



## 09 Series Fast-Lead Screws

### Studs · Small

#### Material and Finish

Low carbon steel, case hardened,  
zinc plated, chromate plus sealer or  
stainless steel

#### How to Specify:

1. Determine your outer panel and frame thicknesses:  
Outer panel  $P =$   
Frame thickness  $F =$
2. Choose your receptacle
3. Choose the retainer style
4. Find the correct constant in table opposite using the receptacle and retainer selected
5. Add outer panel thickness ( $P$ ), frame thickness ( $F$ ), and the constant found in step 4 to determine your total material thickness ( $TMT$ )  
 $TMT = P + F + \text{Constant}$
6. Find the  $TMT$  value in the ranges given in Column 1 in the part number table
7. Confirm that the outer panel thickness  $P$  does not exceed the value given in Column 2. This will confirm that your retainer will install properly beyond the last thread and retain your screw to the outer panel
8. Going across the row in the part number table, find the part number that matches your desired head style

#### Part Number

See table

#### Notes

For full screw retraction,  $B$  must be less than frame thickness plus receptacle height

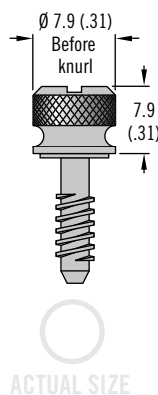
**For stainless steel screw** (slotted, and knurled ONLY) replace last 2 digits of part number with "26".  
Example: 09-11-102-26



#### Slot



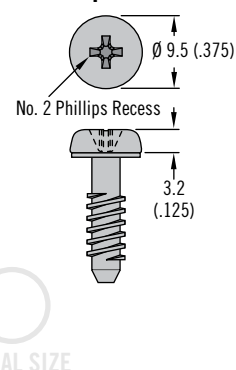
#### Knurled Head



#### Tool head Recess



#### Phillips Recess



| Constant Table  |                    |            |            |              |
|-----------------|--------------------|------------|------------|--------------|
| Retainer Type   | Receptacle Type    |            |            |              |
|                 | Flat Rivet or Weld | Clip       | Saddle     | Press-In     |
| Stainless steel | 0.3 (.012)         | 1.0 (.032) | 4.5 (.177) | -1.3 (-.050) |
| Nylon           | 1.1 (.043)         | 1.6 (.063) | 5.3 (.208) | -0.5 (-.020) |

| Column 1   |            | Column 2      | Screw Assembly Part Number |              |                  |                 | Dimensions |             |             |
|------------|------------|---------------|----------------------------|--------------|------------------|-----------------|------------|-------------|-------------|
| TMT        |            | Outer Panel P | Slotted                    | Knurled      | Tool Head Recess | Phillips Recess | A          | B           | C           |
| Min.       | Max.       |               |                            |              |                  |                 |            |             |             |
| 1.3 (.050) | 3.2 (.125) | 0.9 (.035)    | 09-11-102-11               | 09-13-102-11 | 09-T-102         | 09-P-102        | 2.5 (.100) | 5.0 (.197)  | 10.7 (.422) |
| 2.5 (.100) | 3.2 (.125) | 2.2 (.085)    | 09-11-103-11               | 09-13-103-11 | 09-T-103         | 09-P-103        | 3.8 (.150) | 3.7 (.147)  |             |
| 1.3 (.050) | 6.4 (.250) | 0.9 (.035)    | 09-11-202-11               | 09-13-202-11 | 09-T-202         | 09-P-202        | 2.5 (.100) | 8.2 (.322)  | 13.9 (.547) |
| 2.5 (.100) | 6.4 (.250) | 2.2 (.085)    | 09-11-203-11               | 09-13-203-11 | 09-T-203         | 09-P-203        | 3.8 (.150) | 6.9 (.272)  |             |
| 3.8 (.150) | 6.4 (.250) | 3.4 (.135)    | 09-11-204-11               | 09-13-204-11 | 09-T-204         | 09-P-204        | 5.1 (.200) | 5.6 (.222)  |             |
| 5.1 (.200) | 6.4 (.250) | 4.7 (.185)    | 09-11-205-11               | 09-13-205-11 | 09-T-205         | 09-P-205        | 6.4 (.250) | 4.4 (.172)  |             |
| 1.3 (.050) | 9.5 (.375) | 0.9 (.035)    | 09-11-302-11               | 09-13-302-11 | 09-T-302         | 09-P-302        | 2.5 (.100) | 11.4 (.447) | 17.1 (.672) |
| 2.5 (.100) | 9.5 (.375) | 2.2 (.085)    | 09-11-303-11               | 09-13-303-11 | 09-T-303         | 09-P-303        | 3.8 (.150) | 10.1 (.397) |             |
| 3.8 (.150) | 9.5 (.375) | 3.4 (.135)    | 09-11-304-11               | 09-13-304-11 | 09-T-304         | 09-P-304        | 5.1 (.200) | 8.8 (.347)  |             |
| 5.1 (.200) | 9.5 (.375) | 4.7 (.185)    | 09-11-305-11               | 09-13-305-11 | 09-T-305         | 09-P-305        | 6.4 (.250) | 7.3 (.297)  |             |
| 7.6 (.300) | 9.5 (.375) | 7.2 (.285)    | 09-11-307-11               | 09-13-307-11 | 09-T-307         | 09-P-307        | 8.9 (.350) | 5.0 (.197)  |             |



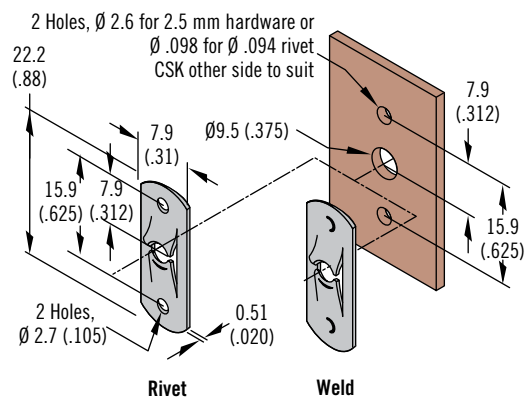
# 09 Series Fast-Lead Screws

## Receptacles / retainers · Small



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### Flat Type Receptacle



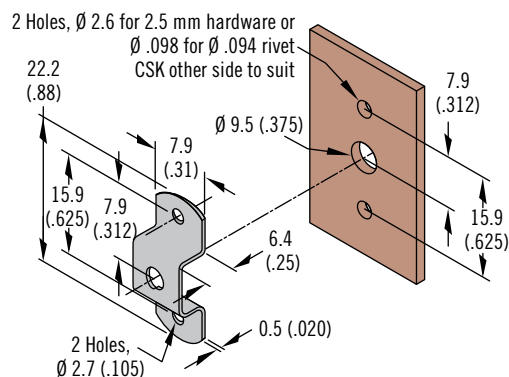
### Clip-On Type Receptacle



### Self-Clinching Receptacle Free Running



### Saddle Type Receptacle



### Retainers



| Type                     | Receptacle Part Number |                 |
|--------------------------|------------------------|-----------------|
|                          | Steel                  | Stainless steel |
| Flat receptacle rivet-on | 09-41-101-11           | 09-41-101-24    |
| Flat receptacle weld-on  | ~                      | 09-41-103-24    |
| Clip-on receptacle       | 09-43-101-11           | 09-43-101-24    |
| Press-in receptacle      | 09-44-101-11           | ~               |
| Saddle type receptacle   | 09-42-101-11           | 09-42-101-24    |

| Retainer Style                  | Retainer Part Number | Tool Part Number |
|---------------------------------|----------------------|------------------|
| 302 Stainless steel, passivated | 09-6-1               | 12-0-20980-11    |
| Nylon, black                    | 09-49-102-42         |                  |

### Material and Finish

Steel, zinc immersion coating or stainless steel

### Installation Notes

See page 497 for self-clinching installation guidelines



## 12 Series Fast-Lead Screws

### Studs · Medium

#### Material and Finish

Low carbon steel, case hardened,  
zinc plate, chromate plus sealer or  
stainless steel

#### How to Specify:

1. Determine your outer panel and frame thicknesses:  
Outer panel  $P =$   
Frame thickness  $F =$
2. Choose your receptacle
3. Choose the retainer style
4. Find the correct constant in table opposite using the receptacle and retainer selected
5. Add outer panel thickness ( $P$ ), frame thickness ( $F$ ), and the constant found in step 4 to determine your total material thickness (TMT)  
 $TMT = P + F + \text{Constant}$
6. Find the TMT value in the ranges given in Column 1 in the part number table
7. Confirm that the outer panel thickness  $P$  does not exceed the value given in Column 2. This will confirm that your retainer will install properly beyond the last thread and retain your screw to the outer panel
8. Going across the row in the part number table, find the part number that matches your desired head style

#### Notes

For full screw retraction, **B** must be less than inner panel thickness plus receptacle height

**For stainless steel screw (slot, wing and knurled ONLY)** replace last 2 digits of part number with "12".  
Example: 12-11-102-12

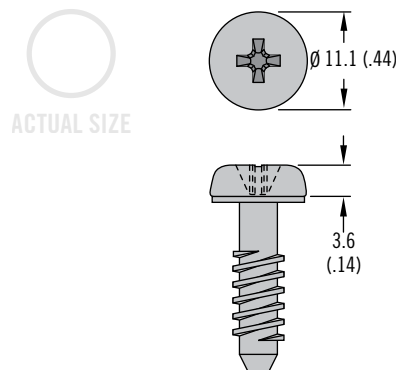


#### Tool head Recess



Tool head recess key  
order separately  
Part number 29-90-214-10

#### Phillips Recess



| Constant Table  |                 |            |             |            |              |
|-----------------|-----------------|------------|-------------|------------|--------------|
| Retainer type   | Receptacle Type |            |             |            |              |
|                 | Flat            | Clip       | Saddle      | Side       | Press-In     |
| Stainless steel | 0.38 (.015)     | 1.1 (.045) | 4.0 (.156)  | 1.5 (.060) | -1.3 (-.050) |
| Nylon           | 1.4 (.054)      | 2.0 (.079) | 5.31 (.210) | 1.5 (.060) | -0.5 (-.020) |

Dimensions in millimeters (inch) unless otherwise stated

**Part Number**

See table

| Column 1           |             | Column 2                        | Screw Assembly Part Number |              |              |                  |                 | Dimensions  |             |              |
|--------------------|-------------|---------------------------------|----------------------------|--------------|--------------|------------------|-----------------|-------------|-------------|--------------|
| TMT to be Fastened |             | Max. Thickness of Outer Panel P | Slotted                    | Wing         | Knurled      | Tool Head Recess | Phillips Recess | A           | B           | C            |
| Min.               | Max.        |                                 |                            |              |              |                  |                 |             |             |              |
| 1.3 (.050)         | 3.2 (.125)  | 0.6 (.025)                      | 12-11-102-11               | 12-12-102-11 | 12-13-102-11 | 12-T-102         | 12-P-102        | 2.5 (.100)  | 5.8 (.228)  | 12.3 (.486)  |
| 2.5 (.100)         |             | 1.9 (.075)                      | 12-11-103-11               | 12-12-103-11 | 12-13-103-11 | 12-T-103         | 12-P-103        | 3.8 (.150)  | 4.5 (.178)  |              |
| 1.3 (.050)         | 6.4 (.250)  | 0.6 (.025)                      | 12-11-202-11               | 12-12-202-11 | 12-13-202-11 | 12-T-202         | 12-P-202        | 2.5 (.100)  | 9.0 (.353)  | 15.5 (.611)  |
| 2.5 (.100)         |             | 1.9 (.075)                      | 12-11-203-11               | 12-12-203-11 | 12-13-203-11 | 12-T-203         | 12-P-203        | 3.8 (.150)  | 7.7 (.303)  |              |
| 3.8 (.150)         |             | 3.2 (.125)                      | 12-11-204-11               | 12-12-204-11 | 12-13-204-11 | 12-T-204         | 12-P-204        | 5.1 (.200)  | 6.4 (.253)  |              |
| 5.1 (.200)         |             | 4.5 (.175)                      | 12-11-205-11               | 12-12-205-11 | 12-13-205-11 | 12-T-205         | 12-P-205        | 6.4 (.250)  | 5.2 (.203)  |              |
| 1.3 (.050)         | 9.5 (.375)  | 0.6 (.025)                      | 12-11-302-11               | 12-12-302-11 | 12-13-302-11 | 12-T-302         | 12-P-302        | 2.5 (.100)  | 12.1 (.478) | 18.7 (.736)  |
| 2.5 (.100)         |             | 1.9 (.075)                      | 12-11-303-11               | 12-12-303-11 | 12-13-303-11 | 12-T-303         | 12-P-303        | 3.8 (.150)  | 10.9 (.428) |              |
| 3.8 (.150)         |             | 3.2 (.125)                      | 12-11-304-11               | 12-12-304-11 | 12-13-304-11 | 12-T-304         | 12-P-304        | 5.1 (.200)  | 9.6 (.378)  |              |
| 5.1 (.200)         |             | 4.5 (.175)                      | 12-11-305-11               | 12-12-305-11 | 12-13-305-11 | 12-T-305         | 12-P-305        | 6.4 (.250)  | 8.3 (.328)  |              |
| 7.6 (.300)         |             | 7.0 (.275)                      | 12-11-307-11               | 12-12-307-11 | 12-13-307-11 | 12-T-307         | 12-P-307        | 8.9 (.350)  | 5.8 (.228)  |              |
| 2.5 (.100)         | 12.7 (.500) | 1.9 (.075)                      | 12-11-403-11               | 12-12-403-11 | 12-13-403-11 | 12-T-403         | 12-P-403        | 3.8 (.150)  | 14.1 (.553) | 21.9 (.861)  |
| 3.8 (.150)         |             | 3.2 (.125)                      | 12-11-404-11               | 12-12-404-11 | 12-13-404-11 | 12-T-404         | 12-P-404        | 5.1 (.200)  | 12.8 (.503) |              |
| 5.1 (.200)         |             | 4.5 (.175)                      | 12-11-405-11               | 12-12-405-11 | 12-13-405-11 | 12-T-405         | 12-P-405        | 6.4 (.250)  | 11.5 (.453) |              |
| 7.6 (.300)         |             | 7.0 (.275)                      | 12-11-407-11               | 12-12-407-11 | 12-13-407-11 | 12-T-407         | 12-P-407        | 8.9 (.350)  | 9.0 (.353)  |              |
| 10.2 (.400)        |             | 9.5 (.375)                      | 12-11-409-11               | 12-12-409-11 | 12-13-409-11 | 12-T-409         | 12-P-409        | 11.4 (.450) | 6.4 (.253)  |              |
| 2.5 (.100)         | 15.9 (.625) | 1.9 (.075)                      | 12-11-503-11               | 12-12-503-11 | 12-13-503-11 | 12-T-503         | 12-P-503        | 3.8 (.150)  | 17.2 (.678) | 25 (.986)    |
| 3.8 (.150)         |             | 3.2 (.125)                      | 12-11-504-11               | 12-12-504-11 | 12-13-504-11 | 12-T-504         | 12-P-504        | 5.1 (.200)  | 16.0 (.628) |              |
| 5.1 (.200)         |             | 4.5 (.175)                      | 12-11-505-11               | 12-12-505-11 | 12-13-505-11 | 12-T-505         | 12-P-505        | 6.4 (.250)  | 14.7 (.578) |              |
| 7.6 (.300)         |             | 7.0 (.275)                      | 12-11-507-11               | 12-12-507-11 | 12-13-507-11 | 12-T-507         | 12-P-507        | 8.9 (.350)  | 12.1 (.478) |              |
| 10.2 (.400)        |             | 9.5 (.375)                      | 12-11-509-11               | 12-12-509-11 | 12-13-509-11 | 12-T-509         | 12-P-509        | 11.4 (.450) | 9.6 (.378)  |              |
| 12.7 (.500)        |             | 12.1 (.475)                     | 12-11-511-11               | 12-12-511-11 | 12-13-511-11 | 12-T-511         | 12-P-511        | 14 (.550)   | 7.1 (.278)  |              |
| 2.5 (.100)         | 19.1 (.750) | 1.9 (.075)                      | 12-11-603-11               | 12-12-603-11 | 12-13-603-11 | 12-T-603         | 12-P-603        | 3.8 (.150)  | 20.4 (.803) | 28.2 (1.111) |
| 3.8 (.150)         |             | 3.2 (.125)                      | 12-11-604-11               | 12-12-604-11 | 12-13-604-11 | 12-T-604         | 12-P-604        | 5.1 (.200)  | 19.1 (.753) |              |
| 5.1 (.200)         |             | 4.5 (.175)                      | 12-11-605-11               | 12-12-605-11 | 12-13-605-11 | 12-T-605         | 12-P-605        | 6.4 (.250)  | 17.9 (.703) |              |
| 7.6 (.300)         |             | 7.0 (.275)                      | 12-11-607-11               | 12-12-607-11 | 12-13-607-11 | 12-T-607         | 12-P-607        | 8.9 (.350)  | 15.3 (.603) |              |
| 10.2 (.400)        |             | 9.5 (.375)                      | 12-11-609-11               | 12-12-609-11 | 12-13-609-11 | 12-T-609         | 12-P-609        | 11.4 (.450) | 12.8 (.503) |              |
| 12.7 (.500)        |             | 12.1 (.475)                     | 12-11-611-11               | 12-12-611-11 | 12-13-611-11 | 12-T-611         | 12-P-611        | 14 (.550)   | 10.2 (.403) |              |
| 15.3 (.600)        |             | 14.6 (.575)                     | 12-11-613-11               | 12-12-613-11 | 12-13-613-11 | 12-T-613         | 12-P-613        | 16.5 (.650) | 7.7 (.303)  |              |
| 17.8 (.700)        |             | 17.2 (.675)                     | 12-11-615-11               | 12-12-615-11 | 12-13-615-11 | 12-T-615         | 12-P-615        | 19.1 (.750) | 5.2 (.203)  |              |



# 12 Series Fast-Lead Screws

## Receptacles · Medium

### Material and Finish

Steel, zinc immersion coating or stainless steel

Side mount receptacle: 1064 steel, zinc immersion coating

Press-in receptacle: low carbon steel, case hardened and zinc plate, chromate plus sealer

### Installation Notes

See page 497 for self-clinching installation guidelines

### Side Mount Receptacle



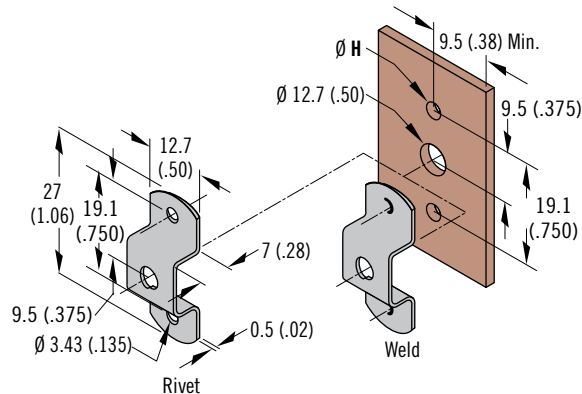
### Flat Type Receptacle



### Self-Clinching Receptacle Free Running



### Saddle Type Receptacle



### Part Number

See table

| Type                      | Ø H        | Receptacle Part Number |                 |
|---------------------------|------------|------------------------|-----------------|
|                           |            | Steel                  | Stainless steel |
| Side mount receptacle     | ~          | 12-90-101-10           | ~               |
| Flat receptacle rivet     | 2.7 (.105) | 12-11015-13            | 12-11015-14     |
|                           | 3.4 (.135) | 12-11020-11            | 12-11020-13     |
| Flat receptacle weld-on   | ~          | ~                      | 12-11016-11     |
| Press-in receptacle       | ~          | 12-44-101-11           | ~               |
| Saddle receptacle rivet   | 3.4 (.135) | 12-11043-11            | 12-11043-12     |
| Saddle receptacle weld-on | ~          | ~                      | 12-11044-12     |

Dimensions in millimeters (inch) unless otherwise stated



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# 12 Series Fast-Lead Screws

## Receptacles / retainers · Medium



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### Clip-On Type Receptacle



### Narrow Flange



| Type                               | Frame Thickness         | A           | B           | Z Max.     | Receptacle Part Number |                 |
|------------------------------------|-------------------------|-------------|-------------|------------|------------------------|-----------------|
|                                    |                         |             |             |            | Steel                  | Stainless steel |
| Clip-on receptacle - J             | .8 (.031) to 2.8 (.109) | 24.8 (.98)  | 14.2 (.56)  | 12.7 (.50) | 12-11025-11            | ~               |
| Clip-on receptacle - U             | .8 (.031) to 2.8 (.109) | 25.9 (1.02) |             | 11.9 (.47) | 12-11017-11            | 12-11017-12     |
|                                    | 2.8 (.109) - 4.1 (.161) |             |             |            | 12-11027-11            | ~               |
|                                    | 2.8 (.109) - 4.1 (.161) |             |             |            | ~                      | 12-11027-12     |
|                                    | 4.1 (.161) - 5.5 (.213) | 24.8 (.98)  |             | 13.5 (.53) | 11.1 (.44)             | 12-11029-11     |
|                                    | 5.4 (.213) - 6.7 (.265) | 24.5 (.97)  | 13.01 (.51) |            | 12-11031-11            |                 |
| Clip-on receptacle - Narrow flange | 0.8 (.031) - 2.8 (.109) | ~           | ~           | ~          | 12-11050-27            |                 |

### Material and Finish

Steel, zinc immersion coating or stainless steel

### Part Number

See table

### Retainers



| Retainer Style                  | Retainer Part Number | Tool Part Number |
|---------------------------------|----------------------|------------------|
| 304 Stainless steel, passivated | 12-6-1               | 12-0-20980-11    |
| Nylon, black                    | 12-11064-42          |                  |

### Part Number

See table



## 17 Series Fast-Lead Screws

### Studs · Large

#### Material and Finish

Low carbon steel, case hardened,  
zinc plated, chromate plus sealer or  
stainless steel

1. Determine your outer panel and frame thicknesses:  
Outer panel P =  
Frame thickness F =
2. Choose your receptacle
3. Choose the retainer style
4. Find the correct constant in table opposite using the receptacle and retainer selected
5. Add outer panel thickness (P), frame thickness (F), and the constant found in step 4 to determine your total material thickness (TMT)  
 $TMT = P + F + \text{Constant}$
6. Find the TMT value in the ranges given in Column 1 in the part number table
7. Confirm that the outer panel thickness P does not exceed the value given in Column 2. This will confirm that your retainer will install properly beyond the last thread and retain your screw to the outer panel
8. Going across the row in the part number table, find the part number that matches your desired head style

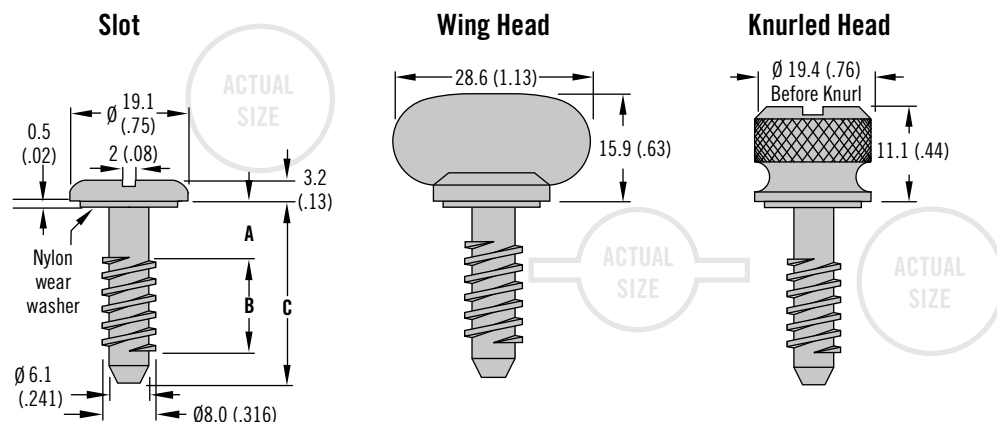
#### Notes

For full screw retraction, **B** must be less than inner panel thickness plus receptacle height

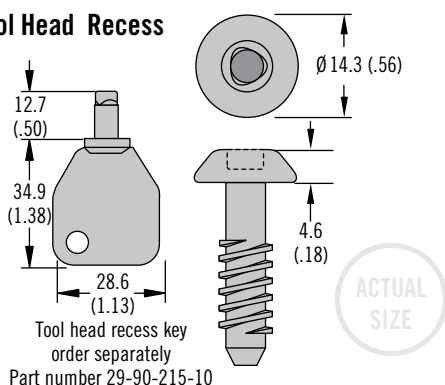
**For stainless steel screw** (slotted, wing and knurled ONLY) replace last 2 digits of part number with "12".  
Example: 17-11-104-12

#### Part Number

See table



#### Tool Head Recess



| Constant Table  |                 |            |            |
|-----------------|-----------------|------------|------------|
| Retainer type   | Receptacle Type |            |            |
|                 | Flat            | Clip       | Side       |
| Stainless steel | 0.38 (.015)     | 2.2 (.086) | 1.5 (.060) |
| Nylon           | 1.9 (.076)      | 3.5 (.137) | 1.5 (.060) |

| Column 1           |             | Column 2    | Screw Assembly Part Number |              |              |                  | Dimensions  |             |              |
|--------------------|-------------|-------------|----------------------------|--------------|--------------|------------------|-------------|-------------|--------------|
| TMT to be Fastened |             | Max.        | Slotted                    | Wing         | Knurled      | Tool Head Recess | A           | B           | C            |
| Min.               | Max.        |             |                            |              |              |                  |             |             |              |
| 2.5 (.100)         | 6.4 (.250)  | 3.1 (.120)  | 17-11-104-11               | 17-12-104-11 | 17-13-104-11 | 17-T-104         | 5.1 (.200)  | 9.1 (.360)  | 19.1 (.751)  |
| 5.1 (.200)         |             | 5.6 (.220)  | 17-11-106-11               | 17-12-106-11 | 17-13-106-11 | 17-T-106         | 7.6 (.300)  | 6.6 (.260)  |              |
| 2.5 (.100)         | 9.5 (.375)  | 3.1 (.120)  | 17-11-204-11               | 17-12-204-11 | 17-13-204-11 | 17-T-204         | 5.1 (.200)  | 12.3 (.485) | 22.3 (.876)  |
| 5.1 (.200)         |             | 5.6 (.220)  | 17-11-206-11               | 17-12-206-11 | 17-13-206-11 | 17-T-206         | 7.6 (.300)  | 9.8 (.385)  |              |
| 7.6 (.300)         |             | 8.1 (.320)  | 17-11-208-11               | 17-12-208-11 | 17-13-208-11 | 17-T-208         | 10.2 (.400) | 7.2 (.285)  |              |
| 2.5 (.100)         | 12.7 (.500) | 3.1 (.120)  | 17-11-304-11               | 17-12-304-11 | 17-13-304-11 | 17-T-304         | 5.1 (.200)  | 15.5 (.610) | 25.4 (1.001) |
| 5.1 (.200)         |             | 5.6 (.220)  | 17-11-306-11               | 17-12-306-11 | 17-13-306-11 | 17-T-306         | 7.6 (.300)  | 13 (.510)   |              |
| 7.6 (.300)         |             | 8.1 (.320)  | 17-11-308-11               | 17-12-308-11 | 17-13-308-11 | 17-T-308         | 10.2 (.400) | 10.4 (.410) |              |
| 10.2 (.400)        |             | 10.7 (.420) | 17-11-310-11               | 17-12-310-11 | 17-13-310-11 | 17-T-310         | 12.7 (.500) | 7.9 (.310)  |              |
| 2.5 (.100)         | 15.9 (.625) | 3.1 (.120)  | 17-11-404-11               | 17-12-404-11 | 17-13-404-11 | 17-T-404         | 5.1 (.200)  | 18.7 (.735) | 28.6 (1.126) |
| 5.1 (.200)         |             | 5.6 (.220)  | 17-11-406-11               | 17-12-406-11 | 17-13-406-11 | 17-T-406         | 7.6 (.300)  | 16.1 (.635) |              |
| 7.6 (.300)         |             | 8.1 (.320)  | 17-11-408-11               | 17-12-408-11 | 17-13-408-11 | 17-T-408         | 10.2 (.400) | 13.6 (.535) |              |
| 10.2 (.400)        |             | 10.7 (.420) | 17-11-410-11               | 17-12-410-11 | 17-13-410-11 | 17-T-410         | 12.7 (.500) | 11.1 (.435) |              |
| 12.7 (.500)        |             | 13.2 (.520) | 17-11-412-11               | 17-12-412-11 | 17-13-412-11 | 17-T-412         | 15.2 (.600) | 8.5 (.335)  |              |
| 15.2 (.600)        |             | 15.8 (.620) | 17-11-414-11               | 17-12-414-11 | 17-13-414-11 | 17-T-414         | 17.8 (.700) | 6.0 (.235)  |              |

Dimensions in millimeters (inch) unless otherwise stated



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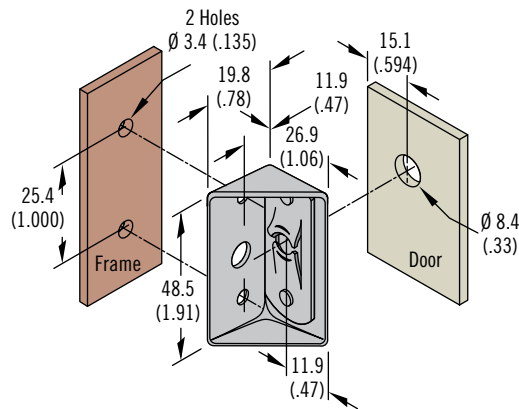
# 17 Series Fast-Lead Screws

## Receptacles / retainers · Large



339

### Side Mount Receptacle



### Clip-On Type Receptacle



### Flat Type Receptacle



### Retainers



### Material and Finish

Steel, zinc immersion coating or stainless steel

| Type                         | Frame Thickness         | Y          | Z Max.     | Receptacle Part Number |                 |
|------------------------------|-------------------------|------------|------------|------------------------|-----------------|
|                              |                         |            |            | Steel                  | Stainless steel |
| Side mount receptacle        | ~                       | ~          | ~          | 17-90-101-10           | ~               |
| Clip-on type receptacle      | 1.1 - 2.4 (.045 - .093) | 15.7 (.62) | 15.0 (.59) | 17-10017-11            | ~               |
|                              | 2.4 - 3.6 (.093 - .142) | 14.7 (.58) | 14.2 (.56) | 17-10027-11            | ~               |
|                              | 3.6 - 4.9 (.142 - .191) | 13.7 (.54) | 13.5 (.53) | 17-10029-11            | ~               |
|                              | 4.9 - 6.1 (.191 - .240) | 13.5 (.53) | 13.5 (.53) | 17-10031-11            | ~               |
|                              | 6.1 - 7.3 (.240 - .289) | 13.0 (.51) | 12.7 (.50) | 17-10033-11            | ~               |
| Flat type receptacle - Rivet | ~                       | ~          | ~          | 17-10015-13            | 17-10015-14     |
| Flat type receptacle - Weld  | ~                       | ~          | ~          | 17-10016-11            | ~               |

| Retainer Style                  | Retainer Part Number | Tool Part Number |
|---------------------------------|----------------------|------------------|
| 302 Stainless steel, passivated | 17-6-1               | 17-0-24585-11    |
| Nylon, black                    | 17-10054-42          | 17-0-21333-11    |

### Part Number

See table

