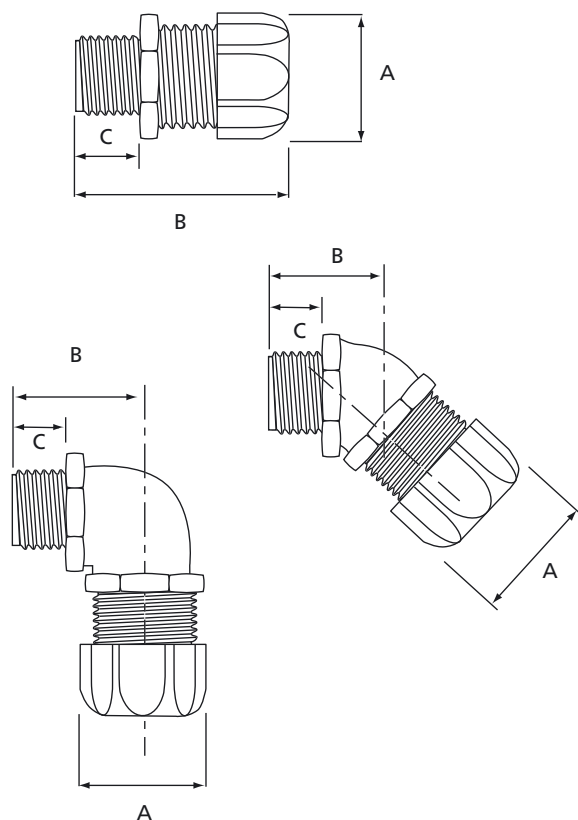


- High performance metal cable fittings
- Special construction prevents twisting and ensures effective strain relief
- Easy to install
- For cables with outer diameters from 3.2 mm to 47.6 mm



### Technical Information

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Style/thread         | Straight, 45° and 90°<br>NPT and metric (I.S.O.) threads |
| System IP rating     | IP65                                                     |
| Body (material)      | Zinc or galvanized steel                                 |
| Gland nut (material) | Steel or galvanised steel                                |
| Seal (material)      | Neoprene or rubber                                       |
| Colour               | Metallic                                                 |
| Temperature range    | -35°C to +105°C                                          |

### Approvals



052391  
00589  
004484



E-13938

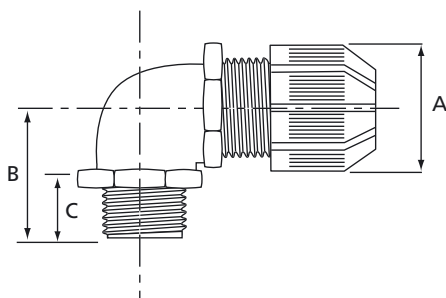
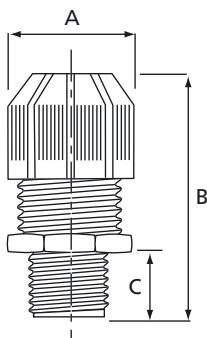
### Ordering Information

| PRODUCT REF.                                                     | MATERIAL<br>BODY  | MATERIAL<br>SEAL | MATERIAL<br>NUT   | CABLE Ø RANGE<br>FROM...TO<br>[mm] | THREAD<br>SIZE | A<br>[mm] | DIMENSIONS<br>B<br>[mm] | C<br>[mm] | QUANTITY<br>[pieces] |
|------------------------------------------------------------------|-------------------|------------------|-------------------|------------------------------------|----------------|-----------|-------------------------|-----------|----------------------|
| <b>STRAIGHT METALLIC CABLE GLAND WITH METRIC (I.S.O.) THREAD</b> |                   |                  |                   |                                    |                |           |                         |           |                      |
| 9520                                                             | zinc plated steel | Neoprene         | zinc plated steel | 3.2 - 6.3                          | M20            | 28.6      | 42.0                    | 14.3      | 25                   |
| 9521-EU                                                          | zinc plated steel | Neoprene         | zinc plated steel | 6.3 - 9.5                          | M20            | 28.6      | 42.0                    | 14.3      | 25                   |
| 9522-EU                                                          | zinc plated steel | Neoprene         | zinc plated steel | 9.5 - 12.7                         | M20            | 28.6      | 42.0                    | 14.3      | 25                   |
| 9523                                                             | zinc plated steel | Neoprene         | zinc plated steel | 11.4 - 14.2                        | M20            | 28.6      | 42.0                    | 14.3      | 25                   |
| 9524-EU                                                          | zinc plated steel | Neoprene         | zinc plated steel | 12.7 - 15.8                        | M20            | 34.9      | 44.5                    | 15.0      | 25                   |
| <b>90° METALLIC CABLE GLAND WITH NPT THREAD</b>                  |                   |                  |                   |                                    |                |           |                         |           |                      |
| 4960                                                             | zinc plated steel | rubber           | steel             | 3.2 - 9.5                          | 1/2"           | 28.6      | 44.5                    | 15.9      | 25                   |
| 4961                                                             | zinc plated steel | rubber           | steel             | 7.9 - 14.2                         | 1/2"           | 28.6      | 44.5                    | 15.9      | 25                   |
| 4970                                                             | zinc plated steel | rubber           | steel             | 3.2 - 9.5                          | 3/4"           | 34.9      | 45.2                    | 17.5      | 10                   |
| 4971                                                             | zinc plated steel | rubber           | steel             | 7.9 - 14.2                         | 3/4"           | 34.9      | 45.2                    | 17.5      | 10                   |
| 4972                                                             | zinc plated steel | rubber           | steel             | 12.7 - 19.0                        | 3/4"           | 34.9      | 45.2                    | 17.5      | 10                   |

## Ordering Information

| PRODUCT REF.                                         | MATERIAL<br>BODY           | MATERIAL<br>SEAL | MATERIAL<br>NUT   | CABLE Ø RANGE<br>FROM...TO<br>[mm] | THREAD<br>SIZE<br>[inch] | DIMENSIONS |           |           | QUANTITY |
|------------------------------------------------------|----------------------------|------------------|-------------------|------------------------------------|--------------------------|------------|-----------|-----------|----------|
|                                                      |                            |                  |                   |                                    |                          | A<br>[mm]  | B<br>[mm] | C<br>[mm] | [pieces] |
| <b>STRAIGHT METALLIC CABLE GLAND WITH NPT THREAD</b> |                            |                  |                   |                                    |                          |            |           |           |          |
| 2920                                                 | zinc                       | rubber           | zinc plated steel | 3.2 - 9.5                          | 1/2                      | 28.6       | 44.5      | 15.9      | 25       |
| 2921                                                 | zinc                       | rubber           | zinc plated steel | 7.9 - 14.2                         | 1/2                      | 28.6       | 44.5      | 15.9      | 25       |
| 2922                                                 | zinc                       | rubber           | zinc plated steel | 12.7 - 19.1                        | 1/2                      | 34.9       | 44.5      | 15.9      | 10       |
| 2930                                                 | zinc                       | rubber           | zinc plated steel | 3.2 - 9.5                          | 3/4                      | 34.9       | 45.2      | 19.1      | 10       |
| 2931                                                 | zinc                       | rubber           | zinc plated steel | 7.9 - 14.2                         | 3/4                      | 34.9       | 45.2      | 19.1      | 10       |
| 2932                                                 | zinc                       | rubber           | zinc plated steel | 12.7 - 19.1                        | 3/4                      | 34.9       | 45.2      | 19.1      | 10       |
| 2940                                                 | zinc                       | rubber           | zinc plated steel | 7.9 - 14.2                         | 1                        | 34.9       | 44.5      | 20.6      | 10       |
| 2941                                                 | zinc                       | rubber           | zinc plated steel | 12.7 - 19.1                        | 1                        | 34.9       | 44.5      | 20.6      | 10       |
| 2942                                                 | zinc                       | rubber           | zinc plated steel | 17.8 - 24.1                        | 1                        | 41.3       | 47.6      | 20.6      | 10       |
| 2520                                                 | zinc                       | Neoprene         | steel             | 3.2 - 6.4                          | 1/2                      | 29.4       | 42.9      | 15.9      | 25       |
| 2521                                                 | zinc                       | Neoprene         | steel             | 6.4 - 9.5                          | 1/2                      | 29.4       | 42.9      | 15.9      | 25       |
| 2522                                                 | zinc                       | Neoprene         | steel             | 9.5 - 12.7                         | 1/2                      | 29.4       | 42.9      | 15.9      | 25       |
| 2523                                                 | zinc                       | Neoprene         | steel             | 11.4 - 14.2                        | 1/2                      | 29.4       | 42.9      | 15.9      | 25       |
| 2524                                                 | zinc                       | Neoprene         | steel             | 12.7 - 15.9                        | 1/2                      | 34.9       | 44.5      | 15.9      | 25       |
| 2525                                                 | zinc                       | Neoprene         | steel             | 15.9 - 19.1                        | 1/2                      | 34.9       | 44.5      | 15.9      | 25       |
| 2558                                                 | zinc                       | Neoprene         | steel             | 22.4 - 27.1                        | 1 1/4                    | 53.2       | 54.8      | 20.6      | 5        |
| 2559                                                 | zinc                       | Neoprene         | steel             | 27.1 - 30.6                        | 1 1/4                    | 53.2       | 54.8      | 20.6      | 5        |
| 2562                                                 | zinc                       | Neoprene         | steel             | 20.6 - 25.4                        | 1 1/2                    | 58.7       | 63.5      | 17.5      | 5        |
| 2563                                                 | zinc                       | Neoprene         | steel             | 25.4 - 30.1                        | 1 1/2                    | 58.7       | 63.5      | 17.5      | 5        |
| 2574                                                 | zinc                       | Neoprene         | steel             | 34.9 - 41.3                        | 2                        | 69.9       | 66.7      | 20.6      | 1        |
| 2575                                                 | zinc                       | Neoprene         | steel             | 41.3 - 47.6                        | 2                        | 69.9       | 66.7      | 20.6      | 1        |
| <b>45° METALLIC CABLE GLAND WITH NPT THREAD</b>      |                            |                  |                   |                                    |                          |            |           |           |          |
| 2200                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 3.2 - 6.3                          | 1/2                      | 28.6       | 7.1       | 14.3      | 25       |
| 2201                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 6.3 - 9.5                          | 1/2                      | 28.6       | 7.1       | 14.3      | 25       |
| 2202                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 9.5 - 12.7                         | 1/2                      | 28.6       | 7.1       | 14.3      | 25       |
| 2203                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 11.4 - 14.2                        | 1/2                      | 28.6       | 7.1       | 14.3      | 25       |
| 2204                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 12.7 - 15.9                        | 1/2                      | 34.9       | 10.3      | 14.3      | 10       |
| 2205                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 15.9 - 19.1                        | 1/2                      | 34.9       | 35.7      | 14.3      | 10       |
| 2206-TB                                              | zinc plated malleable iron | Neoprene         | zinc plated steel | 3.2 - 6.3                          | 3/4                      | 34.9       | 35.7      | 15.9      | 10       |
| 2207-TB                                              | zinc plated malleable iron | Neoprene         | zinc plated steel | 6.3 - 9.5                          | 3/4                      | 34.9       | 35.7      | 15.9      | 10       |
| 2208-TB                                              | zinc plated malleable iron | Neoprene         | zinc plated steel | 9.5 - 12.7                         | 3/4                      | 34.9       | 35.7      | 15.9      | 10       |
| 2209                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 12.7 - 15.9                        | 3/4                      | 34.9       | 35.7      | 15.9      | 10       |
| 2210                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 15.9 - 19.1                        | 3/4                      | 34.9       | 35.7      | 15.9      | 10       |
| 2211                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 19.1 - 22.2                        | 3/4                      | 42.9       | 38.1      | 38.1      | 10       |
| 2213                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 9.5 - 12.7                         | 1                        | 34.9       | 38.1      | 19.8      | 5        |
| 2214                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 12.7 - 15.9                        | 1                        | 34.9       | 38.1      | 19.8      | 5        |
| 2215                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 15.9 - 19.1                        | 1                        | 34.9       | 38.1      | 19.8      | 5        |
| 2216                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 19.1 - 22.2                        | 1                        | 42.9       | 37.3      | 19.8      | 5        |
| 2217                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 22.2 - 25.0                        | 1                        | 42.9       | 37.3      | 19.8      | 5        |
| 2218                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 22.3 - 27.0                        | 1                        | 52.4       | 50.0      | 19.8      | 5        |
| 2219                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 27.0 - 30.1                        | 1                        | 52.4       | 50.0      | 19.8      | 5        |
| 2220-TB                                              | zinc plated malleable iron | Neoprene         | zinc plated steel | 22.3 - 27.0                        | 1 1/4                    | 52.4       | 48.4      | 20.6      | 2        |
| 2221                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 27.0 - 30.1                        | 1 1/4                    | 52.4       | 48.4      | 20.6      | 2        |
| 2222                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 30.1 - 34.9                        | 1 1/4                    | 52.4       | 57.2      | 20.6      | 2        |
| 2223                                                 | zinc plated malleable iron | Neoprene         | zinc plated steel | 34.9 - 37.7                        | 1 1/4                    | 52.4       | 57.2      | 20.6      | 2        |

- High performance plastic cable fittings
- Special construction prevents twisting and ensures effective strain relief
- Easy to install
- For all cable sizes between 3.2 and 24.1 mm of outer diameter



### Technical Information

|                     |                                 |
|---------------------|---------------------------------|
| Style/thread        | Straight and 90° NPT threads    |
| IP rating           | IP65                            |
| Material            | UV resistant polyamide 6.6.     |
| Steel locknut       | Chromate finished steel or zinc |
| Seal                | Neoprene                        |
| Colour              | Black                           |
| Flammability rating | UL 94 V-2                       |
| Temperature range   | -34°C to +105°C                 |

### Approvals



052391



E-13938

### Ordering Information

| PRODUCT REF.                                        | CABLE DIAMETER RANGE<br>FROM...TO<br>[mm] | THREAD<br>SIZE<br>[inch] | A<br>[mm] | DIMENSIONS<br>B<br>[mm] | C<br>[mm] | QUANTITY<br>[pieces] |
|-----------------------------------------------------|-------------------------------------------|--------------------------|-----------|-------------------------|-----------|----------------------|
| <b>STRAIGHT PLASTIC CABLE GLAND WITH NPT THREAD</b> |                                           |                          |           |                         |           |                      |
| 2920NM                                              | 3.2 - 9.5                                 | 1/2                      | 26.2      | 54.0                    | 15.9      | 25                   |
| 2921NM                                              | 7.9 - 14.2                                | 1/2                      | 26.2      | 54.0                    | 15.9      | 25                   |
| 2922NM                                              | 12.7 - 19.0                               | 1/2                      | 35.7      | 54.0                    | 15.9      | 25                   |
| 2930NM                                              | 3.2 - 9.5                                 | 3/4                      | 35.7      | 55.6                    | 15.9      | 10                   |
| 2931NM                                              | 7.9 - 14.2                                | 3/4                      | 35.7      | 55.6                    | 15.9      | 10                   |
| 2932NM                                              | 12.7 - 14.2                               | 3/4                      | 35.7      | 55.6                    | 15.9      | 10                   |
| 2940NM                                              | 7.9 - 14.2                                | 1                        | 35.7      | 59.5                    | 19.8      | 10                   |
| 2941NM                                              | 12.7 - 19.0                               | 1                        | 35.7      | 59.5                    | 19.8      | 10                   |
| 2942NM                                              | 17.8 - 24.1                               | 1                        | 42.5      | 60.3                    | 19.8      | 10                   |
| <b>90° PLASTIC CABLE GLAND WITH NPT THREAD</b>      |                                           |                          |           |                         |           |                      |
| 4960NM                                              | 3.2 - 9.5                                 | 1/2                      | 30.9      | 31.8                    | 15.9      | 25                   |
| 4961NM                                              | 7.9 - 14.2                                | 1/2                      | 30.9      | 31.8                    | 15.9      | 25                   |
| 4970NM                                              | 3.2 - 9.5                                 | 3/4                      | 35.7      | 34.9                    | 15.9      | 10                   |
| 4971NM                                              | 7.9 - 14.2                                | 3/4                      | 35.7      | 34.9                    | 15.9      | 10                   |
| 4972NM                                              | 12.7 - 19.0                               | 3/4                      | 35.7      | 34.9                    | 15.9      | 10                   |

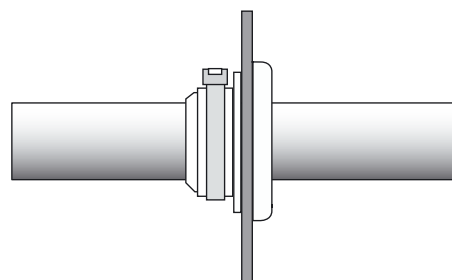
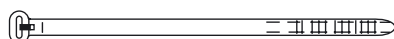
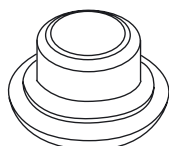
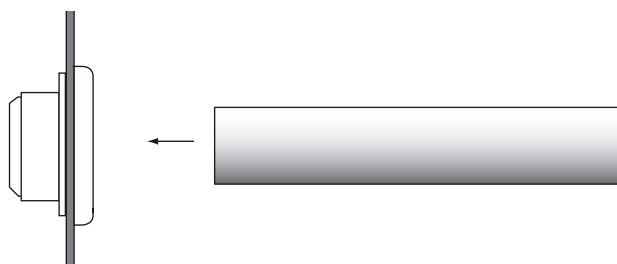
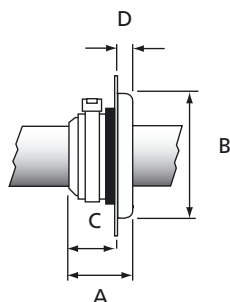
## Cable grommets with strain relief

- Supplied with one Ty-Rap® cable tie to ensure a stable, tight and sealed strain relief
- Material with high elasticity
- Can also be used for single cables
- Chemically resistant
- Weather and UV resistant
- Simple and quick installation
- 5 sizes for cable diameters from 4 mm to 32 mm
- Maximal wall thickness 2.2 mm
- Typical applications: In control cabinets, in the building of motor vehicles, in the construction of machines,...



### Technical Information

|                     |                |
|---------------------|----------------|
| Material, gland     | Neoprene       |
| Material, cable tie | Polyamide 6.6  |
| Colour              | Black          |
| Temperature range   | -30°C to +90°C |
| Flammability        | UL 514         |



### Ordering Information

| PRODUCT REF. | MATERIAL | DIMENSIONS |           |           |           | CABLE Ø RANGE<br>FROM ... TO | FIXING HOLE<br>DIAMETER | WALL<br>THICKNESS UP TO | CABLE TIE<br>REFERENCE | WEIGHT<br>[g/100] | QUANTITY<br>[pieces] |
|--------------|----------|------------|-----------|-----------|-----------|------------------------------|-------------------------|-------------------------|------------------------|-------------------|----------------------|
|              |          | A<br>[mm]  | B<br>[mm] | C<br>[mm] | D<br>[mm] |                              |                         |                         |                        |                   |                      |
| 7401         | Neoprene | 18.6       | 24        | 13.6      | 5.0       | 4.0 - 9.0                    | 16                      | 2.2                     | TY 24 MX               | 420               | 10                   |
| 7402         | Neoprene | 18.7       | 28        | 13.7      | 5.0       | 7.0 - 12.0                   | 19                      | 2.2                     | TY 25 MX               | 690               | 10                   |
| 7403         | Neoprene | 22.0       | 34        | 17.0      | 5.0       | 12.0 - 18.0                  | 25                      | 2.2                     | TY 25 MX               | 1100              | 10                   |
| 7404         | Neoprene | 24.0       | 43        | 19.0      | 5.0       | 18.0 - 25.0                  | 32                      | 2.2                     | TY 25 MX               | 1500              | 5                    |
| 7405         | Neoprene | 24.5       | 51        | 18.5      | 6.0       | 25.0 - 32.0                  | 38                      | 2.2                     | TY 25 MX               | 1950              | 5                    |