24.45  | 5.490        | 0.216 | J           | L  |
| LCM140J 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 22.00               | 0.866 | 3.61        | 20.63  | 5.990        | 0.236 | J           | L  |
| LCM140J 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 3.12        | 17.84  | 6.480        | 0.255 | J           | L  |
| LCM140J 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 2.55        | 14.56  | 7.320        | 0.288 | J           | L  |
| LCM140J 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 2.15        | 12.30  | 8.150        | 0.321 | J           | L  |
| LCM140J 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 1.87        | 10.65  | 8.970        | 0.353 | K           | M  |
| LCM140J 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 1.64        | 9.39   | 9.800        | 0.386 | K           | M  |
| LCM140J 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 1.47        | 8.39   | 10.640       | 0.419 | K           | M  |
| LCM140J 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 1.33        | 7.59   | 11.460       | 0.451 | K           | M  |
| LCM140J 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 1.21        | 6.93   | 12.290       | 0.484 | K           | M  |
| LCM140J 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 65.00               | 2.559 | 1.12        | 6.37   | 13.130       | 0.517 | K           | M  |
| LCM140J 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 70.00               | 2.756 | 1.03        | 5.90   | 13.970       | 0.550 | K           | M  |
| LCM140J 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 80.00               | 3.150 | 0.90        | 5.13   | 15.620       | 0.615 | K           | M  |
| LCM200J 01       | 18.30            | .720 | 19.00                    | .748 | 2.00                  | .079 | 13.50                     | .532 | 172.59                     | 38.800 | 22.00               | 0.866 | 13.83       | 78.99  | 9.530        | 0.375 | L           | P  |
| LCM200J 02       |                  |      |                          |      |                       |      |                           |      |                            |        | 25.00               | 0.984 | 11.86       | 67.71  | 10.440       | 0.411 | L           | P  |
| LCM200J 03       |                  |      |                          |      |                       |      |                           |      |                            |        | 30.00               | 1.181 | 9.58        | 54.68  | 11.990       | 0.472 | L           | P  |
| LCM200J 04       |                  |      |                          |      |                       |      |                           |      |                            |        | 35.00               | 1.378 | 8.03        | 45.86  | 13.510       | 0.532 | L           | R  |
| LCM200J 05       |                  |      |                          |      |                       |      |                           |      |                            |        | 40.00               | 1.575 | 6.92        | 39.49  | 15.040       | 0.592 | M           | S  |
| LCM200J 06       |                  |      |                          |      |                       |      |                           |      |                            |        | 45.00               | 1.772 | 6.07        | 34.68  | 16.590       | 0.653 | M           | S  |
| LCM200J 07       |                  |      |                          |      |                       |      |                           |      |                            |        | 50.00               | 1.969 | 5.41        | 30.91  | 18.110       | 0.713 | N           | T  |
| LCM200J 08       |                  |      |                          |      |                       |      |                           |      |                            |        | 55.00               | 2.165 | 4.88        | 27.88  | 19.660       | 0.774 | P           | U  |
| LCM200J 09       |                  |      |                          |      |                       |      |                           |      |                            |        | 60.00               | 2.362 | 4.45        | 25.39  | 21.180       | 0.834 | P           | W  |
| LCM200J 10       |                  |      |                          |      |                       |      |                           |      |                            |        | 65.00               | 2.559 | 4.08        | 23.31  | 22.710       | 0.894 | P           | W  |
| LCM200J 11       |                  |      |                          |      |                       |      |                           |      |                            |        | 70.00               | 2.756 | 3.77        | 21.54  | 24.260       | 0.955 | R           | X  |
| LCM200J 12       |                  |      |                          |      |                       |      |                           |      |                            |        | 80.00               | 3.150 | 3.28        | 18.71  | 27.330       | 1.076 | S           | Y  |
| LCM200J 13       |                  |      |                          |      |                       |      |                           |      |                            |        | 90.00               | 3.543 | 2.89        | 16.53  | 30.380       | 1.196 | T           | Z  |
| LCM200J 14       |                  |      |                          |      |                       |      |                           |      |                            |        | 100.00              | 3.937 | 2.59        | 14.81  | 33.450       | 1.317 | U           | AA |

## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

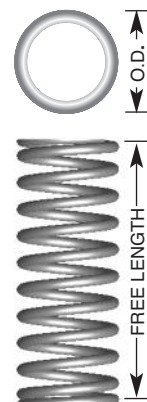
† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# COMPRESSION SPRINGS: STANDARD SERIES (METRIC)

ENDS ARE GROUND • Music Wire (Plated) or Stainless Steel (Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | NOMINAL WIRE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | NOMINAL FREE LENGTH |        | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|-------|--------------------------|-------|-----------------------|------|---------------------------|------|----------------------------|--------|---------------------|--------|-------------|--------|--------------|-------|-------------|----------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                    | IN.  | MM                        | IN.  | N                          | LB.    | MM                  | IN.    | N/MM        | LB/IN. | MM           | IN.   | Music Wire  | 302 Stainless* |
| LCM160K 01†      |                  |       |                          |       |                       |      |                           |      |                            |        | 48.00               | 1.890  | 2.38        | 13.59  | 8.800        | 0.346 | M           | S              |
| LCM160K 02†      |                  |       |                          |       |                       |      |                           |      |                            |        | 73.50               | 2.894  | 1.52        | 8.68   | 12.000       | 0.472 | P           | U              |
| LCM160K 03†      | 21.60            | .850  | 22.60                    | .890  | 1.60                  | .063 | 17.50                     | .689 | 94.89                      | 21.332 | 110.00              | 4.331  | 1.00        | 5.71   | 16.800       | 0.661 | T           | X              |
| LCM160K 04†      |                  |       |                          |       |                       |      |                           |      |                            |        | 165.00              | 6.496  | 0.67        | 3.83   | 23.200       | 0.913 | W           | Z              |
| LCM160K 05†      |                  |       |                          |       |                       |      |                           |      |                            |        | 240.00              | 9.449  | 0.46        | 2.63   | 32.800       | 1.291 | Y           | AA             |
| LCM200KK 01†     |                  |       |                          |       |                       |      |                           |      |                            |        | 41.00               | 1.614  | 5.83        | 33.29  | 11.000       | 0.433 | L           | P              |
| LCM200KK 02†     |                  |       |                          |       |                       |      |                           |      |                            |        | 62.00               | 2.441  | 3.71        | 21.18  | 15.000       | 0.591 | P           | U              |
| LCM200KK 03†     | 22.00            | .866  | 22.90                    | .902  | 2.00                  | .079 | 17.10                     | .673 | 177.29                     | 39.857 | 94.00               | 3.701  | 2.38        | 13.59  | 21.000       | 0.827 | S           | Y              |
| LCM200KK 04†     |                  |       |                          |       |                       |      |                           |      |                            |        | 135.00              | 5.315  | 1.63        | 9.31   | 29.000       | 1.142 | U           | X              |
| LCM200KK 05†     |                  |       |                          |       |                       |      |                           |      |                            |        | 200.00              | 7.874  | 1.10        | 6.27   | 41.000       | 1.614 | Y           | AA             |
| LCM200LM 01†     |                  |       |                          |       |                       |      |                           |      |                            |        | 58.00               | 2.283  | 2.98        | 17.02  | 11.000       | 0.433 | W           | Z              |
| LCM200LM 02†     |                  |       |                          |       |                       |      |                           |      |                            |        | 88.50               | 3.484  | 1.89        | 10.79  | 15.000       | 0.591 | AA          | AD             |
| LCM200LM 03†     | 27.00            | 1.063 | 28.00                    | 1.102 | 2.00                  | .079 | 22.00                     | .866 | 142.21                     | 31.971 | 135.00              | 5.315  | 1.23        | 7.02   | 21.000       | 0.827 | AC          | AG             |
| LCM200LM 04†     |                  |       |                          |       |                       |      |                           |      |                            |        | 195.00              | 7.677  | 0.82        | 4.68   | 29.000       | 1.142 | AE          | AL             |
| LCM200LM 05†     |                  |       |                          |       |                       |      |                           |      |                            |        | 290.00              | 11.417 | 0.58        | 3.31   | 41.000       | 1.614 | AL          | AP             |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

† Indicates DIN Compression Springs meeting the design parameters outlined in Standard DIN 2098.

# Compression Springs – Heavy Duty Series

*Durable Springs Manufactured to Perform*



The Lee Spring Heavy Duty Series of compression springs includes a range of large size and high spring rate combinations. Selections are sorted in ascending order to mating hole/bore diameter sizes.

Heavy Duty Series springs are available in Music Wire or Oil Tempered MB and Type 302 Stainless Steel. Springs in this series are pre-set to prevent length loss in operation and shotpeened for added fatigue resistance. The Music Wire/Oil Tempered MB springs are provided with a zinc plating finish for light corrosion resistance. The Type 302 Stainless Steel springs are passivated.

Lee Spring Heavy Duty Series springs feature squared and ground ends. A squared end, also called a closed end, is made by reducing the coil pitch of the ends to zero. Squareness influences how a force produced by the spring can be transferred to adjacent parts. The ground ends provide flat bearing surfaces and additional stability.

Squared and ground ends are particularly useful in applications in which 1) high-duty springs are specified, 2) unusually close tolerances on load or rate are needed, 3) solid height must be minimized, 4) accurate seating and uniform bearing pressures are required and 5) a tendency towards buckling must be reduced.



*Lee Spring can manufacture custom heavy duty compression springs to your specifications. Contact us today!*

# Compression Springs – Heavy Duty Series

## Guide to using tables

### Lee Stock Number:

Lee Spring Part Number, add suffix M for Music Wire or S for Stainless Steel.

### To Work In Hole Diameter:

Suggested minimum hole size if needed for spring containment.

### Approx. Load at Solid Height:

The load or force required to bring all coils into contact.

### Spring Rate:

Change in load or force per unit of deflection.

### Price Group:

Reference for price list.

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* |
| LHC 142H 01      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 115.00      | 2.050 | 1.120        | 28.45 | AK          | AS             |
| LHC 142H 02      |                  |       |                          |       |               |      |                            |        | 2.188       | 55.56  | 100.00      | 1.783 | 1.200        | 30.48 | AK          | AS             |
| LHC 142H 03      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 88.00       | 1.569 | 1.360        | 34.54 | AK          | AT             |
| LHC 142H 04      |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 78.00       | 1.391 | 1.500        | 38.10 | AL          | AU             |
| LHC 142H 05      | 1.095            | 27.81 | 1.125                    | 28.58 | .142          | 3.61 | 100.00                     | 45.290 | 3.313       | 84.14  | 64.00       | 1.410 | 1.785        | 45.34 | AL          | AW             |
| LHC 142H 06      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 53.00       | 0.945 | 2.140        | 54.36 | AM          | AX             |
| LHC 142H 07      |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 46.00       | 0.820 | 2.387        | 60.12 | AM          | AY             |
| LHC 142H 08      |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 40.00       | 0.710 | 2.667        | 66.93 | AM          | AZ             |

### Outside Diameter:

Spring outer diameter, parts listed in ascending order.

### Wire Diameter:

In ascending order of size, within each group of outside diameters.

### Free Length:

The overall height of the spring in the unloaded position.

### Solid Height:

Length when fully compressed.

## Additional Information

- Load at Solid Height figures are provided for reference only. During the manufacturing process all material and engineering tolerances may result in the number of coils being adjusted to maintain the correct spring rate and therefore affect solid height.
- It is general good practice to avoid compressing springs to their solid height in order to achieve longer life. A guide rod is recommended to prevent buckling of long springs.
- To figure the load at any working length based on nominal free length and spring rate use the formula:  

$$P = R \times F$$
 where P is the load in lbs.; R is the spring rate in lbs per inch; F is the deflection in inches (or free length minus final spring length).

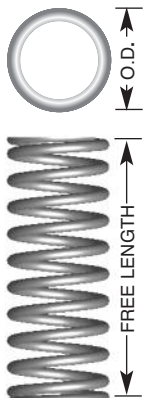
For additional information, pricing, availability, and technical support please contact Lee Spring by calling +91 80 49376666 or by email at [india-sales@leespring.com](mailto:india-sales@leespring.com)

# COMPRESSION SPRINGS: HEAVY DUTY SERIES (INCH)

ENDS ARE GROUND • Music Wire/Oil Tempered MB (Shotpeened, Plated) or Stainless Steel (Shotpeened, Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* |
| LHC 142H 01      | 1.095            | 27.81 | 1.125                    | 28.58 | .142          | 3.61 | 100.00                     | 45.290 | 2.000       | 50.80  | 115.00      | 2.050 | 1.120        | 28.45 | AK          | AS             |
| LHC 142H 02      |                  |       |                          |       |               |      |                            |        | 2.188       | 55.56  | 100.00      | 1.783 | 1.200        | 30.48 | AK          | AS             |
| LHC 142H 03      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 88.00       | 1.569 | 1.360        | 34.54 | AK          | AT             |
| LHC 142H 04      |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 78.00       | 1.391 | 1.500        | 38.10 | AL          | AU             |
| LHC 142H 05      |                  |       |                          |       |               |      |                            |        | 3.313       | 84.14  | 64.00       | 1.410 | 1.785        | 45.34 | AL          | AW             |
| LHC 142H 06      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 53.00       | 0.945 | 2.140        | 54.36 | AM          | AX             |
| LHC 142H 07      |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 46.00       | 0.820 | 2.367        | 60.12 | AM          | AY             |
| LHC 142H 08      |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 42.00       | 0.749 | 2.640        | 67.06 | AM          | AZ             |
| LHC 142J 0       | 1.095            | 27.81 | 1.125                    | 28.58 | .142          | 3.61 | 120.00                     | 54.348 | 1.750       | 44.45  | 150.00      | 2.679 | 0.943        | 23.95 | AK          | AR             |
| LHC 142J 01      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 129.00      | 2.300 | 1.060        | 26.92 | AK          | AR             |
| LHC 142J 02      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 111.00      | 1.979 | 1.170        | 29.72 | AK          | AS             |
| LHC 142J 03      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 98.00       | 1.747 | 1.285        | 32.64 | AK          | AT             |
| LHC 142J 04      |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 88.00       | 1.569 | 1.400        | 35.56 | AK          | AU             |
| LHC 142J 05      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 80.00       | 1.426 | 1.510        | 38.35 | AL          | AW             |
| LHC 142J 06      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 67.00       | 1.195 | 1.720        | 43.69 | AL          | AX             |
| LHC 142J 07      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 59.00       | 1.052 | 1.950        | 49.53 | AL          | AY             |
| LHC 142J 08      |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 51.00       | 0.909 | 2.164        | 54.97 | AM          | AZ             |
| LHC 142J 09      |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 46.00       | 0.820 | 2.420        | 61.47 | AM          | AZA            |
| LHC 148J 0       | 1.095            | 27.81 | 1.125                    | 28.58 | .148          | 3.76 | 135.00                     | 61.236 | 1.750       | 44.45  | 175.00      | 3.125 | 1.000        | 25.40 | AK          | AT             |
| LHC 148J 01      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 149.30      | 2.666 | 1.125        | 28.58 | AK          | AT             |
| LHC 148J 02      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 130.20      | 2.325 | 1.240        | 31.50 | AK          | AU             |
| LHC 148J 03      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 115.45      | 2.062 | 1.360        | 34.54 | AL          | AW             |
| LHC 148J 04      |                  |       |                          |       |               |      |                            |        | 2.750       | 69.85  | 103.69      | 1.852 | 1.475        | 37.46 | AL          | AX             |
| LHC 148J 05      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 94.10       | 1.680 | 1.595        | 40.51 | AM          | AY             |
| LHC 148J 06      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 79.42       | 1.418 | 1.830        | 46.48 | AM          | AZ             |
| LHC 148J 07      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 68.70       | 1.227 | 2.070        | 52.58 | AM          | AZA            |
| LHC 148J 08      |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 60.52       | 1.081 | 2.305        | 58.55 | AN          | AZB            |
| LHC 148J 09      |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 54.10       | 0.966 | 2.540        | 64.52 | AN          | AZC            |
| LHC 148M 00      | 1.218            | 30.94 | 1.250                    | 31.75 | .148          | 3.76 | 120.40                     | 54.613 | 0.875       | 22.23  | 352.00      | 6.286 | 0.549        | 13.94 | AE          | AN             |
| LHC 148M 0A      |                  |       |                          |       |               |      |                            |        | 1.000       | 25.40  | 289.50      | 5.170 | 0.601        | 15.27 | AG          | AO             |
| LHC 148M 0B      |                  |       |                          |       |               |      |                            |        | 1.250       | 31.75  | 213.50      | 3.813 | 0.707        | 17.95 | AG          | AO             |
| LHC 148M 0C      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 169.50      | 3.027 | 0.811        | 20.60 | AJ          | AR             |
| LHC 148M 0D      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 119.50      | 2.134 | 1.023        | 25.99 | AJ          | AR             |
| LHC 148M 01      |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 104.00      | 1.857 | 1.128        | 28.64 | AK          | AZA            |
| LHC 148M 02      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 92.50       | 1.652 | 1.233        | 31.32 | AL          | AZA            |
| LHC 148M 03      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 75.40       | 1.346 | 1.444        | 36.67 | AL          | AZA            |
| LHC 148M 04      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 63.60       | 1.136 | 1.654        | 42.01 | AM          | AZB            |
| LHC 148M 05      |                  |       |                          |       |               |      |                            |        | 3.750       | 95.25  | 59.00       | 1.054 | 1.759        | 44.69 | AM          | AZB            |
| LHC 148M 06      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 55.00       | 0.982 | 1.865        | 47.36 | AM          | AZB            |
| LHC 148M 07      |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 48.50       | 0.866 | 2.075        | 52.71 | AO          | AZD            |
| LHC 148M 08      |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 43.30       | 0.773 | 2.286        | 58.06 | AO          | AZE            |
| LHC 148M 09      |                  |       |                          |       |               |      |                            |        | 5.500       | 139.70 | 39.20       | 0.700 | 2.496        | 63.41 | AP          | AZE            |
| LHC 148M 10      |                  |       |                          |       |               |      |                            |        | 6.000       | 152.40 | 35.70       | 0.638 | 2.707        | 68.75 | AP          | AZF            |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR HEAVY DUTY COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: HEAVY DUTY SERIES (INCH)

ENDS ARE GROUND • Music Wire/Oil Tempered MB (Shotpeened, Plated) or Stainless Steel (Shotpeened, Passivated)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |     |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|--------|-------------|--------|-------------|-------|--------------|-------|-------------|-----|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG     | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | M           | S   |
| LHC 156M 01      | 1.218            | 30.94 | 1.250                    | 31.75 | .156          | 3.96 | 140.00                     | 63.406 | 2.250       | 57.15  | 130.00      | 2.318 | 1.165        | 29.59 | AK          | AZA |
| LHC 156M 02      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 113.00      | 2.015 | 1.293        | 32.84 | AL          | AZA |
| LHC 156M 03      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 93.00       | 1.658 | 1.504        | 38.20 | AL          | AZC |
| LHC 156M 04      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 78.00       | 1.391 | 1.735        | 44.07 | AM          | AZD |
| LHC 156M 05      |                  |       |                          |       |               |      |                            |        | 3.750       | 95.25  | 72.00       | 1.284 | 1.852        | 47.04 | AM          | AZE |
| LHC 156M 06      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 68.00       | 1.212 | 1.950        | 49.53 | AM          | AZF |
| LHC 156M 07      |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 60.00       | 1.070 | 2.165        | 54.99 | AO          | AZF |
| LHC 156M 08      |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 53.00       | 0.945 | 2.404        | 61.06 | AO          | AZF |
| LHC 156M 09      |                  |       |                          |       |               |      |                            |        | 5.500       | 139.70 | 48.00       | 0.857 | 2.683        | 68.14 | AP          | AZF |
| LHC 156M 10      |                  |       |                          |       |               |      |                            |        | 6.000       | 152.40 | 44.00       | 0.786 | 2.910        | 73.93 | AR          | AZG |
| LHC 162N 0A      | 1.218            | 30.94 | 1.250                    | 31.75 | .162          | 4.11 | 160.00                     | 72.464 | 1.000       | 25.40  | 428.50      | 7.652 | 0.661        | 16.79 | AL          | AZC |
| LHC 162N 0B      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 246.50      | 4.402 | 0.903        | 22.93 | AL          | AZC |
| LHC 162N 0C      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 173.00      | 3.089 | 1.145        | 29.07 | AL          | AZC |
| LHC 162N 0       |                  |       |                          |       |               |      |                            |        | 2.250       | 57.15  | 150.50      | 2.688 | 1.250        | 31.75 | AL          | AZC |
| LHC 162N 01      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 133.00      | 2.371 | 1.348        | 34.24 | AL          | AZC |
| LHC 162N 02      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 110.00      | 1.961 | 1.562        | 39.67 | AL          | AZD |
| LHC 162N 03      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 91.00       | 1.622 | 1.821        | 46.25 | AM          | AZD |
| LHC 162N 04      |                  |       |                          |       |               |      |                            |        | 3.750       | 95.25  | 85.00       | 1.516 | 1.926        | 48.92 | AN          | AZF |
| LHC 162N 05      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 79.00       | 1.409 | 2.048        | 52.02 | AN          | AZF |
| LHC 162N 06      |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 70.00       | 1.248 | 2.270        | 57.66 | AO          | AZF |
| LHC 162N 07      |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 63.00       | 1.123 | 2.485        | 63.12 | AO          | AZG |
| LHC 162N 08      | 1.218            | 30.94 | 1.250                    | 31.75 | .177          | 4.50 | 175.00                     | 79.370 | 5.250       | 133.35 | 60.00       | 1.070 | 2.594        | 65.89 | AP          | AZH |
| LHC 162N 09      |                  |       |                          |       |               |      |                            |        | 5.500       | 139.70 | 56.00       | 1.000 | 2.780        | 70.61 | AR          | AZJ |
| LHC 162N 10      |                  |       |                          |       |               |      |                            |        | 6.000       | 152.40 | 51.08       | 0.912 | 3.015        | 76.58 | AS          | AZK |
| LHC 177N 01      |                  |       |                          |       |               |      |                            |        | 1.500       | 38.10  | 353.00      | 6.304 | 1.011        | 25.67 | AL          | AZB |
| LHC 177N 02      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 245.80      | 4.389 | 1.292        | 32.82 | AL          | AZB |
| LHC 177N 03      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 188.50      | 3.366 | 1.574        | 39.99 | AL          | AZD |
| LHC 177N 04      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 152.90      | 2.730 | 1.856        | 47.14 | AM          | AZE |
| LHC 177N 05      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 128.60      | 2.297 | 2.138        | 54.30 | AN          | AZF |
| LHC 177N 06      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 110.90      | 1.980 | 2.421        | 61.48 | AO          | AZF |
| LHC 177N 07      |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 97.60       | 1.743 | 2.701        | 68.60 | AO          | AZG |
| LHC 177N 08      |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 87.10       | 1.555 | 2.982        | 75.75 | AP          | AZH |
| LHC 192N 01      | 1.218            | 30.94 | 1.250                    | 31.75 | .192          | 4.88 | 216.00                     | 97.960 | 1.500       | 38.10  | 516.10      | 9.216 | 1.089        | 27.65 | AM          | AZC |
| LHC 192N 02      |                  |       |                          |       |               |      |                            |        | 2.000       | 50.80  | 356.40      | 6.365 | 1.399        | 35.54 | AM          | AZD |
| LHC 192N 03      |                  |       |                          |       |               |      |                            |        | 2.500       | 63.50  | 272.20      | 4.861 | 1.710        | 43.42 | AN          | AZE |
| LHC 192N 04      |                  |       |                          |       |               |      |                            |        | 3.000       | 76.20  | 220.20      | 3.932 | 2.020        | 51.31 | AN          | AZE |
| LHC 192N 05      |                  |       |                          |       |               |      |                            |        | 3.500       | 88.90  | 184.80      | 3.300 | 2.331        | 59.21 | AP          | AZE |
| LHC 192N 06      |                  |       |                          |       |               |      |                            |        | 4.000       | 101.60 | 159.30      | 2.845 | 2.641        | 67.08 | AP          | AZF |
| LHC 192N 07      |                  |       |                          |       |               |      |                            |        | 4.500       | 114.30 | 139.90      | 2.498 | 2.952        | 74.99 | AS          | AZG |
| LHC 192N 08      |                  |       |                          |       |               |      |                            |        | 5.000       | 127.00 | 124.80      | 2.229 | 3.262        | 82.85 | AT          | AZJ |

### SPECIAL INSTRUCTIONS FOR HEAVY DUTY COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

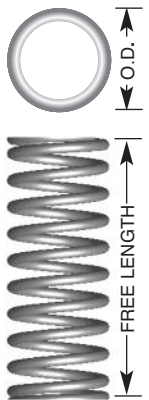
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: HEAVY DUTY SERIES (INCH)

ENDS ARE GROUND • Music Wire/Oil Tempered MB (Shotpeened, Plated) or Stainless Steel (Shotpeened, Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |         | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|---------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG      | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* |
| LHC 207N 01      | 1.218            | 30.94 | 1.250                    | 31.75 | .207          | 5.26 | 252.50                     | 114.510 | 2.000       | 50.80  | 504.80      | 9.015 | 1.505        | 38.23 | AP          | AZJ            |
| LHC 207N 02      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 383.80      | 6.854 | 1.845        | 46.87 | AP          | AZK            |
| LHC 207N 03      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 309.60      | 5.529 | 2.185        | 55.51 | AS          | AZK            |
| LHC 207N 04      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 259.40      | 4.632 | 2.526        | 64.15 | AT          | AZM            |
| LHC 207N 05      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 223.20      | 3.986 | 2.866        | 72.80 | AU          | AZM            |
| LHC 207N 06      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 195.90      | 3.498 | 3.206        | 81.44 | AX          | AZO            |
| LHC 207N 07      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 174.60      | 3.118 | 3.545        | 90.05 | AY          | AZP            |
| LHC 162P 0       | 1.400            | 35.56 | 1.437                    | 36.50 | .162          | 4.11 | 140.00                     | 63.406  | 2.250       | 57.15  | 116.00      | 2.072 | 1.075        | 27.31 | AL          | AZC            |
| LHC 162P 01      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 102.67      | 1.833 | 1.170        | 29.72 | AL          | AZC            |
| LHC 162P 02      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 83.50       | 1.491 | 1.360        | 34.54 | AL          | AZD            |
| LHC 162P 03      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 70.34       | 1.256 | 1.550        | 39.37 | AM          | AZE            |
| LHC 162P 04      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 60.78       | 1.085 | 1.740        | 44.20 | AM          | AZF            |
| LHC 162P 05      |                  |       |                          |       |               |      |                            |         | 4.250       | 107.95 | 56.90       | 1.016 | 1.830        | 46.48 | AO          | AZF            |
| LHC 162P 06      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 53.50       | 0.955 | 1.925        | 48.90 | AO          | AZF            |
| LHC 162P 07      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 47.78       | 0.853 | 2.115        | 53.72 | AP          | AZG            |
| LHC 162P 08      |                  |       |                          |       |               |      |                            |         | 5.250       | 133.35 | 45.35       | 0.810 | 2.210        | 56.13 | AP          | AZH            |
| LHC 177P 0       | 1.400            | 35.56 | 1.437                    | 36.50 | .177          | 4.50 | 180.00                     | 81.522  | 2.250       | 57.15  | 168.82      | 3.015 | 1.185        | 30.10 | AL          | AZE            |
| LHC 177P 01      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 149.00      | 2.657 | 1.295        | 32.89 | AL          | AZE            |
| LHC 177P 02      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 120.00      | 2.140 | 1.508        | 38.30 | AM          | AZF            |
| LHC 177P 03      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 100.00      | 1.783 | 1.720        | 43.69 | AO          | AZF            |
| LHC 177P 04      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 87.00       | 1.551 | 1.930        | 49.02 | AP          | AZG            |
| LHC 177P 05      |                  |       |                          |       |               |      |                            |         | 4.250       | 107.95 | 81.00       | 1.444 | 2.039        | 51.79 | AP          | AZH            |
| LHC 177P 06      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 76.00       | 1.355 | 2.151        | 54.64 | AR          | AZH            |
| LHC 177P 07      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 69.00       | 1.230 | 2.360        | 59.94 | AS          | AZJ            |
| LHC 177P 08      |                  |       |                          |       |               |      |                            |         | 5.250       | 133.35 | 65.00       | 1.159 | 2.480        | 62.99 | AT          | AZK            |
| LHC 148R 01      | 1.460            | 37.08 | 1.500                    | 38.10 | .148          | 3.76 | 91.68                      | 41.590  | 1.500       | 38.10  | 113.70      | 2.030 | 0.714        | 18.14 | AK          | AT             |
| LHC 148R 02      |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 80.30       | 1.434 | 0.885        | 22.47 | AK          | AX             |
| LHC 148R 03      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 62.10       | 1.109 | 1.055        | 26.79 | AL          | AX             |
| LHC 148R 04      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 50.60       | 0.904 | 1.225        | 31.11 | AL          | AY             |
| LHC 148R 05      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 42.70       | 0.763 | 1.395        | 35.44 | AM          | AZ             |
| LHC 148R 06      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 37.00       | 0.661 | 1.563        | 39.70 | AM          | AZB            |
| LHC 162R 01      | 1.460            | 37.08 | 1.500                    | 38.10 | .162          | 4.11 | 115.00                     | 52.150  | 1.500       | 38.10  | 162.40      | 2.900 | 0.799        | 20.29 | AL          | AZC            |
| LHC 162R 02      |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 114.00      | 2.036 | 0.996        | 25.31 | AL          | AZC            |
| LHC 162R 03      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 87.80       | 1.568 | 1.194        | 30.33 | AL          | AZC            |
| LHC 162R 04      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 71.40       | 1.275 | 1.392        | 35.35 | AL          | AZD            |
| LHC 162R 05      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 60.10       | 1.073 | 1.591        | 40.40 | AM          | AZD            |
| LHC 162R 06      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 52.00       | 0.929 | 1.786        | 45.38 | AM          | AZF            |
| LHC 162R 07      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 45.70       | 0.816 | 1.987        | 50.46 | AO          | AZF            |
| LHC 162R 08      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 40.80       | 0.729 | 2.185        | 55.51 | AP          | AZG            |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR HEAVY DUTY COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: HEAVY DUTY SERIES (INCH)

ENDS ARE GROUND • Music Wire/Oil Tempered MB (Shotpeened, Plated) or Stainless Steel (Shotpeened, Passivated)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |         | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |     |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|---------|-------------|--------|-------------|-------|--------------|-------|-------------|-----|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG      | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | M           | S   |
| LHC 187R 01      | 1.460            | 37.08 | 1.500                    | 38.10 | .187          | 4.75 | 200.00                     | 90.580  | 2.500       | 63.50  | 168.00      | 2.996 | 1.337        | 33.96 | AM          | AZF |
| LHC 187R 02      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 138.00      | 2.461 | 1.546        | 39.27 | AO          | AZG |
| LHC 187R 03      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 116.00      | 2.068 | 1.769        | 44.93 | AO          | AZH |
| LHC 187R 04      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 99.00       | 1.765 | 2.008        | 51.00 | AR          | AZJ |
| LHC 187R 05      |                  |       |                          |       |               |      |                            |         | 4.250       | 107.95 | 92.00       | 1.640 | 2.131        | 54.13 | AR          | AZK |
| LHC 187R 06      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 86.00       | 1.533 | 2.255        | 57.28 | AS          | AZL |
| LHC 187R 07      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 77.00       | 1.373 | 2.474        | 62.84 | AU          | AZL |
| LHC 187R 08      |                  |       |                          |       |               |      |                            |         | 5.250       | 133.35 | 73.00       | 1.302 | 2.590        | 65.79 | AU          | AZL |
| LHC 207S 01      | 1.580            | 40.13 | 1.625                    | 41.28 | .207          | 5.26 | 230.00                     | 104.167 | 2.500       | 63.50  | 210.00      | 3.744 | 1.420        | 36.07 | AR          | AZM |
| LHC 207S 02      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 170.00      | 3.031 | 1.656        | 42.06 | AT          | AZM |
| LHC 207S 03      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 142.00      | 2.532 | 1.900        | 48.26 | AU          | AZN |
| LHC 207S 04      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 121.00      | 2.158 | 2.159        | 54.84 | AX          | AZN |
| LHC 207S 05      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 107.00      | 1.908 | 2.386        | 60.60 | AY          | AZO |
| LHC 207S 06      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 95.00       | 1.694 | 2.635        | 66.93 | AZ          | AZP |
| LHC 207S 07      |                  |       |                          |       |               |      |                            |         | 5.500       | 139.70 | 86.00       | 1.533 | 2.806        | 71.27 | AZA         | AZQ |
| LHC 207S 08      |                  |       |                          |       |               |      |                            |         | 6.000       | 152.40 | 79.00       | 1.409 | 3.086        | 78.38 | AZB         | AZR |
| LHC 148T 01      | 1.687            | 42.85 | 1.750                    | 44.45 | .148          | 3.76 | 79.93                      | 36.256  | 1.500       | 38.10  | 89.70       | 1.602 | 0.626        | 15.91 | AK          | AU  |
| LHC 148T 02      |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 63.40       | 1.132 | 0.760        | 19.30 | AK          | AY  |
| LHC 148T 03      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 49.00       | 0.875 | 0.894        | 22.70 | AL          | AY  |
| LHC 148T 04      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 39.90       | 0.713 | 1.028        | 26.11 | AL          | AZ  |
| LHC 148T 05      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 33.70       | 0.602 | 1.161        | 29.48 | AM          | AZA |
| LHC 148T 06      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 29.10       | 0.520 | 1.296        | 32.92 | AM          | AZB |
| LHC 148T 07      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 25.70       | 0.459 | 1.427        | 36.25 | AN          | AZB |
| LHC 148T 08      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 22.90       | 0.409 | 1.564        | 39.74 | AO          | AZC |
| LHC 162T 01      | 1.687            | 42.85 | 1.750                    | 44.45 | .162          | 4.11 | 100.71                     | 45.682  | 1.500       | 38.10  | 125.80      | 2.247 | 0.704        | 17.88 | AL          | AZC |
| LHC 162T 02      |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 88.20       | 1.575 | 0.862        | 21.89 | AL          | AZC |
| LHC 162T 03      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 68.00       | 1.214 | 1.019        | 25.88 | AL          | AZC |
| LHC 162T 04      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 55.30       | 0.988 | 1.176        | 29.87 | AL          | AZD |
| LHC 162T 05      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 46.60       | 0.832 | 1.333        | 33.87 | AM          | AZE |
| LHC 162T 06      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 40.20       | 0.718 | 1.492        | 37.91 | AM          | AZF |
| LHC 162T 07      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 35.40       | 0.632 | 1.650        | 41.90 | AO          | AZF |
| LHC 162T 08      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 31.60       | 0.564 | 1.808        | 45.92 | AR          | AZG |
| LHC 177T 01      | 1.687            | 42.85 | 1.750                    | 44.45 | .177          | 4.50 | 128.00                     | 58.050  | 1.500       | 38.10  | 177.70      | 3.173 | 0.785        | 19.94 | AM          | AZE |
| LHC 177T 02      |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 123.70      | 2.209 | 0.969        | 24.60 | AM          | AZE |
| LHC 177T 03      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 94.90       | 1.695 | 1.152        | 29.26 | AM          | AZE |
| LHC 177T 04      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 76.90       | 1.373 | 1.336        | 33.94 | AM          | AZF |
| LHC 177T 05      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 64.70       | 1.155 | 1.519        | 38.59 | AN          | AZG |
| LHC 177T 06      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 55.80       | 0.996 | 1.704        | 43.27 | AN          | AZH |
| LHC 177T 07      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 49.10       | 0.877 | 1.886        | 47.91 | AP          | AZH |
| LHC 177T 08      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 43.80       | 0.782 | 2.070        | 52.59 | AR          | AZJ |

### SPECIAL INSTRUCTIONS FOR HEAVY DUTY COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

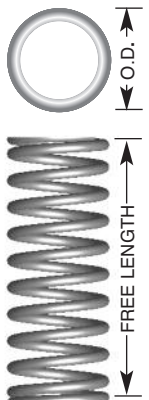
\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: HEAVY DUTY SERIES (INCH)

ENDS ARE GROUND • Music Wire/Oil Tempered MB (Shotpeened, Plated) or Stainless Steel (Shotpeened, Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |         | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |                |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|---------|-------------|--------|-------------|-------|--------------|-------|-------------|----------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG      | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | Music Wire  | 302 Stainless* |
| LHC 192T 01      | 1.687            | 42.85 | 1.750                    | 44.45 | .192          | 4.88 | 159.00                     | 72.110  | 1.500       | 38.10  | 247.40      | 4.418 | 0.863        | 21.92 | AO          | AZD            |
| LHC 192T 02      |                  |       |                          |       |               |      |                            |         | 2.000       | 50.80  | 170.90      | 3.052 | 1.072        | 27.23 | AO          | AZF            |
| LHC 192T 03      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 130.50      | 2.330 | 1.281        | 32.55 | AR          | AZJ            |
| LHC 192T 04      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 105.60      | 1.886 | 1.490        | 37.86 | AS          | AZJ            |
| LHC 192T 05      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 88.60       | 1.582 | 1.700        | 43.19 | AU          | AZJ            |
| LHC 192T 06      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 76.40       | 1.364 | 1.909        | 48.48 | AW          | AZK            |
| LHC 192T 07      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 67.10       | 1.198 | 2.119        | 53.81 | AX          | AZL            |
| LHC 192T 08      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 59.80       | 1.068 | 2.329        | 59.16 | AY          | AZN            |
| LHC 218T 01      | 1.687            | 42.85 | 1.750                    | 44.45 | .218          | 5.54 | 250.00                     | 113.230 | 2.500       | 63.50  | 228.00      | 4.065 | 1.415        | 25.94 | AT          | AZM            |
| LHC 218T 02      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 181.00      | 3.227 | 1.668        | 42.37 | AU          | AZM            |
| LHC 218T 03      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 152.00      | 2.710 | 1.903        | 48.34 | AX          | AZN            |
| LHC 218T 04      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 130.00      | 2.318 | 2.152        | 54.66 | AY          | AZO            |
| LHC 218T 05      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 114.00      | 2.033 | 2.387        | 60.63 | AZ          | AZP            |
| LHC 218T 06      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 102.00      | 1.819 | 2.625        | 66.68 | AZA         | AZQ            |
| LHC 218T 07      |                  |       |                          |       |               |      |                            |         | 5.500       | 139.70 | 91.00       | 1.622 | 2.889        | 73.38 | AZB         | AZR            |
| LHC 218T 08      |                  |       |                          |       |               |      |                            |         | 6.000       | 152.40 | 84.00       | 1.498 | 3.093        | 78.56 | AZC         | AZR            |
| LHC 234T 01      | 1.687            | 42.85 | 1.750                    | 44.45 | .234          | 5.94 | 300.70                     | 136.398 | 2.500       | 63.50  | 309.80      | 5.532 | 1.529        | 38.85 | AW          | AZN            |
| LHC 234T 02      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 248.60      | 4.439 | 1.791        | 45.48 | AX          | AZN            |
| LHC 234T 03      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 207.60      | 3.707 | 2.052        | 52.11 | AZ          | AZO            |
| LHC 234T 04      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 178.20      | 3.182 | 2.313        | 58.75 | AZA         | AZP            |
| LHC 234T 05      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 156.10      | 2.788 | 2.574        | 65.38 | AZB         | AZR            |
| LHC 234T 06      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 138.90      | 2.480 | 2.835        | 72.01 | AZC         | AZS            |
| LHC 234T 07      |                  |       |                          |       |               |      |                            |         | 5.500       | 139.70 | 125.10      | 2.234 | 3.096        | 78.65 | AZD         | AZT            |
| LHC 234T 08      |                  |       |                          |       |               |      |                            |         | 6.000       | 152.40 | 113.80      | 2.032 | 3.357        | 85.28 | AZE         | AZT            |
| LHC 148U 01      | 1.937            | 49.20 | 2.000                    | 50.80 | .148          | 3.76 | 70.06                      | 31.780  | 2.000       | 50.80  | 51.60       | 0.921 | 0.661        | 16.78 | AN          | AZ             |
| LHC 148U 02      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 39.90       | 0.713 | 0.765        | 19.43 | AN          | AZA            |
| LHC 148U 03      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 32.50       | 0.580 | 0.870        | 22.09 | AP          | AZB            |
| LHC 148U 04      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 27.40       | 0.489 | 0.975        | 24.77 | AR          | AZC            |
| LHC 148U 05      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 23.70       | 0.423 | 1.080        | 27.42 | AS          | AZD            |
| LHC 148U 06      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 20.90       | 0.373 | 1.183        | 30.06 | AT          | AZE            |
| LHC 148U 07      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 18.70       | 0.334 | 1.287        | 32.69 | AU          | AZF            |
| LHC 148U 08      |                  |       |                          |       |               |      |                            |         | 5.500       | 139.70 | 16.90       | 0.302 | 1.391        | 35.34 | AW          | AZG            |
| LHC 162U 01      | 1.937            | 49.20 | 2.000                    | 50.80 | .162          | 4.11 | 89.97                      | 40.810  | 2.000       | 50.80  | 70.80       | 1.264 | 0.751        | 19.07 | AR          | AZD            |
| LHC 162U 02      |                  |       |                          |       |               |      |                            |         | 2.500       | 63.50  | 54.50       | 0.973 | 0.876        | 22.24 | AU          | AZE            |
| LHC 162U 03      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 44.30       | 0.791 | 1.001        | 25.41 | AW          | AZF            |
| LHC 162U 04      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 37.40       | 0.668 | 1.124        | 28.54 | AX          | AZG            |
| LHC 162U 05      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 32.30       | 0.577 | 1.248        | 31.71 | AY          | AZH            |
| LHC 162U 06      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 28.40       | 0.507 | 1.374        | 34.90 | AY          | AZH            |
| LHC 162U 07      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 25.40       | 0.454 | 1.497        | 38.02 | AZ          | AZJ            |
| LHC 162U 08      |                  |       |                          |       |               |      |                            |         | 5.500       | 139.70 | 22.90       | 0.409 | 1.624        | 41.24 | AZA         | AZK            |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR HEAVY DUTY COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# COMPRESSION SPRINGS: HEAVY DUTY SERIES (INCH)

ENDS ARE GROUND • Music Wire/Oil Tempered MB (Shotpeened, Plated) or Stainless Steel (Shotpeened, Passivated)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | WIRE DIAMETER |      | APPROX. LOAD AT SOLID HGT. |         | FREE LENGTH |        | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |     |
|------------------|------------------|-------|--------------------------|-------|---------------|------|----------------------------|---------|-------------|--------|-------------|-------|--------------|-------|-------------|-----|
|                  | IN.              | MM    | IN.                      | MM    | IN.           | MM   | LB.                        | KG      | IN.         | MM     | LB/IN.      | KG/MM | IN.          | MM    | M           | S   |
| LHC 177U 01      | 1.937            | 49.20 | 2.000                    | 50.80 | .177          | 4.50 | 114.97                     | 52.150  | 2.500       | 63.50  | 74.90       | 1.338 | 0.995        | 25.26 | AS          | AZE |
| LHC 177U 02      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 60.80       | 1.086 | 1.141        | 28.97 | AU          | AZF |
| LHC 177U 03      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 51.10       | 0.913 | 1.288        | 32.71 | AW          | AZG |
| LHC 177U 04      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 44.10       | 0.788 | 1.434        | 36.44 | AY          | AZH |
| LHC 177U 05      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 38.80       | 0.693 | 1.581        | 40.15 | AZ          | AZJ |
| LHC 177U 06      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 34.60       | 0.618 | 1.728        | 43.90 | AZA         | AZK |
| LHC 177U 07      |                  |       |                          |       |               |      |                            |         | 5.500       | 139.70 | 31.20       | 0.557 | 1.877        | 47.67 | AZB         | AZL |
| LHC 177U 08      |                  |       |                          |       |               |      |                            |         | 6.000       | 152.40 | 28.50       | 0.509 | 2.020        | 51.31 | AZC         | AZM |
| LHC 192U 01      | 1.937            | 49.20 | 2.000                    | 50.80 | .192          | 4.88 | 143.89                     | 65.269  | 2.500       | 63.50  | 101.40      | 1.811 | 1.113        | 28.26 | AX          | AZH |
| LHC 192U 02      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 82.00       | 1.464 | 1.282        | 32.57 | AX          | AZJ |
| LHC 192U 03      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 68.80       | 1.229 | 1.452        | 36.89 | AY          | AZK |
| LHC 192U 04      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 59.30       | 1.059 | 1.622        | 41.19 | AZA         | AZL |
| LHC 192U 05      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 52.10       | 0.930 | 1.791        | 45.49 | AZB         | AZL |
| LHC 192U 06      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 46.50       | 0.830 | 1.959        | 49.76 | AZC         | AZN |
| LHC 192U 07      |                  |       |                          |       |               |      |                            |         | 5.500       | 139.70 | 41.90       | 0.748 | 2.131        | 54.12 | AZD         | AZO |
| LHC 192U 08      |                  |       |                          |       |               |      |                            |         | 6.000       | 152.40 | 38.20       | 0.682 | 2.299        | 58.39 | AZE         | AZP |
| LHC 207U 01      | 1.937            | 49.20 | 2.000                    | 50.80 | .207          | 5.26 | 200.00                     | 90.720  | 2.500       | 63.50  | 146.50      | 2.615 | 1.134        | 28.82 | AU          | AZM |
| LHC 207U 02      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 118.10      | 2.110 | 1.307        | 33.20 | AX          | AZM |
| LHC 207U 03      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 99.00       | 1.768 | 1.480        | 37.59 | AY          | AZN |
| LHC 207U 04      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 85.20       | 1.521 | 1.653        | 41.97 | AZA         | AZO |
| LHC 207U 05      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 74.80       | 1.335 | 1.825        | 46.36 | AZB         | AZP |
| LHC 207U 06      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 66.60       | 1.190 | 1.998        | 50.75 | AZC         | AZQ |
| LHC 207U 07      |                  |       |                          |       |               |      |                            |         | 5.500       | 139.70 | 60.10       | 1.073 | 2.171        | 55.13 | AZD         | AZR |
| LHC 207U 08      |                  |       |                          |       |               |      |                            |         | 6.000       | 152.40 | 54.70       | 0.977 | 2.343        | 59.52 | AZE         | AZR |
| LHC 250U 01      | 1.937            | 49.20 | 2.000                    | 50.80 | .250          | 6.35 | 300.59                     | 136.348 | 2.500       | 63.50  | 296.50      | 5.295 | 1.486        | 37.75 | AY          | AZR |
| LHC 250U 02      |                  |       |                          |       |               |      |                            |         | 3.000       | 76.20  | 237.20      | 4.236 | 1.733        | 44.01 | AZ          | AZR |
| LHC 250U 03      |                  |       |                          |       |               |      |                            |         | 3.500       | 88.90  | 197.70      | 3.531 | 1.979        | 50.27 | AZB         | AZS |
| LHC 250U 04      |                  |       |                          |       |               |      |                            |         | 4.000       | 101.60 | 169.40      | 3.025 | 2.226        | 56.54 | AZC         | AZS |
| LHC 250U 05      |                  |       |                          |       |               |      |                            |         | 4.500       | 114.30 | 148.20      | 2.647 | 2.472        | 62.80 | AZD         | AZS |
| LHC 250U 06      |                  |       |                          |       |               |      |                            |         | 5.000       | 127.00 | 131.80      | 2.354 | 2.719        | 69.06 | AZE         | AZT |
| LHC 250U 07      |                  |       |                          |       |               |      |                            |         | 5.500       | 139.70 | 118.60      | 2.118 | 2.965        | 75.32 | AZF         | AZT |
| LHC 250U 08      |                  |       |                          |       |               |      |                            |         | 6.000       | 152.40 | 107.81      | 1.925 | 3.212        | 81.59 | AZG         | AZT |

### SPECIAL INSTRUCTIONS FOR HEAVY DUTY COMPRESSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless; "S316" for Type 316 Stainless.

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load at Solid Hgt. are for Music Wire. For Type 302 or Type 316 Stainless, multiply figures shown by 5/6 (.833).

\*Note: Type 302 may be substituted with Type 304 at Lee Spring's discretion.

# High Pressure Compression Series

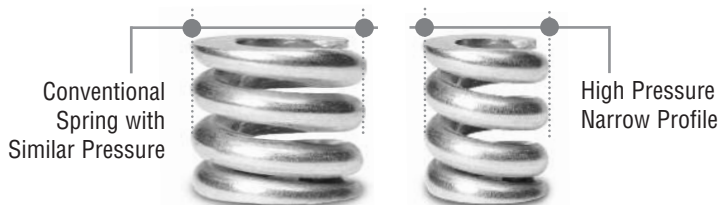
## High Spring Rates in a Narrow Profile



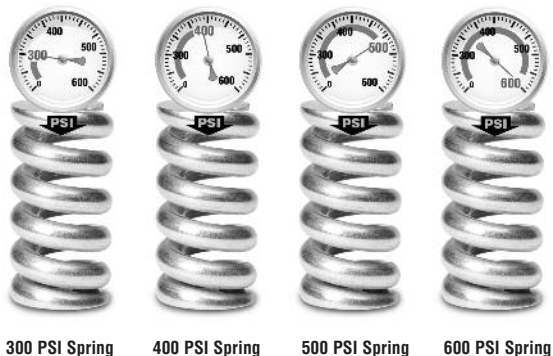
High Pressure Compression Springs are a series of slender low index compression springs with relatively high pressure ratings compared to standard compression springs.

Designed to fit in small holes from 1/8" to 2" and preset to solid height. The High Pressure Series is made of 17-7 Stainless Steel with precipitation hardening heat treatment, shot peened and passivated.

### Same Pressure in a Narrow Profile



### High Load Capacities and Rated to Four Pressures



300 PSI Spring    400 PSI Spring    500 PSI Spring    600 PSI Spring

### How Pressure Rating For LHP Series Would Be Used

The pressure rating assigned to each item of the High Pressure Series is a selection parameter to assist in meeting qualitative requirements or quantitative requirements.

### Applications

LHP series springs are ideal for high working loads in short deflections, for example safety relief valves and check valves in fluid power applications, ball plungers, electrical contacts, switches, vise clamps, quick change tools, toys, and production line fittings or accessories.



Lee Spring can manufacture custom high pressure compression springs to your specifications. Contact us today!

# High Pressure Compression Series

## Guide to using tables

**Lee Stock Number:**  
Lee Spring Part Number.

**To Work in Hole Diameter:**  
Suggested minimum hole size if needed for spring containment.

**Wire Diameter:**  
In ascending order of size, within each group of outside diameters.

**Approx. Load at Solid Height:**  
The load or force required to bring all coils into contact.

**Spring Rate:**  
Change in load or force per unit of deflection.

**Price Group:**  
Reference for price list.

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |      | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|------|--------------------------|------|---------------------------|------|---------------|------|---------------------------|------|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.                       | MM   | IN.           | MM   | PSI                       | kPa  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LHP 020A 01S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.250       | 6.35  | 42.87       | 0.766 | 0.143        | 3.63  | T           |
| LHP 020A 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.375       | 9.53  | 26.87       | 0.480 | 0.204        | 5.18  | T           |
| LHP 020A 03S     | 0.120            | 3.05 | 0.125                    | 3.18 | 0.063                     | 1.59 | 0.020         | 0.51 | 300                       | 2068 | 4.59                       | 2.082 | 0.500       | 12.70 | 19.57       | 0.349 | 0.265        | 6.73  | T           |
| LHP 020A 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 12.68       | 0.226 | 0.388        | 9.86  | T           |
| LHP 020A 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 9.38        | 0.168 | 0.510        | 12.95 | T           |
| LHP 020A 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 7.44        | 0.133 | 0.632        | 16.05 | U           |

**Outside Diameter:**  
Spring outer diameter, parts listed in ascending order.

**To Work Over Rod Diameter:**  
Suggested maximum rod size if needed to guide the inside of the spring.

**Pressure @ 80% Deflection:**  
The nominal pressure occurring at 80% of total available deflection.

**Free Length:**  
The overall height of a spring in the unloaded position.

**Solid Height:**  
Length when fully compressed.

### RELATIONSHIP TO FLUID PRESSURE

The pressure ratings used for High Pressure Series springs have no **direct** relationship with "pressure" as traditionally used in the fluid power industry, although indirectly the pressure ratings are conceptually equivalent.

Fluid pressure would be the result of a spring force acting over the specific area exposed to the fluid and would depend on other application components such as the valve face or the piston head.

### PRESSURE CALCULATION EXAMPLE

Catalog spring **LHP 072E 04S** has the following characteristics:

**Nominal Hole:** 0.375 inch

**Free Length:** 1.000 inch

**Solid Height:** 0.673 inch

**Spring Rate:** 210.75 lbs/inch

- The maximum recommended pressure for this spring will occur when the spring is at **80%** of **maximum available deflection** (it is not generally recommended to use a compression spring all the way down to solid height).
- The **maximum available deflection** is the difference between the Free Length (1.000) and the Solid Height (0.673) or  $1.000 - 0.673 = 0.327$  inch.

- 80% of that would be  $0.327 \times 80\% = 0.262$  inch.
- The calculated load at this deflection would be the deflection (0.262) times the Spring Rate (210.75) or  $0.262 \text{ inch} \times 210.75 \text{ lbs/inch} = 55.217 \text{ lbs}$ .
- The surface area over the Nominal Hole diameter (0.375) would be  $\pi (\pi) \text{ times the diameter squared divided by four or } \pi (\pi) \times (0.375)^2 / 4 = 0.1104 \text{ in}^2$ .
- The resultant pressure would then be determined by dividing the calculated load by the surface area or  $55.217 \text{ lbs} / 0.1104 \text{ in}^2 = 500 \text{ lb/in}^2 \text{ (psi)}$ .

### MATERIAL

- 17-7 PH Stainless Steel

### FINISH

- Passivated per ASTM A967

**Tolerances on Spring Rate:**  $\pm 10\%$

**Tolerances on Outside Diameter:** See Compression Diameters Table on page 5.

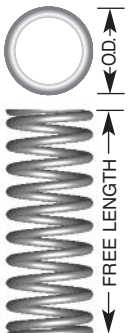
For additional information, pricing, availability, and technical support please contact Lee Spring by calling +91 80 49376666 or by email at [india-sales@leespring.com](mailto:india-sales@leespring.com)

# COMPRESSION SPRINGS: HIGH PRESSURE SERIES (INCH)

ENDS ARE GROUND • Type 17-7 PH Stainless Steel (Shotpeened, Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |      | APPROX. LOAD AT SOLID HGT. |      | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|------|--------------------------|------|---------------------------|------|---------------|------|---------------------------|------|----------------------------|------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.                       | MM   | IN.           | MM   | PSI                       | kPa  | LB.                        | KG   | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LHP 020A 01S     | 0.120            | 3.05 | 0.125                    | 3.18 | 0.063                     | 1.59 | 0.020         | 0.51 | 300                       | 2068 | 4.59                       | 2.08 | 0.250       | 6.35  | 42.87       | 0.77  | 0.143        | 3.63  | T           |
| LHP 020A 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.375       | 9.53  | 26.87       | 0.48  | 0.204        | 5.18  | T           |
| LHP 020A 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.500       | 12.70 | 19.57       | 0.35  | 0.265        | 6.73  | T           |
| LHP 020A 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.750       | 19.05 | 12.68       | 0.23  | 0.388        | 9.86  | T           |
| LHP 020A 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 1.000       | 25.40 | 9.38        | 0.17  | 0.510        | 12.95 | T           |
| LHP 020A 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 1.250       | 31.75 | 7.44        | 0.13  | 0.632        | 16.05 | U           |
| LHP 022A 01S     | 0.120            | 3.05 | 0.125                    | 3.18 | 0.063                     | 1.59 | 0.022         | 0.56 | 400                       | 2758 | 6.12                       | 2.78 | 0.250       | 6.35  | 66.33       | 1.18  | 0.158        | 4.01  | T           |
| LHP 022A 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.375       | 9.53  | 41.28       | 0.74  | 0.227        | 5.77  | T           |
| LHP 022A 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.500       | 12.70 | 29.97       | 0.54  | 0.296        | 7.52  | T           |
| LHP 022A 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.750       | 19.05 | 19.36       | 0.35  | 0.433        | 11.00 | U           |
| LHP 022A 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 1.000       | 25.40 | 14.29       | 0.26  | 0.571        | 14.50 | U           |
| LHP 022A 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 1.250       | 31.75 | 11.33       | 0.20  | 0.709        | 18.01 | W           |
| LHP 023A 01S     | 0.120            | 3.05 | 0.125                    | 3.18 | 0.063                     | 1.59 | 0.023         | 0.58 | 500                       | 3447 | 7.66                       | 3.47 | 0.250       | 6.35  | 85.13       | 1.52  | 0.160        | 4.06  | T           |
| LHP 023A 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.375       | 9.53  | 52.79       | 0.94  | 0.230        | 5.84  | T           |
| LHP 023A 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.500       | 12.70 | 38.25       | 0.68  | 0.300        | 7.62  | T           |
| LHP 023A 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.750       | 19.05 | 24.67       | 0.44  | 0.440        | 11.18 | U           |
| LHP 023A 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 1.000       | 25.40 | 18.20       | 0.33  | 0.579        | 14.71 | U           |
| LHP 023A 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 1.250       | 31.75 | 14.42       | 0.26  | 0.719        | 18.26 | W           |
| LHP 024A 01S     | 0.120            | 3.05 | 0.125                    | 3.18 | 0.063                     | 1.59 | 0.024         | 0.61 | 600                       | 4136 | 9.20                       | 4.17 | 0.500       | 12.70 | 47.74       | 0.85  | 0.307        | 7.80  | U           |
| LHP 024A 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.625       | 15.88 | 37.40       | 0.67  | 0.379        | 9.63  | U           |
| LHP 024A 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.750       | 19.05 | 30.74       | 0.55  | 0.451        | 11.46 | W           |
| LHP 024A 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 1.000       | 25.40 | 22.67       | 0.40  | 0.594        | 15.09 | W           |
| LHP 024A 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 1.250       | 31.75 | 17.95       | 0.32  | 0.737        | 18.72 | X           |
| LHP 024A 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 1.500       | 38.10 | 14.86       | 0.27  | 0.881        | 22.38 | Y           |
| LHP 030B 01S     | 0.180            | 4.57 | 0.188                    | 4.76 | 0.094                     | 2.38 | 0.030         | 0.76 | 300                       | 2068 | 10.29                      | 4.67 | 0.313       | 7.95  | 79.84       | 1.43  | 0.184        | 4.67  | T           |
| LHP 030B 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.375       | 9.53  | 64.12       | 1.15  | 0.214        | 5.44  | T           |
| LHP 030B 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.500       | 12.70 | 45.91       | 0.82  | 0.276        | 7.01  | T           |
| LHP 030B 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.750       | 19.05 | 29.27       | 0.52  | 0.398        | 10.11 | T           |
| LHP 030B 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.875       | 22.23 | 24.78       | 0.44  | 0.459        | 11.66 | T           |
| LHP 030B 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 1.000       | 25.40 | 21.49       | 0.38  | 0.521        | 13.23 | U           |
| LHP 033B 01S     | 0.180            | 4.57 | 0.188                    | 4.76 | 0.094                     | 2.38 | 0.033         | 0.84 | 400                       | 2758 | 13.73                      | 6.23 | 0.313       | 7.95  | 124.18      | 2.22  | 0.202        | 5.13  | T           |
| LHP 033B 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.375       | 9.53  | 99.26       | 1.77  | 0.237        | 6.02  | T           |
| LHP 033B 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.500       | 12.70 | 70.67       | 1.26  | 0.306        | 7.77  | T           |
| LHP 033B 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.750       | 19.05 | 44.84       | 0.80  | 0.444        | 11.28 | U           |
| LHP 033B 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.875       | 22.23 | 37.91       | 0.68  | 0.513        | 13.03 | U           |
| LHP 033B 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 1.000       | 25.40 | 32.84       | 0.59  | 0.582        | 14.78 | W           |
| LHP 036B 01S     | 0.180            | 4.57 | 0.188                    | 4.76 | 0.094                     | 2.38 | 0.036         | 0.91 | 500                       | 3447 | 17.16                      | 7.78 | 0.313       | 7.95  | 186.76      | 3.34  | 0.221        | 5.61  | T           |
| LHP 036B 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.375       | 9.53  | 148.54      | 2.65  | 0.259        | 6.58  | T           |
| LHP 036B 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.500       | 12.70 | 105.16      | 1.88  | 0.337        | 8.56  | T           |
| LHP 036B 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.750       | 19.05 | 66.39       | 1.19  | 0.491        | 12.47 | U           |
| LHP 036B 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 0.875       | 22.23 | 56.05       | 1.00  | 0.569        | 14.45 | U           |
| LHP 036B 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |      | 1.000       | 25.40 | 48.50       | 0.87  | 0.646        | 16.41 | W           |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR HIGH PRESSURE COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Approx. Load at Solid Hgt. are pre-calculated for Type 17-7 PH Stainless Steel.

# COMPRESSION SPRINGS: HIGH PRESSURE SERIES (INCH)

ENDS ARE GROUND • Type 17-7 PH Stainless Steel (Shotpeened, Passivated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |      | TO WORK IN HOLE DIAMETER |      | TO WORK OVER ROD DIAMETER |      | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |      | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|------|--------------------------|------|---------------------------|------|---------------|------|---------------------------|------|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM   | IN.                      | MM   | IN.                       | MM   | IN.           | MM   | PSI                       | kPa  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LHP 038B 01S     | 0.180            | 4.57 | 0.188                    | 4.76 | 0.094                     | 2.38 | 0.038         | 0.97 | 600                       | 4136 | 20.59                      | 9.34  | 0.313       | 7.95  | 247.46      | 4.42  | 0.230        | 5.84  | U           |
| LHP 038B 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.375       | 9.53  | 196.15      | 3.50  | 0.270        | 6.86  | U           |
| LHP 038B 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.500       | 12.70 | 138.32      | 2.47  | 0.351        | 8.92  | U           |
| LHP 038B 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 87.02       | 1.55  | 0.513        | 13.03 | W           |
| LHP 038B 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.875       | 22.23 | 73.40       | 1.31  | 0.594        | 15.09 | W           |
| LHP 038B 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 63.47       | 1.13  | 0.675        | 17.15 | X           |
| LHP 041C 01S     | 0.240            | 6.10 | 0.250                    | 6.35 | 0.125                     | 3.18 | 0.041         | 1.04 | 300                       | 2068 | 18.38                      | 8.34  | 0.313       | 7.95  | 167.20      | 2.99  | 0.203        | 5.16  | U           |
| LHP 041C 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.375       | 9.53  | 131.82      | 2.35  | 0.236        | 5.99  | U           |
| LHP 041C 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.500       | 12.70 | 92.40       | 1.65  | 0.301        | 7.65  | W           |
| LHP 041C 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 57.82       | 1.03  | 0.432        | 10.97 | W           |
| LHP 041C 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 42.07       | 0.75  | 0.563        | 14.30 | W           |
| LHP 041C 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 33.07       | 0.59  | 0.694        | 17.63 | W           |
| LHP 045C 01S     | 0.240            | 6.10 | 0.250                    | 6.35 | 0.125                     | 3.18 | 0.045         | 1.14 | 400                       | 2758 | 24.51                      | 11.12 | 0.313       | 7.95  | 263.51      | 4.71  | 0.220        | 5.59  | U           |
| LHP 045C 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.375       | 9.53  | 206.18      | 3.68  | 0.256        | 6.50  | U           |
| LHP 045C 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.500       | 12.70 | 143.32      | 2.56  | 0.329        | 8.36  | W           |
| LHP 045C 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 89.03       | 1.59  | 0.475        | 12.07 | W           |
| LHP 045C 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 64.57       | 1.15  | 0.620        | 15.75 | W           |
| LHP 045C 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 50.66       | 0.90  | 0.766        | 19.46 | X           |
| LHP 049C 01S     | 0.240            | 6.10 | 0.250                    | 6.35 | 0.125                     | 3.18 | 0.049         | 1.24 | 500                       | 3447 | 30.59                      | 13.88 | 0.313       | 7.95  | 401.96      | 7.18  | 0.237        | 6.02  | Y           |
| LHP 049C 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.375       | 9.53  | 311.99      | 5.57  | 0.277        | 7.04  | Y           |
| LHP 049C 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.500       | 12.70 | 214.98      | 3.84  | 0.358        | 9.09  | Y           |
| LHP 049C 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 132.55      | 2.37  | 0.519        | 13.18 | Z           |
| LHP 049C 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 95.81       | 1.71  | 0.680        | 17.27 | Z           |
| LHP 049C 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 75.02       | 1.34  | 0.842        | 21.39 | AA          |
| LHP 051C 01S     | 0.240            | 6.10 | 0.250                    | 6.35 | 0.125                     | 3.18 | 0.051         | 1.30 | 600                       | 4136 | 36.81                      | 16.70 | 0.500       | 12.70 | 269.06      | 4.80  | 0.363        | 9.22  | Z           |
| LHP 051C 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.625       | 15.88 | 204.75      | 3.66  | 0.445        | 11.30 | Z           |
| LHP 051C 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 165.26      | 2.95  | 0.527        | 13.39 | AA          |
| LHP 051C 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 119.25      | 2.13  | 0.691        | 17.55 | AA          |
| LHP 051C 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 93.28       | 1.67  | 0.855        | 21.72 | AB          |
| LHP 051C 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.500       | 38.10 | 76.60       | 1.37  | 1.019        | 25.88 | AC          |
| LHP 051D 01S     | 0.300            | 7.62 | 0.313                    | 7.94 | 0.156                     | 3.97 | 0.051         | 1.30 | 300                       | 2068 | 28.85                      | 13.09 | 0.375       | 9.53  | 218.26      | 3.90  | 0.243        | 6.17  | W           |
| LHP 051D 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.500       | 12.70 | 149.71      | 2.67  | 0.307        | 7.80  | X           |
| LHP 051D 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 91.95       | 1.64  | 0.436        | 11.07 | Y           |
| LHP 051D 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 66.35       | 1.18  | 0.565        | 14.35 | Y           |
| LHP 051D 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 51.90       | 0.93  | 0.694        | 17.63 | Z           |
| LHP 051D 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.500       | 38.10 | 42.62       | 0.76  | 0.823        | 20.90 | Z           |
| LHP 056D 01S     | 0.300            | 7.62 | 0.313                    | 7.94 | 0.156                     | 3.97 | 0.056         | 1.42 | 400                       | 2758 | 38.47                      | 17.45 | 0.375       | 9.53  | 344.49      | 6.15  | 0.263        | 6.68  | X           |
| LHP 056D 02S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.500       | 12.70 | 233.51      | 4.17  | 0.335        | 8.51  | X           |
| LHP 056D 03S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 142.01      | 2.54  | 0.479        | 12.17 | Y           |
| LHP 056D 04S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 102.03      | 1.82  | 0.623        | 15.82 | Z           |
| LHP 056D 05S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 79.61       | 1.42  | 0.767        | 19.48 | Z           |
| LHP 056D 06S     |                  |      |                          |      |                           |      |               |      |                           |      |                            |       | 1.500       | 38.10 | 65.27       | 1.17  | 0.911        | 23.14 | AA          |

## SPECIAL INSTRUCTIONS FOR HIGH PRESSURE COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

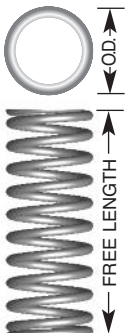
**CALCULATIONS:** Spring Rate and Approx. Load at Solid Hgt. are pre-calculated for Type 17-7 PH Stainless Steel.

# COMPRESSION SPRINGS: HIGH PRESSURE SERIES (INCH)

ENDS ARE GROUND • Type 17-7 PH Stainless Steel (Shotpeened, Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |      | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |      | APPROX. LOAD AT SOLID HGT. |       | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|------|---------------|------|---------------------------|------|----------------------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.                       | MM   | IN.           | MM   | PSI                       | kPa  | LB.                        | KG    | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LHP 060D 01S     | 0.300            | 7.62  | 0.313                    | 7.94  | 0.156                     | 3.97 | 0.060         | 1.52 | 500                       | 3447 | 48.09                      | 21.81 | 0.375       | 9.53  | 491.90      | 8.78  | 0.277        | 7.04  | Z           |
| LHP 060D 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 0.500       | 12.70 | 330.09      | 5.89  | 0.354        | 8.99  | Z           |
| LHP 060D 03S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 199.10      | 3.56  | 0.508        | 12.90 | AA          |
| LHP 060D 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 142.54      | 2.55  | 0.663        | 16.84 | AB          |
| LHP 060D 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 111.00      | 1.98  | 0.817        | 20.75 | AB          |
| LHP 060D 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.500       | 38.10 | 90.89       | 1.62  | 0.971        | 24.66 | AC          |
| LHP 063D 01S     | 0.300            | 7.62  | 0.313                    | 7.94  | 0.156                     | 3.97 | 0.063         | 1.59 | 600                       | 4136 | 57.70                      | 26.17 | 0.375       | 9.53  | 622.37      | 11.11 | 0.282        | 7.16  | AA          |
| LHP 063D 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 0.500       | 12.70 | 414.91      | 7.41  | 0.361        | 9.17  | AA          |
| LHP 063D 03S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 248.95      | 4.45  | 0.518        | 13.16 | AB          |
| LHP 063D 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 177.82      | 3.18  | 0.675        | 17.15 | AC          |
| LHP 063D 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 138.30      | 2.47  | 0.833        | 21.16 | AC          |
| LHP 063D 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.500       | 38.10 | 113.16      | 2.02  | 0.990        | 25.15 | AD          |
| LHP 063E 01S     | 0.360            | 9.14  | 0.375                    | 9.53  | 0.188                     | 4.76 | 0.063         | 1.59 | 300                       | 2068 | 41.34                      | 18.75 | 0.375       | 9.53  | 364.88      | 6.52  | 0.262        | 6.65  | W           |
| LHP 063E 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 0.500       | 12.70 | 243.25      | 4.34  | 0.330        | 8.38  | X           |
| LHP 063E 03S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 145.95      | 2.61  | 0.467        | 11.86 | Y           |
| LHP 063E 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 104.25      | 1.86  | 0.603        | 15.32 | Y           |
| LHP 063E 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 81.08       | 1.45  | 0.740        | 18.80 | Z           |
| LHP 063E 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.500       | 38.10 | 66.34       | 1.18  | 0.876        | 22.25 | Z           |
| LHP 068E 01S     | 0.360            | 9.14  | 0.375                    | 9.53  | 0.188                     | 4.76 | 0.068         | 1.73 | 400                       | 2758 | 55.12                      | 25.00 | 0.375       | 9.53  | 567.03      | 10.13 | 0.278        | 7.06  | X           |
| LHP 068E 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 0.500       | 12.70 | 372.31      | 6.65  | 0.352        | 8.94  | X           |
| LHP 068E 03S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 220.72      | 3.94  | 0.500        | 12.70 | Y           |
| LHP 068E 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 156.85      | 2.80  | 0.648        | 16.46 | Z           |
| LHP 068E 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 121.65      | 2.17  | 0.797        | 20.24 | Z           |
| LHP 068E 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.500       | 38.10 | 99.35       | 1.77  | 0.945        | 24.00 | AA          |
| LHP 072E 01S     | 0.360            | 9.14  | 0.375                    | 9.53  | 0.188                     | 4.76 | 0.072         | 1.83 | 500                       | 3447 | 68.87                      | 31.24 | 0.375       | 9.53  | 780.97      | 13.95 | 0.287        | 7.29  | Z           |
| LHP 072E 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 0.500       | 12.70 | 506.75      | 9.05  | 0.364        | 9.25  | Z           |
| LHP 072E 03S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 297.70      | 5.32  | 0.519        | 13.18 | AA          |
| LHP 072E 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 210.75      | 3.76  | 0.673        | 17.09 | AB          |
| LHP 072E 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 163.11      | 2.91  | 0.827        | 21.01 | AB          |
| LHP 072E 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.500       | 38.10 | 133.04      | 2.38  | 0.982        | 24.94 | AC          |
| LHP 075E 01S     | 0.360            | 9.14  | 0.375                    | 9.53  | 0.188                     | 4.76 | 0.075         | 1.91 | 600                       | 4136 | 82.83                      | 37.57 | 0.625       | 15.88 | 471.13      | 8.41  | 0.449        | 11.40 | AB          |
| LHP 075E 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 372.98      | 6.66  | 0.528        | 13.41 | AC          |
| LHP 075E 03S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 263.28      | 4.70  | 0.685        | 17.40 | AD          |
| LHP 075E 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 203.44      | 3.63  | 0.843        | 21.41 | AD          |
| LHP 075E 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.500       | 38.10 | 165.77      | 2.96  | 1.000        | 25.40 | AE          |
| LHP 075E 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.750       | 44.45 | 139.87      | 2.50  | 1.158        | 29.41 | AG          |
| LHP 085G 01S     | 0.480            | 12.19 | 0.500                    | 12.70 | 0.250                     | 6.35 | 0.085         | 2.16 | 300                       | 2068 | 73.49                      | 33.34 | 0.438       | 11.13 | 644.12      | 11.50 | 0.324        | 8.23  | AD          |
| LHP 085G 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 0.500       | 12.70 | 523.10      | 9.34  | 0.360        | 9.14  | AD          |
| LHP 085G 03S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 0.750       | 19.05 | 297.63      | 5.32  | 0.503        | 12.78 | AE          |
| LHP 085G 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.000       | 25.40 | 207.98      | 3.71  | 0.646        | 16.41 | AG          |
| LHP 085G 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.250       | 31.75 | 159.84      | 2.85  | 0.790        | 20.07 | AG          |
| LHP 085G 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |       | 1.500       | 38.10 | 129.79      | 2.32  | 0.933        | 23.70 | AJ          |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR HIGH PRESSURE COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Approx. Load at Solid Hgt. are pre-calculated for Type 17-7 PH Stainless Steel.

# COMPRESSION SPRINGS: HIGH PRESSURE SERIES (INCH)

ENDS ARE GROUND • Type 17-7 PH Stainless Steel (Shotpeened, Passivated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |      | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|------|---------------|------|---------------------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.                       | MM   | IN.           | MM   | PSI                       | kPa  | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LHP 091G 01S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 0.438       | 11.13 | 974.79      | 17.41 | 0.338        | 8.59  | AD          |
| LHP 091G 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 0.500       | 12.70 | 784.13      | 14.00 | 0.375        | 9.53  | AD          |
| LHP 091G 03S     | 0.480            | 12.19 | 0.500                    | 12.70 | 0.250                     | 6.35 | 0.092         | 2.32 | 400                       | 2758 | 97.91                      | 44.41  | 0.750       | 19.05 | 438.40      | 7.83  | 0.527        | 13.39 | AE          |
| LHP 091G 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.000       | 25.40 | 304.25      | 5.43  | 0.678        | 17.22 | AG          |
| LHP 091G 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.250       | 31.75 | 232.96      | 4.16  | 0.829        | 21.06 | AG          |
| LHP 091G 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.500       | 38.10 | 188.74      | 3.37  | 0.980        | 24.89 | AJ          |
| LHP 098G 01S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 0.438       | 11.13 | 1428.46     | 25.51 | 0.353        | 8.97  | AG          |
| LHP 098G 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 0.500       | 12.70 | 1137.13     | 20.31 | 0.393        | 9.98  | AG          |
| LHP 098G 03S     | 0.480            | 12.19 | 0.500                    | 12.70 | 0.250                     | 6.35 | 0.098         | 2.49 | 500                       | 3447 | 122.18                     | 55.42  | 0.750       | 19.05 | 623.98      | 11.14 | 0.554        | 14.07 | AG          |
| LHP 098G 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.000       | 25.40 | 429.96      | 7.68  | 0.715        | 18.16 | AJ          |
| LHP 098G 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.250       | 31.75 | 327.98      | 5.86  | 0.876        | 22.25 | AK          |
| LHP 098G 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.500       | 38.10 | 265.10      | 4.73  | 1.038        | 26.37 | AL          |
| LHP 105G 01S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 0.750       | 19.05 | 888.96      | 15.88 | 0.584        | 14.83 | AL          |
| LHP 105G 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.000       | 25.40 | 607.65      | 10.85 | 0.758        | 19.25 | AL          |
| LHP 105G 03S     | 0.480            | 12.19 | 0.500                    | 12.70 | 0.250                     | 6.35 | 0.105         | 2.67 | 600                       | 4136 | 147.26                     | 66.80  | 1.250       | 31.75 | 461.58      | 8.24  | 0.931        | 23.65 | AM          |
| LHP 105G 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.500       | 38.10 | 372.12      | 6.65  | 1.104        | 28.04 | AN          |
| LHP 105G 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.750       | 44.45 | 311.71      | 5.57  | 1.278        | 32.46 | AO          |
| LHP 105G 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 2.000       | 50.80 | 268.18      | 4.79  | 1.451        | 36.86 | AP          |
| LHP 105H 01S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 0.500       | 12.70 | 895.65      | 15.99 | 0.372        | 9.45  | AJ          |
| LHP 105H 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 0.750       | 19.05 | 480.99      | 8.59  | 0.511        | 12.98 | AL          |
| LHP 105H 03S     | 0.600            | 15.24 | 0.625                    | 15.88 | 0.313                     | 7.94 | 0.105         | 2.67 | 300                       | 2068 | 114.87                     | 52.11  | 1.000       | 25.40 | 328.78      | 5.87  | 0.651        | 16.54 | AL          |
| LHP 105H 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.250       | 31.75 | 249.75      | 4.46  | 0.790        | 20.07 | AM          |
| LHP 105H 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.500       | 38.10 | 201.35      | 3.60  | 0.929        | 23.60 | AN          |
| LHP 105H 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.750       | 44.45 | 168.66      | 3.01  | 1.068        | 27.13 | AO          |
| LHP 115H 01S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 0.500       | 12.70 | 1465.99     | 26.18 | 0.396        | 10.06 | AM          |
| LHP 115H 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 0.750       | 19.05 | 761.19      | 13.59 | 0.549        | 13.94 | AN          |
| LHP 115H 03S     | 0.600            | 15.24 | 0.625                    | 15.88 | 0.313                     | 7.94 | 0.115         | 2.92 | 400                       | 2758 | 153.11                     | 69.45  | 1.000       | 25.40 | 514.05      | 9.18  | 0.702        | 17.83 | AO          |
| LHP 115H 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.250       | 31.75 | 388.06      | 6.93  | 0.855        | 21.72 | AP          |
| LHP 115H 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.500       | 38.10 | 311.67      | 5.57  | 1.008        | 25.60 | AR          |
| LHP 115H 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.750       | 44.45 | 260.41      | 4.65  | 1.161        | 29.49 | AS          |
| LHP 125H 01S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 0.500       | 12.70 | 2333.14     | 41.67 | 0.418        | 10.62 | AO          |
| LHP 125H 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 0.750       | 19.05 | 1166.57     | 20.83 | 0.586        | 14.88 | AP          |
| LHP 125H 03S     | 0.600            | 15.24 | 0.625                    | 15.88 | 0.313                     | 7.94 | 0.125         | 3.18 | 500                       | 3447 | 191.38                     | 86.81  | 1.000       | 25.40 | 777.71      | 13.89 | 0.754        | 19.15 | AR          |
| LHP 125H 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.250       | 31.75 | 583.28      | 10.42 | 0.922        | 23.42 | AS          |
| LHP 125H 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.500       | 38.10 | 466.63      | 8.33  | 1.090        | 27.69 | AT          |
| LHP 125H 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.750       | 44.45 | 388.86      | 6.94  | 1.257        | 31.93 | AU          |
| LHP 130H 01S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 0.750       | 19.05 | 1473.11     | 26.31 | 0.594        | 15.09 | AS          |
| LHP 130H 02S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.000       | 25.40 | 975.44      | 17.42 | 0.764        | 19.41 | AT          |
| LHP 130H 03S     | 0.600            | 15.24 | 0.625                    | 15.88 | 0.313                     | 7.94 | 0.130         | 3.30 | 600                       | 4136 | 230.09                     | 104.37 | 1.250       | 31.75 | 729.12      | 13.02 | 0.934        | 23.72 | AU          |
| LHP 130H 04S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.500       | 38.10 | 582.12      | 10.40 | 1.105        | 28.07 | AW          |
| LHP 130H 05S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 1.750       | 44.45 | 484.45      | 8.65  | 1.275        | 32.39 | AX          |
| LHP 130H 06S     |                  |       |                          |       |                           |      |               |      |                           |      |                            |        | 2.000       | 50.80 | 414.84      | 7.41  | 1.445        | 36.70 | AY          |

## SPECIAL INSTRUCTIONS FOR HIGH PRESSURE COMPRESSION SERIES

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

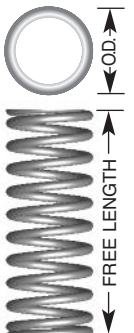
**CALCULATIONS:** Spring Rate and Approx. Load at Solid Hgt. are pre-calculated for Type 17-7 PH Stainless Steel.

# COMPRESSION SPRINGS: HIGH PRESSURE SERIES (INCH)

ENDS ARE GROUND • Type 17-7 PH Stainless Steel (Shotpeened, Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|---------------|------|---------------------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.                       | MM    | IN.           | MM   | PSI                       | kPa  | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LHP 130J 01S     | 0.720            | 18.29 | 0.750                    | 19.05 | 0.375                     | 9.53  | 0.130         | 3.30 | 300                       | 2068 | 165.10                     | 74.89  | 0.625       | 15.88 | 1134.93     | 20.27 | 0.480        | 12.19 | AO          |
| LHP 130J 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 0.750       | 19.05 | 845.41      | 15.10 | 0.555        | 14.10 | AS          |
| LHP 130J 03S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.000       | 25.40 | 559.80      | 10.00 | 0.705        | 17.91 | AS          |
| LHP 130J 04S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.250       | 31.75 | 418.43      | 7.47  | 0.855        | 21.72 | AS          |
| LHP 130J 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.500       | 38.10 | 334.07      | 5.97  | 1.005        | 25.53 | AT          |
| LHP 130J 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.750       | 44.45 | 278.02      | 4.96  | 1.155        | 29.34 | AU          |
| LHP 142J 01S     | 0.720            | 18.29 | 0.750                    | 19.05 | 0.375                     | 9.53  | 0.142         | 3.61 | 400                       | 2758 | 220.51                     | 100.02 | 0.625       | 15.88 | 1853.39     | 33.10 | 0.506        | 12.85 | AP          |
| LHP 142J 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 0.750       | 19.05 | 1356.24     | 24.22 | 0.588        | 14.94 | AS          |
| LHP 142J 03S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.000       | 25.40 | 882.69      | 15.76 | 0.750        | 19.05 | AS          |
| LHP 142J 04S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.250       | 31.75 | 654.25      | 11.68 | 0.913        | 23.19 | AT          |
| LHP 142J 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.500       | 38.10 | 519.74      | 9.28  | 1.075        | 27.31 | AU          |
| LHP 142J 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.750       | 44.45 | 431.11      | 7.70  | 1.238        | 31.45 | AW          |
| LHP 156J 01S     | 0.720            | 18.29 | 0.750                    | 19.05 | 0.375                     | 9.53  | 0.156         | 3.96 | 500                       | 3447 | 275.24                     | 124.85 | 0.625       | 15.88 | 3144.43     | 56.15 | 0.538        | 13.67 | AW          |
| LHP 156J 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 0.750       | 19.05 | 2247.05     | 40.13 | 0.628        | 15.95 | AX          |
| LHP 156J 03S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.000       | 25.40 | 1430.53     | 25.55 | 0.807        | 20.50 | AY          |
| LHP 156J 04S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.250       | 31.75 | 1049.26     | 18.74 | 0.987        | 25.07 | AY          |
| LHP 156J 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.500       | 38.10 | 828.46      | 14.79 | 1.167        | 29.64 | AZ          |
| LHP 156J 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.750       | 44.45 | 684.43      | 12.22 | 1.347        | 34.21 | AZA         |
| LHP 162J 01S     | 0.720            | 18.29 | 0.750                    | 19.05 | 0.375                     | 9.53  | 0.162         | 4.11 | 600                       | 4136 | 331.33                     | 150.29 | 0.875       | 22.23 | 2203.94     | 39.36 | 0.725        | 18.42 | AZ          |
| LHP 162J 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.000       | 25.40 | 1796.40     | 32.08 | 0.816        | 20.73 | AZ          |
| LHP 162J 03S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.250       | 31.75 | 1311.41     | 23.42 | 0.997        | 25.32 | AZ          |
| LHP 162J 04S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.500       | 38.10 | 1032.63     | 18.44 | 1.179        | 29.95 | AZA         |
| LHP 162J 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.750       | 44.45 | 851.59      | 15.21 | 1.361        | 34.57 | AZB         |
| LHP 162J 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.000       | 50.80 | 724.56      | 12.94 | 1.543        | 39.19 | AZC         |
| LHP 156K 01S     | 0.845            | 21.46 | 0.875                    | 22.23 | 0.438                     | 11.11 | 0.156         | 3.96 | 300                       | 2068 | 225.07                     | 102.09 | 0.750       | 19.05 | 1401.56     | 25.03 | 0.590        | 14.99 | AW          |
| LHP 156K 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.000       | 25.40 | 892.28      | 15.93 | 0.748        | 19.00 | AX          |
| LHP 156K 03S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.250       | 31.75 | 654.46      | 11.69 | 0.906        | 23.01 | AY          |
| LHP 156K 04S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.500       | 38.10 | 516.74      | 9.23  | 1.064        | 27.03 | AZ          |
| LHP 156K 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.750       | 44.45 | 426.90      | 7.62  | 1.222        | 31.04 | AZA         |
| LHP 156K 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.000       | 50.80 | 363.68      | 6.49  | 1.380        | 35.05 | AZA         |
| LHP 170K 01S     | 0.845            | 21.46 | 0.875                    | 22.23 | 0.438                     | 11.11 | 0.170         | 4.32 | 400                       | 2758 | 300.07                     | 136.11 | 0.750       | 19.05 | 2281.61     | 40.74 | 0.619        | 15.72 | AW          |
| LHP 170K 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.000       | 25.40 | 1417.36     | 25.31 | 0.788        | 20.02 | AX          |
| LHP 170K 03S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.250       | 31.75 | 1027.98     | 18.36 | 0.958        | 24.33 | AY          |
| LHP 170K 04S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.500       | 38.10 | 806.43      | 14.40 | 1.128        | 28.65 | AZA         |
| LHP 170K 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.750       | 44.45 | 663.45      | 11.85 | 1.297        | 32.94 | AZB         |
| LHP 170K 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.000       | 50.80 | 563.53      | 10.06 | 1.467        | 37.26 | AZB         |
| LHP 177K 01S     | 0.845            | 21.46 | 0.875                    | 22.23 | 0.438                     | 11.11 | 0.177         | 4.50 | 500                       | 3447 | 375.23                     | 170.20 | 0.750       | 19.05 | 2972.75     | 53.09 | 0.624        | 15.85 | AY          |
| LHP 177K 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.000       | 25.40 | 1822.30     | 32.54 | 0.794        | 20.17 | AZ          |
| LHP 177K 03S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.250       | 31.75 | 1313.85     | 23.46 | 0.964        | 24.49 | AZA         |
| LHP 177K 04S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.500       | 38.10 | 1027.23     | 18.34 | 1.135        | 28.83 | AZB         |
| LHP 177K 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.750       | 44.45 | 843.27      | 15.06 | 1.305        | 33.15 | AZC         |
| LHP 177K 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.000       | 50.80 | 715.19      | 12.77 | 1.475        | 37.47 | AZD         |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR HIGH PRESSURE COMPRESSION SERIES

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Approx. Load at Solid Hgt. are pre-calculated for Type 17-7 PH Stainless Steel.

# COMPRESSION SPRINGS: HIGH PRESSURE SERIES (INCH)

ENDS ARE GROUND • Type 17-7 PH Stainless Steel (Shotpeened, Passivated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | WIRE DIAMETER |      | PRESSURE @ 80% DEFLECTION |      | APPROX. LOAD AT SOLID HGT. |        | FREE LENGTH |       | SPRING RATE |       | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|---------------|------|---------------------------|------|----------------------------|--------|-------------|-------|-------------|-------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.                       | MM    | IN.           | MM   | PSI                       | kPa  | LB.                        | KG     | IN.         | MM    | LB/IN.      | KG/MM | IN.          | MM    |             |
| LHP 187K 01S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.000       | 25.40 | 2483.46     | 44.35 | 0.818        | 20.78 | AZB         |
| LHP 187K 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.250       | 31.75 | 1774.71     | 31.69 | 0.996        | 25.30 | AZC         |
| LHP 187K 03S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.500       | 38.10 | 1380.68     | 24.66 | 1.173        | 29.79 | AZD         |
| LHP 187K 04S     | 0.845            | 21.46 | 0.875                    | 22.23 | 0.438                     | 11.11 | 0.187         | 4.75 | 600                       | 4136 | 450.99                     | 204.57 | 1.750       | 44.45 | 1129.83     | 20.18 | 1.351        | 34.32 | AZE         |
| LHP 187K 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.000       | 50.80 | 956.12      | 17.07 | 1.528        | 38.81 | AZF         |
| LHP 187K 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.500       | 63.50 | 731.25      | 13.06 | 1.883        | 47.83 | AZH         |
| LHP 177L 01S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 0.750       | 19.05 | 1953.38     | 34.88 | 0.600        | 15.24 | AZ          |
| LHP 177L 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.000       | 25.40 | 1197.43     | 21.38 | 0.755        | 19.18 | AZA         |
| LHP 177L 03S     | 0.970            | 24.64 | 1.000                    | 25.40 | 0.500                     | 12.70 | 0.177         | 4.50 | 300                       | 2068 | 293.91                     | 133.32 | 1.250       | 31.75 | 863.33      | 15.42 | 0.909        | 23.09 | AZB         |
| LHP 177L 04S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.500       | 38.10 | 674.99      | 12.05 | 1.064        | 27.03 | AZC         |
| LHP 177L 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.750       | 44.45 | 554.11      | 9.90  | 1.219        | 30.96 | AZD         |
| LHP 177L 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.000       | 50.80 | 469.95      | 8.39  | 1.374        | 34.90 | AZE         |
| LHP 192L 01S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 0.750       | 19.05 | 3154.51     | 56.33 | 0.626        | 15.90 | AZD         |
| LHP 192L 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.000       | 25.40 | 1874.27     | 33.47 | 0.791        | 20.09 | AZE         |
| LHP 192L 03S     | 0.970            | 24.64 | 1.000                    | 25.40 | 0.500                     | 12.70 | 0.192         | 4.88 | 400                       | 2758 | 391.89                     | 177.76 | 1.250       | 31.75 | 1333.20     | 23.81 | 0.956        | 24.28 | AZF         |
| LHP 192L 04S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.500       | 38.10 | 1034.54     | 18.47 | 1.121        | 28.47 | AZG         |
| LHP 192L 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.750       | 44.45 | 845.20      | 15.09 | 1.286        | 32.66 | AZH         |
| LHP 192L 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.000       | 50.80 | 714.45      | 12.76 | 1.451        | 36.86 | AZH         |
| LHP 207L 01S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 0.750       | 19.05 | 4962.33     | 88.62 | 0.652        | 16.56 | AZE         |
| LHP 207L 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.000       | 25.40 | 2845.30     | 50.81 | 0.828        | 21.03 | AZF         |
| LHP 207L 03S     | 0.970            | 24.64 | 1.000                    | 25.40 | 0.500                     | 12.70 | 0.207         | 5.26 | 500                       | 3447 | 489.41                     | 222.00 | 1.250       | 31.75 | 1994.43     | 35.62 | 1.004        | 25.50 | AZG         |
| LHP 207L 04S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.500       | 38.10 | 1535.31     | 27.42 | 1.181        | 30.00 | AZH         |
| LHP 207L 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.750       | 44.45 | 1248.01     | 22.29 | 1.357        | 34.47 | AZJ         |
| LHP 207L 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.000       | 50.80 | 1051.29     | 18.77 | 1.534        | 38.96 | AZK         |
| LHP 218L 01S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.000       | 25.40 | 3867.03     | 69.06 | 0.848        | 21.54 | AZF         |
| LHP 218L 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.250       | 31.75 | 2679.37     | 47.85 | 1.030        | 26.16 | AZG         |
| LHP 218L 03S     | 0.970            | 24.64 | 1.000                    | 25.40 | 0.500                     | 12.70 | 0.218         | 5.54 | 600                       | 4136 | 589.04                     | 267.19 | 1.500       | 38.10 | 2049.82     | 36.61 | 1.213        | 30.81 | AZH         |
| LHP 218L 04S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.750       | 44.45 | 1659.82     | 29.64 | 1.395        | 35.43 | AZJ         |
| LHP 218L 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.000       | 50.80 | 1394.51     | 24.90 | 1.578        | 40.08 | AZK         |
| LHP 218L 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.500       | 63.50 | 1056.69     | 18.87 | 1.943        | 49.35 | AZL         |
| LHP 262P 01S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.250       | 31.75 | 2272.67     | 40.59 | 0.958        | 24.33 | AZK         |
| LHP 262P 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.500       | 38.10 | 1690.53     | 30.19 | 1.108        | 28.14 | AZL         |
| LHP 262P 03S     | 1.460            | 37.08 | 1.500                    | 38.10 | 0.875                     | 22.23 | 0.262         | 6.65 | 300                       | 2068 | 662.68                     | 300.59 | 1.750       | 44.45 | 1345.80     | 24.03 | 1.258        | 31.95 | AZM         |
| LHP 262P 04S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.000       | 50.80 | 1117.86     | 19.96 | 1.407        | 35.74 | AZN         |
| LHP 262P 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.500       | 63.50 | 835.00      | 14.91 | 1.706        | 43.33 | AZP         |
| LHP 262P 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 3.000       | 76.20 | 666.38      | 11.90 | 2.006        | 50.95 | AZR         |
| LHP 292P 01S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.250       | 31.75 | 4077.20     | 72.81 | 1.033        | 26.24 | AZL         |
| LHP 292P 02S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 1.500       | 38.10 | 2964.43     | 52.94 | 1.202        | 30.53 | AZM         |
| LHP 292P 03S     | 1.460            | 37.08 | 1.500                    | 38.10 | 0.813                     | 20.64 | 0.292         | 7.42 | 400                       | 2758 | 883.57                     | 400.79 | 1.750       | 44.45 | 2328.83     | 41.59 | 1.371        | 34.82 | AZN         |
| LHP 292P 04S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.000       | 50.80 | 1917.67     | 34.25 | 1.539        | 39.09 | AZO         |
| LHP 292P 05S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 2.500       | 63.50 | 1417.23     | 25.31 | 1.877        | 47.68 | AZQ         |
| LHP 292P 06S     |                  |       |                          |       |                           |       |               |      |                           |      |                            |        | 3.000       | 76.20 | 1123.93     | 20.07 | 2.214        | 56.24 | AZS         |

## SPECIAL INSTRUCTIONS FOR HIGH PRESSURE COMPRESSION SERIES

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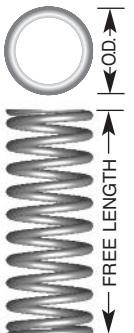
**CALCULATIONS:** Spring Rate and Approx. Load at Solid Hgt. are pre-calculated for Type 17-7 PH Stainless Steel.

# COMPRESSION SPRINGS: HIGH PRESSURE SERIES (INCH)

ENDS ARE GROUND • Type 17-7 PH Stainless Steel (Shotpeened, Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | WIRE DIAMETER |       | PRESSURE @ 80% DEFLECTION |      | APPROX. LOAD AT SOLID HGT. |         | FREE LENGTH |        | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|---------------|-------|---------------------------|------|----------------------------|---------|-------------|--------|-------------|--------|--------------|-------|-------------|
|                  | IN.              | MM    | IN.                      | MM    | IN.                       | MM    | IN.           | MM    | PSI                       | kPa  | LB.                        | KG      | IN.         | MM     | LB/IN.      | KG/MM  | IN.          | MM    |             |
| LHP 312P 01S     | 1.460            | 37.08 | 1.500                    | 38.10 | 0.750                     | 19.05 | 0.312         | 7.92  | 500                       | 3447 | 1104.46                    | 500.98  | 1.250       | 31.75  | 6056.48     | 108.16 | 1.068        | 27.13 | AZM         |
| LHP 312P 02S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 1.500       | 38.10  | 4328.03     | 77.29  | 1.245        | 31.62 | AZN         |
| LHP 312P 03S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 1.750       | 44.45  | 3367.10     | 60.13  | 1.422        | 36.12 | AZO         |
| LHP 312P 04S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 2.000       | 50.80  | 2755.35     | 49.21  | 1.599        | 40.61 | AZP         |
| LHP 312P 05S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 2.500       | 63.50  | 2020.98     | 36.09  | 1.953        | 49.61 | AZR         |
| LHP 312P 06S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 3.000       | 76.20  | 1595.69     | 28.50  | 2.308        | 58.62 | AZT         |
| LHP 331P 01S     | 1.460            | 37.08 | 1.500                    | 38.10 | 0.750                     | 19.05 | 0.331         | 8.41  | 600                       | 4136 | 1325.35                    | 601.18  | 1.500       | 38.10  | 6111.77     | 109.14 | 1.283        | 32.59 | AZO         |
| LHP 331P 02S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 1.750       | 44.45  | 4707.41     | 84.06  | 1.468        | 37.29 | AZP         |
| LHP 331P 03S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 2.000       | 50.80  | 3827.85     | 68.36  | 1.654        | 42.01 | AZQ         |
| LHP 331P 04S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 2.500       | 63.50  | 2786.54     | 49.76  | 2.024        | 51.41 | AZS         |
| LHP 331P 05S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 3.000       | 76.20  | 2190.62     | 39.12  | 2.395        | 60.83 | AZU         |
| LHP 331P 06S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 3.500       | 88.90  | 1804.67     | 32.23  | 2.766        | 70.26 | AZW         |
| LHP 362U 01S     | 1.937            | 49.20 | 2.000                    | 50.80 | 1.125                     | 28.58 | 0.362         | 9.19  | 300                       | 2068 | 1178.09                    | 534.38  | 1.500       | 38.10  | 4337.47     | 77.46  | 1.228        | 31.19 | AZP         |
| LHP 362U 02S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 1.750       | 44.45  | 3280.58     | 58.58  | 1.391        | 35.33 | AZQ         |
| LHP 362U 03S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 2.000       | 50.80  | 2637.84     | 47.11  | 1.553        | 39.45 | AZR         |
| LHP 362U 04S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 2.500       | 63.50  | 1895.20     | 33.84  | 1.878        | 47.70 | AZT         |
| LHP 362U 05S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 3.000       | 76.20  | 1478.86     | 26.41  | 2.203        | 55.96 | AZW         |
| LHP 362U 06S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 3.500       | 88.90  | 1212.49     | 21.65  | 2.528        | 64.21 | AZX         |
| LHP 375U 01S     | 1.937            | 49.20 | 2.000                    | 50.80 | 1.063                     | 26.99 | 0.375         | 9.53  | 400                       | 2758 | 1570.79                    | 712.51  | 1.500       | 38.10  | 5661.82     | 101.11 | 1.223        | 31.06 | AZQ         |
| LHP 375U 02S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 1.750       | 44.45  | 4246.36     | 75.83  | 1.380        | 35.05 | AZQ         |
| LHP 375U 03S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 2.000       | 50.80  | 3397.09     | 60.67  | 1.538        | 39.07 | AZR         |
| LHP 375U 04S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 2.500       | 63.50  | 2426.49     | 43.33  | 1.853        | 47.07 | AZT         |
| LHP 375U 05S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 3.000       | 76.20  | 1887.27     | 33.70  | 2.168        | 55.07 | AZW         |
| LHP 375U 06S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 3.500       | 88.90  | 1544.13     | 27.58  | 2.483        | 63.07 | AZX         |
| LHP 406U 01S     | 1.937            | 49.20 | 2.000                    | 50.80 | 1.000                     | 25.40 | 0.406         | 10.31 | 500                       | 3447 | 1963.49                    | 890.64  | 1.500       | 38.10  | 8997.46     | 160.68 | 1.282        | 32.56 | AZR         |
| LHP 406U 02S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 1.750       | 44.45  | 6599.42     | 117.85 | 1.452        | 36.88 | AZR         |
| LHP 406U 03S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 2.000       | 50.80  | 5210.65     | 93.05  | 1.623        | 41.22 | AZS         |
| LHP 406U 04S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 2.500       | 63.50  | 3667.21     | 65.49  | 1.965        | 49.91 | AZU         |
| LHP 406U 05S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 3.000       | 76.20  | 2829.18     | 50.52  | 2.306        | 58.57 | AZX         |
| LHP 406U 06S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 3.500       | 88.90  | 2302.92     | 41.13  | 2.647        | 67.23 | AZY         |
| LHP 437U 01S     | 1.937            | 49.20 | 2.000                    | 50.80 | 1.000                     | 25.40 | 0.437         | 11.10 | 600                       | 4136 | 2356.19                    | 1068.77 | 1.875       | 47.63  | 8840.22     | 157.87 | 1.608        | 40.84 | AZS         |
| LHP 437U 02S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 2.000       | 50.80  | 7858.84     | 140.34 | 1.700        | 43.18 | AZT         |
| LHP 437U 03S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 2.500       | 63.50  | 5442.22     | 97.19  | 2.067        | 52.50 | AZW         |
| LHP 437U 04S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 3.000       | 76.20  | 4162.30     | 74.33  | 2.434        | 61.82 | AZY         |
| LHP 437U 05S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 3.500       | 88.90  | 3369.78     | 60.18  | 2.801        | 71.15 | AZZ         |
| LHP 437U 06S     |                  |       |                          |       |                           |       |               |       |                           |      |                            |         | 4.000       | 101.60 | 2830.79     | 50.55  | 3.168        | 80.47 | AZZ         |

COMPRESSION SPRINGS



## SPECIAL INSTRUCTIONS FOR HIGH PRESSURE COMPRESSION SERIES

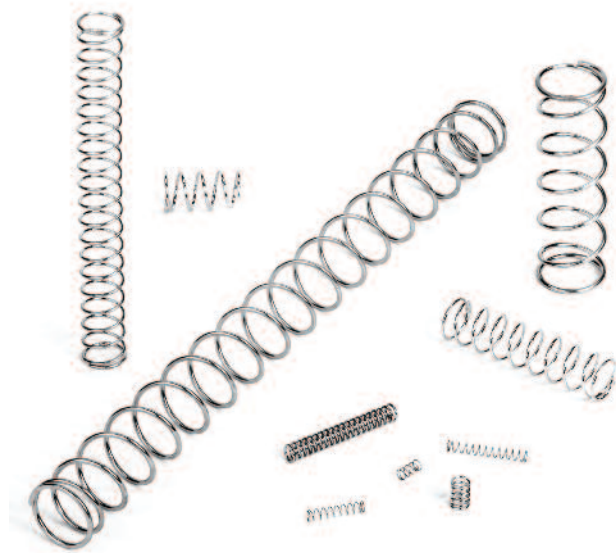
**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Approx. Load at Solid Hgt. are pre-calculated for Type 17-7 PH Stainless Steel.

# DIN-Plus Compression Springs

*Standard DIN Sizes Plus Improved Corrosion Resistance*

**DIN-Plus**  
Improved Corrosion Resistance



The Lee Spring DIN-Plus Compression Spring Series offers a large selection of standard DIN size springs to meet increasing global demand for metric designs with the added benefit of excellent corrosion resistance.

The DIN-Plus Series is offered in two standard DIN Series types:

**DIN2098 Part 2** – This smaller range of DIN2098 compression springs are made from stainless steel grade EN 10270-3-1.4310-NS available in sizes from 1.0mm (0.039”) to 52.4mm (2.063”) long. Wire sizes range from 0.1mm (0.004”) up to 0.4mm (0.016”) over a selection of outside diameters to work inside hole diameters from 0.8mm (0.032”) to 6.0mm (0.237”). All parts are right hand wound with ends squared, and not ground. The Lee Spring DIN-Plus Part 2 range is distinguished from other commercial offerings with Lee Spring’s passivation finish, which maximizes the essential corrosion resistance versus non-passivated stainless steel.

**DIN2098 Part 1** – This series includes the more standard to larger range of DIN2098 range of compression springs made of spring steel grade EN 10270-1-SH available in sizes from 4.4mm (0.173”) to 1015mm (39.961”) long. Wire sizes go from 0.5mm (0.020”) up to 10mm (0.394”) over a selection of outside diameters to work inside hole diameters from 3.4mm (0.134”) to 140mm (5.512”). All parts are right hand wound with ends squared and ground for added stability under heavy loading. This series is also preset for wire sizes 1.25mm (0.049”) and up which increases load carrying ability. The Lee Spring DIN-Plus Part 1 range also includes a zinc plate finish, which improves corrosion resistance and distinguishes the Lee Spring DIN-Plus Series from many other commercial offerings available.



Lee Spring can manufacture custom compression springs to your specifications. Contact us today!

# DIN-Plus Compression Springs

## Guide to using tables

**Lee Stock Number:**  
Lee Spring Part Number.

**To Work in Hole Diameter:**  
Suggested minimum hole size if needed for spring containment.

**Nominal Wire Diameter:**  
In ascending order of size, within each group of outside diameters.

**Working Height:**  
Suggested shortest operating height to avoid loading overstress.

**Spring Rate:**  
Change in load or force per unit of deflection.

**Price Group:**  
Reference for price list.

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |       | WORKING HEIGHT |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|-------|----------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.   | MM             | IN.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   |             |
| CID010ZA 01S     |                  |       |                          |       |                           |       |                       |       |              |       | 0.70           | 0.028 | 1.00                | 0.039 | 2.050       | 11.705 | 0.65         | 0.026 | M           |
| CID010ZA 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.00           | 0.039 | 1.40                | 0.055 | 1.304       | 7.446  | 0.85         | 0.033 | M           |
| CID010ZA 03S     | 0.60             | 0.024 | 0.80                     | 0.032 | 0.30                      | 0.011 | 0.10                  | 0.004 | 0.53         | 0.119 | 1.30           | 0.051 | 2.00                | 0.079 | 0.843       | 4.813  | 1.15         | 0.045 | M           |
| CID010ZA 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.80           | 0.071 | 2.70                | 0.106 | 0.569       | 3.249  | 1.55         | 0.061 | M           |
| CID010ZA 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.50           | 0.098 | 3.90                | 0.154 | 0.382       | 2.181  | 2.15         | 0.085 | M           |
| CID010ZB 01S     |                  |       |                          |       |                           |       |                       |       |              |       | 0.70           | 0.028 | 1.20                | 0.047 | 1.020       | 5.824  | 0.65         | 0.026 | M           |
| CID010ZB 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.00           | 0.039 | 1.70                | 0.067 | 0.647       | 3.694  | 0.85         | 0.033 | M           |
| CID010ZB 03S     | 0.73             | 0.029 | 0.90                     | 0.036 | 0.40                      | 0.015 | 0.10                  | 0.004 | 0.45         | 0.101 | 1.30           | 0.051 | 2.40                | 0.094 | 0.32        | 1.771  | 1.15         | 0.045 | M           |

**Outside Diameter:**  
Spring outer diameter, parts listed in ascending order.

**To Work Over Rod Diameter:**  
Suggested maximum rod size if needed to guide the inside of the spring.

**Nominal Load:**  
The approximate load or force to compress spring to the working height.

**Nominal Free Length:**  
The overall height of a spring in the unloaded position.

**Solid Height:**  
Length when fully compressed.

### Additional Information

- Avoid operating beyond the listed Nominal Load and Working Height, or the stresses may cause permanent spring set or failure.
- Spring Rate is given as an approximate figure to allow manufacturing adjustment to maintain Nominal Load and Nominal Free Length.
- The listed Work In Hole Diameter and Work Over Rod Diameter are specified as per DIN 2098. To discuss spring fitting around different assembly sizes please call Lee Spring's Engineering Department, +91 80 49376666.

For additional information, pricing, availability, and technical support please contact Lee Spring by calling +91 80 49376666 or by email at [india-sales@leespring.com](mailto:india-sales@leespring.com)

# COMPRESSION SPRINGS: DIN-PLUS SERIES- PART 2 (METRIC)

ENDS NOT GROUND • Stainless Steel EN 10270-3 Grade 1.4310-NS (Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |       | WORKING HEIGHT |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|-------|----------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.   | MM             | IN.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   |             |
| CID010ZA 01S     | 0.60             | 0.024 | 0.80                     | 0.032 | 0.30                      | 0.011 | 0.10                  | 0.004 | 0.53         | 0.119 | 0.70           | 0.028 | 1.01                | 0.040 | 2.050       | 11.705 | 0.65         | 0.026 | M           |
| CID010ZA 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.00           | 0.039 | 1.46                | 0.057 | 1.304       | 7.446  | 0.85         | 0.033 | M           |
| CID010ZA 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.30           | 0.051 | 2.02                | 0.079 | 0.843       | 4.813  | 1.15         | 0.045 | M           |
| CID010ZA 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.80           | 0.071 | 2.87                | 0.113 | 0.569       | 3.249  | 1.55         | 0.061 | M           |
| CID010ZA 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.50           | 0.098 | 4.06                | 0.160 | 0.382       | 2.181  | 2.15         | 0.085 | M           |
| CID010ZB 01S     | 0.73             | 0.029 | 0.90                     | 0.036 | 0.40                      | 0.015 | 0.10                  | 0.004 | 0.45         | 0.101 | 0.70           | 0.028 | 1.20                | 0.047 | 1.020       | 5.824  | 0.65         | 0.026 | M           |
| CID010ZB 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.00           | 0.039 | 1.70                | 0.067 | 0.647       | 3.694  | 0.85         | 0.033 | M           |
| CID010ZB 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.30           | 0.051 | 2.40                | 0.094 | 0.422       | 2.410  | 1.15         | 0.045 | M           |
| CID010ZB 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.80           | 0.071 | 3.40                | 0.134 | 0.284       | 1.622  | 1.55         | 0.061 | M           |
| CID010ZB 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.60           | 0.102 | 4.90                | 0.193 | 0.196       | 1.119  | 2.15         | 0.085 | M           |
| CID012ZC 01S     | 0.75             | 0.030 | 0.90                     | 0.036 | 0.40                      | 0.015 | 0.12                  | 0.005 | 0.75         | 0.167 | 0.90           | 0.035 | 1.28                | 0.051 | 2.148       | 12.265 | 0.78         | 0.031 | M           |
| CID012ZC 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.20           | 0.047 | 1.81                | 0.071 | 1.363       | 7.783  | 1.02         | 0.040 | M           |
| CID012ZC 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.60           | 0.063 | 2.56                | 0.100 | 0.883       | 5.042  | 1.38         | 0.054 | M           |
| CID012ZC 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.20           | 0.087 | 3.62                | 0.142 | 0.598       | 3.415  | 1.86         | 0.073 | M           |
| CID012ZC 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.00           | 0.118 | 5.08                | 0.200 | 0.402       | 2.295  | 2.58         | 0.102 | M           |
| CID010ZD 01S     | 0.90             | 0.035 | 1.10                     | 0.044 | 0.50                      | 0.019 | 0.10                  | 0.004 | 0.37         | 0.084 | 0.70           | 0.028 | 1.50                | 0.059 | 0.500       | 2.855  | 0.65         | 0.026 | M           |
| CID010ZD 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.00           | 0.039 | 2.20                | 0.087 | 0.314       | 1.793  | 0.85         | 0.033 | M           |
| CID010ZD 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.40           | 0.055 | 3.20                | 0.126 | 0.206       | 1.176  | 1.15         | 0.045 | M           |
| CID010ZD 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.90           | 0.075 | 4.60                | 0.181 | 0.137       | 0.782  | 1.55         | 0.061 | M           |
| CID010ZD 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.70           | 0.106 | 6.60                | 0.260 | 0.098       | 0.560  | 2.15         | 0.085 | M           |
| CID012ZE 01S     | 0.92             | 0.036 | 1.10                     | 0.044 | 0.50                      | 0.019 | 0.12                  | 0.005 | 0.63         | 0.141 | 0.90           | 0.035 | 1.52                | 0.060 | 1.049       | 5.990  | 0.78         | 0.031 | M           |
| CID012ZE 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.20           | 0.047 | 2.18                | 0.086 | 0.667       | 3.809  | 1.02         | 0.040 | M           |
| CID012ZE 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.60           | 0.063 | 3.13                | 0.123 | 0.431       | 2.461  | 1.38         | 0.054 | M           |
| CID012ZE 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.20           | 0.087 | 4.46                | 0.176 | 0.294       | 1.679  | 1.86         | 0.073 | M           |
| CID012ZE 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.10           | 0.122 | 6.43                | 0.253 | 0.196       | 1.119  | 2.58         | 0.102 | M           |
| CID016ZF 01S     | 0.96             | 0.038 | 1.20                     | 0.048 | 0.40                      | 0.015 | 0.16                  | 0.006 | 1.36         | 0.306 | 1.20           | 0.047 | 1.60                | 0.063 | 3.295       | 18.814 | 1.04         | 0.041 | J           |
| CID016ZF 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.50           | 0.059 | 2.20                | 0.087 | 2.099       | 11.985 | 1.36         | 0.054 | J           |
| CID016ZF 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.10           | 0.083 | 3.10                | 0.122 | 1.353       | 7.725  | 1.84         | 0.072 | J           |
| CID016ZF 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.90           | 0.114 | 4.40                | 0.173 | 0.922       | 5.265  | 2.48         | 0.098 | J           |
| CID016ZF 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.00           | 0.157 | 6.20                | 0.244 | 0.628       | 3.586  | 3.44         | 0.135 | J           |
| CID010ZG 01S     | 1.10             | 0.043 | 1.40                     | 0.056 | 0.70                      | 0.027 | 0.10                  | 0.004 | 0.30         | 0.068 | 0.80           | 0.031 | 2.00                | 0.079 | 0.255       | 1.456  | 0.65         | 0.026 | L           |
| CID010ZG 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.00           | 0.039 | 2.90                | 0.114 | 0.167       | 0.954  | 0.85         | 0.033 | L           |
| CID010ZG 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.40           | 0.055 | 4.40                | 0.173 | 0.108       | 0.617  | 1.15         | 0.045 | L           |
| CID010ZG 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.00           | 0.079 | 6.30                | 0.248 | 0.069       | 0.394  | 1.55         | 0.061 | L           |
| CID010ZG 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.80           | 0.110 | 9.20                | 0.362 | 0.049       | 0.280  | 2.15         | 0.085 | L           |
| CID012ZH 01S     | 1.12             | 0.044 | 1.40                     | 0.056 | 0.60                      | 0.023 | 0.12                  | 0.005 | 0.52         | 0.117 | 0.90           | 0.035 | 1.92                | 0.076 | 0.539       | 3.078  | 0.78         | 0.031 | M           |
| CID012ZH 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.20           | 0.047 | 2.82                | 0.111 | 0.343       | 1.958  | 1.02         | 0.040 | M           |
| CID012ZH 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.70           | 0.067 | 4.22                | 0.166 | 0.226       | 1.290  | 1.38         | 0.054 | M           |
| CID012ZH 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.30           | 0.091 | 6.01                | 0.237 | 0.147       | 0.839  | 1.86         | 0.073 | M           |
| CID012ZH 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.20           | 0.126 | 8.67                | 0.341 | 0.098       | 0.560  | 2.58         | 0.102 | M           |

COMPRESSION SPRINGS

## SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES-PART 2

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.  
**CALCULATIONS:** Spring Rate and Nominal Load are pre-calculated for Stainless Steel.

# COMPRESSION SPRINGS: DIN-PLUS SERIES- PART 2 (METRIC)

ENDS NOT GROUND • Stainless Steel EN 10270-3 Grade 1.4310-NS (Passivated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |       | WORKING HEIGHT |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|-------|----------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.   | MM             | IN.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   |             |
| CID016ZJ 01S     | 1.16             | 0.046 | 1.40                     | 0.056 | 0.60                      | 0.023 | 0.16                  | 0.006 | 1.18         | 0.265 | 1.20           | 0.047 | 1.90                | 0.075 | 1.687       | 9.633  | 1.04         | 0.041 | J           |
| CID016ZJ 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.60           | 0.063 | 2.70                | 0.106 | 1.079       | 6.161  | 1.36         | 0.054 | J           |
| CID016ZJ 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.20           | 0.087 | 3.80                | 0.150 | 0.696       | 3.974  | 1.84         | 0.072 | J           |
| CID016ZJ 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.90           | 0.114 | 5.40                | 0.213 | 0.471       | 2.689  | 2.48         | 0.098 | J           |
| CID016ZJ 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.10           | 0.161 | 7.80                | 0.307 | 0.324       | 1.850  | 3.44         | 0.135 | J           |
| CID020ZK 01S     | 1.20             | 0.047 | 1.40                     | 0.056 | 0.60                      | 0.023 | 0.20                  | 0.008 | 2.14         | 0.481 | 1.40           | 0.055 | 2.00                | 0.079 | 4.089       | 23.348 | 1.30         | 0.051 | J           |
| CID020ZK 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.90           | 0.075 | 2.70                | 0.106 | 2.599       | 14.840 | 1.70         | 0.067 | J           |
| CID020ZK 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.60           | 0.102 | 3.90                | 0.154 | 1.687       | 9.633  | 2.30         | 0.091 | J           |
| CID020ZK 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.60           | 0.142 | 5.50                | 0.217 | 1.147       | 6.549  | 3.10         | 0.122 | J           |
| CID020ZK 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 5.00           | 0.197 | 7.80                | 0.307 | 0.775       | 4.425  | 4.30         | 0.169 | J           |
| CID010ZL 01S     | 1.30             | 0.051 | 1.60                     | 0.063 | 0.80                      | 0.031 | 0.10                  | 0.004 | 0.27         | 0.060 | 0.80           | 0.031 | 2.60                | 0.102 | 0.147       | 0.839  | 0.65         | 0.026 | L           |
| CID010ZL 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.10           | 0.043 | 3.80                | 0.150 | 0.098       | 0.560  | 0.85         | 0.033 | L           |
| CID010ZL 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.50           | 0.059 | 5.80                | 0.228 | 0.059       | 0.337  | 1.15         | 0.045 | L           |
| CID010ZL 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.10           | 0.083 | 8.40                | 0.331 | 0.039       | 0.223  | 1.55         | 0.061 | L           |
| CID010ZL 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.90           | 0.114 | 12.20               | 0.480 | 0.029       | 0.166  | 2.15         | 0.085 | L           |
| CID012ZM 01S     | 1.32             | 0.052 | 1.60                     | 0.063 | 0.80                      | 0.031 | 0.12                  | 0.005 | 0.44         | 0.099 | 0.90           | 0.035 | 2.42                | 0.095 | 0.314       | 1.793  | 0.78         | 0.031 | L           |
| CID012ZM 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.20           | 0.047 | 3.59                | 0.142 | 0.196       | 1.119  | 1.02         | 0.040 | L           |
| CID012ZM 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.70           | 0.067 | 5.41                | 0.213 | 0.127       | 0.725  | 1.38         | 0.054 | L           |
| CID012ZM 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.40           | 0.094 | 7.84                | 0.309 | 0.088       | 0.502  | 1.86         | 0.073 | L           |
| CID012ZM 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.30           | 0.130 | 11.37               | 0.448 | 0.059       | 0.337  | 2.58         | 0.102 | L           |
| CID016ZN 01S     | 1.36             | 0.054 | 1.60                     | 0.063 | 0.80                      | 0.031 | 0.16                  | 0.006 | 1.01         | 0.227 | 1.20           | 0.047 | 2.20                | 0.087 | 0.981       | 5.601  | 1.04         | 0.041 | J           |
| CID016ZN 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.60           | 0.063 | 3.20                | 0.126 | 0.618       | 3.529  | 1.36         | 0.054 | J           |
| CID016ZN 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.20           | 0.087 | 4.70                | 0.185 | 0.402       | 2.295  | 1.84         | 0.072 | J           |
| CID016ZN 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.00           | 0.118 | 6.70                | 0.264 | 0.275       | 1.570  | 2.48         | 0.098 | J           |
| CID016ZN 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.20           | 0.165 | 9.70                | 0.382 | 0.186       | 1.062  | 3.44         | 0.135 | J           |
| CID020ZA 01S     | 1.40             | 0.055 | 1.70                     | 0.067 | 0.80                      | 0.031 | 0.20                  | 0.008 | 1.89         | 0.426 | 1.50           | 0.059 | 2.30                | 0.091 | 2.363       | 13.492 | 1.30         | 0.051 | J           |
| CID020ZA 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.90           | 0.075 | 3.20                | 0.126 | 1.510       | 8.622  | 1.70         | 0.067 | J           |
| CID020ZA 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.70           | 0.106 | 4.60                | 0.181 | 0.971       | 5.544  | 2.30         | 0.091 | J           |
| CID020ZA 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.70           | 0.146 | 6.50                | 0.256 | 0.667       | 3.809  | 3.10         | 0.122 | J           |
| CID020ZA 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 5.10           | 0.201 | 9.30                | 0.366 | 0.451       | 2.575  | 4.30         | 0.169 | J           |
| CID025ZP 01S     | 1.45             | 0.057 | 1.70                     | 0.067 | 0.70                      | 0.027 | 0.25                  | 0.010 | 3.42         | 0.770 | 1.80           | 0.071 | 2.40                | 0.094 | 5.786       | 33.037 | 1.63         | 0.064 | J           |
| CID025ZP 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.40           | 0.094 | 3.30                | 0.130 | 3.677       | 20.995 | 2.13         | 0.084 | J           |
| CID025ZP 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.30           | 0.130 | 4.70                | 0.185 | 2.383       | 13.607 | 2.88         | 0.113 | J           |
| CID025ZP 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.50           | 0.177 | 6.60                | 0.260 | 1.618       | 9.239  | 3.88         | 0.153 | J           |
| CID025ZP 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 6.30           | 0.248 | 9.40                | 0.370 | 1.098       | 6.269  | 5.38         | 0.212 | J           |
| CID012ZQ 01S     | 1.72             | 0.068 | 2.10                     | 0.083 | 1.20                      | 0.047 | 0.12                  | 0.005 | 0.34         | 0.077 | 1.00           | 0.039 | 3.84                | 0.151 | 0.127       | 0.725  | 0.78         | 0.031 | J           |
| CID012ZQ 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.30           | 0.051 | 5.77                | 0.227 | 0.088       | 0.502  | 1.02         | 0.040 | J           |
| CID012ZQ 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.90           | 0.075 | 8.81                | 0.347 | 0.059       | 0.337  | 1.38         | 0.054 | J           |
| CID012ZQ 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.60           | 0.102 | 12.76               | 0.502 | 0.039       | 0.223  | 1.86         | 0.073 | J           |
| CID012ZQ 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.60           | 0.142 | 18.66               | 0.735 | 0.029       | 0.166  | 2.58         | 0.102 | J           |

## SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES-PART 2

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Nominal Load are pre-calculated for Stainless Steel.

# COMPRESSION SPRINGS: DIN-PLUS SERIES- PART 2 (METRIC)

ENDS NOT GROUND • Stainless Steel EN 10270-3 Grade 1.4310-NS (Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |       | WORKING HEIGHT |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|-------|----------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.   | MM             | IN.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   |             |
| CID016ZR 01S     | 1.76             | 0.069 | 2.10                     | 0.083 | 1.10                      | 0.043 | 0.16                  | 0.006 | 0.79         | 0.176 | 1.20           | 0.047 | 3.10                | 0.122 | 0.412       | 2.352  | 1.04         | 0.041 | J           |
| CID016ZR 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.70           | 0.067 | 4.70                | 0.185 | 0.265       | 1.513  | 1.36         | 0.054 | J           |
| CID016ZR 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.30           | 0.091 | 7.00                | 0.276 | 0.167       | 0.954  | 1.84         | 0.072 | J           |
| CID016ZR 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.20           | 0.126 | 10.00               | 0.394 | 0.118       | 0.674  | 2.48         | 0.098 | J           |
| CID016ZR 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.50           | 0.177 | 14.60               | 0.575 | 0.078       | 0.445  | 3.44         | 0.135 | J           |
| CID020ZS 01S     | 1.80             | 0.071 | 2.10                     | 0.083 | 1.10                      | 0.043 | 0.20                  | 0.008 | 1.50         | 0.337 | 1.50           | 0.059 | 3.00                | 0.118 | 1.000       | 5.710  | 1.30         | 0.051 | J           |
| CID020ZS 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.00           | 0.079 | 4.40                | 0.173 | 0.637       | 3.637  | 1.70         | 0.067 | J           |
| CID020ZS 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.80           | 0.110 | 6.40                | 0.252 | 0.412       | 2.352  | 2.30         | 0.091 | J           |
| CID020ZS 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.80           | 0.150 | 9.20                | 0.362 | 0.284       | 1.622  | 3.10         | 0.122 | J           |
| CID020ZS 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 5.30           | 0.209 | 13.30               | 0.524 | 0.186       | 1.062  | 4.30         | 0.169 | J           |
| CID025ZT 01S     | 1.85             | 0.073 | 2.10                     | 0.083 | 1.10                      | 0.043 | 0.25                  | 0.010 | 2.82         | 0.633 | 1.80           | 0.071 | 3.00                | 0.118 | 2.442       | 13.944 | 1.63         | 0.064 | J           |
| CID025ZT 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.40           | 0.094 | 4.30                | 0.169 | 1.549       | 8.845  | 2.13         | 0.084 | J           |
| CID025ZT 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.40           | 0.134 | 6.20                | 0.244 | 1.000       | 5.710  | 2.88         | 0.113 | J           |
| CID025ZT 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.60           | 0.181 | 8.70                | 0.343 | 0.686       | 3.917  | 3.88         | 0.153 | J           |
| CID025ZT 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 6.50           | 0.256 | 12.50               | 0.492 | 0.461       | 2.632  | 5.38         | 0.212 | J           |
| CID032ZU 01S     | 1.92             | 0.076 | 2.20                     | 0.087 | 1.00                      | 0.039 | 0.32                  | 0.013 | 5.47         | 1.230 | 2.30           | 0.091 | 3.10                | 0.122 | 6.551       | 37.406 | 2.08         | 0.082 | J           |
| CID032ZU 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.10           | 0.122 | 4.40                | 0.173 | 4.168       | 23.799 | 2.72         | 0.107 | J           |
| CID032ZU 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.20           | 0.165 | 6.30                | 0.248 | 2.697       | 15.400 | 3.68         | 0.145 | J           |
| CID032ZU 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 5.80           | 0.228 | 8.70                | 0.343 | 1.834       | 10.472 | 4.96         | 0.195 | J           |
| CID032ZU 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 8.10           | 0.319 | 12.50               | 0.492 | 1.236       | 7.057  | 6.88         | 0.271 | J           |
| CID016AB 01S     | 2.16             | 0.085 | 2.50                     | 0.099 | 1.50                      | 0.059 | 0.16                  | 0.006 | 0.65         | 0.145 | 1.30           | 0.051 | 4.30                | 0.169 | 0.216       | 1.233  | 1.04         | 0.041 | J           |
| CID016AB 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 1.80           | 0.071 | 6.50                | 0.256 | 0.137       | 0.782  | 1.36         | 0.054 | J           |
| CID016AB 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.40           | 0.094 | 9.80                | 0.386 | 0.088       | 0.502  | 1.84         | 0.072 | J           |
| CID016AB 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.40           | 0.134 | 14.20               | 0.559 | 0.059       | 0.337  | 2.48         | 0.098 | J           |
| CID016AB 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.80           | 0.189 | 20.90               | 0.823 | 0.039       | 0.223  | 3.44         | 0.135 | J           |
| CID020AC 01S     | 2.20             | 0.087 | 2.60                     | 0.103 | 1.50                      | 0.059 | 0.20                  | 0.008 | 1.24         | 0.278 | 1.50           | 0.059 | 4.00                | 0.157 | 0.510       | 2.912  | 1.30         | 0.051 | J           |
| CID020AC 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.10           | 0.083 | 5.90                | 0.232 | 0.324       | 1.850  | 1.70         | 0.067 | J           |
| CID020AC 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.90           | 0.114 | 8.70                | 0.343 | 0.206       | 1.176  | 2.30         | 0.091 | J           |
| CID020AC 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.00           | 0.157 | 12.60               | 0.496 | 0.147       | 0.839  | 3.10         | 0.122 | J           |
| CID020AC 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 5.60           | 0.220 | 18.30               | 0.720 | 0.098       | 0.560  | 4.30         | 0.169 | J           |
| CID025BA 01S     | 2.25             | 0.089 | 2.60                     | 0.103 | 1.50                      | 0.059 | 0.25                  | 0.010 | 2.34         | 0.527 | 1.90           | 0.075 | 3.70                | 0.146 | 1.245       | 7.109  | 1.63         | 0.064 | J           |
| CID025BA 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.50           | 0.098 | 5.50                | 0.217 | 0.794       | 4.534  | 2.13         | 0.084 | J           |
| CID025BA 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.50           | 0.138 | 8.00                | 0.315 | 0.510       | 2.912  | 2.88         | 0.113 | J           |
| CID025BA 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.70           | 0.185 | 11.40               | 0.449 | 0.353       | 2.016  | 3.88         | 0.153 | J           |
| CID025BA 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 6.70           | 0.264 | 16.60               | 0.654 | 0.235       | 1.342  | 5.38         | 0.212 | J           |
| CID032BB 01S     | 2.32             | 0.091 | 2.60                     | 0.103 | 1.40                      | 0.055 | 0.32                  | 0.013 | 4.69         | 1.054 | 2.30           | 0.091 | 3.70                | 0.146 | 3.354       | 19.151 | 2.08         | 0.082 | J           |
| CID032BB 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.10           | 0.122 | 5.30                | 0.209 | 2.138       | 12.208 | 2.72         | 0.107 | J           |
| CID032BB 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.30           | 0.169 | 7.70                | 0.303 | 1.383       | 7.897  | 3.68         | 0.145 | J           |
| CID032BB 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 5.90           | 0.232 | 10.90               | 0.429 | 0.941       | 5.373  | 4.96         | 0.195 | J           |
| CID032BB 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 8.20           | 0.323 | 15.60               | 0.614 | 0.637       | 3.637  | 6.88         | 0.271 | J           |

COMPRESSION SPRINGS

## SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES-PART 2

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Nominal Load are pre-calculated for Stainless Steel.

# COMPRESSION SPRINGS: DIN-PLUS SERIES- PART 2 (METRIC)

ENDS NOT GROUND • Stainless Steel EN 10270-3 Grade 1.4310-NS (Passivated)

## COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |       | WORKING HEIGHT |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|-------|----------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.   | MM             | IN.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   |             |
| CID040BC 01S     | 2.40             | 0.094 | 2.80                     | 0.111 | 1.30                      | 0.051 | 0.40                  | 0.016 | 8.55         | 1.922 | 2.90           | 0.114 | 3.90                | 0.154 | 8.179       | 46.701 | 2.60         | 0.102 | J           |
| CID040BC 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.80           | 0.150 | 5.50                | 0.217 | 5.207       | 29.731 | 3.40         | 0.134 | J           |
| CID040BC 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 5.30           | 0.209 | 7.80                | 0.307 | 3.373       | 19.259 | 4.60         | 0.181 | J           |
| CID040BC 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 7.20           | 0.283 | 10.90               | 0.429 | 2.295       | 13.104 | 6.20         | 0.244 | J           |
| CID040BC 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 10.10          | 0.398 | 15.60               | 0.614 | 1.549       | 8.845  | 8.60         | 0.339 | J           |
| CID020CA 01S     | 2.70             | 0.106 | 3.10                     | 0.123 | 2.00                      | 0.078 | 0.20                  | 0.008 | 1.00         | 0.225 | 1.60           | 0.063 | 5.40                | 0.213 | 0.265       | 1.513  | 1.30         | 0.051 | J           |
| CID020CA 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.20           | 0.087 | 8.20                | 0.323 | 0.167       | 0.954  | 1.70         | 0.067 | J           |
| CID020CA 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.10           | 0.122 | 12.40               | 0.488 | 0.108       | 0.617  | 2.30         | 0.091 | J           |
| CID020CA 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.20           | 0.165 | 17.90               | 0.705 | 0.069       | 0.394  | 3.10         | 0.122 | J           |
| CID020CA 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 5.90           | 0.232 | 26.20               | 1.031 | 0.049       | 0.280  | 4.30         | 0.169 | J           |
| CID025CB 01S     | 2.75             | 0.108 | 3.10                     | 0.123 | 1.90                      | 0.074 | 0.25                  | 0.010 | 1.92         | 0.432 | 1.90           | 0.075 | 4.90                | 0.193 | 0.637       | 3.637  | 1.63         | 0.064 | J           |
| CID025CB 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.60           | 0.102 | 7.30                | 0.287 | 0.412       | 2.352  | 2.13         | 0.084 | J           |
| CID025CB 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.60           | 0.142 | 10.90               | 0.429 | 0.265       | 1.513  | 2.88         | 0.113 | J           |
| CID025CB 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 5.00           | 0.197 | 15.70               | 0.618 | 0.177       | 1.011  | 3.88         | 0.153 | J           |
| CID025CB 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 7.00           | 0.276 | 22.90               | 0.902 | 0.118       | 0.674  | 5.38         | 0.212 | J           |
| CID032CC 01S     | 2.82             | 0.111 | 3.10                     | 0.123 | 1.90                      | 0.074 | 0.32                  | 0.013 | 3.91         | 0.880 | 2.40           | 0.094 | 4.70                | 0.185 | 1.716       | 9.798  | 2.08         | 0.082 | J           |
| CID032CC 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.20           | 0.126 | 6.80                | 0.268 | 1.089       | 6.218  | 2.72         | 0.107 | J           |
| CID032CC 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.40           | 0.173 | 10.00               | 0.394 | 0.706       | 4.031  | 3.68         | 0.145 | J           |
| CID032CC 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 6.10           | 0.240 | 14.20               | 0.559 | 0.481       | 2.746  | 4.96         | 0.195 | J           |
| CID032CC 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 8.50           | 0.335 | 20.60               | 0.811 | 0.324       | 1.850  | 6.88         | 0.271 | J           |
| CID040CD 01S     | 2.90             | 0.114 | 3.30                     | 0.130 | 1.80                      | 0.070 | 0.40                  | 0.016 | 7.33         | 1.647 | 2.90           | 0.114 | 4.70                | 0.185 | 4.187       | 23.907 | 2.60         | 0.102 | J           |
| CID040CD 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.90           | 0.154 | 6.70                | 0.264 | 2.667       | 15.228 | 3.40         | 0.134 | J           |
| CID040CD 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 5.40           | 0.213 | 9.60                | 0.378 | 1.726       | 9.855  | 4.60         | 0.181 | J           |
| CID040CD 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 7.30           | 0.287 | 13.60               | 0.535 | 1.177       | 6.721  | 6.20         | 0.244 | J           |
| CID040CD 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 10.30          | 0.406 | 19.50               | 0.768 | 0.794       | 4.534  | 8.60         | 0.339 | J           |
| CID025DA 01S     | 3.45             | 0.136 | 4.00                     | 0.158 | 2.50                      | 0.098 | 0.25                  | 0.010 | 1.53         | 0.344 | 2.00           | 0.079 | 7.10                | 0.280 | 0.304       | 1.736  | 1.63         | 0.064 | J           |
| CID025DA 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 2.80           | 0.110 | 10.70               | 0.421 | 0.196       | 1.119  | 2.13         | 0.084 | J           |
| CID025DA 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.80           | 0.150 | 16.10               | 0.634 | 0.127       | 0.725  | 2.88         | 0.113 | J           |
| CID025DA 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 5.30           | 0.209 | 23.30               | 0.917 | 0.088       | 0.502  | 3.88         | 0.153 | J           |
| CID025DA 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 7.50           | 0.295 | 34.10               | 1.343 | 0.059       | 0.337  | 5.38         | 0.212 | J           |
| CID032DB 01S     | 3.52             | 0.139 | 4.00                     | 0.158 | 2.40                      | 0.094 | 0.32                  | 0.013 | 3.16         | 0.710 | 2.50           | 0.098 | 6.30                | 0.248 | 0.814       | 4.648  | 2.08         | 0.082 | J           |
| CID032DB 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.30           | 0.130 | 9.40                | 0.370 | 0.520       | 2.969  | 2.72         | 0.107 | J           |
| CID032DB 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.60           | 0.181 | 14.00               | 0.551 | 0.333       | 1.901  | 3.68         | 0.145 | J           |
| CID032DB 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 6.30           | 0.248 | 20.10               | 0.791 | 0.226       | 1.290  | 4.96         | 0.195 | J           |
| CID032DB 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 8.90           | 0.350 | 29.30               | 1.154 | 0.157       | 0.896  | 6.88         | 0.271 | J           |
| CID040DC 01S     | 3.60             | 0.142 | 4.00                     | 0.158 | 2.50                      | 0.098 | 0.40                  | 0.016 | 6.00         | 1.349 | 3.00           | 0.118 | 6.00                | 0.236 | 2.001       | 11.426 | 2.60         | 0.102 | J           |
| CID040DC 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.00           | 0.157 | 8.70                | 0.343 | 1.275       | 7.280  | 3.40         | 0.134 | J           |
| CID040DC 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 5.50           | 0.217 | 12.80               | 0.504 | 0.824       | 4.705  | 4.60         | 0.181 | J           |
| CID040DC 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 7.60           | 0.299 | 18.30               | 0.720 | 0.559       | 3.192  | 6.20         | 0.244 | J           |
| CID040DC 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 10.70          | 0.421 | 26.50               | 1.043 | 0.382       | 2.181  | 8.60         | 0.339 | J           |

### SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES-PART 2

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Nominal Load are pre-calculated for Stainless Steel.

# COMPRESSION SPRINGS: DIN-PLUS SERIES– PART 2 (METRIC)

ENDS NOT GROUND • Stainless Steel EN 10270-3 Grade 1.4310-NS (Passivated)

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |       | WORKING HEIGHT |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|-------|----------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.   | MM             | IN.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   |             |
| CID032DF 01S     | 4.32             | 0.170 | 4.80                     | 0.189 | 3.20                      | 0.125 | 0.32                  | 0.013 | 2.57         | 0.578 | 2.60           | 0.102 | 8.70                | 0.343 | 0.422       | 2.410  | 2.08         | 0.082 | J           |
| CID032DF 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 3.50           | 0.138 | 13.10               | 0.516 | 0.265       | 1.513  | 2.72         | 0.107 | J           |
| CID032DF 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.90           | 0.193 | 19.80               | 0.780 | 0.177       | 1.011  | 3.68         | 0.145 | J           |
| CID032DF 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 6.70           | 0.264 | 28.60               | 1.126 | 0.118       | 0.674  | 4.96         | 0.195 | J           |
| CID032DF 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 9.50           | 0.374 | 41.90               | 1.650 | 0.078       | 0.445  | 6.88         | 0.271 | J           |
| CID040DG 01S     | 4.40             | 0.173 | 5.00                     | 0.197 | 3.20                      | 0.125 | 0.40                  | 0.016 | 4.93         | 1.109 | 3.10           | 0.122 | 7.90                | 0.311 | 1.020       | 5.824  | 2.60         | 0.102 | J           |
| CID040DG 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.20           | 0.165 | 11.70               | 0.461 | 0.647       | 3.694  | 3.40         | 0.134 | J           |
| CID040DG 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 5.80           | 0.228 | 17.50               | 0.689 | 0.422       | 2.410  | 4.60         | 0.181 | J           |
| CID040DG 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 7.90           | 0.311 | 25.10               | 0.988 | 0.284       | 1.622  | 6.20         | 0.244 | J           |
| CID040DG 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 11.20          | 0.441 | 36.60               | 1.441 | 0.196       | 1.119  | 8.60         | 0.339 | J           |
| CID040EG 01S     | 5.40             | 0.213 | 6.00                     | 0.237 | 4.10                      | 0.161 | 0.40                  | 0.016 | 4.01         | 0.902 | 3.20           | 0.126 | 10.90               | 0.429 | 0.520       | 2.969  | 2.60         | 0.102 | J           |
| CID040EG 02S     |                  |       |                          |       |                           |       |                       |       |              |       | 4.40           | 0.173 | 16.40               | 0.646 | 0.333       | 1.901  | 3.40         | 0.134 | J           |
| CID040EG 03S     |                  |       |                          |       |                           |       |                       |       |              |       | 6.10           | 0.240 | 24.70               | 0.972 | 0.216       | 1.233  | 4.60         | 0.181 | J           |
| CID040EG 04S     |                  |       |                          |       |                           |       |                       |       |              |       | 8.40           | 0.331 | 35.80               | 1.409 | 0.147       | 0.839  | 6.20         | 0.244 | J           |
| CID040EG 05S     |                  |       |                          |       |                           |       |                       |       |              |       | 11.90          | 0.469 | 52.40               | 2.063 | 0.098       | 0.560  | 8.60         | 0.339 | J           |

COMPRESSION SPRINGS

## SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES–PART 2

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Nominal Load are pre-calculated for Stainless Steel.

# COMPRESSION SPRINGS: DIN-PLUS SERIES- PART 1 (METRIC)

ENDS ARE GROUND • Spring Steel EN 10270-1-SH (Plated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |       | WORKING HEIGHT |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|-------|----------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.   | MM             | IN.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   |             |
| LCD050AA 01 M    | 3.00             | 0.118 | 3.40                     | 0.134 | 1.70                      | 0.066 | 0.50                  | 0.020 | 10.40        | 2.337 | 3.50           | 0.138 | 4.40                | 0.173 | 11.57       | 66.06  | 2.75         | 0.108 | F           |
| LCD050AA 02 M    |                  |       |                          |       |                           |       |                       |       |              |       | 4.70           | 0.185 | 6.10                | 0.240 | 7.42        | 42.37  | 3.75         | 0.148 | F           |
| LCD050AA 03 M    |                  |       |                          |       |                           |       |                       |       |              |       | 6.50           | 0.256 | 8.70                | 0.343 | 4.80        | 27.41  | 5.25         | 0.207 | F           |
| LCD050AA 04 M    |                  |       |                          |       |                           |       |                       |       |              |       | 9.00           | 0.354 | 12.00               | 0.472 | 3.27        | 18.67  | 7.25         | 0.285 | F           |
| LCD050AA 05 M    |                  |       |                          |       |                           |       |                       |       |              |       | 12.80          | 0.504 | 17.50               | 0.689 | 2.21        | 12.62  | 10.25        | 0.404 | F           |
| LCD050AB 01 M    | 3.70             | 0.146 | 4.10                     | 0.162 | 2.40                      | 0.094 | 0.50                  | 0.020 | 10.00        | 2.249 | 3.70           | 0.146 | 5.50                | 0.217 | 5.57        | 31.80  | 2.75         | 0.108 | F           |
| LCD050AB 02 M    |                  |       |                          |       |                           |       |                       |       |              |       | 5.10           | 0.201 | 7.90                | 0.311 | 3.53        | 20.16  | 3.75         | 0.148 | F           |
| LCD050AB 03 M    |                  |       |                          |       |                           |       |                       |       |              |       | 7.10           | 0.280 | 11.50               | 0.453 | 2.28        | 13.02  | 5.25         | 0.207 | F           |
| LCD050AB 04 M    |                  |       |                          |       |                           |       |                       |       |              |       | 9.80           | 0.386 | 16.00               | 0.630 | 1.56        | 8.91   | 7.25         | 0.285 | F           |
| LCD050AB 05 M    |                  |       |                          |       |                           |       |                       |       |              |       | 14.00          | 0.551 | 23.50               | 0.925 | 1.05        | 6.00   | 10.25        | 0.404 | F           |
| LCD063AC 01 M    | 3.83             | 0.151 | 4.20                     | 0.166 | 2.30                      | 0.090 | 0.63                  | 0.025 | 20.99        | 4.718 | 4.00           | 0.157 | 5.50                | 0.217 | 14.02       | 80.05  | 3.47         | 0.137 | F           |
| LCD063AC 02 M    |                  |       |                          |       |                           |       |                       |       |              |       | 5.40           | 0.213 | 7.80                | 0.307 | 8.90        | 50.82  | 4.73         | 0.186 | F           |
| LCD063AC 03 M    |                  |       |                          |       |                           |       |                       |       |              |       | 7.50           | 0.295 | 11.00               | 0.433 | 5.77        | 32.95  | 6.62         | 0.261 | F           |
| LCD063AC 04 M    |                  |       |                          |       |                           |       |                       |       |              |       | 10.30          | 0.406 | 15.50               | 0.610 | 3.93        | 22.44  | 9.14         | 0.360 | F           |
| LCD063AC 05 M    |                  |       |                          |       |                           |       |                       |       |              |       | 14.70          | 0.579 | 22.50               | 0.886 | 2.65        | 15.13  | 12.92        | 0.509 | F           |
| LCD050AE 01 M    | 4.50             | 0.177 | 5.00                     | 0.197 | 3.10                      | 0.122 | 0.50                  | 0.020 | 9.32         | 2.095 | 3.70           | 0.146 | 7.00                | 0.276 | 2.83        | 16.16  | 2.75         | 0.108 | F           |
| LCD050AE 02 M    |                  |       |                          |       |                           |       |                       |       |              |       | 5.10           | 0.201 | 10.00               | 0.394 | 1.81        | 10.33  | 3.75         | 0.148 | F           |
| LCD050AE 03 M    |                  |       |                          |       |                           |       |                       |       |              |       | 7.10           | 0.280 | 15.00               | 0.591 | 1.17        | 6.68   | 5.25         | 0.207 | F           |
| LCD050AE 04 M    |                  |       |                          |       |                           |       |                       |       |              |       | 9.80           | 0.386 | 21.50               | 0.846 | 0.79        | 4.51   | 7.25         | 0.285 | F           |
| LCD050AE 05 M    |                  |       |                          |       |                           |       |                       |       |              |       | 14.00          | 0.551 | 31.00               | 1.220 | 0.54        | 3.08   | 10.25        | 0.404 | F           |
| LCD063BA 01 M    | 4.63             | 0.182 | 5.00                     | 0.197 | 3.00                      | 0.118 | 0.63                  | 0.025 | 17.16        | 3.858 | 4.30           | 0.169 | 6.70                | 0.264 | 7.16        | 40.88  | 3.47         | 0.137 | F           |
| LCD063BA 02 M    |                  |       |                          |       |                           |       |                       |       |              |       | 5.80           | 0.228 | 9.60                | 0.378 | 4.55        | 25.98  | 4.73         | 0.186 | F           |
| LCD063BA 03 M    |                  |       |                          |       |                           |       |                       |       |              |       | 8.20           | 0.323 | 14.00               | 0.551 | 2.94        | 16.79  | 6.62         | 0.261 | F           |
| LCD063BA 04 M    |                  |       |                          |       |                           |       |                       |       |              |       | 11.30          | 0.445 | 20.00               | 0.787 | 2.00        | 11.42  | 9.14         | 0.360 | F           |
| LCD063BA 05 M    |                  |       |                          |       |                           |       |                       |       |              |       | 16.20          | 0.638 | 29.00               | 1.142 | 1.35        | 7.71   | 12.92        | 0.509 | F           |
| LCD080BB 01 M    | 4.80             | 0.189 | 5.30                     | 0.209 | 2.80                      | 0.110 | 0.80                  | 0.031 | 31.87        | 7.165 | 5.20           | 0.205 | 6.90                | 0.272 | 18.53       | 105.80 | 4.40         | 0.173 | F           |
| LCD080BB 02 M    |                  |       |                          |       |                           |       |                       |       |              |       | 7.00           | 0.276 | 9.70                | 0.382 | 11.87       | 67.78  | 6.00         | 0.236 | F           |
| LCD080BB 03 M    |                  |       |                          |       |                           |       |                       |       |              |       | 9.80           | 0.386 | 14.00               | 0.551 | 7.67        | 43.79  | 8.40         | 0.331 | F           |
| LCD080BB 04 M    |                  |       |                          |       |                           |       |                       |       |              |       | 13.50          | 0.531 | 19.50               | 0.768 | 5.22        | 29.81  | 11.60        | 0.457 | F           |
| LCD080BB 05 M    |                  |       |                          |       |                           |       |                       |       |              |       | 19.10          | 0.752 | 28.00               | 1.102 | 3.52        | 20.10  | 16.40        | 0.646 | F           |
| LCD050BD 01 M    | 5.50             | 0.217 | 6.20                     | 0.245 | 4.00                      | 0.157 | 0.50                  | 0.020 | 8.04         | 1.808 | 3.90           | 0.154 | 9.40                | 0.370 | 1.46        | 8.34   | 2.75         | 0.108 | F           |
| LCD050BD 02 M    |                  |       |                          |       |                           |       |                       |       |              |       | 5.40           | 0.213 | 14.00               | 0.551 | 0.93        | 5.31   | 3.75         | 0.148 | F           |
| LCD050BD 03 M    |                  |       |                          |       |                           |       |                       |       |              |       | 7.60           | 0.299 | 20.50               | 0.807 | 0.61        | 3.48   | 5.25         | 0.207 | F           |
| LCD050BD 04 M    |                  |       |                          |       |                           |       |                       |       |              |       | 10.60          | 0.417 | 30.00               | 1.181 | 0.41        | 2.34   | 7.25         | 0.285 | G           |
| LCD050BD 05 M    |                  |       |                          |       |                           |       |                       |       |              |       | 15.10          | 0.594 | 44.50               | 1.752 | 0.27        | 1.54   | 10.25        | 0.404 | G           |
| LCD063BE 01 M    | 5.63             | 0.222 | 6.10                     | 0.241 | 3.90                      | 0.153 | 0.63                  | 0.025 | 15.50        | 3.483 | 4.30           | 0.169 | 8.50                | 0.335 | 3.69        | 21.07  | 3.47         | 0.137 | F           |
| LCD063BE 02 M    |                  |       |                          |       |                           |       |                       |       |              |       | 5.80           | 0.228 | 12.50               | 0.492 | 2.35        | 13.42  | 4.73         | 0.186 | F           |
| LCD063BE 03 M    |                  |       |                          |       |                           |       |                       |       |              |       | 8.20           | 0.323 | 18.50               | 0.728 | 1.52        | 8.68   | 6.62         | 0.261 | F           |
| LCD063BE 04 M    |                  |       |                          |       |                           |       |                       |       |              |       | 11.30          | 0.445 | 26.00               | 1.024 | 1.03        | 5.88   | 9.14         | 0.360 | F           |
| LCD063BE 05 M    |                  |       |                          |       |                           |       |                       |       |              |       | 16.20          | 0.638 | 38.50               | 1.516 | 0.70        | 4.00   | 12.92        | 0.509 | G           |

## SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES- PART 1

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Nominal Load are pre-calculated for Stainless Steel.

# COMPRESSION SPRINGS: DIN-PLUS SERIES- PART 1 (METRIC)

ENDS ARE GROUND • Spring Steel EN 10270-1-SH (Plated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |        | WORKING HEIGHT |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|--------|----------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.    | MM             | IN.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   |             |
| LCD080BF 01 M    | 5.80             | 0.228 | 6.30                     | 0.249 | 3.80                      | 0.149 | 0.80                  | 0.031 | 25.99        | 5.843  | 5.60           | 0.220 | 8.30                | 0.327 | 9.53        | 54.42  | 4.40         | 0.173 | F           |
| LCD080BF 02 M    |                  |       |                          |       |                           |       |                       |       |              |        | 7.70           | 0.303 | 12.00               | 0.472 | 6.07        | 34.66  | 6.00         | 0.236 | F           |
| LCD080BF 03 M    |                  |       |                          |       |                           |       |                       |       |              |        | 10.90          | 0.429 | 17.50               | 0.689 | 3.92        | 22.38  | 8.40         | 0.331 | F           |
| LCD080BF 04 M    |                  |       |                          |       |                           |       |                       |       |              |        | 15.10          | 0.594 | 24.50               | 0.965 | 2.67        | 15.25  | 11.60        | 0.457 | G           |
| LCD080BF 05 M    |                  |       |                          |       |                           |       |                       |       |              |        | 21.50          | 0.846 | 36.00               | 1.417 | 1.80        | 10.28  | 16.40        | 0.646 | G           |
| LCD100C 01 M     | 6.00             | 0.236 | 6.50                     | 0.256 | 3.60                      | 0.141 | 1.00                  | 0.039 | 43.74        | 9.833  | 6.60           | 0.260 | 8.50                | 0.335 | 23.24       | 132.70 | 5.50         | 0.217 | F           |
| LCD100C 02 M     |                  |       |                          |       |                           |       |                       |       |              |        | 9.00           | 0.354 | 12.00               | 0.472 | 14.81       | 84.56  | 7.50         | 0.295 | F           |
| LCD100C 03 M     |                  |       |                          |       |                           |       |                       |       |              |        | 12.60          | 0.496 | 17.00               | 0.669 | 9.57        | 54.64  | 10.50        | 0.413 | F           |
| LCD100C 04 M     |                  |       |                          |       |                           |       |                       |       |              |        | 17.40          | 0.685 | 24.00               | 0.945 | 6.51        | 37.17  | 14.50        | 0.571 | F           |
| LCD100C 05 M     |                  |       |                          |       |                           |       |                       |       |              |        | 24.60          | 0.969 | 34.50               | 1.358 | 4.40        | 25.12  | 20.50        | 0.807 | G           |
| LCD050CE 01 M    | 6.80             | 0.268 | 7.50                     | 0.296 | 5.30                      | 0.208 | 0.50                  | 0.020 | 6.57         | 1.477  | 4.30           | 0.169 | 13.50               | 0.531 | 0.73        | 4.17   | 2.75         | 0.108 | F           |
| LCD050CE 02 M    |                  |       |                          |       |                           |       |                       |       |              |        | 6.00           | 0.236 | 20.00               | 0.787 | 0.46        | 2.63   | 3.75         | 0.148 | F           |
| LCD050CE 03 M    |                  |       |                          |       |                           |       |                       |       |              |        | 8.70           | 0.343 | 30.00               | 1.181 | 0.30        | 1.71   | 5.25         | 0.207 | F           |
| LCD050CE 04 M    |                  |       |                          |       |                           |       |                       |       |              |        | 12.20          | 0.480 | 44.00               | 1.732 | 0.21        | 1.20   | 7.25         | 0.285 | G           |
| LCD050CE 05 M    |                  |       |                          |       |                           |       |                       |       |              |        | 17.40          | 0.685 | 65.00               | 2.559 | 0.14        | 0.80   | 10.25        | 0.404 | G           |
| LCD063CF 01 M    | 6.93             | 0.273 | 7.60                     | 0.300 | 5.10                      | 0.200 | 0.63                  | 0.025 | 12.46        | 2.800  | 4.60           | 0.181 | 11.50               | 0.453 | 1.83        | 10.45  | 3.47         | 0.137 | G           |
| LCD063CF 02 M    |                  |       |                          |       |                           |       |                       |       |              |        | 6.20           | 0.244 | 17.00               | 0.669 | 1.17        | 6.68   | 4.73         | 0.186 | G           |
| LCD063CF 03 M    |                  |       |                          |       |                           |       |                       |       |              |        | 8.90           | 0.350 | 25.50               | 1.004 | 0.76        | 4.34   | 6.62         | 0.261 | G           |
| LCD063CF 04 M    |                  |       |                          |       |                           |       |                       |       |              |        | 12.30          | 0.484 | 36.50               | 1.437 | 0.51        | 2.91   | 9.14         | 0.360 | G           |
| LCD063CF 05 M    |                  |       |                          |       |                           |       |                       |       |              |        | 17.70          | 0.697 | 54.00               | 2.126 | 0.34        | 1.94   | 12.92        | 0.509 | G           |
| LCD080CG 01 M    | 7.10             | 0.280 | 7.70                     | 0.304 | 5.00                      | 0.196 | 0.80                  | 0.031 | 24.03        | 5.402  | 5.60           | 0.220 | 10.50               | 0.413 | 4.77        | 27.24  | 4.40         | 0.173 | F           |
| LCD080CG 02 M    |                  |       |                          |       |                           |       |                       |       |              |        | 7.70           | 0.303 | 15.50               | 0.610 | 3.03        | 17.30  | 6.00         | 0.236 | F           |
| LCD080CG 03 M    |                  |       |                          |       |                           |       |                       |       |              |        | 10.90          | 0.429 | 23.00               | 0.906 | 1.96        | 11.19  | 8.40         | 0.331 | F           |
| LCD080CG 04 M    |                  |       |                          |       |                           |       |                       |       |              |        | 15.10          | 0.594 | 33.00               | 1.299 | 1.33        | 7.59   | 11.60        | 0.457 | F           |
| LCD080CG 05 M    |                  |       |                          |       |                           |       |                       |       |              |        | 21.50          | 0.846 | 48.00               | 1.890 | 0.90        | 5.14   | 16.40        | 0.646 | G           |
| LCD100CH 01 M    | 7.30             | 0.287 | 7.80                     | 0.308 | 4.90                      | 0.192 | 1.00                  | 0.039 | 34.13        | 7.672  | 7.30           | 0.287 | 10.00               | 0.394 | 11.57       | 66.06  | 5.50         | 0.217 | F           |
| LCD100CH 02 M    |                  |       |                          |       |                           |       |                       |       |              |        | 10.10          | 0.398 | 14.50               | 0.571 | 7.39        | 42.20  | 7.50         | 0.295 | F           |
| LCD100CH 03 M    |                  |       |                          |       |                           |       |                       |       |              |        | 14.30          | 0.563 | 21.50               | 0.846 | 4.79        | 27.35  | 10.50        | 0.413 | F           |
| LCD100CH 04 M    |                  |       |                          |       |                           |       |                       |       |              |        | 19.90          | 0.783 | 30.50               | 1.201 | 3.26        | 18.61  | 14.50        | 0.571 | F           |
| LCD100CH 05 M    |                  |       |                          |       |                           |       |                       |       |              |        | 28.30          | 1.114 | 43.50               | 1.713 | 2.20        | 12.56  | 20.50        | 0.807 | G           |
| LCD125DA 01 M    | 7.55             | 0.297 | 8.10                     | 0.319 | 4.70                      | 0.185 | 1.25                  | 0.049 | 133.38       | 29.984 | 7.20           | 0.283 | 12.00               | 0.472 | 29.03       | 165.76 | 6.88         | 0.271 | F           |
| LCD125DA 02 M    |                  |       |                          |       |                           |       |                       |       |              |        | 9.80           | 0.386 | 17.00               | 0.669 | 18.04       | 103.01 | 9.38         | 0.369 | F           |
| LCD125DA 03 M    |                  |       |                          |       |                           |       |                       |       |              |        | 13.80          | 0.543 | 25.00               | 0.984 | 11.77       | 67.21  | 13.13        | 0.517 | F           |
| LCD125DA 04 M    |                  |       |                          |       |                           |       |                       |       |              |        | 19.20          | 0.756 | 35.50               | 1.398 | 8.09        | 46.19  | 18.13        | 0.714 | F           |
| LCD125DA 05 M    |                  |       |                          |       |                           |       |                       |       |              |        | 27.10          | 1.067 | 51.50               | 2.028 | 5.39        | 30.78  | 25.63        | 1.009 | G           |
| LCD063DF 01 M    | 8.63             | 0.340 | 9.40                     | 0.371 | 6.80                      | 0.267 | 0.63                  | 0.025 | 10.00        | 2.249  | 5.10           | 0.201 | 16.00               | 0.630 | 0.89        | 5.08   | 3.47         | 0.137 | F           |
| LCD063DF 02 M    |                  |       |                          |       |                           |       |                       |       |              |        | 7.10           | 0.280 | 24.50               | 0.965 | 0.57        | 3.25   | 4.73         | 0.186 | F           |
| LCD063DF 03 M    |                  |       |                          |       |                           |       |                       |       |              |        | 10.20          | 0.402 | 37.00               | 1.457 | 0.37        | 2.11   | 6.62         | 0.261 | F           |
| LCD063DF 04 M    |                  |       |                          |       |                           |       |                       |       |              |        | 14.30          | 0.563 | 55.00               | 2.165 | 0.25        | 1.43   | 9.14         | 0.360 | G           |
| LCD063DF 05 M    |                  |       |                          |       |                           |       |                       |       |              |        | 20.60          | 0.811 | 80.50               | 3.169 | 0.17        | 0.97   | 12.92        | 0.509 | G           |

## SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES- PART 1

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.  
**CALCULATIONS:** Spring Rate and Nominal Load are pre-calculated for Stainless Steel.

# COMPRESSION SPRINGS: DIN-PLUS SERIES- PART 1 (METRIC)

ENDS ARE GROUND • Spring Steel EN 10270-1-SH (Plated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |        | WORKING HEIGHT |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|--------|----------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.    | MM             | IN.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   |             |
| LCD080DG 01 M    | 8.80             | 0.346 | 9.60                     | 0.378 | 6.60                      | 0.259 | 0.80                  | 0.031 | 19.52        | 4.387  | 6.10           | 0.240 | 14.50               | 0.571 | 2.32        | 13.25  | 4.40         | 0.173 | F           |
| LCD080DG 02 M    |                  |       |                          |       |                           |       |                       |       |              |        | 8.40           | 0.331 | 21.50               | 0.846 | 1.48        | 8.45   | 6.00         | 0.236 | F           |
| LCD080DG 03 M    |                  |       |                          |       |                           |       |                       |       |              |        | 12.00          | 0.472 | 32.00               | 1.260 | 0.96        | 5.48   | 8.40         | 0.331 | F           |
| LCD080DG 04 M    |                  |       |                          |       |                           |       |                       |       |              |        | 16.70          | 0.657 | 47.00               | 1.850 | 0.65        | 3.71   | 11.60        | 0.457 | G           |
| LCD080DG 05 M    |                  |       |                          |       |                           |       |                       |       |              |        | 23.80          | 0.937 | 68.00               | 2.677 | 0.44        | 2.51   | 16.40        | 0.646 | G           |
| LCD100E 01 M     | 9.00             | 0.354 | 9.60                     | 0.378 | 6.50                      | 0.255 | 1.00                  | 0.039 | 33.15        | 7.452  | 7.30           | 0.287 | 13.00               | 0.512 | 5.68        | 32.43  | 5.50         | 0.217 | F           |
| LCD100E 02 M     |                  |       |                          |       |                           |       |                       |       |              |        | 10.10          | 0.398 | 19.00               | 0.748 | 3.61        | 20.61  | 7.50         | 0.295 | F           |
| LCD100E 03 M     |                  |       |                          |       |                           |       |                       |       |              |        | 14.30          | 0.563 | 28.50               | 1.122 | 2.33        | 13.30  | 10.50        | 0.413 | F           |
| LCD100E 04 M     |                  |       |                          |       |                           |       |                       |       |              |        | 19.90          | 0.783 | 40.50               | 1.594 | 1.59        | 9.08   | 14.50        | 0.571 | G           |
| LCD100E 05 M     |                  |       |                          |       |                           |       |                       |       |              |        | 28.30          | 1.114 | 59.00               | 2.323 | 1.08        | 6.17   | 20.50        | 0.807 | G           |
| LCD125EB 01 M    | 9.25             | 0.364 | 9.90                     | 0.390 | 6.10                      | 0.240 | 1.25                  | 0.049 | 104.94       | 23.590 | 7.40           | 0.291 | 15.00               | 0.591 | 14.32       | 81.77  | 6.88         | 0.271 | F           |
| LCD125EB 02 M    |                  |       |                          |       |                           |       |                       |       |              |        | 10.50          | 0.413 | 22.00               | 0.866 | 8.92        | 50.93  | 9.38         | 0.369 | F           |
| LCD125EB 03 M    |                  |       |                          |       |                           |       |                       |       |              |        | 14.90          | 0.587 | 33.00               | 1.299 | 5.83        | 33.29  | 13.13        | 0.517 | F           |
| LCD125EB 04 M    |                  |       |                          |       |                           |       |                       |       |              |        | 21.00          | 0.827 | 47.50               | 1.870 | 3.96        | 22.61  | 18.13        | 0.714 | G           |
| LCD125EB 05 M    |                  |       |                          |       |                           |       |                       |       |              |        | 30.00          | 1.181 | 69.00               | 2.717 | 2.69        | 15.36  | 25.63        | 1.009 | G           |
| LCD160EE 01 M    | 9.60             | 0.378 | 10.10                    | 0.398 | 5.90                      | 0.232 | 1.60                  | 0.063 | 211.83       | 47.622 | 9.00           | 0.354 | 14.50               | 0.571 | 37.27       | 212.81 | 8.80         | 0.346 | G           |
| LCD160EE 02 M    |                  |       |                          |       |                           |       |                       |       |              |        | 12.60          | 0.496 | 21.50               | 0.846 | 23.73       | 135.50 | 12.00        | 0.472 | G           |
| LCD160EE 03 M    |                  |       |                          |       |                           |       |                       |       |              |        | 17.90          | 0.705 | 31.50               | 1.240 | 15.40       | 87.93  | 16.80        | 0.661 | G           |
| LCD160EE 04 M    |                  |       |                          |       |                           |       |                       |       |              |        | 24.80          | 0.976 | 45.00               | 1.772 | 10.40       | 59.38  | 23.20        | 0.913 | G           |
| LCD160EE 05 M    |                  |       |                          |       |                           |       |                       |       |              |        | 35.20          | 1.386 | 65.50               | 2.579 | 7.05        | 40.25  | 32.80        | 1.291 | K           |
| LCD080F 01 M     | 10.80            | 0.425 | 11.60                    | 0.457 | 8.60                      | 0.338 | 0.80                  | 0.031 | 15.40        | 3.461  | 6.90           | 0.272 | 20.00               | 0.787 | 1.20        | 6.85   | 4.40         | 0.173 | F           |
| LCD080F 02 M     |                  |       |                          |       |                           |       |                       |       |              |        | 9.80           | 0.386 | 30.00               | 1.181 | 0.76        | 4.34   | 6.00         | 0.236 | F           |
| LCD080F 03 M     |                  |       |                          |       |                           |       |                       |       |              |        | 14.30          | 0.563 | 45.50               | 1.791 | 0.49        | 2.80   | 8.40         | 0.331 | G           |
| LCD080F 04 M     |                  |       |                          |       |                           |       |                       |       |              |        | 19.90          | 0.783 | 66.00               | 2.598 | 0.33        | 1.88   | 11.60        | 0.457 | J           |
| LCD080F 05 M     |                  |       |                          |       |                           |       |                       |       |              |        | 28.50          | 1.122 | 96.50               | 3.799 | 0.23        | 1.31   | 16.40        | 0.646 | K           |
| LCD100FC 01 M    | 11.00            | 0.433 | 11.80                    | 0.465 | 8.40                      | 0.330 | 1.00                  | 0.039 | 27.36        | 6.151  | 8.00           | 0.315 | 17.50               | 0.689 | 2.90        | 16.56  | 5.50         | 0.217 | F           |
| LCD100FC 02 M    |                  |       |                          |       |                           |       |                       |       |              |        | 11.20          | 0.441 | 26.00               | 1.024 | 1.85        | 10.56  | 7.50         | 0.295 | F           |
| LCD100FC 03 M    |                  |       |                          |       |                           |       |                       |       |              |        | 16.00          | 0.630 | 39.00               | 1.535 | 1.20        | 6.85   | 10.50        | 0.413 | G           |
| LCD100FC 04 M    |                  |       |                          |       |                           |       |                       |       |              |        | 22.40          | 0.882 | 56.00               | 2.205 | 0.81        | 4.63   | 14.50        | 0.571 | G           |
| LCD100FC 05 M    |                  |       |                          |       |                           |       |                       |       |              |        | 32.00          | 1.260 | 81.50               | 3.209 | 0.55        | 3.14   | 20.50        | 0.807 | G           |
| LCD125FF 01 M    | 11.25            | 0.443 | 11.90                    | 0.469 | 8.20                      | 0.322 | 1.25                  | 0.049 | 85.42        | 19.203 | 7.70           | 0.303 | 20.00               | 0.787 | 7.09        | 40.48  | 6.88         | 0.271 | F           |
| LCD125FF 02 M    |                  |       |                          |       |                           |       |                       |       |              |        | 10.80          | 0.425 | 29.50               | 1.161 | 4.51        | 25.75  | 9.38         | 0.369 | G           |
| LCD125FF 03 M    |                  |       |                          |       |                           |       |                       |       |              |        | 15.20          | 0.598 | 44.50               | 1.752 | 2.92        | 16.67  | 13.13        | 0.517 | J           |
| LCD125FF 04 M    |                  |       |                          |       |                           |       |                       |       |              |        | 21.10          | 0.831 | 64.00               | 2.520 | 1.99        | 11.36  | 18.13        | 0.714 | K           |
| LCD125FF 05 M    |                  |       |                          |       |                           |       |                       |       |              |        | 30.00          | 1.181 | 93.50               | 3.681 | 1.34        | 7.65   | 25.63        | 1.009 | K           |
| LCD160FG 01 M    | 11.60            | 0.457 | 12.10                    | 0.477 | 7.90                      | 0.311 | 1.60                  | 0.063 | 169.66       | 38.141 | 9.40           | 0.370 | 18.50               | 0.728 | 19.12       | 109.17 | 8.80         | 0.346 | F           |
| LCD160FG 02 M    |                  |       |                          |       |                           |       |                       |       |              |        | 13.20          | 0.520 | 27.00               | 1.063 | 12.16       | 69.43  | 12.00        | 0.472 | G           |
| LCD160FG 03 M    |                  |       |                          |       |                           |       |                       |       |              |        | 18.90          | 0.744 | 40.50               | 1.594 | 7.87        | 44.94  | 16.80        | 0.661 | G           |
| LCD160FG 04 M    |                  |       |                          |       |                           |       |                       |       |              |        | 26.50          | 1.043 | 58.50               | 2.303 | 5.33        | 30.43  | 23.20        | 0.913 | K           |
| LCD160FG 05 M    |                  |       |                          |       |                           |       |                       |       |              |        | 37.90          | 1.492 | 85.00               | 3.346 | 3.61        | 20.61  | 32.80        | 1.291 | K           |

## SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES- PART 1

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Nominal Load are pre-calculated for Stainless Steel.

# COMPRESSION SPRINGS: DIN-PLUS SERIES- PART 1 (METRIC)

ENDS ARE GROUND • Spring Steel EN 10270-1-SH (Plated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |         | WORKING HEIGHT |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|---------|----------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.     | MM             | IN.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   |             |
| LCD200G 01 M     | 12.00            | 0.472 | 12.50                    | 0.493 | 7.50                      | 0.295 | 2.00                  | 0.079 | 317.75       | 71.433  | 11.20          | 0.441 | 18.00               | 0.709 | 46.58       | 265.97 | 11.00        | 0.433 | L           |
| LCD200G 02 M     |                  |       |                          |       |                           |       |                       |       |              |         | 15.60          | 0.614 | 26.50               | 1.043 | 29.71       | 169.64 | 15.00        | 0.591 | L           |
| LCD200G 03 M     |                  |       |                          |       |                           |       |                       |       |              |         | 22.00          | 0.866 | 38.50               | 1.516 | 19.22       | 109.74 | 21.00        | 0.827 | N           |
| LCD200G 04 M     |                  |       |                          |       |                           |       |                       |       |              |         | 30.60          | 1.205 | 55.00               | 2.165 | 13.04       | 74.46  | 29.00        | 1.142 | S           |
| LCD200G 05 M     |                  |       |                          |       |                           |       |                       |       |              |         | 43.40          | 1.709 | 79.50               | 3.130 | 8.81        | 50.30  | 41.00        | 1.614 | X           |
| LCD100GH 01 M    | 13.50            | 0.531 | 14.40                    | 0.567 | 10.80                     | 0.425 | 1.00                  | 0.039 | 21.97        | 4.939   | 9.40           | 0.370 | 24.00               | 0.945 | 1.49        | 8.51   | 5.50         | 0.217 | F           |
| LCD100GH 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 13.40          | 0.528 | 36.50               | 1.437 | 0.95        | 5.42   | 7.50         | 0.295 | G           |
| LCD100GH 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 19.40          | 0.764 | 55.50               | 2.185 | 0.61        | 3.48   | 10.50        | 0.413 | G           |
| LCD100GH 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 27.40          | 1.079 | 80.50               | 3.169 | 0.41        | 2.34   | 14.50        | 0.571 | L           |
| LCD100GH 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 39.40          | 1.551 | 115.00              | 4.528 | 0.28        | 1.60   | 20.50        | 0.807 | R           |
| LCD125GJ 01 M    | 13.75            | 0.541 | 14.60                    | 0.575 | 10.60                     | 0.417 | 1.25                  | 0.049 | 69.04        | 15.521  | 8.20           | 0.323 | 27.00               | 1.063 | 3.63        | 20.73  | 6.88         | 0.271 | G           |
| LCD125GJ 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 11.60          | 0.457 | 41.50               | 1.634 | 2.31        | 13.19  | 9.38         | 0.369 | G           |
| LCD125GJ 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 16.50          | 0.650 | 62.50               | 2.461 | 1.49        | 8.51   | 13.13        | 0.517 | G           |
| LCD125GJ 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 23.10          | 0.909 | 90.50               | 3.563 | 1.02        | 5.82   | 18.13        | 0.714 | N           |
| LCD125GJ 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 32.90          | 1.295 | 130.00              | 5.118 | 0.69        | 3.94   | 25.63        | 1.009 | W           |
| LCD160GL 01 M    | 14.10            | 0.555 | 14.70                    | 0.579 | 10.30                     | 0.405 | 1.60                  | 0.063 | 135.34       | 30.425  | 10.00          | 0.394 | 24.00               | 0.945 | 9.76        | 55.73  | 8.80         | 0.346 | G           |
| LCD160GL 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 14.10          | 0.555 | 36.00               | 1.417 | 6.23        | 35.57  | 12.00        | 0.472 | G           |
| LCD160GL 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 20.10          | 0.791 | 53.50               | 2.106 | 4.04        | 23.07  | 16.80        | 0.661 | J           |
| LCD160GL 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 28.00          | 1.102 | 78.00               | 3.071 | 2.73        | 15.59  | 23.20        | 0.913 | P           |
| LCD160GL 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 39.90          | 1.571 | 115.00              | 4.528 | 1.84        | 10.51  | 32.80        | 1.291 | U           |
| LCD200GM 01 M    | 14.50            | 0.571 | 15.10                    | 0.595 | 9.90                      | 0.389 | 2.00                  | 0.079 | 254.00       | 57.102  | 11.70          | 0.461 | 22.50               | 0.886 | 23.93       | 136.64 | 11.00        | 0.433 | L           |
| LCD200GM 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 16.40          | 0.646 | 33.00               | 1.299 | 15.20       | 86.79  | 15.00        | 0.591 | N           |
| LCD200GM 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 23.50          | 0.925 | 49.50               | 1.949 | 9.81        | 56.01  | 21.00        | 0.827 | S           |
| LCD200GM 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 33.00          | 1.299 | 71.00               | 2.795 | 6.69        | 38.20  | 29.00        | 1.142 | W           |
| LCD200GM 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 47.20          | 1.858 | 105.00              | 4.134 | 4.52        | 25.81  | 41.00        | 1.614 | AG          |
| LCD250H 01 M     | 15.00            | 0.591 | 15.60                    | 0.615 | 9.40                      | 0.370 | 2.50                  | 0.098 | 467.79       | 105.165 | 14.00          | 0.551 | 22.00               | 0.866 | 58.35       | 333.17 | 13.75        | 0.541 | N           |
| LCD250H 02 M     |                  |       |                          |       |                           |       |                       |       |              |         | 19.50          | 0.768 | 32.00               | 1.260 | 37.17       | 212.24 | 18.75        | 0.738 | R           |
| LCD250H 03 M     |                  |       |                          |       |                           |       |                       |       |              |         | 27.80          | 1.094 | 47.50               | 1.870 | 24.03       | 137.21 | 26.25        | 1.033 | S           |
| LCD250H 04 M     |                  |       |                          |       |                           |       |                       |       |              |         | 38.70          | 1.524 | 67.50               | 2.657 | 16.28       | 92.96  | 36.25        | 1.427 | X           |
| LCD250H 05 M     |                  |       |                          |       |                           |       |                       |       |              |         | 55.10          | 2.169 | 98.00               | 3.858 | 10.98       | 62.69  | 51.25        | 2.018 | AJ          |
| LCD125HK 01 M    | 17.25            | 0.679 | 18.20                    | 0.717 | 14.10                     | 0.555 | 1.25                  | 0.049 | 54.23        | 12.192  | 9.10           | 0.358 | 40.50               | 1.594 | 1.73        | 9.88   | 6.88         | 0.271 | K           |
| LCD125HK 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 12.90          | 0.508 | 62.00               | 2.441 | 1.10        | 6.28   | 9.38         | 0.369 | L           |
| LCD125HK 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 18.50          | 0.728 | 94.00               | 3.701 | 0.72        | 4.11   | 13.13        | 0.517 | N           |
| LCD125HK 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 26.00          | 1.024 | 140.00              | 5.512 | 0.48        | 2.74   | 18.13        | 0.714 | W           |
| LCD125HK 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 37.30          | 1.469 | 205.00              | 8.071 | 0.32        | 1.83   | 25.63        | 1.009 | AG          |
| LCD160HM 01 M    | 17.60            | 0.693 | 18.50                    | 0.729 | 13.70                     | 0.539 | 1.60                  | 0.063 | 105.92       | 23.811  | 11.00          | 0.433 | 34.00               | 1.339 | 4.65        | 26.55  | 8.80         | 0.346 | L           |
| LCD160HM 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 15.50          | 0.610 | 51.50               | 2.028 | 2.96        | 16.90  | 12.00        | 0.472 | U           |
| LCD160HM 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 22.20          | 0.874 | 77.50               | 3.051 | 1.92        | 10.96  | 16.80        | 0.661 | AC          |
| LCD160HM 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 31.20          | 1.228 | 110.00              | 4.331 | 1.30        | 7.42   | 23.20        | 0.913 | AJ          |
| LCD160HM 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 44.60          | 1.756 | 165.00              | 6.496 | 0.88        | 5.02   | 32.80        | 1.291 | AL          |

## SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES- PART 1

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.  
**CALCULATIONS:** Spring Rate and Nominal Load are pre-calculated for Stainless Steel.

# COMPRESSION SPRINGS: DIN-PLUS SERIES- PART 1 (METRIC)

ENDS ARE GROUND • Spring Steel EN 10270-1-SH (Plated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |         | WORKING HEIGHT |       | NOMINAL FREE LENGTH |       | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|---------|----------------|-------|---------------------|-------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.     | MM             | IN.   | MM                  | IN.   | N/MM        | LB/IN. | MM           | IN.   |             |
| LCD200HN 01 M    | 18.00            | 0.709 | 18.60                    | 0.733 | 13.40                     | 0.527 | 2.00                  | 0.079 | 198.10       | 44.535  | 12.50          | 0.492 | 30.00               | 1.181 | 11.38       | 64.98  | 11.00        | 0.433 | N           |
| LCD200HN 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 17.70          | 0.697 | 45.00               | 1.772 | 7.24        | 41.34  | 15.00        | 0.591 | S           |
| LCD200HN 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 25.50          | 1.004 | 68.00               | 2.677 | 4.69        | 26.78  | 21.00        | 0.827 | AB          |
| LCD200HN 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 35.90          | 1.413 | 98.00               | 3.858 | 3.19        | 18.21  | 29.00        | 1.142 | AJ          |
| LCD200HN 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 51.40          | 2.024 | 145.00              | 5.709 | 2.16        | 12.33  | 41.00        | 1.614 | AN          |
| LCD250JK 01 M    | 18.50            | 0.728 | 19.10                    | 0.752 | 12.90                     | 0.507 | 2.50                  | 0.098 | 364.82       | 82.015  | 14.60          | 0.575 | 27.50               | 1.083 | 27.75       | 158.45 | 13.75        | 0.541 | U           |
| LCD250JK 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 20.50          | 0.807 | 41.00               | 1.614 | 17.65       | 100.78 | 18.75        | 0.738 | W           |
| LCD250JK 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 29.30          | 1.154 | 61.00               | 2.402 | 11.47       | 65.49  | 26.25        | 1.033 | AB          |
| LCD250JK 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 41.10          | 1.618 | 88.00               | 3.465 | 7.78        | 44.42  | 36.25        | 1.427 | AJ          |
| LCD250JK 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 58.90          | 2.319 | 130.00              | 5.118 | 5.25        | 29.98  | 51.25        | 2.018 | AN          |
| LCD320JL 01 M    | 19.20            | 0.756 | 19.80                    | 0.780 | 12.20                     | 0.480 | 3.20                  | 0.126 | 720.82       | 162.046 | 17.80          | 0.701 | 27.50               | 1.083 | 74.33       | 424.42 | 17.60        | 0.693 | AB          |
| LCD320JL 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 24.90          | 0.980 | 40.00               | 1.575 | 47.37       | 270.48 | 24.00        | 0.945 | AB          |
| LCD320JL 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 35.40          | 1.394 | 59.00               | 2.323 | 30.69       | 175.24 | 33.60        | 1.323 | AC          |
| LCD320JL 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 49.00          | 1.929 | 83.50               | 3.287 | 20.79       | 118.71 | 46.40        | 1.827 | AL          |
| LCD320JL 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 69.40          | 2.732 | 120.00              | 4.724 | 14.12       | 80.62  | 65.60        | 2.583 | AO          |
| LCD160K 01 M     | 21.60            | 0.850 | 22.60                    | 0.890 | 17.50                     | 0.688 | 1.60                  | 0.063 | 84.83        | 19.071  | 12.40          | 0.488 | 48.00               | 1.890 | 2.38        | 13.59  | 8.80         | 0.346 | N           |
| LCD160K 02 M     |                  |       |                          |       |                           |       |                       |       |              |         | 17.60          | 0.693 | 73.50               | 2.894 | 1.52        | 8.68   | 12.00        | 0.472 | S           |
| LCD160K 03 M     |                  |       |                          |       |                           |       |                       |       |              |         | 25.50          | 1.004 | 110.00              | 4.331 | 0.99        | 5.65   | 16.80        | 0.661 | W           |
| LCD160K 04 M     |                  |       |                          |       |                           |       |                       |       |              |         | 36.00          | 1.417 | 165.00              | 6.496 | 0.67        | 3.83   | 23.20        | 0.913 | AG          |
| LCD160K 05 M     |                  |       |                          |       |                           |       |                       |       |              |         | 51.80          | 2.039 | 240.00              | 9.449 | 0.45        | 2.57   | 32.80        | 1.291 | AL          |
| LCD200KK 01 M    | 22.00            | 0.866 | 22.90                    | 0.902 | 17.10                     | 0.673 | 2.00                  | 0.079 | 158.87       | 35.716  | 13.60          | 0.535 | 41.00               | 1.614 | 5.83        | 33.29  | 11.00        | 0.433 | S           |
| LCD200KK 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 19.20          | 0.756 | 62.00               | 2.441 | 3.71        | 21.18  | 15.00        | 0.591 | W           |
| LCD200KK 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 27.60          | 1.087 | 94.00               | 3.701 | 2.39        | 13.65  | 21.00        | 0.827 | AE          |
| LCD200KK 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 38.80          | 1.528 | 135.00              | 5.315 | 1.63        | 9.31   | 29.00        | 1.142 | AJ          |
| LCD200KK 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 55.60          | 2.189 | 200.00              | 7.874 | 1.10        | 6.28   | 41.00        | 1.614 | AM          |
| LCD250KL 01 M    | 22.50            | 0.886 | 23.20                    | 0.914 | 16.80                     | 0.661 | 2.50                  | 0.098 | 292.25       | 65.700  | 15.50          | 0.610 | 36.00               | 1.417 | 14.22       | 81.19  | 13.75        | 0.541 | U           |
| LCD250KL 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 21.90          | 0.862 | 54.00               | 2.126 | 9.05        | 51.67  | 18.75        | 0.738 | X           |
| LCD250KL 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 31.50          | 1.240 | 81.50               | 3.209 | 5.85        | 33.40  | 26.25        | 1.033 | AG          |
| LCD250KL 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 44.30          | 1.744 | 120.00              | 4.724 | 3.98        | 22.73  | 36.25        | 1.427 | AL          |
| LCD250KL 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 63.60          | 2.504 | 175.00              | 6.890 | 2.69        | 15.36  | 51.25        | 2.018 | AN          |
| LCD320KM 01 M    | 23.20            | 0.913 | 23.90                    | 0.941 | 16.10                     | 0.633 | 3.20                  | 0.126 | 576.65       | 129.637 | 18.50          | 0.728 | 33.50               | 1.319 | 38.15       | 217.83 | 17.60        | 0.693 | AB          |
| LCD320KM 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 25.90          | 1.020 | 49.50               | 1.949 | 24.22       | 138.29 | 24.00        | 0.945 | AC          |
| LCD320KM 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 37.10          | 1.461 | 74.00               | 2.913 | 15.69       | 89.59  | 33.60        | 1.323 | AJ          |
| LCD320KM 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 51.60          | 2.031 | 105.00              | 4.134 | 10.69       | 61.04  | 46.40        | 1.827 | AM          |
| LCD320KM 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 73.20          | 2.882 | 155.00              | 6.102 | 7.21        | 41.17  | 65.60        | 2.583 | AO          |
| LCD400KP 01 M    | 24.00            | 0.945 | 24.70                    | 0.973 | 15.30                     | 0.602 | 4.00                  | 0.157 | 1068.96      | 240.314 | 22.20          | 0.874 | 33.50               | 1.319 | 93.07       | 531.42 | 22.00        | 0.866 | AC          |
| LCD400KP 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 31.00          | 1.220 | 49.00               | 1.929 | 59.23       | 338.20 | 30.00        | 1.181 | AG          |
| LCD400KP 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 44.20          | 1.740 | 72.00               | 2.835 | 38.34       | 218.92 | 42.00        | 1.654 | AL          |
| LCD400KP 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 61.70          | 2.429 | 105.00              | 4.134 | 26.09       | 148.97 | 58.00        | 2.283 | AN          |
| LCD400KP 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 87.70          | 3.453 | 150.00              | 5.906 | 17.55       | 100.21 | 82.00        | 3.228 | AP          |

## SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES- PART 1

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Nominal Load are pre-calculated for Stainless Steel.

# COMPRESSION SPRINGS: DIN-PLUS SERIES- PART 1 (METRIC)

ENDS ARE GROUND • Spring Steel EN 10270-1-SH (Plated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |         | WORKING HEIGHT |       | NOMINAL FREE LENGTH |        | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|---------|----------------|-------|---------------------|--------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.     | MM             | IN.   | MM                  | IN.    | N/MM        | LB/IN. | MM           | IN.   |             |
| LCD200LM 01 M    | 27.00            | 1.063 | 28.00                    | 1.103 | 22.00                     | 0.866 | 2.00                  | 0.079 | 127.49       | 28.661  | 15.00          | 0.591 | 58.00               | 2.283  | 2.98        | 17.02  | 11.00        | 0.433 | AC          |
| LCD200LM 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 21.40          | 0.843 | 88.50               | 3.484  | 1.90        | 10.85  | 15.00        | 0.591 | AG          |
| LCD200LM 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 31.00          | 1.220 | 135.00              | 5.315  | 1.23        | 7.02   | 21.00        | 0.827 | AN          |
| LCD200LM 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 43.80          | 1.724 | 195.00              | 7.677  | 0.83        | 4.74   | 29.00        | 1.142 | AN          |
| LCD200LM 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 63.00          | 2.480 | 290.00              | 11.417 | 0.57        | 3.25   | 41.00        | 1.614 | AP          |
| LCD250LP 01 M    | 27.50            | 1.083 | 28.40                    | 1.119 | 21.60                     | 0.850 | 2.50                  | 0.098 | 233.41       | 52.472  | 16.80          | 0.661 | 49.00               | 1.929  | 7.29        | 41.63  | 13.75        | 0.541 | AC          |
| LCD250LP 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 24.00          | 0.945 | 74.50               | 2.933  | 4.64        | 26.49  | 18.75        | 0.738 | AG          |
| LCD250LP 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 34.80          | 1.370 | 115.00              | 4.528  | 3.00        | 17.13  | 26.25        | 1.033 | AN          |
| LCD250LP 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 49.20          | 1.937 | 165.00              | 6.496  | 2.04        | 11.65  | 36.25        | 1.427 | AO          |
| LCD250LP 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 70.80          | 2.787 | 240.00              | 9.449  | 1.38        | 7.88   | 51.25        | 2.018 | AS          |
| LCD320LR 01 M    | 28.20            | 1.110 | 28.90                    | 1.138 | 21.10                     | 0.830 | 3.20                  | 0.126 | 460.93       | 103.621 | 19.10          | 0.752 | 42.50               | 1.673  | 19.42       | 110.89 | 17.60        | 0.693 | AE          |
| LCD320LR 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 26.30          | 1.035 | 63.50               | 2.500  | 12.36       | 70.57  | 24.00        | 0.945 | AJ          |
| LCD320LR 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 37.10          | 1.461 | 94.50               | 3.720  | 8.02        | 45.79  | 33.60        | 1.323 | AO          |
| LCD320LR 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 51.60          | 2.031 | 135.00              | 5.315  | 5.45        | 31.12  | 46.40        | 1.827 | AO          |
| LCD320LR 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 73.20          | 2.882 | 200.00              | 7.874  | 3.68        | 21.01  | 65.60        | 2.583 | AS          |
| LCD400LS 01 M    | 29.00            | 1.142 | 29.70                    | 1.170 | 20.30                     | 0.799 | 4.00                  | 0.157 | 852.23       | 191.589 | 22.90          | 0.902 | 41.00               | 1.614  | 47.66       | 272.13 | 22.00        | 0.866 | AG          |
| LCD400LS 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 32.20          | 1.268 | 60.50               | 2.382  | 30.30       | 173.01 | 30.00        | 1.181 | AL          |
| LCD400LS 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 46.00          | 1.811 | 89.50               | 3.524  | 19.61       | 111.97 | 42.00        | 1.654 | AP          |
| LCD400LS 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 64.50          | 2.539 | 130.00              | 5.118  | 13.34       | 76.17  | 58.00        | 2.283 | AP          |
| LCD400LS 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 92.10          | 3.626 | 185.00              | 7.283  | 9.02        | 51.50  | 82.00        | 3.228 | AT          |
| LCD500LX 01 M    | 30.00            | 1.181 | 30.70                    | 1.209 | 19.30                     | 0.759 | 5.00                  | 0.197 | 1569.12      | 352.754 | 27.60          | 1.087 | 41.00               | 1.614  | 116.70      | 666.35 | 27.50        | 1.083 | AL          |
| LCD500LX 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 38.50          | 1.516 | 60.00               | 2.362  | 74.04       | 422.76 | 37.50        | 1.476 | AM          |
| LCD500LX 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 54.90          | 2.161 | 87.50               | 3.445  | 47.86       | 273.28 | 52.50        | 2.067 | AS          |
| LCD500LX 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 76.70          | 3.020 | 125.00              | 4.921  | 32.56       | 185.91 | 72.50        | 2.854 | AT          |
| LCD500LX 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 109.00         | 4.291 | 180.00              | 7.087  | 21.97       | 125.45 | 102.50       | 4.035 | AU          |
| LCD250M 01 M     | 34.50            | 1.358 | 36.00                    | 1.418 | 28.30                     | 1.114 | 2.50                  | 0.098 | 182.41       | 41.008  | 19.30          | 0.760 | 71.50               | 2.815  | 3.48        | 19.87  | 13.75        | 0.541 | AE          |
| LCD250M 02 M     |                  |       |                          |       |                           |       |                       |       |              |         | 27.90          | 1.098 | 110.00              | 4.331  | 2.22        | 12.68  | 18.75        | 0.738 | AJ          |
| LCD250M 03 M     |                  |       |                          |       |                           |       |                       |       |              |         | 40.70          | 1.602 | 170.00              | 6.693  | 1.43        | 8.17   | 26.25        | 1.033 | AP          |
| LCD250M 04 M     |                  |       |                          |       |                           |       |                       |       |              |         | 58.10          | 2.287 | 245.00              | 9.646  | 0.97        | 5.54   | 36.25        | 1.427 | AU          |
| LCD250M 05 M     |                  |       |                          |       |                           |       |                       |       |              |         | 83.90          | 3.303 | 360.00              | 14.173 | 0.66        | 3.77   | 51.25        | 2.018 | AY          |
| LCD320MP 01 M    | 35.20            | 1.386 | 36.50                    | 1.438 | 27.60                     | 1.086 | 3.20                  | 0.126 | 360.90       | 81.133  | 19.80          | 0.780 | 58.50               | 2.303  | 9.31        | 53.16  | 17.60        | 0.693 | AG          |
| LCD320MP 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 27.40          | 1.079 | 88.50               | 3.484  | 5.92        | 33.80  | 24.00        | 0.945 | AL          |
| LCD320MP 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 38.80          | 1.528 | 135.00              | 5.315  | 3.82        | 21.81  | 33.60        | 1.323 | AP          |
| LCD320MP 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 54.10          | 2.130 | 190.00              | 7.480  | 2.61        | 14.90  | 46.40        | 1.827 | AU          |
| LCD320MP 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 77.00          | 3.031 | 280.00              | 11.024 | 1.76        | 10.05  | 65.60        | 2.583 | AY          |
| LCD400MR 01 M    | 36.00            | 1.417 | 37.00                    | 1.457 | 27.00                     | 1.062 | 4.00                  | 0.157 | 665.90       | 149.700 | 24.00          | 0.945 | 53.50               | 2.106  | 22.75       | 129.90 | 22.00        | 0.866 | AJ          |
| LCD400MR 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 33.30          | 1.311 | 79.50               | 3.130  | 14.42       | 82.34  | 30.00        | 1.181 | AM          |
| LCD400MR 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 47.20          | 1.858 | 120.00              | 4.724  | 9.35        | 53.39  | 42.00        | 1.654 | AS          |
| LCD400MR 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 65.80          | 2.591 | 170.00              | 6.693  | 6.35        | 36.26  | 58.00        | 2.283 | AW          |
| LCD400MR 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 93.60          | 3.685 | 250.00              | 9.843  | 4.30        | 24.55  | 82.00        | 3.228 | AZ          |

## SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES- PART 1

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.  
**CALCULATIONS:** Spring Rate and Nominal Load are pre-calculated for Stainless Steel.

# COMPRESSION SPRINGS: DIN-PLUS SERIES- PART 1 (METRIC)

ENDS ARE GROUND • Spring Steel EN 10270-1-SH (Plated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |         | WORKING HEIGHT |       | NOMINAL FREE LENGTH |        | SPRING RATE |         | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|---------|----------------|-------|---------------------|--------|-------------|---------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.     | MM             | IN.   | MM                  | IN.    | N/MM        | LB/IN.  | MM           | IN.   |             |
| LCD500MT 01 M    | 37.00            | 1.457 | 38.00                    | 1.497 | 26.00                     | 1.023 | 5.00                  | 0.197 | 1225.88      | 275.589 | 28.70          | 1.130 | 51.00               | 2.008  | 55.41       | 316.39  | 27.50        | 1.083 | AL          |
| LCD500MT 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 40.20          | 1.583 | 75.00               | 2.953  | 35.30       | 201.56  | 37.50        | 1.476 | AN          |
| LCD500MT 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 57.50          | 2.264 | 110.00              | 4.331  | 22.85       | 130.47  | 52.50        | 2.067 | AT          |
| LCD500MT 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 80.50          | 3.169 | 160.00              | 6.299  | 15.49       | 88.45   | 72.50        | 2.854 | AX          |
| LCD500MT 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 115.00         | 4.528 | 230.00              | 9.055  | 10.49       | 59.90   | 102.50       | 4.035 | AZ          |
| LCD630MX 01 M    | 38.30            | 1.508 | 39.50                    | 1.556 | 24.60                     | 0.968 | 6.30                  | 0.248 | 2314.45      | 520.312 | 35.00          | 1.378 | 50.00               | 1.969  | 140.24      | 800.76  | 34.65        | 1.364 | AM          |
| LCD630MX 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 49.00          | 1.929 | 75.00               | 2.953  | 89.14       | 508.98  | 47.25        | 1.860 | AO          |
| LCD630MX 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 69.00          | 2.717 | 110.00              | 4.331  | 57.66       | 329.23  | 66.15        | 2.604 | AU          |
| LCD630MX 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 97.00          | 3.819 | 155.00              | 6.102  | 39.23       | 224.00  | 91.35        | 3.596 | AY          |
| LCD630MX 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 137.00         | 5.394 | 225.00              | 8.858  | 26.48       | 151.20  | 129.15       | 5.085 | AZA         |
| LCD320N 01 M     | 43.20            | 1.701 | 44.60                    | 1.756 | 35.60                     | 1.401 | 3.20                  | 0.126 | 288.33       | 64.819  | 21.20          | 0.835 | 82.00               | 3.228  | 4.76        | 27.18   | 17.60        | 0.693 | AL          |
| LCD320N 02 M     |                  |       |                          |       |                           |       |                       |       |              |         | 29.70          | 1.169 | 125.00              | 4.921  | 3.03        | 17.30   | 24.00        | 0.945 | AO          |
| LCD320N 03 M     |                  |       |                          |       |                           |       |                       |       |              |         | 42.30          | 1.665 | 190.00              | 7.480  | 1.96        | 11.19   | 33.60        | 1.323 | AZ          |
| LCD320N 04 M     |                  |       |                          |       |                           |       |                       |       |              |         | 59.20          | 2.331 | 275.00              | 10.827 | 1.33        | 7.59    | 46.40        | 1.827 | AZD         |
| LCD320N 05 M     |                  |       |                          |       |                           |       |                       |       |              |         | 84.50          | 3.327 | 405.00              | 15.945 | 0.90        | 5.14    | 65.60        | 2.583 | AZF         |
| LCD400NP 01 M    | 44.00            | 1.732 | 45.20                    | 1.780 | 34.80                     | 1.370 | 4.00                  | 0.157 | 532.52       | 119.716 | 25.20          | 0.992 | 71.00               | 2.795  | 11.67       | 66.63   | 22.00        | 0.866 | AM          |
| LCD400NP 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 35.10          | 1.382 | 105.00              | 4.134  | 7.40        | 42.25   | 30.00        | 1.181 | AP          |
| LCD400NP 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 50.00          | 1.969 | 160.00              | 6.299  | 4.79        | 27.35   | 42.00        | 1.654 | AZA         |
| LCD400NP 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 69.80          | 2.748 | 235.00              | 9.252  | 3.26        | 18.61   | 58.00        | 2.283 | AZF         |
| LCD400NP 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 99.60          | 3.921 | 340.00              | 13.386 | 2.20        | 12.56   | 82.00        | 3.228 | AZG         |
| LCD500NR 01 M    | 45.00            | 1.772 | 46.00                    | 1.812 | 34.00                     | 1.338 | 5.00                  | 0.197 | 980.70       | 220.471 | 29.60          | 1.165 | 64.00               | 2.520  | 28.34       | 161.82  | 27.50        | 1.083 | AN          |
| LCD500NR 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 41.10          | 1.618 | 95.50               | 3.760  | 18.04       | 103.01  | 37.50        | 1.476 | AS          |
| LCD500NR 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 58.40          | 2.299 | 140.00              | 5.512  | 11.67       | 66.63   | 52.50        | 2.067 | AZF         |
| LCD500NR 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 81.40          | 3.205 | 205.00              | 8.071  | 7.94        | 45.34   | 72.50        | 2.854 | AZH         |
| LCD500NR 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 116.00         | 4.567 | 300.00              | 11.811 | 5.36        | 30.61   | 102.50       | 4.035 | AZK         |
| LCD630NT 01 M    | 46.30            | 1.823 | 47.50                    | 1.871 | 32.60                     | 1.283 | 6.30                  | 0.248 | 1853.52      | 416.691 | 36.00          | 1.417 | 60.00               | 2.362  | 71.69       | 409.34  | 34.65        | 1.364 | AT          |
| LCD630NT 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 50.30          | 1.980 | 90.00               | 3.543  | 45.60       | 260.37  | 47.25        | 1.860 | AW          |
| LCD630NT 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 71.80          | 2.827 | 135.00              | 5.315  | 29.52       | 168.56  | 66.15        | 2.604 | AZF         |
| LCD630NT 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 100.00         | 3.937 | 195.00              | 7.677  | 20.10       | 114.77  | 91.35        | 3.596 | AZJ         |
| LCD630NT 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 143.00         | 5.630 | 280.00              | 11.024 | 13.53       | 77.25   | 129.15       | 5.085 | AZL         |
| LCD800NX 01 M    | 48.00            | 1.890 | 49.00                    | 1.930 | 31.20                     | 1.228 | 8.00                  | 0.315 | 3530.52      | 793.696 | 44.00          | 1.732 | 65.00               | 2.559  | 185.35      | 1058.33 | 44.00        | 1.732 | AU          |
| LCD800NX 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 61.20          | 2.409 | 90.00               | 3.543  | 118.66      | 677.54  | 60.00        | 2.362 | AX          |
| LCD800NX 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 87.00          | 3.425 | 135.00              | 5.315  | 76.69       | 437.89  | 84.00        | 3.307 | AZF         |
| LCD800NX 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 122.00         | 4.803 | 190.00              | 7.480  | 52.17       | 297.89  | 116.00       | 4.567 | AZK         |
| LCD800NX 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 174.00         | 6.850 | 275.00              | 10.827 | 35.21       | 201.05  | 164.00       | 6.457 | AZM         |
| LCD400P 01 M     | 54.00            | 2.126 | 56.00                    | 2.205 | 44.00                     | 1.732 | 4.00                  | 0.157 | 426.61       | 95.905  | 27.40          | 1.079 | 99.00               | 3.898  | 5.95        | 33.97   | 22.00        | 0.866 | AO          |
| LCD400P 02 M     |                  |       |                          |       |                           |       |                       |       |              |         | 38.60          | 1.520 | 150.00              | 5.906  | 3.79        | 21.64   | 30.00        | 1.181 | AT          |
| LCD400P 03 M     |                  |       |                          |       |                           |       |                       |       |              |         | 55.40          | 2.181 | 230.00              | 9.055  | 2.45        | 13.99   | 42.00        | 1.654 | AZC         |
| LCD400P 04 M     |                  |       |                          |       |                           |       |                       |       |              |         | 77.80          | 3.063 | 335.00              | 13.189 | 1.67        | 9.54    | 58.00        | 2.283 | AZG         |
| LCD400P 05 M     |                  |       |                          |       |                           |       |                       |       |              |         | 111.00         | 4.370 | 490.00              | 19.291 | 1.13        | 6.45    | 82.00        | 3.228 | AZJ         |

## SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES- PART 1

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Nominal Load are pre-calculated for Stainless Steel.

# COMPRESSION SPRINGS: DIN-PLUS SERIES- PART 1 (METRIC)

ENDS ARE GROUND • Spring Steel EN 10270-1-SH (Plated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |          | WORKING HEIGHT |       | NOMINAL FREE LENGTH |        | SPRING RATE |         | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|----------|----------------|-------|---------------------|--------|-------------|---------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.      | MM             | IN.   | MM                  | IN.    | N/MM        | LB/IN.  | MM           | IN.   |             |
| LCD500PQ 01 M    | 55.00            | 2.165 | 57.00                    | 2.245 | 43.00                     | 1.692 | 5.00                  | 0.197 | 784.56       | 176.377  | 30.90          | 1.217 | 85.00               | 3.346  | 14.51       | 82.85   | 27.50        | 1.083 | AP          |
| LCD500PQ 02 M    |                  |       |                          |       |                           |       |                       |       |              |          | 43.20          | 1.701 | 130.00              | 5.118  | 9.25        | 52.82   | 37.50        | 1.476 | AU          |
| LCD500PQ 03 M    |                  |       |                          |       |                           |       |                       |       |              |          | 61.60          | 2.425 | 195.00              | 7.677  | 5.98        | 34.15   | 52.50        | 2.067 | AZD         |
| LCD500PQ 04 M    |                  |       |                          |       |                           |       |                       |       |              |          | 86.10          | 3.390 | 280.00              | 11.024 | 4.07        | 23.24   | 72.50        | 2.854 | AZH         |
| LCD500PQ 05 M    |                  |       |                          |       |                           |       |                       |       |              |          | 123.00         | 4.843 | 410.00              | 16.142 | 2.75        | 15.70   | 102.50       | 4.035 | AZK         |
| LCD630PS 01 M    | 56.30            | 2.217 | 58.00                    | 2.284 | 42.00                     | 1.653 | 6.30                  | 0.248 | 1480.86      | 332.911  | 38.00          | 1.496 | 80.00               | 3.150  | 36.68       | 209.44  | 34.65        | 1.364 | AW          |
| LCD630PS 02 M    |                  |       |                          |       |                           |       |                       |       |              |          | 53.00          | 2.087 | 115.00              | 4.528  | 23.34       | 133.27  | 47.25        | 1.860 | AY          |
| LCD630PS 03 M    |                  |       |                          |       |                           |       |                       |       |              |          | 75.00          | 2.953 | 175.00              | 6.890  | 15.10       | 86.22   | 66.15        | 2.604 | AZG         |
| LCD630PS 04 M    |                  |       |                          |       |                           |       |                       |       |              |          | 105.00         | 4.134 | 250.00              | 9.843  | 10.30       | 58.81   | 91.35        | 3.596 | AZL         |
| LCD630PS 05 M    |                  |       |                          |       |                           |       |                       |       |              |          | 150.00         | 5.906 | 365.00              | 14.370 | 6.94        | 39.63   | 129.15       | 5.085 | AZN         |
| LCD800PT 01 M    | 58.00            | 2.283 | 60.00                    | 2.363 | 40.50                     | 1.594 | 8.00                  | 0.315 | 2824.42      | 634.957  | 45.00          | 1.772 | 75.00               | 2.953  | 95.32       | 544.27  | 44.00        | 1.732 | AX          |
| LCD800PT 02 M    |                  |       |                          |       |                           |       |                       |       |              |          | 63.20          | 2.488 | 110.00              | 4.331  | 60.80       | 347.16  | 60.00        | 2.362 | AZ          |
| LCD800PT 03 M    |                  |       |                          |       |                           |       |                       |       |              |          | 90.00          | 3.543 | 160.00              | 6.299  | 39.23       | 224.00  | 84.00        | 3.307 | AZH         |
| LCD800PT 04 M    |                  |       |                          |       |                           |       |                       |       |              |          | 127.00         | 5.000 | 230.00              | 9.055  | 26.67       | 152.28  | 116.00       | 4.567 | AZM         |
| LCD800PT 05 M    |                  |       |                          |       |                           |       |                       |       |              |          | 181.00         | 7.126 | 335.00              | 13.189 | 18.04       | 103.01  | 164.00       | 6.457 | AZO         |
| LCD1000PX 01M    | 60.00            | 2.362 | 62.00                    | 2.441 | 38.00                     | 1.496 | 10.00                 | 0.394 | 5197.71      | 1168.497 | 55.00          | 2.165 | 75.00               | 2.953  | 232.42      | 1327.09 | 55.00        | 2.165 | AZ          |
| LCD1000PX 02M    |                  |       |                          |       |                           |       |                       |       |              |          | 76.00          | 2.992 | 110.00              | 4.331  | 148.08      | 845.52  | 75.00        | 2.953 | AZA         |
| LCD1000PX 03M    |                  |       |                          |       |                           |       |                       |       |              |          | 109.00         | 4.291 | 165.00              | 6.496  | 95.71       | 546.49  | 105.00       | 4.134 | AZK         |
| LCD1000PX 04M    |                  |       |                          |       |                           |       |                       |       |              |          | 152.00         | 5.984 | 230.00              | 9.055  | 65.12       | 371.83  | 145.00       | 5.709 | AZO         |
| LCD1000PX 05M    |                  |       |                          |       |                           |       |                       |       |              |          | 217.00         | 8.543 | 335.00              | 13.189 | 43.93       | 250.84  | 205.00       | 8.071 | AZP         |
| LCD500Q 01 M     | 68.00            | 2.677 | 70.00                    | 2.756 | 56.00                     | 2.204 | 5.00                  | 0.197 | 622.75       | 139.999  | 32.30          | 1.272 | 120.00              | 4.724  | 7.27        | 41.51   | 27.50        | 1.083 | AY          |
| LCD500Q 02 M     |                  |       |                          |       |                           |       |                       |       |              |          | 45.30          | 1.783 | 180.00              | 7.087  | 4.63        | 26.44   | 37.50        | 1.476 | AZF         |
| LCD500Q 03 M     |                  |       |                          |       |                           |       |                       |       |              |          | 64.80          | 2.551 | 275.00              | 10.827 | 2.99        | 17.07   | 52.50        | 2.067 | AZK         |
| LCD500Q 04 M     |                  |       |                          |       |                           |       |                       |       |              |          | 90.80          | 3.575 | 395.00              | 15.551 | 2.03        | 11.59   | 72.50        | 2.854 | AZO         |
| LCD500Q 05 M     |                  |       |                          |       |                           |       |                       |       |              |          | 130.00         | 5.118 | 585.00              | 23.031 | 1.37        | 7.82    | 102.50       | 4.035 | AZP         |
| LCD630QR 01 M    | 69.30            | 2.728 | 71.50                    | 2.815 | 55.00                     | 2.165 | 6.30                  | 0.248 | 1176.84      | 264.565  | 40.00          | 1.575 | 105.00              | 4.134  | 18.34       | 104.72  | 34.65        | 1.364 | AZ          |
| LCD630QR 02 M    |                  |       |                          |       |                           |       |                       |       |              |          | 56.00          | 2.205 | 155.00              | 6.102  | 11.67       | 66.63   | 47.25        | 1.860 | AZF         |
| LCD630QR 03 M    |                  |       |                          |       |                           |       |                       |       |              |          | 80.50          | 3.169 | 235.00              | 9.252  | 7.55        | 43.11   | 66.15        | 2.604 | AZL         |
| LCD630QR 04 M    |                  |       |                          |       |                           |       |                       |       |              |          | 113.00         | 4.449 | 340.00              | 13.386 | 5.13        | 29.29   | 91.35        | 3.596 | AZP         |
| LCD630QR 05 M    |                  |       |                          |       |                           |       |                       |       |              |          | 161.00         | 6.339 | 500.00              | 19.685 | 3.47        | 19.81   | 129.15       | 5.085 | AZQ         |
| LCD800QT 01 M    | 71.00            | 2.795 | 73.00                    | 2.875 | 53.00                     | 2.086 | 8.00                  | 0.315 | 2236.00      | 502.674  | 47.00          | 1.850 | 95.00               | 3.740  | 47.66       | 272.13  | 44.00        | 1.732 | AZ          |
| LCD800QT 02 M    |                  |       |                          |       |                           |       |                       |       |              |          | 66.00          | 2.598 | 140.00              | 5.512  | 30.30       | 173.01  | 60.00        | 2.362 | AZF         |
| LCD800QT 03 M    |                  |       |                          |       |                           |       |                       |       |              |          | 93.50          | 3.681 | 205.00              | 8.071  | 19.61       | 111.97  | 84.00        | 3.307 | AZL         |
| LCD800QT 04 M    |                  |       |                          |       |                           |       |                       |       |              |          | 131.00         | 5.157 | 300.00              | 11.811 | 13.34       | 76.17   | 116.00       | 4.567 | AZP         |
| LCD800QT 05 M    |                  |       |                          |       |                           |       |                       |       |              |          | 187.00         | 7.362 | 435.00              | 17.126 | 9.02        | 51.50   | 164.00       | 6.457 | AZQ         |
| LCD1000QX 01M    | 73.00            | 2.874 | 75.00                    | 2.953 | 51.00                     | 2.007 | 10.00                 | 0.394 | 4118.94      | 925.979  | 56.30          | 2.217 | 96.00               | 3.780  | 115.72      | 660.75  | 55.00        | 2.165 | AZA         |
| LCD1000QX 02M    |                  |       |                          |       |                           |       |                       |       |              |          | 79.00          | 3.110 | 135.00              | 5.315  | 73.94       | 422.19  | 75.00        | 2.953 | AZG         |
| LCD1000QX 03M    |                  |       |                          |       |                           |       |                       |       |              |          | 112.00         | 4.409 | 200.00              | 7.874  | 47.86       | 273.28  | 105.00       | 4.134 | AZM         |
| LCD1000QX 04M    |                  |       |                          |       |                           |       |                       |       |              |          | 157.00         | 6.181 | 285.00              | 11.220 | 32.56       | 185.91  | 145.00       | 5.709 | AZP         |
| LCD1000QX 05M    |                  |       |                          |       |                           |       |                       |       |              |          | 225.00         | 8.858 | 410.00              | 16.142 | 21.97       | 125.45  | 205.00       | 8.071 | AZQ         |

## SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES- PART 1

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# COMPRESSION SPRINGS: DIN-PLUS SERIES- PART 1 (METRIC)

ENDS ARE GROUND • Spring Steel EN 10270-1-SH (Plated)

COMPRESSION SPRINGS

| LEE STOCK NUMBER | OUTSIDE DIAMETER |       | TO WORK IN HOLE DIAMETER |       | TO WORK OVER ROD DIAMETER |       | NOMINAL WIRE DIAMETER |       | NOMINAL LOAD |         | WORKING HEIGHT |        | NOMINAL FREE LENGTH |        | SPRING RATE |        | SOLID HEIGHT |       | PRICE GROUP |
|------------------|------------------|-------|--------------------------|-------|---------------------------|-------|-----------------------|-------|--------------|---------|----------------|--------|---------------------|--------|-------------|--------|--------------|-------|-------------|
|                  | MM               | IN.   | MM                       | IN.   | MM                        | IN.   | MM                    | IN.   | N            | LB.     | MM             | IN.    | MM                  | IN.    | N/MM        | LB/IN. | MM           | IN.   |             |
| LCD630R 01 M     | 86.30            | 3.398 | 89.00                    | 3.504 | 71.00                     | 2.795 | 6.30                  | 0.248 | 931.67       | 209.448 | 42.00          | 1.654  | 145.00              | 5.709  | 8.95        | 51.10  | 34.65        | 1.364 | AZD         |
| LCD630R 02 M     |                  |       |                          |       |                           |       |                       |       |              |         | 59.50          | 2.343  | 220.00              | 8.661  | 5.70        | 32.55  | 47.25        | 1.860 | AZG         |
| LCD630R 03 M     |                  |       |                          |       |                           |       |                       |       |              |         | 85.50          | 3.366  | 335.00              | 13.189 | 3.69        | 21.07  | 66.15        | 2.604 | AZO         |
| LCD630R 04 M     |                  |       |                          |       |                           |       |                       |       |              |         | 120.00         | 4.724  | 490.00              | 19.291 | 2.51        | 14.33  | 91.35        | 3.596 | AZQ         |
| LCD630R 05 M     |                  |       |                          |       |                           |       |                       |       |              |         | 172.00         | 6.772  | 720.00              | 28.346 | 1.70        | 9.71   | 129.15       | 5.085 | AZR         |
| LCD800RT 01 M    | 88.00            | 3.465 | 91.00                    | 3.583 | 69.00                     | 2.716 | 8.00                  | 0.315 | 1765.26      | 396.848 | 49.00          | 1.929  | 125.00              | 4.921  | 23.24       | 132.70 | 44.00        | 1.732 | AZH         |
| LCD800RT 02 M    |                  |       |                          |       |                           |       |                       |       |              |         | 69.00          | 2.717  | 180.00              | 7.087  | 14.81       | 84.56  | 60.00        | 2.362 | AZP         |
| LCD800RT 03 M    |                  |       |                          |       |                           |       |                       |       |              |         | 99.00          | 3.898  | 285.00              | 11.220 | 9.58        | 54.70  | 84.00        | 3.307 | AZQ         |
| LCD800RT 04 M    |                  |       |                          |       |                           |       |                       |       |              |         | 139.00         | 5.472  | 410.00              | 16.142 | 6.51        | 37.17  | 116.00       | 4.567 | AZR         |
| LCD800RT 05 M    |                  |       |                          |       |                           |       |                       |       |              |         | 199.00         | 7.835  | 600.00              | 23.622 | 4.40        | 25.12  | 164.00       | 6.457 | SPECIAL     |
| LCD1000RX 01M    | 90.00            | 3.543 | 93.00                    | 3.662 | 67.50                     | 2.657 | 10.00                 | 0.394 | 3246.12      | 729.760 | 59.00          | 2.323  | 115.00              | 4.528  | 56.78       | 324.21 | 55.00        | 2.165 | AZH         |
| LCD1000RX 02M    |                  |       |                          |       |                           |       |                       |       |              |         | 83.00          | 3.268  | 175.00              | 6.890  | 36.19       | 206.64 | 75.00        | 2.953 | AZP         |
| LCD1000RX 03M    |                  |       |                          |       |                           |       |                       |       |              |         | 119.00         | 4.685  | 255.00              | 10.039 | 23.44       | 133.84 | 105.00       | 4.134 | AZQ         |
| LCD1000RX 04M    |                  |       |                          |       |                           |       |                       |       |              |         | 167.00         | 6.575  | 370.00              | 14.567 | 15.89       | 90.73  | 145.00       | 5.709 | SPECIAL     |
| LCD1000RX 05M    |                  |       |                          |       |                           |       |                       |       |              |         | 238.00         | 9.370  | 540.00              | 21.260 | 10.79       | 61.61  | 205.00       | 8.071 | SPECIAL     |
| LCD800S 01 M     | 108.00           | 4.252 | 111.00                   | 4.371 | 89.00                     | 3.503 | 8.00                  | 0.315 | 1412.21      | 317.478 | 52.00          | 2.047  | 170.00              | 6.693  | 11.87       | 67.78  | 44.00        | 1.732 | AZH         |
| LCD800S 02 M     |                  |       |                          |       |                           |       |                       |       |              |         | 73.00          | 2.874  | 260.00              | 10.236 | 7.58        | 43.28  | 60.00        | 2.362 | AZP         |
| LCD800S 03 M     |                  |       |                          |       |                           |       |                       |       |              |         | 104.00         | 4.094  | 390.00              | 15.354 | 4.90        | 27.98  | 84.00        | 3.307 | AZQ         |
| LCD800S 04 M     |                  |       |                          |       |                           |       |                       |       |              |         | 147.00         | 5.787  | 570.00              | 22.441 | 3.33        | 19.01  | 116.00       | 4.567 | SPECIAL     |
| LCD800S 05 M     |                  |       |                          |       |                           |       |                       |       |              |         | 210.00         | 8.268  | 835.00              | 32.874 | 2.26        | 12.90  | 164.00       | 6.457 | SPECIAL     |
| LCD1000ST 01M    | 110.00           | 4.331 | 114.00                   | 4.489 | 87.00                     | 3.425 | 10.00                 | 0.394 | 2598.86      | 584.249 | 63.00          | 2.480  | 150.00              | 5.906  | 29.03       | 165.76 | 55.00        | 2.165 | AZP         |
| LCD1000ST 02M    |                  |       |                          |       |                           |       |                       |       |              |         | 89.00          | 3.504  | 230.00              | 9.055  | 18.53       | 105.80 | 75.00        | 2.953 | AZR         |
| LCD1000ST 03M    |                  |       |                          |       |                           |       |                       |       |              |         | 128.00         | 5.039  | 345.00              | 13.583 | 11.96       | 68.29  | 105.00       | 4.134 | SPECIAL     |
| LCD1000ST 04M    |                  |       |                          |       |                           |       |                       |       |              |         | 180.00         | 7.087  | 500.00              | 19.685 | 8.14        | 46.48  | 145.00       | 5.709 | SPECIAL     |
| LCD1000ST 05M    |                  |       |                          |       |                           |       |                       |       |              |         | 258.00         | 10.157 | 730.00              | 28.740 | 5.50        | 31.40  | 205.00       | 8.071 | SPECIAL     |
| LCD1000TX 01M    | 135.00           | 5.315 | 140.00                   | 5.512 | 111.00                    | 4.370 | 10.00                 | 0.394 | 2079.08      | 467.399 | 67.00          | 2.638  | 205.00              | 8.071  | 14.91       | 85.13  | 55.00        | 2.165 | AZR         |
| LCD1000TX 02M    |                  |       |                          |       |                           |       |                       |       |              |         | 95.00          | 3.740  | 315.00              | 12.402 | 9.48        | 54.13  | 75.00        | 2.953 | SPECIAL     |
| LCD1000TX 03M    |                  |       |                          |       |                           |       |                       |       |              |         | 137.00         | 5.394  | 475.00              | 18.701 | 6.13        | 35.00  | 105.00       | 4.134 | SPECIAL     |
| LCD1000TX 04M    |                  |       |                          |       |                           |       |                       |       |              |         | 193.00         | 7.598  | 690.00              | 27.165 | 4.17        | 23.81  | 145.00       | 5.709 | SPECIAL     |
| LCD1000TX 05M    |                  |       |                          |       |                           |       |                       |       |              |         | 277.00         | 10.905 | 1015.00             | 39.961 | 2.82        | 16.10  | 205.00       | 8.071 | SPECIAL     |

## SPECIAL INSTRUCTIONS FOR DIN-PLUS SERIES- PART 1

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Nominal Load are pre-calculated for Stainless Steel.

# MIL-SPEC Springs

**Compression MS24585 and Extension MS24586**



## Materials:

All MIL-SPEC springs are available in the four authorized AS24585 and AS24586 materials:

- Uncoated Music Wire per ASTM A228.
- Cadmium Plated Music Wire in accordance with SAE-AMS-QQ-P-416, Type II, Class 2.
- Zinc Plated Music Wire in accordance with ASTM B633, Type II, Fe/Zn5.
- Corrosion Resistant Stainless Steel 302 per ASTM A313 with passivation treatment in accordance with ASTM A967 or AMS2700. DFARS Compliant material only.

## About DFARS Compliance

DFARS regulates the supply country for certain materials. It applies to Stainless Steel but does not apply to Music Wire. For a complete explanation of DFARS Compliance, go to the Regulatory Compliance and Certification Page 383.

## MIL-SPEC Springs available in Stock.

When you need MIL-SPEC Springs, Lee Spring simplifies the purchasing process by offering the full range of MIL-SPEC Compression Springs and Extension Springs.

- Paperwork included – no additional charges for material certifications or traceability.
- DFARS Compliance – all Stainless Steel MIL-SPEC springs meet DFARS specifications.
- Quick RFQ turnaround – quantities over 1000.

## About MIL- SPEC Springs

These products are part of the United States Defense Standard. They are used to help achieve standardization objectives set by the U.S. Department of Defense. They are known interchangeably as "military standards", "MIL-SPEC", "MIL-STD", or "MilSpecs." These high precision designs meet stringent technical requirements and are used in a multitude of Military and Aerospace applications, both defense and non-defense related. MIL-SPEC springs are increasingly specified by other non-Defense government organizations, technical organizations, and highly regulated industries. The MIL-SPEC standard for compression springs for loads below 20 lbs. is AS24585; this standard was formerly MS24585. The MIL-SPEC standard for extension springs for loads below 30 lbs. is AS24586; this was formerly MS24586.



**Lee Spring can manufacture custom MIL-SPEC springs to your specifications. Contact us today!**

# MIL-SPEC Springs

## Guide to using tables

**Lee Stock Number:**  
Lee Spring Part Number.

**OD:**  
Spring outer diameter, parts listed in ascending order.

**W:**  
Wire diameter of spring wire.

**Active Coils:**  
Those coils which are free to deflect under load.

**Load:**  
The design load or force to compress spring by its deflection design.

**Price Group:**  
Reference for price list.

| MUSIC WIRE   |                |                | STAINLESS STEEL | OD   | W    | FREE LENGTH | ACTIVE COILS | DEFLECTION PER COIL | LOAD  | DEFLECTION | SOLID HEIGHT | RATE  | PRICE GROUP |    |   |    |
|--------------|----------------|----------------|-----------------|------|------|-------------|--------------|---------------------|-------|------------|--------------|-------|-------------|----|---|----|
| UNPLATED (U) | CAD. PLATE (C) | ZINC PLATE (Z) | PASSIVATED (S)  | IN   | IN   | IN          |              | IN                  | LB    | IN         | IN           | LB/IN | U           | C  | Z | S  |
| MS24585-1    | MS24585-1001   |                | MS24585-C1      |      |      | .250        | 4.50         |                     |       | .095       | .104         | 19.30 | AN          | AO |   | AO |
| MS24585-2    | MS24585-1002   |                | MS24585-C2      |      |      | .310        | 6.25         |                     |       | .131       | .132         | 14.00 | AN          | AO |   | AO |
| MS24585-3    | MS24585-1003   |                | MS24585-C3      |      |      | .380        | 7.75         |                     |       | .163       | .156         | 11.30 | AN          | AO |   | AO |
| MS24585-4    | MS24585-1004   |                | MS24585-C4      |      |      | .440        | 9.25         |                     |       | .194       | .180         | 9.50  | AN          | AO |   | AO |
| MS24585-5    | MS24585-1005   |                | MS24585-C5      | .120 | .016 | .500        | 10.50        | .0210               | 1.837 | .220       | .200         | 8.30  | AN          | AO |   | AO |
| MS24585-6    | MS24585-1006   |                | MS24585-C6      |      |      | .560        | 12.00        |                     |       | .252       | .224         | 7.30  | AN          | AO |   | AO |
| MS24585-7    | MS24585-1007   |                | MS24585-C7      |      |      | .620        | 13.25        |                     |       | .278       | .244         | 6.60  | AN          | AO |   | AO |
| MS24585-8    | MS24585-1008   |                | MS24585-C8      |      |      | .690        | 15.00        |                     |       | .315       | .272         | 5.80  | AN          | AO |   | AO |
| MS24585-9    | MS24585-1009   |                | MS24585-C9      |      |      | .750        | 16.50        |                     |       | .346       | .296         | 5.30  | AN          | AO |   | AO |

**Free Length:**  
The overall height of the spring in the unloaded position.

**Deflection Per Coil:**  
Amount of movement per coil to achieve the design load.

**Deflection:**  
The amount of spring movement under the design load.

**Solid Height:**  
Length when fully compressed.

**Rate:**  
Change in load or force per unit of deflection.

### Part Numbers

Be sure to specify the complete numbers as designated by AS24585 and AS24586. MIL-SPEC Springs begin with the prefix MS24585 or MS24586 followed by a hyphen and the part number, e.g., MS24585-1002 or MS24586-C13. The following chart is a helpful reference:

| MIL-SPEC                   | Unplated                      | Cadmium Plated                    | Zinc Plated                       | Stainless Steel                 |
|----------------------------|-------------------------------|-----------------------------------|-----------------------------------|---------------------------------|
| <b>Compression MS24585</b> | MS24585-1 through MS24585-527 | MS24585-1001 through MS24585-1527 | MS24585-2010 through MS24585-2507 | MS24585-C1 through MS24585-C527 |
| <b>Extension MS24586</b>   | MS24586-1 through MS24586-354 | MS24586-501 through MS24586-854   | MS24586-1006 through MS24586-1354 | MS24586-C1 through MS24586-C354 |

For additional information, pricing, availability, and technical support please contact Lee Spring by calling +91 80 49376666 or by email at [india-sales@leespring.com](mailto:india-sales@leespring.com)

| MUSIC WIRE   |                |                | STAINLESS STEEL | OD   | W    | FREE LENGTH | ACTIVE COILS | DEFLECTION PER COIL | LOAD  | DEFLECTION | SOLID HEIGHT | RATE  | PRICE GROUP |    |    |    |
|--------------|----------------|----------------|-----------------|------|------|-------------|--------------|---------------------|-------|------------|--------------|-------|-------------|----|----|----|
| UNPLATED (U) | CAD. PLATE (C) | ZINC PLATE (Z) | PASSIVATED (S)  | IN   | IN   | IN          |              | IN                  | LB    | IN         | IN           | LB/IN | U           | C  | Z  | S  |
| MS24585-1    | MS24585-1001   |                | MS24585-C1      |      |      | .250        | 4.50         |                     |       | .095       | .104         | 19.30 | AN          | AO |    | AO |
| MS24585-2    | MS24585-1002   |                | MS24585-C2      |      |      | .310        | 6.25         |                     |       | .131       | .132         | 14.00 | AN          | AO |    | AO |
| MS24585-3    | MS24585-1003   |                | MS24585-C3      |      |      | .380        | 7.75         |                     |       | .163       | .156         | 11.30 | AN          | AO |    | AO |
| MS24585-4    | MS24585-1004   |                | MS24585-C4      |      |      | .440        | 9.25         |                     |       | .194       | .180         | 9.50  | AN          | AO |    | AO |
| MS24585-5    | MS24585-1005   |                | MS24585-C5      | .120 | .016 | .500        | 10.50        | .0210               | 1.837 | .220       | .200         | 8.30  | AN          | AO |    | AO |
| MS24585-6    | MS24585-1006   |                | MS24585-C6      |      |      | .560        | 12.00        |                     |       | .252       | .224         | 7.30  | AN          | AO |    | AO |
| MS24585-7    | MS24585-1007   |                | MS24585-C7      |      |      | .620        | 13.25        |                     |       | .278       | .244         | 6.60  | AN          | AO |    | AO |
| MS24585-8    | MS24585-1008   |                | MS24585-C8      |      |      | .690        | 15.00        |                     |       | .315       | .272         | 5.80  | AN          | AO |    | AO |
| MS24585-9    | MS24585-1009   |                | MS24585-C9      |      |      | .750        | 16.50        |                     |       | .346       | .296         | 5.30  | AN          | AO |    | AO |
| MS24585-10   | MS24585-1010   | MS24585-2010   | MS24585-C10     |      |      | .250        | 5.25         |                     |       | .091       | .130         | 28.20 | AN          | AO | AN | AO |
| MS24585-11   | MS24585-1011   | MS24585-2011   | MS24585-C11     |      |      | .310        | 6.75         |                     |       | .117       | .157         | 21.90 | AN          | AO | AN | AO |
| MS24585-12   | MS24585-1012   | MS24585-2012   | MS24585-C12     |      |      | .380        | 8.25         |                     |       | .143       | .184         | 17.90 | AN          | AO | AN | AO |
| MS24585-13   | MS24585-1013   | MS24585-2013   | MS24585-C13     |      |      | .440        | 9.75         |                     |       | .169       | .211         | 15.20 | AN          | AO | AN | AO |
| MS24585-14   | MS24585-1014   | MS24585-2014   | MS24585-C14     | .120 | .018 | .500        | 11.25        | .0173               | 2.564 | .195       | .238         | 13.10 | AN          | AO | AN | AO |
| MS24585-15   | MS24585-1015   | MS24585-2015   | MS24585-C15     |      |      | .560        | 13.00        |                     |       | .224       | .270         | 11.40 | AN          | AO | AN | AO |
| MS24585-16   | MS24585-1016   | MS24585-2016   | MS24585-C16     |      |      | .620        | 14.00        |                     |       | .242       | .288         | 10.60 | AN          | AO | AN | AO |
| MS24585-17   | MS24585-1017   | MS24585-2017   | MS24585-C17     |      |      | .690        | 16.00        |                     |       | .276       | .324         | 9.30  | AN          | AO | AN | AO |
| MS24585-18   | MS24585-1018   | MS24585-2018   | MS24585-C18     |      |      | .750        | 17.50        |                     |       | .302       | .351         | 8.50  | AN          | AO | AN | AO |
| MS24585-19   | MS24585-1019   |                | MS24585-C19     |      |      | .250        | 5.25         |                     |       | .063       | .159         | 71.10 | AN          | AO |    | AO |
| MS24585-20   | MS24585-1020   |                | MS24585-C20     |      |      | .310        | 7.00         |                     |       | .084       | .198         | 53.30 | AN          | AO |    | AO |
| MS24585-21   | MS24585-1021   |                | MS24585-C21     |      |      | .380        | 9.00         |                     |       | .108       | .242         | 41.50 | AN          | AO |    | AO |
| MS24585-22   | MS24585-1022   |                | MS24585-C22     |      |      | .440        | 10.25        |                     |       | .123       | .269         | 36.40 | AN          | AO |    | AO |
| MS24585-23   | MS24585-1023   |                | MS24585-C23     | .120 | .022 | .500        | 12.00        | .0120               | 4.481 | .144       | .308         | 31.10 | AN          | AO |    | AO |
| MS24585-24   | MS24585-1024   |                | MS24585-C24     |      |      | .560        | 13.25        |                     |       | .159       | .335         | 28.20 | AN          | AO |    | AO |
| MS24585-25   | MS24585-1025   |                | MS24585-C25     |      |      | .620        | 15.00        |                     |       | .180       | .374         | 24.90 | AN          | AO |    | AO |
| MS24585-26   | MS24585-1026   |                | MS24585-C26     |      |      | .690        | 17.00        |                     |       | .204       | .418         | 22.00 | AN          | AO |    | AO |
| MS24585-27   | MS24585-1027   |                | MS24585-C27     |      |      | .750        | 18.50        |                     |       | .222       | .451         | 20.20 | AN          | AO |    | AO |
| MS24585-28   | MS24585-1028   |                | MS24585-C28     |      |      | .810        | 20.00        |                     |       | .240       | .484         | 18.70 | AN          | AO |    | AO |
| MS24585-29   | MS24585-1029   | MS24585-2029   | MS24585-C29     |      |      | .250        | 2.50         |                     |       | .141       | .072         | 8.90  | AN          | AO | AN | AO |
| MS24585-30   | MS24585-1030   | MS24585-2030   | MS24585-C30     |      |      | .310        | 3.00         |                     |       | .167       | .080         | 7.50  | AN          | AO | AN | AO |
| MS24585-31   | MS24585-1031   | MS24585-2031   | MS24585-C31     |      |      | .380        | 3.75         |                     |       | .211       | .092         | 5.90  | AN          | AO | AN | AO |
| MS24585-32   | MS24585-1032   | MS24585-2032   | MS24585-C32     | .180 | .016 | .440        | 4.50         | .0563               | 1.254 | .253       | .104         | 4.90  | AN          | AO | AN | AO |
| MS24585-33   | MS24585-1033   | MS24585-2033   | MS24585-C33     |      |      | .500        | 5.25         |                     |       | .295       | .116         | 4.20  | AN          | AO | AN | AO |
| MS24585-34   | MS24585-1034   | MS24585-2034   | MS24585-C34     |      |      | .560        | 6.00         |                     |       | .337       | .128         | 3.70  | AN          | AO | AN | AO |
| MS24585-35   | MS24585-1035   | MS24585-2035   | MS24585-C35     |      |      | .620        | 6.50         |                     |       | .366       | .136         | 3.40  | AN          | AO | AN | AO |
| MS24585-36   | MS24585-1036   | MS24585-2036   | MS24585-C36     |      |      | .690        | 7.25         |                     |       | .407       | .148         | 3.10  | AN          | AO | AN | AO |
| MS24585-37   | MS24585-1037   | MS24585-2037   | MS24585-C37     |      |      | .750        | 8.00         |                     |       | .450       | .160         | 2.80  | AN          | AO | AN | AO |
| MS24585-38   | MS24585-1038   |                | MS24585-C38     |      |      | .250        | 2.75         |                     |       | .130       | .085         | 13.50 | AN          | AO |    | AO |
| MS24585-39   | MS24585-1039   |                | MS24585-C39     |      |      | .310        | 3.25         |                     |       | .154       | .094         | 11.40 | AN          | AO |    | AO |
| MS24585-40   | MS24585-1040   |                | MS24585-C40     |      |      | .380        | 4.00         |                     |       | .190       | .108         | 9.30  | AN          | AO |    | AO |
| MS24585-41   | MS24585-1041   |                | MS24585-C41     | .180 | .018 | .440        | 4.75         | .0475               | 1.760 | .225       | .121         | 7.80  | AN          | AO |    | AO |
| MS24585-42   | MS24585-1042   |                | MS24585-C42     |      |      | .500        | 5.50         |                     |       | .261       | .135         | 6.70  | AN          | AO |    | AO |
| MS24585-43   | MS24585-1043   |                | MS24585-C43     |      |      | .560        | 6.50         |                     |       | .308       | .153         | 5.70  | AN          | AO |    | AO |
| MS24585-44   | MS24585-1044   |                | MS24585-C44     |      |      | .620        | 7.25         |                     |       | .344       | .166         | 5.10  | AN          | AO |    | AO |
| MS24585-45   | MS24585-1045   |                | MS24585-C45     |      |      | .690        | 8.00         |                     |       | .380       | .180         | 4.60  | AN          | AO |    | AO |
| MS24585-46   | MS24585-1046   |                | MS24585-C46     |      |      | .750        | 9.00         |                     |       | .427       | .198         | 4.10  | AN          | AO |    | AO |
| MS24585-47   | MS24585-1047   | MS24585-2047   | MS24585-C47     |      |      | .250        | 3.00         |                     |       | .106       | .110         | 29.60 | AN          | AO | AN | AO |
| MS24585-48   | MS24585-1048   | MS24585-2048   | MS24585-C48     |      |      | .310        | 3.75         |                     |       | .132       | .126         | 23.70 | AN          | AO | AN | AO |
| MS24585-49   | MS24585-1049   | MS24585-2049   | MS24585-C49     |      |      | .380        | 4.50         |                     |       | .158       | .143         | 19.80 | AN          | AO | AN | AO |
| MS24585-50   | MS24585-1050   | MS24585-2050   | MS24585-C50     |      |      | .440        | 5.25         |                     |       | .185       | .159         | 16.90 | AN          | AO | AN | AO |
| MS24585-51   | MS24585-1051   | MS24585-2051   | MS24585-C51     | .180 | .022 | .500        | 6.25         | .0352               | 3.134 | .220       | .181         | 14.20 | AN          | AO | AN | AO |
| MS24585-52   | MS24585-1052   | MS24585-2052   | MS24585-C52     |      |      | .560        | 7.50         |                     |       | .264       | .209         | 11.90 | AN          | AO | AN | AO |
| MS24585-53   | MS24585-1053   | MS24585-2053   | MS24585-C53     |      |      | .620        | 8.50         |                     |       | .299       | .231         | 10.50 | AN          | AO | AN | AO |
| MS24585-54   | MS24585-1054   | MS24585-2054   | MS24585-C54     |      |      | .690        | 9.25         |                     |       | .325       | .247         | 9.60  | AN          | AO | AN | AO |
| MS24585-55   | MS24585-1055   | MS24585-2055   | MS24585-C55     |      |      | .750        | 10.25        |                     |       | .361       | .269         | 8.70  | AN          | AO | AN | AO |
| MS24585-56   | MS24585-1056   | MS24585-2056   | MS24585-C56     |      |      | .810        | 11.50        |                     |       | .405       | .297         | 7.70  | AN          | AO | AN | AO |

## SPECIAL INSTRUCTIONS FOR MS24585 COMPRESSION SPRINGS

PRICING: See Price List or visit leespring.in for pricing.

CALCULATIONS: Spring Rate and Load are for Music Wire. For Stainless Steel, multiply figures shown by 5/6 (.833).

COMPLIANCE: All MS24585 Stainless Steel parts are DFARS Compliant; CAD Plated MS24585 parts are NOT RoHS compliant.

# SPECIALTY STOCK PARTS: MIL-SPEC

ENDS ARE GROUND • Compression Springs (MS24585)

| MUSIC WIRE   |                |                | STAINLESS STEEL | OD   | W    | FREE LENGTH | ACTIVE COILS | DEFLECTION PER COIL | LOAD  | DEFLECTION | SOLID HEIGHT | RATE   | PRICE GROUP |    |    |    |
|--------------|----------------|----------------|-----------------|------|------|-------------|--------------|---------------------|-------|------------|--------------|--------|-------------|----|----|----|
| UNPLATED (U) | CAD. PLATE (C) | ZINC PLATE (Z) | PASSIVATED (S)  | IN   | IN   | IN          |              | IN                  | LB    | IN         | IN           | LB/IN  | U           | C  | Z  | S  |
| MS24585-57   | MS24585-1057   |                | MS24585-C57     | .180 | .026 | .250        | 3.25         | .0268               | 5.032 | .087       | .136         | 57.80  | AN          | AO |    | AO |
| MS24585-58   | MS24585-1058   |                | MS24585-C58     |      |      | .310        | 4.00         |                     |       | .107       | .156         | 47.00  | AN          | AO |    | AO |
| MS24585-59   | MS24585-1059   |                | MS24585-C59     |      |      | .380        | 5.00         |                     |       | .134       | .182         | 37.50  | AN          | AO |    | AO |
| MS24585-60   | MS24585-1060   |                | MS24585-C60     |      |      | .440        | 6.00         |                     |       | .161       | .208         | 31.20  | AN          | AO |    | AO |
| MS24585-61   | MS24585-1061   |                | MS24585-C61     |      |      | .500        | 7.00         |                     |       | .188       | .234         | 26.80  | AN          | AO |    | AO |
| MS24585-62   | MS24585-1062   |                | MS24585-C62     |      |      | .560        | 8.00         |                     |       | .214       | .260         | 23.50  | AN          | AO |    | AO |
| MS24585-63   | MS24585-1063   |                | MS24585-C63     |      |      | .620        | 9.00         |                     |       | .241       | .286         | 20.90  | AN          | AO |    | AO |
| MS24585-64   | MS24585-1064   |                | MS24585-C64     |      |      | .690        | 10.00        |                     |       | .268       | .312         | 18.80  | AN          | AO |    | AO |
| MS24585-65   | MS24585-1065   |                | MS24585-C65     |      |      | .750        | 11.00        |                     |       | .295       | .338         | 17.00  | AN          | AO |    | AO |
| MS24585-66   | MS24585-1066   |                | MS24585-C66     |      |      | .810        | 12.00        |                     |       | .322       | .364         | 15.60  | AN          | AO |    | AO |
| MS24585-67   | MS24585-1067   |                | MS24585-C67     |      |      | .880        | 13.00        |                     |       | .348       | .390         | 14.40  | AN          | AO |    | AO |
| MS24585-68   | MS24585-1068   | MS24585-2068   | MS24585-C68     | .180 | .032 | .310        | 4.00         | .0182               | 8.833 | .072       | .192         | 122.70 | AN          | AO | AN | AO |
| MS24585-69   | MS24585-1069   | MS24585-2069   | MS24585-C69     |      |      | .380        | 5.00         |                     |       | .091       | .224         | 97.00  | AN          | AO | AN | AO |
| MS24585-70   | MS24585-1070   | MS24585-2070   | MS24585-C70     |      |      | .440        | 6.25         |                     |       | .114       | .264         | 77.50  | AN          | AO | AN | AO |
| MS24585-71   | MS24585-1071   | MS24585-2071   | MS24585-C71     |      |      | .500        | 7.50         |                     |       | .136       | .304         | 64.90  | AN          | AO | AN | AO |
| MS24585-72   | MS24585-1072   | MS24585-2072   | MS24585-C72     |      |      | .560        | 8.25         |                     |       | .150       | .328         | 58.90  | AN          | AO | AN | AO |
| MS24585-73   | MS24585-1073   | MS24585-2073   | MS24585-C73     |      |      | .620        | 9.50         |                     |       | .172       | .368         | 51.30  | AN          | AO | AN | AO |
| MS24585-74   | MS24585-1074   | MS24585-2074   | MS24585-C74     |      |      | .690        | 10.25        |                     |       | .186       | .392         | 47.50  | AN          | AO | AN | AO |
| MS24585-75   | MS24585-1075   | MS24585-2075   | MS24585-C75     |      |      | .750        | 11.75        |                     |       | .214       | .440         | 41.30  | AN          | AO | AN | AO |
| MS24585-76   | MS24585-1076   | MS24585-2076   | MS24585-C76     |      |      | .810        | 13.00        |                     |       | .237       | .480         | 37.30  | AN          | AO | AN | AO |
| MS24585-77   | MS24585-1077   | MS24585-2077   | MS24585-C77     |      |      | .880        | 14.50        |                     |       | .264       | .528         | 33.50  | AN          | AO | AN | AO |
| MS24585-78   | MS24585-1078   | MS24585-2078   | MS24585-C78     |      |      | .940        | 15.50        |                     |       | .282       | .560         | 31.30  | AN          | AO | AN | AO |
| MS24585-79   | MS24585-1079   | MS24585-2079   | MS24585-C79     |      |      | 1.000       | 16.50        |                     |       | .300       | .592         | 29.40  | AN          | AO | AN | AO |
| MS24585-80   | MS24585-1080   |                | MS24585-C80     | .240 | .022 | .380        | 2.75         | .0706               | 2.394 | .194       | .104         | 12.30  | AN          | AO |    | AO |
| MS24585-81   | MS24585-1081   |                | MS24585-C81     |      |      | .440        | 3.50         |                     |       | .247       | .121         | 9.70   | AN          | AO |    | AO |
| MS24585-82   | MS24585-1082   |                | MS24585-C82     |      |      | .500        | 4.00         |                     |       | .282       | .132         | 8.50   | AN          | AO |    | AO |
| MS24585-83   | MS24585-1083   |                | MS24585-C83     |      |      | .560        | 4.50         |                     |       | .318       | .143         | 7.50   | AN          | AO |    | AO |
| MS24585-84   | MS24585-1084   |                | MS24585-C84     |      |      | .620        | 5.00         |                     |       | .353       | .154         | 6.80   | AN          | AO |    | AO |
| MS24585-85   | MS24585-1085   |                | MS24585-C85     |      |      | .690        | 5.50         |                     |       | .388       | .165         | 6.20   | AN          | AO |    | AO |
| MS24585-86   | MS24585-1086   |                | MS24585-C86     |      |      | .750        | 6.00         |                     |       | .423       | .176         | 5.60   | AN          | AO |    | AO |
| MS24585-87   | MS24585-1087   |                | MS24585-C87     |      |      | .810        | 6.50         |                     |       | .458       | .187         | 5.20   | AN          | AO |    | AO |
| MS24585-88   | MS24585-1088   | MS24585-2088   | MS24585-C88     | .240 | .026 | .380        | 3.00         | .0552               | 3.846 | .165       | .130         | 23.30  | AN          | AO | AN | AO |
| MS24585-89   | MS24585-1089   | MS24585-2089   | MS24585-C89     |      |      | .440        | 3.50         |                     |       | .193       | .143         | 19.90  | AN          | AO | AN | AO |
| MS24585-90   | MS24585-1090   | MS24585-2090   | MS24585-C90     |      |      | .500        | 4.00         |                     |       | .221       | .156         | 17.40  | AN          | AO | AN | AO |
| MS24585-91   | MS24585-1091   | MS24585-2091   | MS24585-C91     |      |      | .560        | 4.75         |                     |       | .262       | .175         | 14.70  | AN          | AO | AN | AO |
| MS24585-92   | MS24585-1092   | MS24585-2092   | MS24585-C92     |      |      | .620        | 5.50         |                     |       | .303       | .195         | 12.70  | AN          | AO | AN | AO |
| MS24585-93   | MS24585-1093   | MS24585-2093   | MS24585-C93     |      |      | .690        | 6.25         |                     |       | .345       | .214         | 11.10  | AN          | AO | AN | AO |
| MS24585-94   | MS24585-1094   | MS24585-2094   | MS24585-C94     |      |      | .750        | 7.00         |                     |       | .386       | .234         | 10.00  | AN          | AO | AN | AO |
| MS24585-95   | MS24585-1095   | MS24585-2095   | MS24585-C95     |      |      | .810        | 7.50         |                     |       | .414       | .247         | 9.30   | AO          | AP | AO | AP |
| MS24585-96   | MS24585-1096   | MS24585-2096   | MS24585-C96     |      |      | .880        | 8.25         |                     |       | .455       | .266         | 8.40   | AO          | AP | AO | AP |
| MS24585-97   | MS24585-1097   |                | MS24585-C97     | .240 | .032 | .310        | 2.75         | .0394               | 6.892 | .108       | .152         | 63.80  | AN          | AO |    | AO |
| MS24585-98   | MS24585-1098   |                | MS24585-C98     |      |      | .380        | 3.25         |                     |       | .128       | .168         | 53.80  | AN          | AO |    | AO |
| MS24585-99   | MS24585-1099   |                | MS24585-C99     |      |      | .440        | 4.00         |                     |       | .158       | .192         | 43.20  | AN          | AO |    | AO |
| MS24585-100  | MS24585-1100   |                | MS24585-C100    |      |      | .500        | 4.75         |                     |       | .187       | .216         | 36.80  | AN          | AO |    | AO |
| MS24585-101  | MS24585-1101   |                | MS24585-C101    |      |      | .560        | 5.50         |                     |       | .216       | .240         | 31.90  | AN          | AO |    | AO |
| MS24585-102  | MS24585-1102   |                | MS24585-C102    |      |      | .620        | 6.25         |                     |       | .246       | .264         | 28.00  | AN          | AO |    | AO |
| MS24585-103  | MS24585-1103   |                | MS24585-C103    |      |      | .690        | 7.00         |                     |       | .276       | .288         | 25.00  | AN          | AO |    | AO |
| MS24585-104  | MS24585-1104   |                | MS24585-C104    |      |      | .750        | 8.00         |                     |       | .315       | .320         | 21.90  | AN          | AO |    | AO |
| MS24585-105  | MS24585-1105   |                | MS24585-C105    |      |      | .810        | 8.75         |                     |       | .344       | .344         | 20.00  | AO          | AP |    | AP |
| MS24585-106  | MS24585-1106   |                | MS24585-C106    |      |      | .880        | 9.50         |                     |       | .374       | .368         | 18.40  | AO          | AP |    | AP |
| MS24585-107  | MS24585-1107   |                | MS24585-C107    |      |      | .940        | 10.25        |                     |       | .403       | .392         | 17.10  | AO          | AP |    | AP |
| MS24585-108  | MS24585-1108   |                | MS24585-C108    |      |      | 1.000       | 11.00        |                     |       | .433       | .416         | 15.90  | AO          | AP |    | AP |

## SPECIAL INSTRUCTIONS FOR MS24585 COMPRESSION SPRINGS

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load are for Music Wire. For Stainless Steel, multiply figures shown by 5/6 (.833).

**COMPLIANCE:** All MS24585 Stainless Steel parts are DFARS Compliant; CAD Plated MS24585 parts are NOT RoHS compliant.

| MUSIC WIRE   |                |                | STAINLESS STEEL | OD   | W    | FREE LENGTH | ACTIVE COILS | DEFLECTION PER COIL | LOAD   | DEFLECTION | SOLID HEIGHT | RATE   | PRICE GROUP |    |    |    |
|--------------|----------------|----------------|-----------------|------|------|-------------|--------------|---------------------|--------|------------|--------------|--------|-------------|----|----|----|
| UNPLATED (U) | CAD. PLATE (C) | ZINC PLATE (Z) | PASSIVATED (S)  | IN   | IN   | IN          |              | IN                  | LB     | IN         | IN           | LB/IN  | U           | C  | Z  | S  |
| MS24585-109  | MS24585-1109   | MS24585-2109   | MS24585-C109    | .240 | .038 | .310        | 3.00         | .0291               | 11.060 | .087       | .190         | 127.10 | AN          | AO | AN | AO |
| MS24585-110  | MS24585-1110   | MS24585-2110   | MS24585-C110    |      |      | .380        | 3.75         |                     |        | .109       | .218         | 101.50 | AN          | AO | AN | AO |
| MS24585-111  | MS24585-1111   | MS24585-2111   | MS24585-C111    |      |      | .440        | 4.50         |                     |        | .131       | .247         | 84.40  | AN          | AO | AN | AO |
| MS24585-112  | MS24585-1112   | MS24585-2112   | MS24585-C112    |      |      | .500        | 5.25         |                     |        | .153       | .275         | 72.30  | AN          | AO | AN | AO |
| MS24585-113  | MS24585-1113   | MS24585-2113   | MS24585-C113    |      |      | .560        | 6.00         |                     |        | .175       | .304         | 63.20  | AN          | AO | AN | AO |
| MS24585-114  | MS24585-1114   | MS24585-2114   | MS24585-C114    |      |      | .620        | 6.75         |                     |        | .196       | .332         | 56.40  | AN          | AO | AN | AO |
| MS24585-115  | MS24585-1115   | MS24585-2115   | MS24585-C115    |      |      | .690        | 7.50         |                     |        | .218       | .361         | 50.70  | AN          | AO | AN | AO |
| MS24585-116  | MS24585-1116   | MS24585-2116   | MS24585-C116    |      |      | .750        | 8.25         |                     |        | .240       | .389         | 46.10  | AN          | AO | AN | AO |
| MS24585-117  | MS24585-1117   | MS24585-2117   | MS24585-C117    |      |      | .810        | 9.00         |                     |        | .262       | .418         | 42.20  | AO          | AP | AO | AP |
| MS24585-118  | MS24585-1118   | MS24585-2118   | MS24585-C118    |      |      | .880        | 10.00        |                     |        | .291       | .456         | 38.00  | AO          | AP | AO | AP |
| MS24585-119  | MS24585-1119   | MS24585-2119   | MS24585-C119    |      |      | .940        | 11.00        |                     |        | .320       | .494         | 34.60  | AO          | AP | AO | AP |
| MS24585-120  | MS24585-1120   | MS24585-2120   | MS24585-C120    |      |      | 1.000       | 11.75        |                     |        | .342       | .522         | 32.30  | AO          | AP | AO | AP |
| MS24585-121  | MS24585-1121   | MS24585-2121   | MS24585-C121    |      |      | 1.120       | 13.25        |                     |        | .385       | .579         | 28.70  | AO          | AP | AO | AP |
| MS24585-122  | MS24585-1122   | MS24585-2122   | MS24585-C122    |      |      | 1.250       | 14.75        |                     |        | .429       | .636         | 25.80  | AO          | AP | AO | AP |
| MS24585-123  | MS24585-1123   | MS24585-2123   | MS24585-C123    |      |      | 1.380       | 16.25        |                     |        | .473       | .693         | 23.40  | AO          | AP | AO | AP |
| MS24585-124  | MS24585-1124   | MS24585-2124   | MS24585-C124    |      |      | 1.500       | 17.75        |                     |        | .516       | .750         | 21.40  | AO          | AP | AO | AP |
| MS24585-125  | MS24585-1125   |                | MS24585-C125    | .240 | .042 | .380        | 3.50         | .0239               | 14.390 | .084       | .231         | 171.30 | AN          | AO |    | AO |
| MS24585-126  | MS24585-1126   |                | MS24585-C126    |      |      | .440        | 4.50         |                     |        | .107       | .273         | 134.50 | AN          | AO |    | AO |
| MS24585-127  | MS24585-1127   |                | MS24585-C127    |      |      | .500        | 5.25         |                     |        | .125       | .304         | 115.10 | AN          | AO |    | AO |
| MS24585-128  | MS24585-1128   |                | MS24585-C128    |      |      | .560        | 6.00         |                     |        | .143       | .336         | 100.60 | AN          | AO |    | AO |
| MS24585-129  | MS24585-1129   |                | MS24585-C129    |      |      | .620        | 6.75         |                     |        | .161       | .367         | 89.40  | AN          | AO |    | AO |
| MS24585-130  | MS24585-1130   |                | MS24585-C130    |      |      | .690        | 7.50         |                     |        | .179       | .399         | 80.40  | AN          | AO |    | AO |
| MS24585-131  | MS24585-1131   |                | MS24585-C131    |      |      | .750        | 8.50         |                     |        | .203       | .441         | 70.90  | AN          | AO |    | AO |
| MS24585-132  | MS24585-1132   |                | MS24585-C132    |      |      | .810        | 9.25         |                     |        | .221       | .472         | 65.10  | AO          | AP |    | AP |
| MS24585-133  | MS24585-1133   |                | MS24585-C133    |      |      | .880        | 10.00        |                     |        | .239       | .504         | 60.20  | AO          | AP |    | AP |
| MS24585-134  | MS24585-1134   |                | MS24585-C134    |      |      | .940        | 11.00        |                     |        | .263       | .546         | 54.70  | AO          | AP |    | AP |
| MS24585-135  | MS24585-1135   |                | MS24585-C135    |      |      | 1.000       | 11.75        |                     |        | .281       | .577         | 51.20  | AO          | AP |    | AP |
| MS24585-136  | MS24585-1136   |                | MS24585-C136    |      |      | 1.120       | 13.25        |                     |        | .317       | .640         | 45.40  | AO          | AP |    | AP |
| MS24585-137  | MS24585-1137   |                | MS24585-C137    |      |      | 1.250       | 14.75        |                     |        | .352       | .703         | 40.90  | AO          | AP |    | AP |
| MS24585-138  | MS24585-1138   |                | MS24585-C138    |      |      | 1.380       | 16.50        |                     |        | .394       | .777         | 36.50  | AO          | AP |    | AP |
| MS24585-139  | MS24585-1139   |                | MS24585-C139    |      |      | 1.500       | 18.50        |                     |        | .442       | .861         | 32.50  | AO          | AP |    | AP |
| MS24585-140  | MS24585-1140   | MS24585-2140   | MS24585-C140    | .300 | .022 | .500        | 2.50         | .1181               | 1.931  | .295       | .099         | 6.60   | AN          | AO | AN | AO |
| MS24585-141  | MS24585-1141   | MS24585-2141   | MS24585-C141    |      |      | .560        | 2.75         |                     |        | .325       | .104         | 5.90   | AN          | AO | AN | AO |
| MS24585-142  | MS24585-1142   | MS24585-2142   | MS24585-C142    |      |      | .620        | 3.25         |                     |        | .383       | .115         | 5.00   | AN          | AO | AN | AO |
| MS24585-143  | MS24585-1143   | MS24585-2143   | MS24585-C143    |      |      | .690        | 3.50         |                     |        | .413       | .121         | 4.70   | AN          | AO | AN | AO |
| MS24585-144  | MS24585-1144   | MS24585-2144   | MS24585-C144    |      |      | .750        | 4.00         |                     |        | .472       | .132         | 4.10   | AN          | AO | AN | AO |
| MS24585-145  | MS24585-1145   | MS24585-2145   | MS24585-C145    |      |      | .810        | 4.25         |                     |        | .501       | .137         | 3.80   | AN          | AO | AN | AO |
| MS24585-146  | MS24585-1146   | MS24585-2146   | MS24585-C146    |      |      | .880        | 4.50         |                     |        | .531       | .143         | 3.60   | AN          | AO | AN | AO |
| MS24585-147  | MS24585-1147   |                | MS24585-C147    | .300 | .026 | .440        | 2.50         | .0937               | 3.122  | .234       | .117         | 13.30  | AN          | AO |    | AO |
| MS24585-148  | MS24585-1148   |                | MS24585-C148    |      |      | .500        | 3.00         |                     |        | .281       | .130         | 11.10  | AN          | AO |    | AO |
| MS24585-149  | MS24585-1149   |                | MS24585-C149    |      |      | .560        | 3.25         |                     |        | .304       | .136         | 10.30  | AN          | AO |    | AO |
| MS24585-150  | MS24585-1150   |                | MS24585-C150    |      |      | .620        | 3.75         |                     |        | .351       | .149         | 8.90   | AN          | AO |    | AO |
| MS24585-151  | MS24585-1151   |                | MS24585-C151    |      |      | .690        | 4.25         |                     |        | .398       | .162         | 7.80   | AN          | AO |    | AO |
| MS24585-152  | MS24585-1152   |                | MS24585-C152    |      |      | .750        | 4.50         |                     |        | .422       | .169         | 7.40   | AN          | AO |    | AO |
| MS24585-153  | MS24585-1153   |                | MS24585-C153    |      |      | .810        | 5.00         |                     |        | .468       | .182         | 6.70   | AN          | AO |    | AO |
| MS24585-154  | MS24585-1154   |                | MS24585-C154    |      |      | .880        | 5.50         |                     |        | .515       | .195         | 6.10   | AN          | AO |    | AO |
| MS24585-155  | MS24585-1155   |                | MS24585-C155    |      |      | .940        | 6.00         |                     |        | .562       | .208         | 5.50   | AN          | AO |    | AO |
| MS24585-156  | MS24585-1156   |                | MS24585-C156    |      |      | 1.000       | 6.50         |                     |        | .609       | .221         | 5.10   | AN          | AO |    | AO |
| MS24585-157  | MS24585-1157   | MS24585-2157   | MS24585-C157    | .300 | .032 | .440        | 3.00         | .0684               | 5.593  | .205       | .160         | 27.30  | AN          | AO | AN | AO |
| MS24585-158  | MS24585-1158   | MS24585-2158   | MS24585-C158    |      |      | .500        | 3.50         |                     |        | .237       | .176         | 23.60  | AN          | AO | AN | AO |
| MS24585-159  | MS24585-1159   | MS24585-2159   | MS24585-C159    |      |      | .560        | 4.00         |                     |        | .274       | .192         | 20.40  | AN          | AO | AN | AO |
| MS24585-160  | MS24585-1160   | MS24585-2160   | MS24585-C160    |      |      | .620        | 4.50         |                     |        | .308       | .208         | 18.20  | AN          | AO | AN | AO |
| MS24585-161  | MS24585-1161   | MS24585-2161   | MS24585-C161    |      |      | .690        | 5.00         |                     |        | .342       | .224         | 16.30  | AN          | AO | AN | AO |
| MS24585-162  | MS24585-1162   | MS24585-2162   | MS24585-C162    |      |      | .750        | 5.50         |                     |        | .376       | .240         | 14.90  | AN          | AO | AN | AO |
| MS24585-163  | MS24585-1163   | MS24585-2163   | MS24585-C163    |      |      | .810        | 6.00         |                     |        | .410       | .256         | 13.60  | AN          | AO | AN | AO |
| MS24585-164  | MS24585-1164   | MS24585-2164   | MS24585-C164    |      |      | .880        | 6.50         |                     |        | .445       | .272         | 12.60  | AN          | AO | AN | AO |
| MS24585-165  | MS24585-1165   | MS24585-2165   | MS24585-C165    |      |      | .940        | 7.25         |                     |        | .496       | .296         | 11.30  | AN          | AO | AN | AO |
| MS24585-166  | MS24585-1166   | MS24585-2166   | MS24585-C166    |      |      | 1.000       | 7.75         |                     |        | .530       | .312         | 10.60  | AN          | AO | AN | AO |

## SPECIAL INSTRUCTIONS FOR MS24585 COMPRESSION SPRINGS

PRICING: See Price List or visit leespring.in for pricing.

CALCULATIONS: Spring Rate and Load are for Music Wire. For Stainless Steel, multiply figures shown by 5/6 (.833).

COMPLIANCE: All MS24585 Stainless Steel parts are DFARS Compliant; CAD Plated MS24585 parts are NOT RoHS compliant.

# SPECIALTY STOCK PARTS: MIL-SPEC

ENDS ARE GROUND • Compression Springs (MS24585)

| MUSIC WIRE   |                |                | STAINLESS STEEL | OD   | W    | FREE LENGTH | ACTIVE COILS | DEFLECTION PER COIL | LOAD   | DEFLECTION | SOLID HEIGHT | RATE   | PRICE GROUP |    |    |    |
|--------------|----------------|----------------|-----------------|------|------|-------------|--------------|---------------------|--------|------------|--------------|--------|-------------|----|----|----|
| UNPLATED (U) | CAD. PLATE (C) | ZINC PLATE (Z) | PASSIVATED (S)  | IN   | IN   | IN          |              | IN                  | LB     | IN         | IN           | LB/IN  | U           | C  | Z  | S  |
| MS24585-167  | MS24585-1167   |                | MS24585-C167    |      |      | .380        | 2.50         |                     |        | .130       | .171         | 69.60  | AN          | AO |    | AO |
| MS24585-168  | MS24585-1168   |                | MS24585-C168    |      |      | .440        | 3.25         |                     |        | .169       | .199         | 53.50  | AN          | AO |    | AO |
| MS24585-169  | MS24585-1169   |                | MS24585-C169    |      |      | .500        | 3.75         |                     |        | .195       | .218         | 46.40  | AN          | AO |    | AO |
| MS24585-170  | MS24585-1170   |                | MS24585-C170    |      |      | .560        | 4.50         |                     |        | .233       | .247         | 38.80  | AN          | AO |    | AO |
| MS24585-171  | MS24585-1171   |                | MS24585-C171    |      |      | .620        | 5.00         |                     |        | .259       | .266         | 34.90  | AN          | AO |    | AO |
| MS24585-172  | MS24585-1172   |                | MS24585-C172    |      |      | .690        | 5.75         |                     |        | .298       | .294         | 30.30  | AN          | AO |    | AO |
| MS24585-173  | MS24585-1173   |                | MS24585-C173    |      |      | .750        | 6.25         |                     |        | .324       | .313         | 27.90  | AN          | AO |    | AO |
| MS24585-174  | MS24585-1174   |                | MS24585-C174    | .300 | .038 | .810        | 6.75         | .0519               | 9.043  | .350       | .332         | 25.80  | AN          | AO |    | AO |
| MS24585-175  | MS24585-1175   |                | MS24585-C175    |      |      | .880        | 7.50         |                     |        | .389       | .361         | 23.20  | AN          | AO |    | AO |
| MS24585-176  | MS24585-1176   |                | MS24585-C176    |      |      | .940        | 8.00         |                     |        | .415       | .380         | 21.80  | AN          | AO |    | AO |
| MS24585-177  | MS24585-1177   |                | MS24585-C177    |      |      | 1.000       | 8.50         |                     |        | .441       | .399         | 20.50  | AN          | AO |    | AO |
| MS24585-178  | MS24585-1178   |                | MS24585-C178    |      |      | 1.120       | 9.50         |                     |        | .493       | .437         | 18.30  | AN          | AO |    | AO |
| MS24585-179  | MS24585-1179   |                | MS24585-C179    |      |      | 1.250       | 10.50        |                     |        | .545       | .475         | 16.60  | AN          | AO |    | AO |
| MS24585-180  | MS24585-1180   |                | MS24585-C180    |      |      | 1.380       | 11.50        |                     |        | .597       | .513         | 15.10  | AN          | AO |    | AO |
| MS24585-181  | MS24585-1181   |                | MS24585-C181    |      |      | 1.500       | 12.50        |                     |        | .648       | .551         | 13.90  | AN          | AO |    | AO |
| MS24585-182  | MS24585-1182   | MS24585-2182   | MS24585-C182    |      |      | .380        | 2.50         |                     |        | .109       | .189         | 108.30 | AN          | AO | AN | AO |
| MS24585-183  | MS24585-1183   | MS24585-2183   | MS24585-C183    |      |      | .440        | 3.00         |                     |        | .130       | .210         | 90.80  | AN          | AO | AN | AO |
| MS24585-184  | MS24585-1184   | MS24585-2184   | MS24585-C184    |      |      | .500        | 3.75         |                     |        | .167       | .241         | 70.70  | AN          | AO | AN | AO |
| MS24585-185  | MS24585-1185   | MS24585-2185   | MS24585-C185    |      |      | .560        | 4.50         |                     |        | .196       | .273         | 60.20  | AN          | AO | AN | AO |
| MS24585-186  | MS24585-1186   | MS24585-2186   | MS24585-C186    |      |      | .620        | 5.25         |                     |        | .229       | .304         | 51.60  | AN          | AO | AN | AO |
| MS24585-187  | MS24585-1187   | MS24585-2187   | MS24585-C187    |      |      | .690        | 6.00         |                     |        | .262       | .336         | 45.10  | AN          | AO | AN | AO |
| MS24585-188  | MS24585-1188   | MS24585-2188   | MS24585-C188    |      |      | .750        | 6.50         |                     |        | .283       | .357         | 41.70  | AN          | AO | AN | AO |
| MS24585-189  | MS24585-1189   | MS24585-2189   | MS24585-C189    | .300 | .042 | .810        | 7.25         | .0436               | 11.810 | .316       | .388         | 37.40  | AN          | AO | AN | AO |
| MS24585-190  | MS24585-1190   | MS24585-2190   | MS24585-C190    |      |      | .880        | 8.00         |                     |        | .349       | .420         | 33.80  | AN          | AO | AN | AO |
| MS24585-191  | MS24585-1191   | MS24585-2191   | MS24585-C191    |      |      | .940        | 8.50         |                     |        | .370       | .441         | 31.90  | AN          | AO | AN | AO |
| MS24585-192  | MS24585-1192   | MS24585-2192   | MS24585-C192    |      |      | 1.000       | 9.00         |                     |        | .392       | .462         | 30.10  | AN          | AO | AN | AO |
| MS24585-193  | MS24585-1193   | MS24585-2193   | MS24585-C193    |      |      | 1.120       | 10.00        |                     |        | .436       | .504         | 27.10  | AN          | AO | AN | AO |
| MS24585-194  | MS24585-1194   | MS24585-2194   | MS24585-C194    |      |      | 1.250       | 11.25        |                     |        | .490       | .556         | 24.10  | AN          | AO | AN | AO |
| MS24585-195  | MS24585-1195   | MS24585-2195   | MS24585-C195    |      |      | 1.380       | 12.50        |                     |        | .545       | .609         | 21.70  | AN          | AO | AN | AO |
| MS24585-196  | MS24585-1196   | MS24585-2196   | MS24585-C196    |      |      | 1.500       | 13.75        |                     |        | .599       | .661         | 19.70  | AN          | AO | AN | AO |
| MS24585-197  | MS24585-1197   |                | MS24585-C197    |      |      | .380        | 2.50         |                     |        | .096       | .202         | 148.50 | AN          | AO |    | AO |
| MS24585-198  | MS24585-1198   |                | MS24585-C198    |      |      | .440        | 3.25         |                     |        | .125       | .236         | 114.10 | AN          | AO |    | AO |
| MS24585-199  | MS24585-1199   |                | MS24585-C199    |      |      | .500        | 4.00         |                     |        | .154       | .270         | 92.60  | AN          | AO |    | AO |
| MS24585-200  | MS24585-1200   |                | MS24585-C200    |      |      | .560        | 4.75         |                     |        | .182       | .304         | 78.30  | AN          | AO |    | AO |
| MS24585-201  | MS24585-1201   |                | MS24585-C201    |      |      | .620        | 5.50         |                     |        | .211       | .337         | 67.60  | AN          | AO |    | AO |
| MS24585-202  | MS24585-1202   |                | MS24585-C202    |      |      | .690        | 6.00         |                     |        | .230       | .360         | 62.00  | AN          | AO |    | AO |
| MS24585-203  | MS24585-1203   |                | MS24585-C203    |      |      | .750        | 6.75         |                     |        | .259       | .394         | 55.00  | AN          | AO |    | AO |
| MS24585-204  | MS24585-1204   |                | MS24585-C204    | .300 | .045 | .810        | 7.25         | .0384               | 14.260 | .278       | .416         | 51.30  | AN          | AO |    | AO |
| MS24585-205  | MS24585-1205   |                | MS24585-C205    |      |      | .880        | 8.00         |                     |        | .307       | .450         | 46.40  | AN          | AO |    | AO |
| MS24585-206  | MS24585-1206   |                | MS24585-C206    |      |      | .940        | 8.75         |                     |        | .336       | .484         | 42.40  | AN          | AO |    | AO |
| MS24585-207  | MS24585-1207   |                | MS24585-C207    |      |      | 1.000       | 9.25         |                     |        | .355       | .506         | 40.20  | AN          | AO |    | AO |
| MS24585-208  | MS24585-1208   |                | MS24585-C208    |      |      | 1.120       | 10.25        |                     |        | .394       | .551         | 36.20  | AN          | AO |    | AO |
| MS24585-209  | MS24585-1209   |                | MS24585-C209    |      |      | 1.250       | 11.50        |                     |        | .441       | .607         | 32.30  | AN          | AO |    | AO |
| MS24585-210  | MS24585-1210   |                | MS24585-C210    |      |      | 1.380       | 12.75        |                     |        | .490       | .664         | 29.10  | AN          | AO |    | AO |
| MS24585-211  | MS24585-1211   |                | MS24585-C211    |      |      | 1.500       | 14.00        |                     |        | .538       | .720         | 26.50  | AN          | AO |    | AO |
| MS24585-212  | MS24585-1212   | MS24585-2212   | MS24585-C212    |      |      | .500        | 2.00         |                     |        | .356       | .088         | 4.50   | AN          | AO | AN | AO |
| MS24585-213  | MS24585-1213   | MS24585-2213   | MS24585-C213    |      |      | .620        | 2.25         |                     |        | .401       | .093         | 4.00   | AN          | AO | AN | AO |
| MS24585-214  | MS24585-1214   | MS24585-2214   | MS24585-C214    |      |      | .690        | 2.50         |                     |        | .445       | .099         | 3.60   | AN          | AO | AN | AO |
| MS24585-215  | MS24585-1215   | MS24585-2215   | MS24585-C215    | .360 | .022 | .750        | 2.75         | .1782               | 1.622  | .490       | .104         | 3.30   | AN          | AO | AN | AO |
| MS24585-216  | MS24585-1216   | MS24585-2216   | MS24585-C216    |      |      | .810        | 3.00         |                     |        | .535       | .110         | 3.00   | AN          | AO | AN | AO |
| MS24585-217  | MS24585-1217   | MS24585-2217   | MS24585-C217    |      |      | .880        | 3.25         |                     |        | .579       | .115         | 2.80   | AN          | AO | AN | AO |
| MS24585-218  | MS24585-1218   | MS24585-2218   | MS24585-C218    |      |      | .940        | 3.50         |                     |        | .624       | .121         | 2.60   | AN          | AO | AN | AO |
| MS24585-219  | MS24585-1219   | MS24585-2219   | MS24585-C219    |      |      | 1.000       | 3.75         |                     |        | .668       | .126         | 2.40   | AN          | AO | AN | AO |

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**COMPLIANCE:** All MS24585 Stainless Steel parts are DFARS Compliant; CAD Plated MS24585 parts are NOT RoHS compliant.

| MUSIC WIRE   |                |                | STAINLESS STEEL | OD | W  | FREE LENGTH | ACTIVE COILS | DEFLECTION PER COIL | LOAD   | DEFLECTION | SOLID HEIGHT | RATE  | PRICE GROUP |    |    |    |
|--------------|----------------|----------------|-----------------|----|----|-------------|--------------|---------------------|--------|------------|--------------|-------|-------------|----|----|----|
| UNPLATED (U) | CAD. PLATE (C) | ZINC PLATE (Z) | PASSIVATED (S)  | IN | IN | IN          |              | IN                  | LB     | IN         | IN           | LB/IN | U           | C  | Z  | S  |
| MS24585-220  | MS24585-1220   |                | MS24585-C220    |    |    | .500        | 2.00         |                     |        | .285       | .104         | 9.20  | AN          | AO |    | AO |
| MS24585-221  | MS24585-1221   |                | MS24585-C221    |    |    | .560        | 2.25         |                     |        | .321       | .110         | 8.20  | AN          | AO |    | AO |
| MS24585-222  | MS24585-1222   |                | MS24585-C222    |    |    | .620        | 2.50         |                     |        | .356       | .117         | 7.40  | AN          | AO |    | AO |
| MS24585-223  | MS24585-1223   |                | MS24585-C223    |    |    | .690        | 2.75         |                     |        | .392       | .123         | 6.70  | AN          | AO |    | AO |
| MS24585-224  | MS24585-1224   |                | MS24585-C224    |    |    | .750        | 3.00         | .1425               | 2.621  | .427       | .130         | 6.10  | AN          | AO |    | AO |
| MS24585-225  | MS24585-1225   |                | MS24585-C225    |    |    | .810        | 3.25         |                     |        | .463       | .136         | 5.70  | AN          | AO |    | AO |
| MS24585-226  | MS24585-1226   |                | MS24585-C226    |    |    | .880        | 3.75         |                     |        | .534       | .149         | 4.90  | AN          | AO |    | AO |
| MS24585-227  | MS24585-1227   |                | MS24585-C227    |    |    | .940        | 4.00         |                     |        | .570       | .156         | 4.60  | AN          | AO |    | AO |
| MS24585-228  | MS24585-1228   |                | MS24585-C228    |    |    | 1.000       | 4.50         |                     |        | .641       | .169         | 4.10  | AN          | AO |    | AO |
| MS24585-229  | MS24585-1229   |                | MS24585-C229    |    |    | 1.120       | 4.75         |                     |        | .677       | .175         | 3.90  | AN          | AO |    | AO |
| MS24585-230  | MS24585-1230   | MS24585-2230   | MS24585-C230    |    |    | .500        | 2.50         |                     |        | .263       | .144         | 17.90 | AN          | AO | AN | AO |
| MS24585-231  | MS24585-1231   | MS24585-2231   | MS24585-C231    |    |    | .560        | 2.75         |                     |        | .290       | .152         | 16.30 | AN          | AO | AN | AO |
| MS24585-232  | MS24585-1232   | MS24585-2232   | MS24585-C232    |    |    | .620        | 3.00         |                     |        | .316       | .160         | 14.90 | AN          | AO | AN | AO |
| MS24585-233  | MS24585-1233   | MS24585-2233   | MS24585-C233    |    |    | .690        | 3.50         |                     |        | .369       | .176         | 12.80 | AN          | AO | AN | AO |
| MS24585-234  | MS24585-1234   | MS24585-2234   | MS24585-C234    |    |    | .750        | 3.75         |                     |        | .395       | .184         | 11.90 | AN          | AO | AN | AO |
| MS24585-235  | MS24585-1235   | MS24585-2235   | MS24585-C235    |    |    | .810        | 4.00         | .1054               | 4.718  | .422       | .192         | 11.20 | AN          | AO | AN | AO |
| MS24585-236  | MS24585-1236   | MS24585-2236   | MS24585-C236    |    |    | .880        | 4.50         |                     |        | .474       | .208         | 9.90  | AN          | AO | AN | AO |
| MS24585-237  | MS24585-1237   | MS24585-2237   | MS24585-C237    |    |    | .940        | 4.75         |                     |        | .501       | .216         | 9.40  | AN          | AO | AN | AO |
| MS24585-238  | MS24585-1238   | MS24585-2238   | MS24585-C238    |    |    | 1.000       | 5.25         |                     |        | .553       | .232         | 8.50  | AN          | AO | AN | AO |
| MS24585-239  | MS24585-1239   | MS24585-2239   | MS24585-C239    |    |    | 1.120       | 6.00         |                     |        | .632       | .256         | 7.50  | AN          | AO | AN | AO |
| MS24585-240  | MS24585-1240   | MS24585-2240   | MS24585-C240    |    |    | 1.380       | 7.50         |                     |        | .790       | .304         | 6.00  | AN          | AO | AN | AO |
| MS24585-241  | MS24585-1241   | MS24585-2241   | MS24585-C241    |    |    | 1.500       | 8.25         |                     |        | .869       | .328         | 5.40  | AN          | AO | AN | AO |
| MS24585-242  | MS24585-1242   |                | MS24585-C242    |    |    | .440        | 2.50         |                     |        | .204       | .171         | 37.40 | AN          | AO |    | AO |
| MS24585-243  | MS24585-1243   |                | MS24585-C243    |    |    | .500        | 2.75         |                     |        | .224       | .180         | 34.10 | AN          | AO |    | AO |
| MS24585-244  | MS24585-1244   |                | MS24585-C244    |    |    | .560        | 3.25         |                     |        | .265       | .199         | 28.80 | AN          | AO |    | AO |
| MS24585-245  | MS24585-1245   |                | MS24585-C245    |    |    | .620        | 3.75         |                     |        | .306       | .218         | 24.90 | AN          | AO |    | AO |
| MS24585-246  | MS24585-1246   |                | MS24585-C246    |    |    | .690        | 4.25         |                     |        | .346       | .237         | 22.10 | AN          | AO |    | AO |
| MS24585-247  | MS24585-1247   |                | MS24585-C247    |    |    | .750        | 4.50         |                     |        | .367       | .247         | 20.80 | AN          | AO |    | AO |
| MS24585-248  | MS24585-1248   |                | MS24585-C248    |    |    | .810        | 5.00         | .0815               | 7.631  | .407       | .266         | 18.70 | AN          | AO |    | AO |
| MS24585-249  | MS24585-1249   |                | MS24585-C249    |    |    | .880        | 5.50         |                     |        | .448       | .285         | 17.00 | AN          | AO |    | AO |
| MS24585-250  | MS24585-1250   |                | MS24585-C250    |    |    | .940        | 6.00         |                     |        | .489       | .304         | 15.60 | AN          | AO |    | AO |
| MS24585-251  | MS24585-1251   |                | MS24585-C251    |    |    | 1.000       | 6.25         |                     |        | .509       | .313         | 15.00 | AN          | AO |    | AO |
| MS24585-252  | MS24585-1252   |                | MS24585-C252    |    |    | 1.120       | 7.25         |                     |        | .591       | .351         | 12.90 | AN          | AO |    | AO |
| MS24585-253  | MS24585-1253   |                | MS24585-C253    |    |    | 1.250       | 8.00         |                     |        | .652       | .380         | 11.70 | AN          | AO |    | AO |
| MS24585-254  | MS24585-1254   |                | MS24585-C254    |    |    | 1.380       | 9.00         |                     |        | .733       | .418         | 10.40 | AN          | AO |    | AO |
| MS24585-255  | MS24585-1255   |                | MS24585-C255    |    |    | 1.500       | 9.75         |                     |        | .795       | .446         | 9.60  | AN          | AO |    | AO |
| MS24585-256  | MS24585-1256   |                | MS24585-C256    |    |    | .440        | 2.50         |                     |        | .172       | .189         | 58.10 | AN          | AO |    | AO |
| MS24585-257  | MS24585-1257   |                | MS24585-C257    |    |    | .500        | 3.00         |                     |        | .207       | .210         | 48.30 | AN          | AO |    | AO |
| MS24585-258  | MS24585-1258   |                | MS24585-C258    |    |    | .560        | 3.50         |                     |        | .242       | .231         | 41.30 | AN          | AO |    | AO |
| MS24585-259  | MS24585-1259   |                | MS24585-C259    |    |    | .620        | 3.75         |                     |        | .259       | .241         | 38.60 | AN          | AO |    | AO |
| MS24585-260  | MS24585-1260   |                | MS24585-C260    |    |    | .690        | 4.25         |                     |        | .294       | .262         | 34.00 | AN          | AO |    | AO |
| MS24585-261  | MS24585-1261   |                | MS24585-C261    |    |    | .750        | 4.75         |                     |        | .328       | .283         | 30.50 | AN          | AO |    | AO |
| MS24585-262  | MS24585-1262   |                | MS24585-C262    |    |    | .810        | 5.25         | .0691               | 10.000 | .363       | .304         | 27.50 | AN          | AO |    | AO |
| MS24585-263  | MS24585-1263   |                | MS24585-C263    |    |    | .880        | 5.75         |                     |        | .397       | .325         | 25.20 | AN          | AO |    | AO |
| MS24585-264  | MS24585-1264   |                | MS24585-C264    |    |    | .940        | 6.25         |                     |        | .432       | .346         | 23.10 | AN          | AO |    | AO |
| MS24585-265  | MS24585-1265   |                | MS24585-C265    |    |    | 1.000       | 6.75         |                     |        | .466       | .367         | 21.50 | AN          | AO |    | AO |
| MS24585-266  | MS24585-1266   |                | MS24585-C266    |    |    | 1.120       | 7.75         |                     |        | .535       | .409         | 18.70 | AN          | AO |    | AO |
| MS24585-267  | MS24585-1267   |                | MS24585-C267    |    |    | 1.250       | 8.50         |                     |        | .587       | .441         | 17.00 | AN          | AO |    | AO |
| MS24585-268  | MS24585-1268   |                | MS24585-C268    |    |    | 1.380       | 9.25         |                     |        | .639       | .472         | 15.60 | AN          | AO |    | AO |
| MS24585-269  | MS24585-1269   |                | MS24585-C269    |    |    | 1.500       | 10.00        |                     |        | .691       | .504         | 14.50 | AN          | AO |    | AO |

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# SPECIALTY STOCK PARTS: MIL-SPEC

ENDS ARE GROUND • Compression Springs (MS24585)

| MUSIC WIRE   |                |                | STAINLESS STEEL | OD   | W    | FREE LENGTH | ACTIVE COILS | DEFLECTION PER COIL | LOAD   | DEFLECTION | SOLID HEIGHT | RATE  | PRICE GROUP |    |    |    |
|--------------|----------------|----------------|-----------------|------|------|-------------|--------------|---------------------|--------|------------|--------------|-------|-------------|----|----|----|
| UNPLATED (U) | CAD. PLATE (C) | ZINC PLATE (Z) | PASSIVATED (S)  | IN   | IN   | IN          |              | IN                  | LB     | IN         | IN           | LB/IN | U           | C  | Z  | S  |
| MS24585-270  | MS24585-1270   | MS24585-2270   | MS24585-C270    |      |      | .440        | 2.50         |                     |        | .153       | .202         | 79.00 | AN          | AO | AN | AO |
| MS24585-271  | MS24585-1271   | MS24585-2271   | MS24585-C271    |      |      | .500        | 3.00         |                     |        | .184       | .225         | 65.70 | AN          | AO | AN | AO |
| MS24585-272  | MS24585-1272   | MS24585-2272   | MS24585-C272    |      |      | .560        | 3.50         |                     |        | .215       | .247         | 56.20 | AN          | AO | AN | AO |
| MS24585-273  | MS24585-1273   | MS24585-2273   | MS24585-C273    |      |      | .620        | 4.00         |                     |        | .246       | .270         | 49.10 | AN          | AO | AN | AO |
| MS24585-274  | MS24585-1274   | MS24585-2274   | MS24585-C274    |      |      | .690        | 4.50         |                     |        | .276       | .292         | 43.80 | AN          | AO | AN | AO |
| MS24585-275  | MS24585-1275   | MS24585-2275   | MS24585-C275    |      |      | .750        | 5.00         |                     |        | .307       | .315         | 39.40 | AN          | AO | AN | AO |
| MS24585-276  | MS24585-1276   | MS24585-2276   | MS24585-C276    | .360 | .045 | .810        | 5.50         | .0614               | 12.090 | .338       | .337         | 35.80 | AN          | AO | AN | AO |
| MS24585-277  | MS24585-1277   | MS24585-2277   | MS24585-C277    |      |      | .880        | 6.00         |                     |        | .368       | .360         | 32.80 | AN          | AO | AN | AO |
| MS24585-278  | MS24585-1278   | MS24585-2278   | MS24585-C278    |      |      | .940        | 6.50         |                     |        | .399       | .382         | 30.30 | AN          | AO | AN | AO |
| MS24585-279  | MS24585-1279   | MS24585-2279   | MS24585-C279    |      |      | 1.000       | 7.00         |                     |        | .430       | .405         | 28.10 | AN          | AO | AN | AO |
| MS24585-280  | MS24585-1280   | MS24585-2280   | MS24585-C280    |      |      | 1.120       | 8.00         |                     |        | .491       | .450         | 24.60 | AN          | AO | AN | AO |
| MS24585-281  | MS24585-1281   | MS24585-2281   | MS24585-C281    |      |      | 1.250       | 9.00         |                     |        | .552       | .495         | 21.90 | AN          | AO | AN | AO |
| MS24585-282  | MS24585-1282   | MS24585-2282   | MS24585-C282    |      |      | 1.380       | 10.00        |                     |        | .614       | .540         | 19.70 | AN          | AO | AN | AO |
| MS24585-283  | MS24585-1283   | MS24585-2283   | MS24585-C283    |      |      | 1.500       | 11.00        |                     |        | .675       | .585         | 17.90 | AN          | AO | AN | AO |
| MS24585-284  | MS24585-1284   | MS24585-2284   | MS24585-C284    |      |      | .620        | 2.50         |                     |        | .344       | .171         | 17.90 | AN          | AO | AN | AO |
| MS24585-285  | MS24585-1285   | MS24585-2285   | MS24585-C285    |      |      | .690        | 2.75         |                     |        | .379       | .180         | 16.30 | AN          | AO | AN | AO |
| MS24585-286  | MS24585-1286   | MS24585-2286   | MS24585-C286    |      |      | .750        | 3.00         |                     |        | .413       | .190         | 14.90 | AN          | AO | AN | AO |
| MS24585-287  | MS24585-1287   | MS24585-2287   | MS24585-C287    |      |      | .810        | 3.25         |                     |        | .448       | .199         | 13.80 | AN          | AO | AN | AO |
| MS24585-288  | MS24585-1288   | MS24585-2288   | MS24585-C288    |      |      | .880        | 3.50         |                     |        | .482       | .209         | 12.80 | AN          | AO | AN | AO |
| MS24585-289  | MS24585-1289   | MS24585-2289   | MS24585-C289    | .450 | .038 | .940        | 3.75         | .1378               | 6.167  | .517       | .218         | 11.90 | AN          | AO | AN | AO |
| MS24585-290  | MS24585-1290   | MS24585-2290   | MS24585-C290    |      |      | 1.000       | 4.00         |                     |        | .551       | .228         | 11.20 | AN          | AO | AN | AO |
| MS24585-291  | MS24585-1291   | MS24585-2291   | MS24585-C291    |      |      | 1.120       | 4.75         |                     |        | .654       | .256         | 9.40  | AN          | AO | AN | AO |
| MS24585-292  | MS24585-1292   | MS24585-2292   | MS24585-C292    |      |      | 1.250       | 5.25         |                     |        | .723       | .275         | 8.50  | AN          | AO | AN | AO |
| MS24585-293  | MS24585-1293   | MS24585-2293   | MS24585-C293    |      |      | 1.380       | 5.75         |                     |        | .792       | .294         | 7.80  | AN          | AO | AN | AO |
| MS24585-294  | MS24585-1294   | MS24585-2294   | MS24585-C294    |      |      | 1.500       | 6.50         |                     |        | .896       | .323         | 6.90  | AN          | AO | AN | AO |
| MS24585-295  | MS24585-1295   |                | MS24585-C295    |      |      | .620        | 2.50         |                     |        | .296       | .189         | 27.50 | AN          | AO |    | AO |
| MS24585-296  | MS24585-1296   |                | MS24585-C296    |      |      | .690        | 3.00         |                     |        | .354       | .210         | 23.00 | AN          | AO |    | AO |
| MS24585-297  | MS24585-1297   |                | MS24585-C297    |      |      | .750        | 3.25         |                     |        | .384       | .220         | 21.20 | AN          | AO |    | AO |
| MS24585-298  | MS24585-1298   |                | MS24585-C298    |      |      | .810        | 3.50         |                     |        | .414       | .231         | 19.60 | AN          | AO |    | AO |
| MS24585-299  | MS24585-1299   |                | MS24585-C299    | .450 | .042 | .880        | 4.00         | .1183               | 8.136  | .473       | .252         | 17.20 | AN          | AO |    | AO |
| MS24585-300  | MS24585-1300   |                | MS24585-C300    |      |      | .940        | 4.25         |                     |        | .503       | .262         | 16.20 | AN          | AO |    | AO |
| MS24585-301  | MS24585-1301   |                | MS24585-C301    |      |      | 1.000       | 4.50         |                     |        | .532       | .273         | 15.30 | AN          | AO |    | AO |
| MS24585-302  | MS24585-1302   |                | MS24585-C302    |      |      | 1.120       | 5.00         |                     |        | .591       | .294         | 13.70 | AO          | AP |    | AP |
| MS24585-303  | MS24585-1303   |                | MS24585-C303    |      |      | 1.250       | 5.75         |                     |        | .680       | .325         | 12.00 | AO          | AP |    | AP |
| MS24585-304  | MS24585-1304   |                | MS24585-C304    |      |      | 1.380       | 6.50         |                     |        | .769       | .357         | 10.60 | AO          | AP |    | AP |
| MS24585-305  | MS24585-1305   |                | MS24585-C305    |      |      | 1.500       | 7.25         |                     |        | .858       | .388         | 9.50  | AO          | AP |    | AP |
| MS24585-306  | MS24585-1306   | MS24585-2306   | MS24585-C306    |      |      | .560        | 2.50         |                     |        | .264       | .202         | 37.10 | AN          | AO | AN | AO |
| MS24585-307  | MS24585-1307   | MS24585-2307   | MS24585-C307    |      |      | .620        | 2.75         |                     |        | .291       | .214         | 33.60 | AN          | AO | AN | AO |
| MS24585-308  | MS24585-1308   | MS24585-2308   | MS24585-C308    |      |      | .690        | 3.25         |                     |        | .343       | .236         | 28.50 | AN          | AO | AN | AO |
| MS24585-309  | MS24585-1309   | MS24585-2309   | MS24585-C309    |      |      | .750        | 3.50         |                     |        | .370       | .247         | 26.40 | AN          | AO | AN | AO |
| MS24585-310  | MS24585-1310   | MS24585-2310   | MS24585-C310    |      |      | .810        | 3.75         |                     |        | .396       | .259         | 24.70 | AN          | AO | AN | AO |
| MS24585-311  | MS24585-1311   | MS24585-2311   | MS24585-C311    | .450 | .045 | .880        | 4.25         | .1057               | 9.785  | .449       | .281         | 21.70 | AN          | AO | AN | AO |
| MS24585-312  | MS24585-1312   | MS24585-2312   | MS24585-C312    |      |      | .940        | 4.50         |                     |        | .476       | .292         | 20.50 | AN          | AO | AN | AO |
| MS24585-313  | MS24585-1313   | MS24585-2313   | MS24585-C313    |      |      | 1.000       | 4.75         |                     |        | .502       | .304         | 19.50 | AN          | AO | AN | AO |
| MS24585-314  | MS24585-1314   | MS24585-2314   | MS24585-C314    |      |      | 1.120       | 5.50         |                     |        | .581       | .337         | 16.80 | AO          | AP | AO | AP |
| MS24585-315  | MS24585-1315   | MS24585-2315   | MS24585-C315    |      |      | 1.250       | 6.00         |                     |        | .634       | .360         | 15.40 | AO          | AP | AO | AP |
| MS24585-316  | MS24585-1316   | MS24585-2316   | MS24585-C316    |      |      | 1.380       | 6.75         |                     |        | .713       | .394         | 13.70 | AO          | AP | AO | AP |
| MS24585-317  | MS24585-1317   | MS24585-2317   | MS24585-C317    |      |      | 1.500       | 7.50         |                     |        | .793       | .427         | 12.30 | AO          | AP | AO | AP |
| MS24585-318  | MS24585-1318   |                | MS24585-C318    |      |      | .500        | 2.50         |                     |        | .191       | .247         | 89.10 | AN          | AO |    | AO |
| MS24585-319  | MS24585-1319   |                | MS24585-C319    |      |      | .560        | 2.75         |                     |        | .210       | .261         | 81.00 | AN          | AO |    | AO |
| MS24585-320  | MS24585-1320   |                | MS24585-C320    |      |      | .620        | 3.25         |                     |        | .248       | .289         | 68.60 | AN          | AO |    | AO |
| MS24585-321  | MS24585-1321   |                | MS24585-C321    |      |      | .690        | 3.75         |                     |        | .286       | .316         | 59.50 | AN          | AO |    | AO |
| MS24585-322  | MS24585-1322   |                | MS24585-C322    |      |      | .750        | 4.00         |                     |        | .306       | .330         | 55.60 | AN          | AO |    | AO |
| MS24585-323  | MS24585-1323   |                | MS24585-C323    |      |      | .810        | 4.25         |                     |        | .325       | .344         | 52.40 | AN          | AO |    | AO |
| MS24585-324  | MS24585-1324   |                | MS24585-C324    | .450 | .055 | .880        | 4.75         | .0764               | 17.020 | .363       | .371         | 46.90 | AN          | AO |    | AO |
| MS24585-325  | MS24585-1325   |                | MS24585-C325    |      |      | .940        | 5.25         |                     |        | .401       | .399         | 42.40 | AN          | AO |    | AO |
| MS24585-326  | MS24585-1326   |                | MS24585-C326    |      |      | 1.000       | 5.75         |                     |        | .439       | .426         | 38.80 | AN          | AO |    | AO |
| MS24585-327  | MS24585-1327   |                | MS24585-C327    |      |      | 1.120       | 6.50         |                     |        | .497       | .467         | 34.20 | AO          | AP |    | AP |
| MS24585-328  | MS24585-1328   |                | MS24585-C328    |      |      | 1.250       | 7.25         |                     |        | .554       | .509         | 30.70 | AO          | AP |    | AP |
| MS24585-329  | MS24585-1329   |                | MS24585-C329    |      |      | 1.380       | 8.00         |                     |        | .611       | .550         | 27.80 | AO          | AP |    | AP |
| MS24585-330  | MS24585-1330   |                | MS24585-C330    |      |      | 1.500       | 8.75         |                     |        | .668       | .591         | 25.50 | AO          | AP |    | AP |

## SPECIAL INSTRUCTIONS FOR MS24585 COMPRESSION SPRINGS

**PRICING:** See Price List or visit leespring.in for pricing.

**CALCULATIONS:** Spring Rate and Load are for Music Wire. For Stainless Steel, multiply figures shown by 5/6 (.833).

**COMPLIANCE:** All MS24585 Stainless Steel parts are DFARS Compliant; CAD Plated MS24585 parts are NOT RoHS compliant.

| MUSIC WIRE   |                |                | STAINLESS STEEL | OD   | W    | FREE LENGTH | ACTIVE COILS | DEFLECTION PER COIL | LOAD   | DEFLECTION | SOLID HEIGHT | RATE  | PRICE GROUP |    |    |    |
|--------------|----------------|----------------|-----------------|------|------|-------------|--------------|---------------------|--------|------------|--------------|-------|-------------|----|----|----|
| UNPLATED (U) | CAD. PLATE (C) | ZINC PLATE (Z) | PASSIVATED (S)  | IN   | IN   | IN          |              | IN                  | LB     | IN         | IN           | LB/IN | U           | C  | Z  | S  |
| MS24585-331  | MS24585-1331   |                | MS24585-C331    |      |      | .620        | 2.00         |                     |        | .351       | .152         | 15.90 | AN          | AO |    | AO |
| MS24585-332  | MS24585-1332   |                | MS24585-C332    |      |      | .690        | 2.25         |                     |        | .395       | .161         | 14.10 | AN          | AO |    | AO |
| MS24585-333  | MS24585-1333   |                | MS24585-C333    |      |      | .750        | 2.50         |                     |        | .439       | .171         | 12.70 | AN          | AO |    | AO |
| MS24585-334  | MS24585-1334   |                | MS24585-C334    |      |      | .810        | 2.75         |                     |        | .483       | .180         | 11.50 | AN          | AO |    | AO |
| MS24585-335  | MS24585-1335   |                | MS24585-C335    |      |      | .880        | 3.00         |                     |        | .527       | .190         | 10.60 | AN          | AO |    | AO |
| MS24585-336  | MS24585-1336   |                | MS24585-C336    | .500 | .038 | .940        | 3.25         | .1757               | 5.575  | .571       | .199         | 9.80  | AN          | AO |    | AO |
| MS24585-337  | MS24585-1337   |                | MS24585-C337    |      |      | 1.000       | 3.50         |                     |        | .614       | .209         | 9.10  | AN          | AO |    | AO |
| MS24585-338  | MS24585-1338   |                | MS24585-C338    |      |      | 1.120       | 3.75         |                     |        | .659       | .218         | 8.50  | AO          | AP |    | AP |
| MS24585-339  | MS24585-1339   |                | MS24585-C339    |      |      | 1.250       | 4.25         |                     |        | .747       | .237         | 7.50  | AO          | AP |    | AP |
| MS24585-340  | MS24585-1340   |                | MS24585-C340    |      |      | 1.380       | 4.75         |                     |        | .834       | .256         | 6.70  | AO          | AP |    | AP |
| MS24585-341  | MS24585-1341   |                | MS24585-C341    |      |      | 1.500       | 5.25         |                     |        | .922       | .275         | 6.00  | AO          | AP |    | AP |
| MS24585-342  | MS24585-1342   |                | MS24585-C342    |      |      | .560        | 2.00         |                     |        | .302       | .168         | 24.30 | AN          | AO |    | AO |
| MS24585-343  | MS24585-1343   |                | MS24585-C343    |      |      | .620        | 2.25         |                     |        | .340       | .178         | 21.60 | AN          | AO |    | AO |
| MS24585-344  | MS24585-1344   |                | MS24585-C344    |      |      | .690        | 2.50         |                     |        | .378       | .189         | 19.40 | AN          | AO |    | AO |
| MS24585-345  | MS24585-1345   |                | MS24585-C345    |      |      | .750        | 2.75         |                     |        | .416       | .199         | 17.60 | AN          | AO |    | AO |
| MS24585-346  | MS24585-1346   |                | MS24585-C346    |      |      | .810        | 3.00         |                     |        | .454       | .210         | 16.10 | AN          | AO |    | AO |
| MS24585-347  | MS24585-1347   |                | MS24585-C347    | .500 | .042 | .880        | 3.25         | .1513               | 7.336  | .492       | .220         | 14.90 | AN          | AO |    | AO |
| MS24585-348  | MS24585-1348   |                | MS24585-C348    |      |      | .940        | 3.50         |                     |        | .529       | .231         | 13.90 | AN          | AO |    | AO |
| MS24585-349  | MS24585-1349   |                | MS24585-C349    |      |      | 1.000       | 3.75         |                     |        | .567       | .241         | 12.90 | AN          | AO |    | AO |
| MS24585-350  | MS24585-1350   |                | MS24585-C350    |      |      | 1.120       | 4.25         |                     |        | .643       | .262         | 11.40 | AO          | AP |    | AP |
| MS24585-351  | MS24585-1351   |                | MS24585-C351    |      |      | 1.250       | 4.75         |                     |        | .719       | .283         | 10.20 | AO          | AP |    | AP |
| MS24585-352  | MS24585-1352   |                | MS24585-C352    |      |      | 1.380       | 5.25         |                     |        | .794       | .304         | 9.20  | AO          | AP |    | AP |
| MS24585-353  | MS24585-1353   |                | MS24585-C353    |      |      | 1.500       | 5.75         |                     |        | .870       | .325         | 8.40  | AO          | AP |    | AP |
| MS24585-354  | MS24585-1354   | MS24585-2354   | MS24585-C354    |      |      | .560        | 2.00         |                     |        | .271       | .180         | 32.70 | AN          | AO | AN | AO |
| MS24585-355  | MS24585-1355   | MS24585-2355   | MS24585-C355    |      |      | .620        | 2.25         |                     |        | .305       | .191         | 29.10 | AN          | AO | AN | AO |
| MS24585-356  | MS24585-1356   | MS24585-2356   | MS24585-C356    |      |      | .690        | 2.50         |                     |        | .339       | .202         | 26.20 | AN          | AO | AN | AO |
| MS24585-357  | MS24585-1357   | MS24585-2357   | MS24585-C357    |      |      | .750        | 2.75         |                     |        | .373       | .214         | 23.80 | AN          | AO | AN | AO |
| MS24585-358  | MS24585-1358   | MS24585-2358   | MS24585-C358    |      |      | .810        | 3.00         |                     |        | .407       | .225         | 21.80 | AN          | AO | AN | AO |
| MS24585-359  | MS24585-1359   | MS24585-2359   | MS24585-C359    | .500 | .045 | .880        | 3.50         | .1358               | 8.870  | .475       | .247         | 18.70 | AN          | AO | AN | AO |
| MS24585-360  | MS24585-1360   | MS24585-2360   | MS24585-C360    |      |      | .940        | 3.75         |                     |        | .509       | .259         | 17.40 | AN          | AO | AN | AO |
| MS24585-361  | MS24585-1361   | MS24585-2361   | MS24585-C361    |      |      | 1.000       | 4.00         |                     |        | .543       | .270         | 16.30 | AN          | AO | AN | AO |
| MS24585-362  | MS24585-1362   | MS24585-2362   | MS24585-C362    |      |      | 1.120       | 4.50         |                     |        | .611       | .292         | 14.50 | AO          | AP | AO | AP |
| MS24585-363  | MS24585-1363   | MS24585-2363   | MS24585-C363    |      |      | 1.250       | 5.00         |                     |        | .679       | .315         | 13.10 | AO          | AP | AO | AP |
| MS24585-364  | MS24585-1364   | MS24585-2364   | MS24585-C364    |      |      | 1.380       | 5.50         |                     |        | .747       | .337         | 11.90 | AO          | AP | AO | AP |
| MS24585-365  | MS24585-1365   | MS24585-2365   | MS24585-C365    |      |      | 1.500       | 6.00         |                     |        | .815       | .360         | 10.90 | AO          | AS | AO | AS |
| MS24585-366  | MS24585-1366   |                | MS24585-C366    |      |      | .500        | 2.00         |                     |        | .198       | .220         | 77.90 | AN          | AP |    | AP |
| MS24585-367  | MS24585-1367   |                | MS24585-C367    |      |      | .560        | 2.25         |                     |        | .223       | .234         | 69.10 | AN          | AP |    | AP |
| MS24585-368  | MS24585-1368   |                | MS24585-C368    |      |      | .620        | 2.75         |                     |        | .272       | .261         | 56.70 | AN          | AP |    | AP |
| MS24585-369  | MS24585-1369   |                | MS24585-C369    |      |      | .690        | 3.00         |                     |        | .297       | .275         | 51.90 | AN          | AP |    | AP |
| MS24585-370  | MS24585-1370   |                | MS24585-C370    |      |      | .750        | 3.25         |                     |        | .322       | .289         | 47.90 | AN          | AP |    | AP |
| MS24585-371  | MS24585-1371   |                | MS24585-C371    |      |      | .810        | 3.75         |                     |        | .371       | .316         | 41.60 | AN          | AP |    | AP |
| MS24585-372  | MS24585-1372   |                | MS24585-C372    | .500 | .055 | .880        | 4.00         | .0990               | 15.420 | .396       | .330         | 38.90 | AN          | AP |    | AP |
| MS24585-373  | MS24585-1373   |                | MS24585-C373    |      |      | .940        | 4.50         |                     |        | .445       | .357         | 34.60 | AN          | AP |    | AP |
| MS24585-374  | MS24585-1374   |                | MS24585-C374    |      |      | 1.000       | 4.75         |                     |        | .470       | .371         | 32.80 | AN          | AP |    | AP |
| MS24585-375  | MS24585-1375   |                | MS24585-C375    |      |      | 1.120       | 5.25         |                     |        | .520       | .399         | 29.60 | AO          | AP |    | AP |
| MS24585-376  | MS24585-1376   |                | MS24585-C376    |      |      | 1.250       | 6.00         |                     |        | .594       | .440         | 25.90 | AO          | AP |    | AP |
| MS24585-377  | MS24585-1377   |                | MS24585-C377    |      |      | 1.380       | 6.50         |                     |        | .643       | .467         | 24.00 | AO          | AP |    | AP |
| MS24585-378  | MS24585-1378   |                | MS24585-C378    |      |      | 1.500       | 7.25         |                     |        | .718       | .509         | 21.50 | AO          | AP |    | AP |
| MS24585-379  | MS24585-1379   | MS24585-2379   | MS24585-C379    |      |      | .750        | 2.00         |                     |        | .435       | .152         | 11.60 | AN          | AP | AN | AP |
| MS24585-380  | MS24585-1380   | MS24585-2380   | MS24585-C380    |      |      | .810        | 2.30         |                     |        | .500       | .163         | 10.10 | AN          | AP | AN | AP |
| MS24585-381  | MS24585-1381   | MS24585-2381   | MS24585-C381    |      |      | .880        | 2.50         |                     |        | .543       | .171         | 9.30  | AN          | AP | AN | AP |
| MS24585-382  | MS24585-1382   | MS24585-2382   | MS24585-C382    |      |      | .940        | 2.70         |                     |        | .587       | .179         | 8.60  | AN          | AP | AN | AP |
| MS24585-383  | MS24585-1383   | MS24585-2383   | MS24585-C383    | .550 | .038 | 1.000       | 2.90         | .2174               | 5.043  | .630       | .186         | 8.00  | AN          | AP | AN | AP |
| MS24585-384  | MS24585-1384   | MS24585-2384   | MS24585-C384    |      |      | 1.120       | 3.30         |                     |        | .717       | .201         | 7.00  | AO          | AP | AO | AP |
| MS24585-385  | MS24585-1385   | MS24585-2385   | MS24585-C385    |      |      | 1.250       | 3.60         |                     |        | .783       | .213         | 6.40  | AO          | AP | AO | AP |
| MS24585-386  | MS24585-1386   | MS24585-2386   | MS24585-C386    |      |      | 1.380       | 4.00         |                     |        | .870       | .228         | 5.80  | AO          | AP | AO | AP |
| MS24585-387  | MS24585-1387   | MS24585-2387   | MS24585-C387    |      |      | 1.500       | 4.40         |                     |        | .956       | .243         | 5.30  | AO          | AP | AO | AP |

## SPECIAL INSTRUCTIONS FOR MS24585 COMPRESSION SPRINGS

PRICING: See Price List or visit leespring.in for pricing.

CALCULATIONS: Spring Rate and Load are for Music Wire. For Stainless Steel, multiply figures shown by 5/6 (.833).

COMPLIANCE: All MS24585 Stainless Steel parts are DFARS Compliant; CAD Plated MS24585 parts are NOT RoHS compliant.

# SPECIALTY STOCK PARTS: MIL-SPEC

ENDS ARE GROUND • Compression Springs (MS24585)

| MUSIC WIRE   |                |                | STAINLESS STEEL | OD   | W    | FREE LENGTH | ACTIVE COILS | DEFLECTION PER COIL | LOAD   | DEFLECTION | SOLID HEIGHT | RATE  | PRICE GROUP |    |    |    |
|--------------|----------------|----------------|-----------------|------|------|-------------|--------------|---------------------|--------|------------|--------------|-------|-------------|----|----|----|
| UNPLATED (U) | CAD. PLATE (C) | ZINC PLATE (Z) | PASSIVATED (S)  | IN   | IN   | IN          |              | IN                  | LB     | IN         | IN           | LB/IN | U           | C  | Z  | S  |
| MS24585-388  | MS24585-1388   | MS24585-2388   | MS24585-C388    | .550 | .045 | .620        | 2.00         | .1694               | 8.091  | .339       | .180         | 23.90 | AN          | AP | AN | AP |
| MS24585-389  | MS24585-1389   | MS24585-2389   | MS24585-C389    |      |      | .690        | 2.25         |                     |        | .381       | .191         | 21.20 | AN          | AP | AN | AP |
| MS24585-390  | MS24585-1390   | MS24585-2390   | MS24585-C390    |      |      | .750        | 2.50         |                     |        | .423       | .202         | 19.10 | AN          | AP | AN | AP |
| MS24585-391  | MS24585-1391   | MS24585-2391   | MS24585-C391    |      |      | .810        | 2.70         |                     |        | .457       | .211         | 17.70 | AN          | AP | AN | AP |
| MS24585-392  | MS24585-1392   | MS24585-2392   | MS24585-C392    |      |      | .880        | 2.95         |                     |        | .500       | .223         | 16.20 | AN          | AP | AN | AP |
| MS24585-393  | MS24585-1393   | MS24585-2393   | MS24585-C393    |      |      | .940        | 3.20         |                     |        | .542       | .234         | 14.90 | AN          | AP | AN | AP |
| MS24585-394  | MS24585-1394   | MS24585-2394   | MS24585-C394    |      |      | 1.000       | 3.40         |                     |        | .576       | .243         | 14.00 | AN          | AP | AN | AP |
| MS24585-395  | MS24585-1395   | MS24585-2395   | MS24585-C395    |      |      | 1.120       | 3.85         |                     |        | .652       | .263         | 12.40 | AO          | AP | AO | AP |
| MS24585-396  | MS24585-1396   | MS24585-2396   | MS24585-C396    |      |      | 1.250       | 4.35         |                     |        | .737       | .286         | 11.00 | AO          | AP | AO | AP |
| MS24585-397  | MS24585-1397   | MS24585-2397   | MS24585-C397    |      |      | 1.380       | 4.80         |                     |        | .813       | .306         | 9.90  | AO          | AP | AO | AP |
| MS24585-398  | MS24585-1398   | MS24585-2398   | MS24585-C398    |      |      | 1.500       | 5.30         |                     |        | .898       | .328         | 9.00  | AO          | AP | AO | AP |
| MS24585-399  | MS24585-1399   |                | MS24585-C399    | .550 | .055 | .560        | 2.00         | .1241               | 14.050 | .248       | .220         | 56.60 | AN          | AO |    | AO |
| MS24585-400  | MS24585-1400   |                | MS24585-C400    |      |      | .620        | 2.25         |                     |        | .279       | .234         | 50.30 | AN          | AO |    | AO |
| MS24585-401  | MS24585-1401   |                | MS24585-C401    |      |      | .690        | 2.65         |                     |        | .329       | .256         | 42.70 | AN          | AO |    | AO |
| MS24585-402  | MS24585-1402   |                | MS24585-C402    |      |      | .750        | 2.90         |                     |        | .360       | .269         | 39.00 | AN          | AO |    | AO |
| MS24585-403  | MS24585-1403   |                | MS24585-C403    |      |      | .810        | 3.20         |                     |        | .397       | .286         | 35.40 | AN          | AO |    | AO |
| MS24585-404  | MS24585-1404   |                | MS24585-C404    |      |      | .880        | 3.50         |                     |        | .434       | .302         | 32.40 | AN          | AO |    | AO |
| MS24585-405  | MS24585-1405   |                | MS24585-C405    |      |      | .940        | 3.80         |                     |        | .471       | .319         | 29.80 | AN          | AO |    | AO |
| MS24585-406  | MS24585-1406   |                | MS24585-C406    |      |      | 1.000       | 4.10         |                     |        | .509       | .335         | 27.60 | AN          | AO |    | AO |
| MS24585-407  | MS24585-1407   |                | MS24585-C407    |      |      | 1.120       | 4.60         |                     |        | .571       | .363         | 24.60 | AO          | AP |    | AP |
| MS24585-408  | MS24585-1408   |                | MS24585-C408    |      |      | 1.250       | 5.20         |                     |        | .645       | .396         | 21.80 | AO          | AP |    | AP |
| MS24585-409  | MS24585-1409   |                | MS24585-C409    |      |      | 1.380       | 5.80         |                     |        | .720       | .429         | 19.50 | AO          | AP |    | AP |
| MS24585-410  | MS24585-1410   |                | MS24585-C410    |      |      | 1.500       | 6.40         |                     |        | .794       | .462         | 17.70 | AO          | AP |    | AP |
| MS24585-411  | MS24585-1411   | MS24585-2411   | MS24585-C411    | .550 | .063 | .560        | 2.20         | .1002               | 20.330 | .220       | .265         | 92.40 | AN          | AP | AN | AP |
| MS24585-412  | MS24585-1412   | MS24585-2412   | MS24585-C412    |      |      | .620        | 2.50         |                     |        | .250       | .283         | 81.30 | AN          | AP | AN | AP |
| MS24585-413  | MS24585-1413   | MS24585-2413   | MS24585-C413    |      |      | .690        | 2.90         |                     |        | .290       | .309         | 70.10 | AN          | AP | AN | AP |
| MS24585-414  | MS24585-1414   | MS24585-2414   | MS24585-C414    |      |      | .750        | 3.20         |                     |        | .320       | .328         | 63.50 | AN          | AP | AN | AP |
| MS24585-415  | MS24585-1415   | MS24585-2415   | MS24585-C415    |      |      | .810        | 3.50         |                     |        | .350       | .346         | 58.10 | AN          | AP | AN | AP |
| MS24585-416  | MS24585-1416   | MS24585-2416   | MS24585-C416    |      |      | .880        | 3.80         |                     |        | .380       | .365         | 53.50 | AN          | AP | AN | AP |
| MS24585-417  | MS24585-1417   | MS24585-2417   | MS24585-C417    |      |      | .940        | 4.20         |                     |        | .420       | .391         | 48.40 | AN          | AP | AN | AP |
| MS24585-418  | MS24585-1418   | MS24585-2418   | MS24585-C418    |      |      | 1.000       | 4.50         |                     |        | .450       | .409         | 45.20 | AO          | AR | AO | AR |
| MS24585-419  | MS24585-1419   | MS24585-2419   | MS24585-C419    |      |      | 1.120       | 5.10         |                     |        | .511       | .447         | 39.80 | AO          | AR | AO | AR |
| MS24585-420  | MS24585-1420   | MS24585-2420   | MS24585-C420    |      |      | 1.250       | 5.70         |                     |        | .571       | .485         | 35.60 | AO          | AR | AO | AR |
| MS24585-421  | MS24585-1421   | MS24585-2421   | MS24585-C421    |      |      | 1.380       | 6.40         |                     |        | .641       | .529         | 31.70 | AO          | AR | AO | AR |
| MS24585-422  | MS24585-1422   | MS24585-2422   | MS24585-C422    |      |      | 1.500       | 7.00         |                     |        | .701       | .567         | 29.00 | AO          | AR | AO | AR |
| MS24585-423  | MS24585-1423   |                | MS24585-C423    | .650 | .042 | .880        | 2.00         | .2751               | 5.714  | .550       | .168         | 10.40 | AN          | AP |    | AP |
| MS24585-424  | MS24585-1424   |                | MS24585-C424    |      |      | .940        | 2.10         |                     |        | .578       | .172         | 9.90  | AO          | AR |    | AR |
| MS24585-425  | MS24585-1425   |                | MS24585-C425    |      |      | 1.000       | 2.30         |                     |        | .633       | .181         | 9.00  | AO          | AR |    | AR |
| MS24585-426  | MS24585-1426   |                | MS24585-C426    |      |      | 1.120       | 2.60         |                     |        | .715       | .193         | 8.00  | AO          | AR |    | AR |
| MS24585-427  | MS24585-1427   |                | MS24585-C427    |      |      | 1.250       | 2.90         |                     |        | .798       | .206         | 7.20  | AO          | AR |    | AR |
| MS24585-428  | MS24585-1428   |                | MS24585-C428    |      |      | 1.380       | 3.20         |                     |        | .880       | .218         | 6.50  | AO          | AR |    | AR |
| MS24585-429  | MS24585-1429   |                | MS24585-C429    | .650 | .045 | 1.500       | 3.50         | .2481               | 6.894  | .963       | .231         | 5.90  | AO          | AR |    | AR |
| MS24585-430  | MS24585-1430   | MS24585-2430   | MS24585-C430    |      |      | .880        | 2.10         |                     |        | .521       | .184         | 13.20 | AN          | AP | AN | AP |
| MS24585-431  | MS24585-1431   | MS24585-2431   | MS24585-C431    |      |      | .940        | 2.30         |                     |        | .570       | .193         | 12.10 | AO          | AR | AO | AR |
| MS24585-432  | MS24585-1432   | MS24585-2432   | MS24585-C432    |      |      | 1.000       | 2.50         |                     |        | .620       | .202         | 11.10 | AO          | AR | AO | AR |
| MS24585-433  | MS24585-1433   | MS24585-2433   | MS24585-C433    |      |      | 1.120       | 2.80         |                     |        | .695       | .216         | 9.90  | AO          | AR | AO | AR |
| MS24585-434  | MS24585-1434   | MS24585-2434   | MS24585-C434    |      |      | 1.250       | 3.10         |                     |        | .769       | .229         | 9.00  | AO          | AR | AO | AR |
| MS24585-435  | MS24585-1435   | MS24585-2435   | MS24585-C435    | .650 | .055 | 1.380       | 3.50         | .1843               | 12.010 | .868       | .247         | 7.90  | AO          | AR | AO | AR |
| MS24585-436  | MS24585-1436   | MS24585-2436   | MS24585-C436    |      |      | 1.500       | 3.80         |                     |        | .943       | .261         | 7.30  | AO          | AR | AO | AR |
| MS24585-437  | MS24585-1437   |                | MS24585-C437    |      |      | .750        | 2.10         |                     |        | .387       | .225         | 31.00 | AP          | AS |    | AS |
| MS24585-438  | MS24585-1438   |                | MS24585-C438    |      |      | .810        | 2.30         |                     |        | .424       | .236         | 28.30 | AP          | AS |    | AS |
| MS24585-439  | MS24585-1439   |                | MS24585-C439    |      |      | .880        | 2.60         |                     |        | .479       | .253         | 25.10 | AP          | AS |    | AS |
| MS24585-440  | MS24585-1440   |                | MS24585-C440    |      |      | .940        | 2.80         |                     |        | .516       | .264         | 23.30 | AP          | AS |    | AS |
| MS24585-441  | MS24585-1441   |                | MS24585-C441    |      |      | 1.000       | 3.00         |                     |        | .553       | .275         | 21.70 | AP          | AS |    | AS |
| MS24585-442  | MS24585-1442   |                | MS24585-C442    |      |      | 1.120       | 3.40         |                     |        | .627       | .297         | 19.20 | AP          | AS |    | AS |
| MS24585-443  | MS24585-1443   |                | MS24585-C443    |      |      | 1.250       | 3.80         |                     |        | .700       | .319         | 17.20 | AP          | AS |    | AS |
| MS24585-444  | MS24585-1444   |                | MS24585-C444    |      |      | 1.380       | 4.30         |                     |        | .792       | .346         | 15.20 | AP          | AS |    | AS |
| MS24585-445  | MS24585-1445   |                | MS24585-C445    |      |      | 1.500       | 4.70         |                     |        | .866       | .368         | 13.90 | AP          | AS |    | AS |

## SPECIAL INSTRUCTIONS FOR MS24585 COMPRESSION SPRINGS

**PRICING:** See Price List or visit [leespring.in](http://leespring.in) for pricing.

**CALCULATIONS:** Spring Rate and Load are for Music Wire. For Stainless Steel, multiply figures shown by 5/6 (.833).

**COMPLIANCE:** All MS24585 Stainless Steel parts are DFARS Compliant; CAD Plated MS24585 parts are NOT RoHS compliant.

| MUSIC WIRE   |                |                | STAINLESS STEEL | OD   | W    | FREE LENGTH | ACTIVE COILS | DEFLECTION PER COIL | LOAD   | DEFLECTION | SOLID HEIGHT | RATE  | PRICE GROUP |    |    |    |
|--------------|----------------|----------------|-----------------|------|------|-------------|--------------|---------------------|--------|------------|--------------|-------|-------------|----|----|----|
| UNPLATED (U) | CAD. PLATE (C) | ZINC PLATE (Z) | PASSIVATED (S)  | IN   | IN   | IN          |              | IN                  | LB     | IN         | IN           | LB/IN | U           | C  | Z  | S  |
| MS24585-446  | MS24585-1446   | MS24585-2446   | MS24585-C446    | .650 | .063 | .690        | 2.15         | .1499               | 17.360 | .322       | .261         | 53.90 | AP          | AS | AP | AS |
| MS24585-447  | MS24585-1447   | MS24585-2447   | MS24585-C447    |      |      | .750        | 2.40         |                     |        | .360       | .277         | 48.20 | AP          | AS | AP | AS |
| MS24585-448  | MS24585-1448   | MS24585-2448   | MS24585-C448    |      |      | .810        | 2.65         |                     |        | .397       | .293         | 43.70 | AP          | AS | AP | AS |
| MS24585-449  | MS24585-1449   | MS24585-2449   | MS24585-C449    |      |      | .880        | 2.90         |                     |        | .435       | .309         | 39.90 | AP          | AS | AP | AS |
| MS24585-450  | MS24585-1450   | MS24585-2450   | MS24585-C450    |      |      | .940        | 3.10         |                     |        | .465       | .321         | 37.30 | AP          | AS | AP | AS |
| MS24585-451  | MS24585-1451   | MS24585-2451   | MS24585-C451    |      |      | 1.000       | 3.40         |                     |        | .510       | .340         | 34.00 | AP          | AS | AP | AS |
| MS24585-452  | MS24585-1452   | MS24585-2452   | MS24585-C452    |      |      | 1.120       | 3.80         |                     |        | .570       | .365         | 30.50 | AR          | AS | AR | AS |
| MS24585-453  | MS24585-1453   | MS24585-2453   | MS24585-C453    |      |      | 1.250       | 4.30         |                     |        | .644       | .397         | 27.00 | AR          | AS | AR | AS |
| MS24585-454  | MS24585-1454   | MS24585-2454   | MS24585-C454    |      |      | 1.380       | 4.80         |                     |        | .719       | .428         | 24.10 | AR          | AS | AR | AS |
| MS24585-455  | MS24585-1455   | MS24585-2455   | MS24585-C455    |      |      | 1.500       | 5.30         |                     |        | .794       | .460         | 21.90 | AR          | AS | AR | AS |
| MS24585-456  | MS24585-1456   |                | MS24585-C456    | .700 | .042 | 1.000       | 2.00         | .3248               | 5.323  | .650       | .168         | 8.20  | AO          | AS |    | AS |
| MS24585-457  | MS24585-1457   |                | MS24585-C457    |      |      | 1.120       | 2.20         |                     |        | .714       | .176         | 7.50  | AO          | AS |    | AS |
| MS24585-458  | MS24585-1458   |                | MS24585-C458    |      |      | 1.250       | 2.50         |                     |        | .812       | .189         | 6.60  | AO          | AS |    | AS |
| MS24585-459  | MS24585-1459   |                | MS24585-C459    |      |      | 1.380       | 2.80         |                     |        | .909       | .202         | 5.90  | AO          | AS |    | AS |
| MS24585-460  | MS24585-1460   |                | MS24585-C460    |      |      | 1.500       | 3.10         |                     |        | 1.001      | .214         | 5.30  | AO          | AS |    | AS |
| MS24585-461  | MS24585-1461   | MS24585-2461   | MS24585-C461    | .700 | .045 | 1.000       | 2.10         | .2932               | 6.420  | .616       | .184         | 10.40 | AO          | AS | AO | AS |
| MS24585-462  | MS24585-1462   | MS24585-2462   | MS24585-C462    |      |      | 1.120       | 2.40         |                     |        | .704       | .198         | 9.10  | AO          | AS | AO | AS |
| MS24585-463  | MS24585-1463   | MS24585-2463   | MS24585-C463    |      |      | 1.250       | 2.70         |                     |        | .792       | .211         | 8.10  | AO          | AS | AO | AS |
| MS24585-464  | MS24585-1464   | MS24585-2464   | MS24585-C464    |      |      | 1.380       | 3.00         |                     |        | .880       | .225         | 7.30  | AO          | AS | AO | AS |
| MS24585-465  | MS24585-1465   | MS24585-2465   | MS24585-C465    |      |      | 1.500       | 3.30         |                     |        | .967       | .236         | 6.60  | AO          | AS | AO | AS |
| MS24585-466  | MS24585-1466   |                | MS24585-C466    | .700 | .055 | .810        | 2.00         | .2185               | 11.180 | .437       | .220         | 25.60 | AO          | AS |    | AS |
| MS24585-467  | MS24585-1467   |                | MS24585-C467    |      |      | .880        | 2.20         |                     |        | .481       | .231         | 23.20 | AO          | AS |    | AS |
| MS24585-468  | MS24585-1468   |                | MS24585-C468    |      |      | .940        | 2.40         |                     |        | .524       | .242         | 21.30 | AO          | AS |    | AS |
| MS24585-469  | MS24585-1469   |                | MS24585-C469    |      |      | 1.000       | 2.60         |                     |        | .568       | .253         | 19.70 | AO          | AS |    | AS |
| MS24585-470  | MS24585-1470   |                | MS24585-C470    |      |      | 1.120       | 3.00         |                     |        | .655       | .275         | 17.10 | AO          | AS |    | AS |
| MS24585-471  | MS24585-1471   |                | MS24585-C471    |      |      | 1.250       | 3.30         |                     |        | .721       | .291         | 15.50 | AO          | AS |    | AS |
| MS24585-472  | MS24585-1472   |                | MS24585-C472    |      |      | 1.380       | 3.70         |                     |        | .808       | .313         | 13.80 | AO          | AS |    | AS |
| MS24585-473  | MS24585-1473   |                | MS24585-C473    |      |      | 1.500       | 4.10         |                     |        | .896       | .335         | 12.50 | AO          | AS |    | AS |
| MS24585-474  | MS24585-1474   | MS24585-2474   | MS24585-C474    |      |      | .750        | 2.10         | .1783               | 16.170 | .374       | .258         | 43.20 | AO          | AS | AO | AS |
| MS24585-475  | MS24585-1475   | MS24585-2475   | MS24585-C475    |      |      | .810        | 2.30         |                     |        | .410       | .270         | 39.40 | AO          | AS | AO | AS |
| MS24585-476  | MS24585-1476   | MS24585-2476   | MS24585-C476    |      |      | .880        | 2.50         |                     |        | .446       | .283         | 36.30 | AO          | AS | AO | AS |
| MS24585-477  | MS24585-1477   | MS24585-2477   | MS24585-C477    |      |      | .940        | 2.70         |                     |        | .481       | .296         | 33.60 | AO          | AS | AO | AS |
| MS24585-478  | MS24585-1478   | MS24585-2478   | MS24585-C478    |      |      | 1.000       | 2.90         |                     |        | .517       | .309         | 31.30 | AO          | AS | AO | AS |
| MS24585-479  | MS24585-1479   | MS24585-2479   | MS24585-C479    |      |      | 1.120       | 3.30         |                     |        | .588       | .334         | 27.50 | AP          | AS | AP | AS |
| MS24585-480  | MS24585-1480   | MS24585-2480   | MS24585-C480    |      |      | 1.250       | 3.70         |                     |        | .660       | .359         | 24.50 | AP          | AS | AP | AS |
| MS24585-481  | MS24585-1481   | MS24585-2481   | MS24585-C481    |      |      | 1.380       | 4.20         |                     |        | .749       | .391         | 21.60 | AP          | AS | AP | AS |
| MS24585-482  | MS24585-1482   | MS24585-2482   | MS24585-C482    |      |      | 1.500       | 4.60         |                     |        | .820       | .416         | 19.70 | AP          | AS | AP | AS |
| MS24585-483  | MS24585-1483   |                | MS24585-C483    | .700 | .067 | .690        | 2.00         | .1630               | 19.410 | .326       | .268         | 59.50 | AO          | AS |    | AS |
| MS24585-484  | MS24585-1484   |                | MS24585-C484    |      |      | .750        | 2.20         |                     |        | .359       | .281         | 54.10 | AO          | AS |    | AS |
| MS24585-485  | MS24585-1485   |                | MS24585-C485    |      |      | .810        | 2.40         |                     |        | .391       | .295         | 49.60 | AO          | AS |    | AS |
| MS24585-486  | MS24585-1486   |                | MS24585-C486    |      |      | .880        | 2.60         |                     |        | .424       | .308         | 45.80 | AO          | AS |    | AS |
| MS24585-487  | MS24585-1487   |                | MS24585-C487    |      |      | .940        | 2.90         |                     |        | .473       | .328         | 41.00 | AO          | AS |    | AS |
| MS24585-488  | MS24585-1488   |                | MS24585-C488    |      |      | 1.000       | 3.10         |                     |        | .505       | .342         | 38.40 | AR          | AS |    | AS |
| MS24585-489  | MS24585-1489   |                | MS24585-C489    |      |      | 1.120       | 3.50         |                     |        | .570       | .368         | 34.10 | AR          | AS |    | AS |
| MS24585-490  | MS24585-1490   |                | MS24585-C490    |      |      | 1.250       | 4.00         |                     |        | .652       | .402         | 29.80 | AR          | AS |    | AS |
| MS24585-491  | MS24585-1491   |                | MS24585-C491    |      |      | 1.380       | 4.40         |                     |        | .717       | .429         | 27.10 | AR          | AS |    | AS |
| MS24585-492  | MS24585-1492   |                | MS24585-C492    |      |      | 1.500       | 4.90         |                     |        | .799       | .462         | 24.30 | AR          | AS |    | AS |
| MS24585-493  | MS24585-1493   | MS24585-2493   | MS24585-C493    | .750 | .055 | .880        | 2.00         | .2559               | 10.470 | .512       | .220         | 20.40 | AO          | AS | AO | AS |
| MS24585-494  | MS24585-1494   | MS24585-2494   | MS24585-C494    |      |      | .940        | 2.10         |                     |        | .537       | .225         | 19.50 | AO          | AS | AO | AS |
| MS24585-495  | MS24585-1495   | MS24585-2495   | MS24585-C495    |      |      | 1.000       | 2.30         |                     |        | .568       | .236         | 17.80 | AO          | AS | AO | AS |
| MS24585-496  | MS24585-1496   | MS24585-2496   | MS24585-C496    |      |      | 1.120       | 2.60         |                     |        | .665       | .253         | 15.70 | AO          | AS | AO | AS |
| MS24585-497  | MS24585-1497   | MS24585-2497   | MS24585-C497    |      |      | 1.250       | 2.90         |                     |        | .742       | .269         | 14.10 | AO          | AS | AO | AS |
| MS24585-498  | MS24585-1498   | MS24585-2498   | MS24585-C498    |      |      | 1.380       | 3.30         |                     |        | .844       | .291         | 12.40 | AO          | AS | AO | AS |
| MS24585-499  | MS24585-1499   | MS24585-2499   | MS24585-C499    |      |      | 1.500       | 3.60         |                     |        | .921       | .308         | 11.40 | AO          | AS | AO | AS |

## SPECIAL INSTRUCTIONS FOR MS24585 COMPRESSION SPRINGS

PRICING: See Price List or visit leespring.in for pricing.

CALCULATIONS: Spring Rate and Load are for Music Wire. For Stainless Steel, multiply figures shown by 5/6 (.833).

COMPLIANCE: All MS24585 Stainless Steel parts are DFARS Compliant; CAD Plated MS24585 parts are NOT RoHS compliant.

# SPECIALTY STOCK PARTS: MIL-SPEC

ENDS ARE GROUND • Compression Springs (MS24585)

| MUSIC WIRE   |                |                | STAINLESS STEEL | OD   | W    | FREE LENGTH | ACTIVE COILS | DEFLECTION PER COIL | LOAD   | DEFLECTION | SOLID HEIGHT | RATE  | PRICE GROUP |    |    |    |
|--------------|----------------|----------------|-----------------|------|------|-------------|--------------|---------------------|--------|------------|--------------|-------|-------------|----|----|----|
| UNPLATED (U) | CAD. PLATE (C) | ZINC PLATE (Z) | PASSIVATED (S)  | IN   | IN   | IN          |              | IN                  | LB     | IN         | IN           | LB/IN | U           | C  | Z  | S  |
| MS24585-500  | MS24585-1500   | MS24585-2500   | MS24585-C500    | .750 | .063 | .810        | 2.00         | .2094               | 15.130 | .419       | .252         | 36.10 | AO          | AS | AO | AS |
| MS24585-501  | MS24585-1501   | MS24585-2501   | MS24585-C501    |      |      | .880        | 2.20         |                     |        | .461       | .265         | 32.80 | AO          | AS | AO | AS |
| MS24585-502  | MS24585-1502   | MS24585-2502   | MS24585-C502    |      |      | .940        | 2.40         |                     |        | .502       | .277         | 30.10 | AO          | AS | AO | AS |
| MS24585-503  | MS24585-1503   | MS24585-2503   | MS24585-C503    |      |      | 1.000       | 2.60         |                     |        | .544       | .290         | 27.80 | AO          | AS | AO | AS |
| MS24585-504  | MS24585-1504   | MS24585-2504   | MS24585-C504    |      |      | 1.120       | 2.90         |                     |        | .607       | .308         | 24.90 | AP          | AS | AP | AS |
| MS24585-505  | MS24585-1505   | MS24585-2505   | MS24585-C505    |      |      | 1.250       | 3.30         |                     |        | .691       | .334         | 21.90 | AP          | AS | AP | AS |
| MS24585-506  | MS24585-1506   | MS24585-2506   | MS24585-C506    |      |      | 1.380       | 3.70         |                     |        | .774       | .359         | 19.50 | AP          | AS | AP | AS |
| MS24585-507  | MS24585-1507   | MS24585-2507   | MS24585-C507    |      |      | 1.500       | 4.10         |                     |        | .858       | .384         | 17.60 | AP          | AS | AP | AS |
| MS24585-508  | MS24585-1508   |                | MS24585-C508    | .750 | .067 | .750        | 1.90         | .1915               | 18.170 | .364       | .261         | 49.90 | AO          | AS |    | AS |
| MS24585-509  | MS24585-1509   |                | MS24585-C509    |      |      | .810        | 2.10         |                     |        | .402       | .275         | 45.20 | AO          | AS |    | AS |
| MS24585-510  | MS24585-1510   |                | MS24585-C510    |      |      | .880        | 2.30         |                     |        | .440       | .288         | 41.30 | AO          | AS |    | AS |
| MS24585-511  | MS24585-1511   |                | MS24585-C511    |      |      | .940        | 2.50         |                     |        | .479       | .301         | 37.90 | AO          | AS |    | AS |
| MS24585-512  | MS24585-1512   |                | MS24585-C512    |      |      | 1.000       | 2.70         |                     |        | .517       | .315         | 35.10 | AO          | AS |    | AS |
| MS24585-513  | MS24585-1513   |                | MS24585-C513    |      |      | 1.120       | 3.10         |                     |        | .594       | .342         | 30.60 | AP          | AS |    | AS |
| MS24585-514  | MS24585-1514   |                | MS24585-C514    |      |      | 1.250       | 3.50         |                     |        | .670       | .368         | 27.10 | AP          | AS |    | AS |
| MS24585-515  | MS24585-1515   |                | MS24585-C515    |      |      | 1.380       | 3.90         |                     |        | .747       | .395         | 24.30 | AP          | AS |    | AS |
| MS24585-516  | MS24585-1516   |                | MS24585-C516    |      |      | 1.500       | 4.30         |                     |        | .823       | .422         | 22.10 | AP          | AS |    | AS |
| MS24585-517  | MS24585-1517   |                | MS24585-C517    | .850 | .063 | 1.000       | 1.90         | .2973               | 13.420 | .564       | .246         | 23.60 | AR          | AT |    | AT |
| MS24585-518  | MS24585-1518   |                | MS24585-C518    |      |      | 1.120       | 2.20         |                     |        | .654       | .265         | 20.50 | AR          | AT |    | AT |
| MS24585-519  | MS24585-1519   |                | MS24585-C519    |      |      | 1.250       | 2.50         |                     |        | .743       | .283         | 18.10 | AR          | AT |    | AT |
| MS24585-520  | MS24585-1520   |                | MS24585-C520    |      |      | 1.380       | 2.80         |                     |        | .832       | .302         | 16.10 | AR          | AT |    | AT |
| MS24585-521  | MS24585-1521   |                | MS24585-C521    |      |      | 1.500       | 3.00         |                     |        | .892       | .315         | 15.00 | AR          | AT |    | AT |
| MS24585-522  | MS24585-1522   |                | MS24585-C522    | .850 | .067 | .940        | 2.00         | .2561               | 16.100 | .512       | .268         | 31.40 | AR          | AT |    | AT |
| MS24585-523  | MS24585-1523   |                | MS24585-C523    |      |      | 1.000       | 2.10         |                     |        | .538       | .275         | 29.90 | AR          | AT |    | AT |
| MS24585-524  | MS24585-1524   |                | MS24585-C524    |      |      | 1.120       | 2.40         |                     |        | .615       | .295         | 26.20 | AR          | AT |    | AT |
| MS24585-525  | MS24585-1525   |                | MS24585-C525    |      |      | 1.250       | 2.80         |                     |        | .717       | .322         | 22.30 | AR          | AT |    | AT |
| MS24585-526  | MS24585-1526   |                | MS24585-C526    |      |      | 1.380       | 3.10         |                     |        | .794       | .342         | 20.30 | AR          | AT |    | AT |
| MS24585-527  | MS24585-1527   |                | MS24585-C527    |      |      | 1.500       | 3.40         |                     |        | .871       | .362         | 18.50 | AR          | AT |    | AT |

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