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## Bushings and Hubs

### TAPER-LOCK® Bushings

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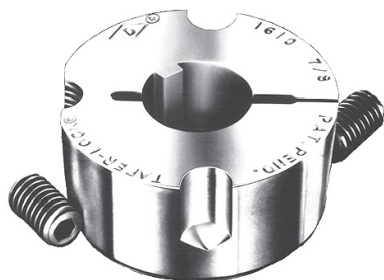
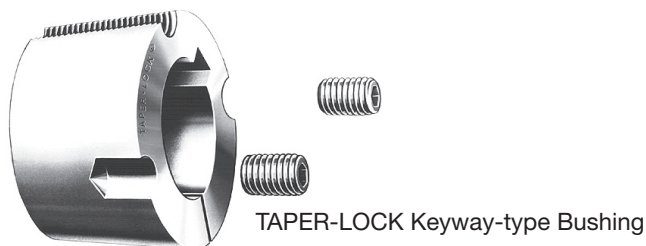
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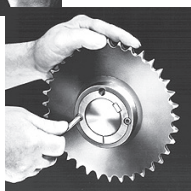
## FEATURES/BENEFITS

### TAPER-LOCK Bushings



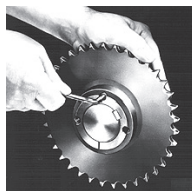
TAPER-LOCK Integral Key Bushing

### Simple Mounting



#### Easy On

- Insert bushing into sprocket
- Match holes (not threads).
- Put screws into holes that are farthest apart
- Slip entire unit onto shaft
- Set drive alignment and tighten screws



#### Easy Off

- Take both screws out entirely
- Insert one screw into hole that is threaded in the bushing only
- Use as jackscrew to disengage bushing

### IMPORTANT!

Do not use lubricants or anti-seize compounds on tapered bore, bushing suitcase, shaft or screws. Complete installation instructions are available on [www.dodge-pt.com](http://www.dodge-pt.com).

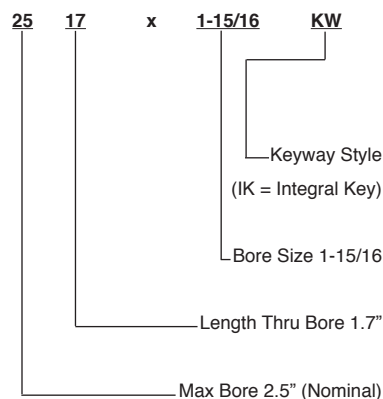
- Clean, Compact Design
- An Industry Standard for over 40 years
- Easy-on, Easy-off
- 8° Taper-Grips Tight, Holds Tight, Runs True, No Wobble
- Total System Concept: Bushings, Hubs, Adapters and Products
- World-Wide Acceptance and Availability
- Flush Mounting-No Protruding Parts
- Diamond  Integral Key for Added Value and Convenience

### DODGE TAPER-LOCK BUSHING WITH INTEGRAL KEY

- Popular bore sizes, 1008 thru 2517
- Capitalizes on proven DODGE sintered steel technology
- Convenience: No more fumbling with a separate key and setscrew over the key. Integral key cannot work loose or fall out.
- More Secure fit: Clearances between key and bushing are automatically eliminated, providing a more precise fit. Provides full key even in maximum bore sizes. . . No more "shallow keyseat" compromise.
- Cost Reduction: Eliminates labor cost associated with installing key and separate key, and associated inventory expense.
- Engineered and Tested Design: Integral key concept thoroughly analyzed, including computerized Finite Element Analysis (FEA), for stress evaluation. Extensive laboratory testing included static and dynamic loading on customized machinery. Results demonstrated in successful field applications.

### Example Nomenclature

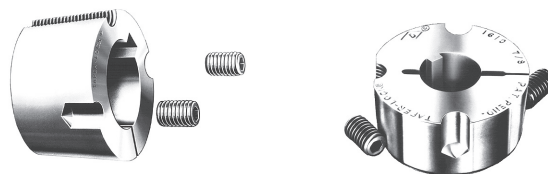
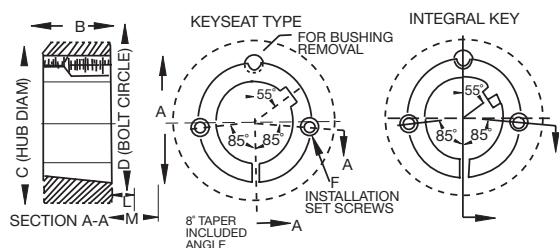
#### TAPER-LOCK Bushing



# SPECIFICATION

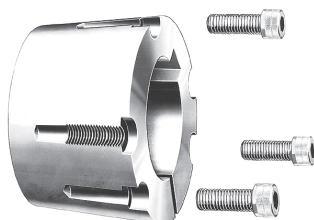


## TAPER-LOCK Bushings - Dimensions

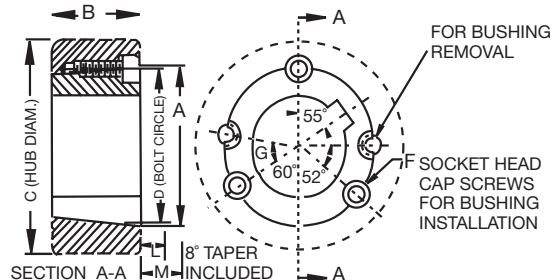


### Dimensions For 1008 Thru 3030 TAPER-LOCK Bushings

| Bush No. | Ratings (LB-IN)   |                              | A    | B    | C Hub Dia ■ |       | D    | F † |             | L ●         |             | M ★          |             |
|----------|-------------------|------------------------------|------|------|-------------|-------|------|-----|-------------|-------------|-------------|--------------|-------------|
|          | Torque Capacity ◆ | Wrench Torque Install Screws |      |      | CL 30       | Steel |      | Qty | Size        | Std Hex Key | Short Key ▲ | Std. Hex Key | Short Key ▲ |
| 1008     | 1200              | 55                           | 1.39 | 0.87 | 2.19        | 1.94  | 1.33 | 2   | 1/4 X 1/2   | 1.13        | 0.63        | 1.25         | 0.75        |
| 1108     | 1300              | 55                           | 1.51 | 0.87 | 2.31        | 2.06  | 1.45 | 2   | 1/4 X 1/2   | 1.13        | 0.63        | 1.25         | 0.75        |
| 1210     | 3600              | 175                          | 1.87 | 1.00 | 3.25        | 2.88  | 1.75 | 2   | 3/8 X 5/8   | 1.38        | 0.81        | 1.63         | 1.10        |
| 1215     | 3550              | 175                          | 1.87 | 1.50 | 2.88        | 2.63  | 1.75 | 2   | 3/8 X 5/8   | 1.38        | 0.81        | 1.63         | 1.10        |
| 1310     | 3850              | 175                          | 2.00 | 1.00 | 3.38        | 3.00  | 1.88 | 2   | 3/8 X 5/8   | 1.38        | 0.81        | 1.63         | 1.10        |
| 1610     | 4300              | 175                          | 2.25 | 1.00 | 3.63        | 3.25  | 2.13 | 2   | 3/8 X 5/8   | 1.38        | 0.81        | 1.63         | 1.10        |
| 1615     | 4300              | 175                          | 2.25 | 1.50 | 3.25        | 3.00  | 2.13 | 2   | 3/8 X 5/8   | 1.38        | 0.81        | 1.63         | 1.10        |
| 2012     | 7150              | 280                          | 2.75 | 1.25 | 4.38        | 3.88  | 2.63 | 2   | 7/16 X 7/8  | 1.56        | 0.94        | 2.00         | 1.38        |
| 2517     | 11600             | 430                          | 3.38 | 1.75 | 4.88        | 4.38  | 3.25 | 2   | 1/2 X 1     | 1.63        | 1.00        | 2.25         | 1.63        |
| 2525     | 11300             | 430                          | 3.38 | 2.50 | 4.50        | 4.25  | 3.25 | 2   | 1/2 X 1     | 1.63        | 1.00        | 2.25         | 1.63        |
| 3020     | 24000             | 800                          | 4.25 | 2.00 | 6.25        | 5.63  | 4.00 | 2   | 5/8 X 1-1/4 | 1.81        | 1.19        | 2.69         | 2.10        |
| 3030     | 24000             | 800                          | 4.25 | 3.00 | 5.75        | 5.38  | 4.00 | 2   | 5/8 X 1-1/4 | 1.81        | 1.19        | 2.69         | 2.10        |



### 3535 thru 5050 Size



### Dimensions For 3525 Thru 5050 TAPER-LOCK Bushings

| Bush No. | Ratings (LB-IN)   |                              | A    | B    | C Hub Dia ■ |       | D    | F † |             | G  | L ●         |             | M ★          |             |
|----------|-------------------|------------------------------|------|------|-------------|-------|------|-----|-------------|----|-------------|-------------|--------------|-------------|
|          | Torque Capacity ◆ | Wrench Torque Install Screws |      |      | CL 30       | Steel |      | Qty | Size        |    | Std Hex Key | Short Key ▲ | Std. Hex Key | Short Key ▲ |
| 3525     | 44800             | 1000                         | 5.00 | 2.50 | 7.00        | 6.50  | 4.83 | 3   | 1/2 X 1-1/2 | 39 | 2.00        | 1.31        | 3.38         | 2.69        |
| 3535     | 44800             | 1000                         | 5.00 | 3.50 | 7.00        | 6.50  | 4.83 | 3   | 1/2 X 1-1/2 | 39 | 2.00        | 1.31        | 3.38         | 2.69        |
| 4030     | 77300             | 1700                         | 5.75 | 3.00 | 8.50        | 7.75  | 5.54 | 3   | 5/8 X 1-3/4 | 39 | 2.39        | 1.63        | 4.13         | 3.38        |
| 4040     | 77300             | 1700                         | 5.75 | 4.00 | 8.50        | 7.75  | 5.54 | 3   | 5/8 X 1-3/4 | 40 | 2.39        | 1.63        | 4.13         | 3.38        |
| 4535     | 110000            | 2450                         | 6.38 | 3.50 | 9.50        | 8.75  | 6.13 | 3   | 3/4 X 2     | 40 | 2.63        | 1.94        | 4.75         | 4.10        |
| 4545     | 110000            | 2450                         | 6.38 | 4.50 | 9.50        | 8.75  | 6.13 | 3   | 3/4 X 2     | 40 | 2.63        | 1.94        | 4.75         | 4.10        |
| 5040     | 126000            | 3100                         | 7.00 | 4.00 | 10.50       | 9.50  | 6.72 | 3   | 7/8 X 2-1/4 | 37 | 2.81        | 2.31        | 5.25         | 4.81        |
| 5050     | 126000            | 3100                         | 7.00 | 5.00 | 10.50       | 9.50  | 6.72 | 3   | 7/8 X 2-1/4 | 37 | 2.81        | 2.31        | 5.25         | 4.81        |

**Note:** For dimensions required for machining hubs, consult factory.

■ Hub diameter required depends on the application.

Hub diameter shown is based on 30,000 P.S.I. minimum ultimate tensile strength.

◆ Important: refer to service factor information on page PT6-4.

● Space required to tighten bushing. Also space required to loosen screws to permit removal of hub by puller.

★ Space required to remove bushing using jackscrews-no puller required

▲ Standard hex key cut to minimum usable length.

† Use in position shown in drawing above for tightening bushing on shaft. When loosening bushing remove screws and use all except one in the other holes.

**NOTE:** Installation and maintenance instructions for Dodge products available at [www.dodge-pt.com](http://www.dodge-pt.com)

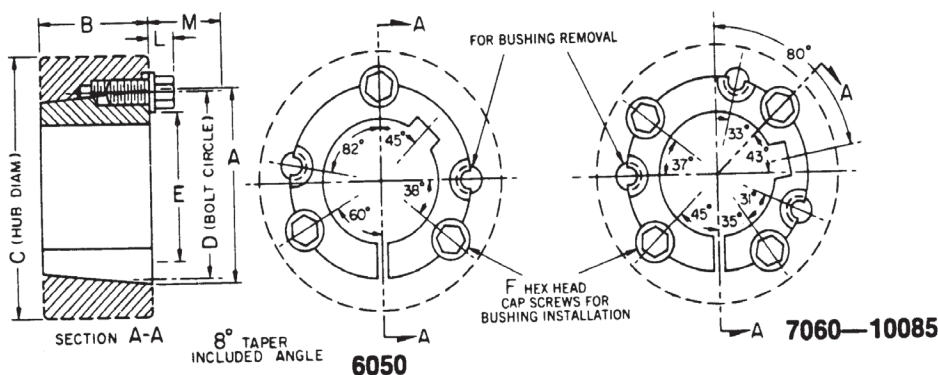
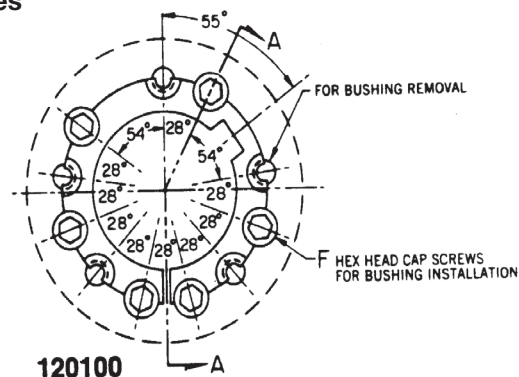
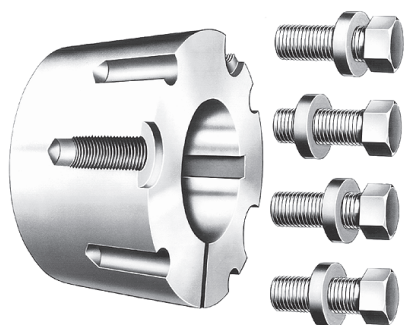
|                                     |                                 |                            |                            |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|
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|-------------------------------------|---------------------------------|----------------------------|----------------------------|



# SPECIFICATION

## TAPER-LOCK Bushings - Dimensions

6050 thru 120100 Sizes



### Dimensions For 6050 Thru 120100 TAPER-LOCK Bushings

| Bush No. | Ratings (LB-IN)      |                              | A     | B     | C Hub Dia |       | D     | E     | F   |               | L    | M    |
|----------|----------------------|------------------------------|-------|-------|-----------|-------|-------|-------|-----|---------------|------|------|
|          | Torque Capacity<br>◆ | Wrench Torque Install Screws |       |       | CL 30     | Steel |       |       | Qty | Size          |      |      |
| 6050     | 282000               | 7820                         | 9.25  | 5.00  | 15.50     | 13.50 | 9.00  | 6.75  | 3   | 1-1/4 X 3-1/2 | 1.63 | 4.38 |
| 7060     | 416000               | 7820                         | 10.25 | 6.00  | 17.00     | 14.80 | 10.00 | 7.75  | 4   | 1-1/4 X 3-1/2 | 1.63 | 4.38 |
| 8065     | 456000               | 7820                         | 11.25 | 6.50  | 17.50     | 15.50 | 11.00 | 8.75  | 4   | 1-1/4 X 3-1/2 | 1.63 | 4.38 |
| 10085    | 869000               | 13700                        | 14.75 | 8.50  | 22.00     | 19.50 | 14.50 | 11.75 | 4   | 1-1/2 X 4-1/4 | 2.00 | 5.38 |
| 120100   | 1520000              | 13700                        | 17.25 | 10.00 | 26.00     | 23.00 | 17.00 | 14.25 | 6   | 1-1/2 X 4-1/4 | 2.00 | 5.38 |

**Note:** For dimensions required for machining hubs, consult factory.

- Hub diameter required depends on the application. Hub diameter shown is based on 30,000 P.S.I. minimum ultimate tensile strength.
- † Use in position shown in drawing above for tightening bushing on shaft. When loosening bushing remove screws and use all except one in the other holes.
- Space required to tighten bushing. Also space required to loosen screws to permit removal of hub by puller.
- ★ Space required to loosen bushing using screws as jackscrews - no puller required.
- ◆ Peak torque loads must not exceed torque capacity rating shown. Capacity values shown are for light starting and steady running conditions. For more severe duty, divide torque capacity by service factor suggested in following table.

| Service Factor | Type of Loading                                                    |
|----------------|--------------------------------------------------------------------|
| 1.00           | Light Starting & Steady Running                                    |
| 1.50           | Light Starting & Uneven Running                                    |
| 2.00           | Fairly Heavy Starting & Steady Or Uneven Running                   |
| 2.50           | Light or Heavy Starting & Moderate Shock Running                   |
| 3.00           | Light or Heavy Starting & Severe Shock Running, or Reversing Loads |

# SPECIFICATION



## TAPER-LOCK Bushings - Stock Bore

| TL Bush Size | Bore      | P/N Integral Key | P/N Keyway | WT. | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|-----------|------------------|------------|-----|----------------|------------------|--------------|
| 1008         | 1/2"      |                  | 119176     | 0.3 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"     |                  | 119177     | 0.3 |                |                  |              |
|              | 5/8"      | 119180           | 117073     | 0.3 |                |                  |              |
|              | 11/16"    |                  | 119179     | 0.2 |                |                  |              |
|              | 3/4"      |                  | 117150     | 0.2 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 13/16"    |                  | 119181     | 0.2 |                |                  |              |
|              | 7/8"      | 119182           | 117074     | 0.2 |                |                  |              |
|              | 15/16" #  | 119184           | 119183     | 0.2 | 1/4 x 1/16     | 1/4 x 1/8        | 1/4 x 3/16 Δ |
|              | 1" #      |                  | 117151     | 0.2 |                |                  |              |
|              | 14MM      |                  | 119565     | 0.3 | 5 x 2.3MM      | 5 x 5.3MM        | 5 x 5MM      |
|              | 16MM      |                  | 119566     | 0.3 |                |                  |              |
|              | 18MM      |                  | 119575     | 0.3 |                |                  |              |
|              | 19MM      |                  | 119569     | 0.3 | 6 x 2.8MM      | 6 x 3.5MM        | 6 x 6MM      |
|              | 20MM      |                  | 119576     | 0.3 |                |                  |              |
|              | 22MM      |                  | 119577     | 0.2 |                |                  |              |
| 1108         | 24MM      |                  | 119567     | 0.2 | 8 x 1.3MM      | 8 x 4MM          | 8 X 7MM      |
|              | 25MM      |                  | 119568     | 0.2 |                |                  |              |
|              | 1/2"      |                  | 119365     | 0.3 | 1/8 x 1/4      | 1/8 x 1/4        | 1/8 x 1/8    |
|              | 9/16"     |                  | 119366     | 0.3 |                |                  |              |
|              | 5/8"      | 119367           | 117075     | 0.3 |                |                  |              |
|              | 11/16"    |                  | 119368     | 0.2 |                |                  |              |
|              | 3/4"      |                  | 117152     | 0.2 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 13/16"    |                  | 119370     | 0.2 |                |                  |              |
|              | 7/8"      | 119371           | 117076     | 0.2 |                |                  |              |
|              | 15/16"    |                  | 119372     | 0.2 |                |                  |              |
|              | 1"        |                  | 117153     | 0.2 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/16" # |                  | 119374     | 0.2 | 1/4 x 1/16     | 1/4 x 1/8        | 1/4 x 3/16 Δ |
|              | 1-1/8" #  |                  | 117077     | 0.1 |                |                  |              |
|              | 14MM      |                  | 119651     | 0.3 | 5 x 2.3MM      | 5 x 5.3MM        | 5 x 5MM      |
|              | 16MM      |                  | 119652     | 0.3 |                |                  |              |
| 1210         | 18MM      |                  | 119653     | 0.3 |                |                  |              |
|              | 19MM      |                  | 119570     | 0.3 | 6 x 2.8MM      | 6 x 3.5MM        | 6 x 6MM      |
|              | 20MM      |                  | 119579     | 0.3 |                |                  |              |
|              | 22MM      |                  | 119580     | 0.3 |                |                  |              |
|              | 24MM      |                  | 119581     | 0.2 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 25MM      |                  | 119582     | 0.2 |                |                  |              |
|              | 1/2"      |                  | 119191     | 0.6 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"     |                  | 119192     | 0.6 |                |                  |              |
|              | 5/8"      | 119195           | 117078     | 0.6 |                |                  |              |
|              | 11/16"    |                  | 119194     | 0.5 |                |                  |              |
|              | 3/4"      |                  | 117154     | 0.5 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 13/16"    |                  | 119196     | 0.5 |                |                  |              |
|              | 7/8"      | 119197           | 117079     | 0.5 |                |                  |              |
|              | 15/16"    | 119199           | 119198     | 0.5 |                |                  |              |
|              | 1"        |                  | 117155     | 0.5 |                |                  |              |
|              | 1-1/16"   | 119201           | 119200     | 0.4 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/8"    |                  | 117080     | 0.4 |                |                  |              |
|              | 1-3/16"   |                  | 117156     | 0.4 |                |                  |              |
|              | 1-1/4"    |                  | 117157     | 0.4 |                |                  |              |
| 1210         | 14MM      |                  | 119583     | 0.6 | 5 x 2.3MM      | 5 x 5.3MM        | 5 x 5MM      |
|              | 16MM      |                  | 119654     | 0.6 |                |                  |              |
|              | 18MM      |                  | 119584     | 0.5 |                |                  |              |
|              | 19MM      |                  | 119571     | 0.5 | 6 x 2.8MM      | 6 x 3.5MM        | 6 x 6MM      |
|              | 20MM      |                  | 119585     | 0.5 |                |                  |              |
|              | 22MM      |                  | 119655     | 0.5 |                |                  |              |
|              | 24MM      |                  | 119586     | 0.5 |                |                  |              |
|              | 25MM      |                  | 119587     | 0.4 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 28MM      |                  | 119588     | 0.4 |                |                  |              |
|              | 30MM      |                  | 119589     | 0.4 |                |                  |              |
|              | 32MM      |                  | 119590     | 0.4 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |

Δ Key furnished for these sizes ONLY

+ These sizes are STEEL

# Refer to torque capacity ratings on page PT6-3. If service factor of 2.0 or greater is required consult DODGE

| TL Bush Size | Bore       | P/N Integral Key | P/N Keyway | WT. | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|------------|------------------|------------|-----|----------------|------------------|--------------|
| 1215         | 1/2"       |                  | 119001     | 0.9 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"      |                  | 119002     | 0.9 |                |                  |              |
|              | 5/8"       |                  | 119003     | 0.8 |                |                  |              |
|              | 11/16"     |                  | 119004     | 0.8 |                |                  |              |
|              | 3/4"       |                  | 119005     | 0.8 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 13/16"     |                  | 119006     | 0.8 |                |                  |              |
|              | 7/8"       |                  | 119007     | 0.8 |                |                  |              |
|              | 15/16"     |                  | 119008     | 0.8 |                |                  |              |
|              | 1"         |                  | 119009     | 0.7 |                |                  |              |
|              | 1-1/16"    |                  | 119010     | 0.6 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/8"     |                  | 119011     | 0.6 |                |                  |              |
|              | 1-3/16"    |                  | 119012     | 0.5 |                |                  |              |
|              | 1-1/4"     |                  | 119013     | 0.5 |                |                  |              |
|              | 1/2"       |                  | 119390     | 0.7 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
| 1310         | 9/16"      |                  | 119391     | 0.7 |                |                  |              |
|              | 5/8"       |                  | 119392     | 0.7 |                |                  |              |
|              | 11/16"     |                  | 119393     | 0.7 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 3/4"       |                  | 119394     | 0.7 |                |                  |              |
|              | 13/16"     |                  | 119395     | 0.7 |                |                  |              |
|              | 7/8"       |                  | 119396     | 0.7 |                |                  |              |
|              | 15/16"     |                  | 119397     | 0.6 |                |                  |              |
|              | 1"         |                  | 119398     | 0.6 |                |                  |              |
|              | 1-1/16"    |                  | 119399     | 0.6 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/8"     |                  | 119400     | 0.6 |                |                  |              |
|              | 1-3/16"    |                  | 119401     | 0.6 |                |                  |              |
|              | 1-1/4"     |                  | 119402     | 0.6 |                |                  |              |
|              | 1-5/16" #  |                  | 119403     | 0.6 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/8" #   |                  | 119404     | 0.6 |                |                  |              |
| 1610         | 1-7/16" +  |                  | 119438     | 0.6 | 3/8 x 1/8      | 3/8 x 3/16       | 3/8 x 5/16 Δ |
|              | 14MM       |                  | 119656     | 0.7 | 5 x 2.3MM      | 5 x 5.3MM        | 5 x 5MM      |
|              | 16MM       |                  | 119657     | 0.7 |                |                  |              |
|              | 18MM       |                  | 119658     | 0.7 |                |                  |              |
|              | 19MM       |                  | 119572     | 0.7 | 6 x 2.8MM      | 6 x 3.5MM        | 6 x 6MM      |
|              | 20MM       |                  | 119659     | 0.6 |                |                  |              |
|              | 22MM       |                  | 119660     | 0.6 |                |                  |              |
|              | 24MM       |                  | 119591     | 0.6 |                |                  |              |
|              | 25MM       |                  | 119592     | 0.5 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 28MM       |                  | 119593     | 0.5 |                |                  |              |
|              | 30MM       |                  | 119594     | 0.5 |                |                  |              |
|              | 32MM       |                  | 119595     | 0.4 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 35MM       |                  | 119596     | 0.4 |                |                  |              |
|              | 1/2"       |                  | 119211     | 0.9 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"      |                  | 119212     | 0.9 |                |                  |              |
| 1610         | 5/8"       | 119213           | 117081     | 0.9 |                |                  |              |
|              | 11/16"     |                  | 119214     | 0.9 |                |                  |              |
|              | 3/4"       | 119215           | 117158     | 0.9 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 13/16"     |                  | 119216     | 0.9 |                |                  |              |
|              | 7/8"       | 119217           | 117082     | 0.8 |                |                  |              |
|              | 15/16"     |                  | 117083     | 0.8 |                |                  |              |
|              | 1"         | 119219           | 117159     | 0.8 |                |                  |              |
|              | 1-1/16"    |                  | 119220     | 0.8 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/8"     | 119221           | 117084     | 0.7 |                |                  |              |
|              | 1-3/16"    | 119222           | 117160     | 0.7 |                |                  |              |
|              | 1-1/4"     | 119223           | 117161     | 0.7 |                |                  |              |
|              | 1-5/16"    |                  | 119224     | 0.6 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/8"     | 119225           | 117085     | 0.6 |                |                  |              |
|              | 1-7/16"    | 119226           | 117162     | 0.6 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-1/2"     | 119227           | 117163     | 0.5 |                |                  |              |
| 1610         | 1-9/16" #  |                  | 119228     | 0.5 |                |                  |              |
|              | 1-5/8" #   | 119229           | 117086     | 0.5 | 3/8 x 1/8      | 3/8 x 3/16       | 3/8 x 5/16 Δ |
|              | 1-11/16" + |                  | 117071     | 0.5 |                |                  |              |
|              | 14MM       |                  | 119661     | 0.9 | 5 x 2.3MM      | 5 x 5.3MM        | 5 x 5MM      |
|              | 16MM       |                  | 119662     | 0.9 |                |                  |              |

PT Component  
Quick References

Couplings

Clutches and Brakes

FLEXIDYNE

Fluid Couplings

TORQUE-TAMER

Bushings

|                                     |                                 |                            |                            |
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| T-L FEATURES/BENEFITS<br>PAGE PT6-2 | T-L SPECIFICATION<br>PAGE PT6-3 | QD BUSHINGS<br>PAGE PT6-17 | GT BUSHINGS<br>PAGE PT6-29 |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|

## SPECIFICATION

## TAPER-LOCK Bushings - Stock Bore



| TL Bush Size | Bore       | P/N Integral Key | P/N Keyway | WT. | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|------------|------------------|------------|-----|----------------|------------------|--------------|
| 1610 (cont)  | 18MM       |                  | 119663     | 0.9 | 6 x 2.8MM      | 6 x 3.5MM        | 6 x 6MM      |
|              | 19MM       |                  | 119573     | 0.8 |                |                  |              |
|              | 20MM       |                  | 119598     | 0.8 |                |                  |              |
|              | 22MM       |                  | 119236     | 0.8 |                |                  |              |
|              | 24MM       |                  | 119599     | 0.8 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 25MM       |                  | 119600     | 0.7 |                |                  |              |
|              | 28MM       |                  | 119601     | 0.7 |                |                  |              |
|              | 30MM       |                  | 119602     | 0.7 |                |                  |              |
|              | 32MM       |                  | 119603     | 0.6 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 35MM       |                  | 119604     | 0.6 |                |                  |              |
|              | 38MM       |                  | 119605     | 0.5 |                |                  |              |
|              | 40MM       |                  | 119606     | 0.5 | 12 X 3.3MM     | 12 X 5MM         | 12 X 8MM     |
|              | 42MM +     |                  | 393002     | 0.5 |                |                  |              |
| 1615         | 1/2"       |                  | 119040     | 1.3 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"      |                  | 119041     | 1.3 |                |                  |              |
|              | 5/8"       |                  | 119042     | 1.3 |                |                  |              |
|              | 11/16"     |                  | 119043     | 1.2 |                |                  |              |
|              | 3/4"       |                  | 119044     | 1.2 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 13/16"     |                  | 119045     | 1.2 |                |                  |              |
|              | 7/8"       |                  | 119046     | 1.1 |                |                  |              |
|              | 15/16"     |                  | 119047     | 1.1 |                |                  |              |
|              | 1"         |                  | 119048     | 1.1 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/16"    |                  | 119049     | 1   |                |                  |              |
|              | 1-1/8"     |                  | 119050     | 1   |                |                  |              |
|              | 1-3/16"    |                  | 119051     | 1   |                |                  |              |
|              | 1-1/4"     |                  | 119052     | 0.9 |                |                  |              |
|              | 1-5/16"    |                  | 119053     | 0.8 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/8"     |                  | 119054     | 0.8 |                |                  |              |
|              | 1-7/16"    |                  | 119055     | 0.7 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-1/2"     |                  | 119056     | 0.7 |                |                  |              |
|              | 1-9/16" #  |                  | 119057     | 0.7 | 3/8 x 1/8      | 3/8 x 3/16       | 3/8 x 5/16 Δ |
|              | 1-5/8" #   |                  | 119058     | 0.6 |                |                  |              |
|              | 1-11/16" + |                  | 119068     | 0.6 |                |                  |              |
|              | 25MM       |                  | 119039     | 0.7 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 35MM       |                  | 119038     | 0.7 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
| 2012         | 1/2"       |                  | 119241     | 1.7 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"      |                  | 119242     | 1.7 |                |                  |              |
|              | 5/8"       |                  | 117087     | 1.7 |                |                  |              |
|              | 11/16"     |                  | 119244     | 1.7 |                |                  |              |
|              | 3/4"       |                  | 117088     | 1.7 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 13/16"     |                  | 119246     | 1.7 |                |                  |              |
|              | 7/8"       |                  | 117089     | 1.6 |                |                  |              |
|              | 15/16"     |                  | 119248     | 1.6 |                |                  |              |
|              | 1"         | 119249           | 117164     | 1.6 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/16"    |                  | 119250     | 1.6 |                |                  |              |
|              | 1-1/8"     |                  | 117090     | 1.5 |                |                  |              |
|              | 1-3/16"    | 119252           | 117165     | 1.5 |                |                  |              |
|              | 1-1/4"     | 119253           | 117166     | 1.4 |                |                  |              |
|              | 1-5/16"    |                  | 119254     | 1.3 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/8"     |                  | 117091     | 1.2 |                |                  |              |
|              | 1-7/16"    | 119256           | 117167     | 1.2 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-1/2"     | 119257           | 117168     | 1.2 |                |                  |              |
|              | 1-9/16"    |                  | 119258     | 1.2 |                |                  |              |
|              | 1-5/8"     |                  | 117092     | 1.2 |                |                  |              |
|              | 1-11/16"   |                  | 117093     | 1.1 |                |                  |              |
|              | 1-3/4"     |                  | 117094     | 1   |                |                  |              |
|              | 1-13/16"   |                  | 119262     | 1   |                |                  |              |
|              | 1-7/8"     |                  | 117095     | 0.9 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |

| TL Bush Size | Bore       | P/N Integral Key | P/N Keyway | WT. | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|------------|------------------|------------|-----|----------------|------------------|--------------|
| 2012 (cont)  | 1-15/16" # |                  | 117169     | 0.9 | 1/2 x 3/16     | 1/2 x 1/4        | 1/2 x 7/16 Δ |
|              | 2" #       |                  | 117170     | 0.9 |                |                  |              |
|              | 2-1/8" +   |                  | 117177     | 0.9 |                |                  |              |
|              | 14MM       |                  | 119664     | 1.7 | 5 x 2.3MM      | 5 x 5.3MM        | 5 x 5MM      |
|              | 16MM       |                  | 119665     | 1.7 |                |                  |              |
|              | 18MM       |                  | 119666     | 1.6 | 6 x 2.8MM      | 6 x 3.5MM        | 6 x 6MM      |
|              | 19MM       |                  | 119574     | 1.6 |                |                  |              |
|              | 20MM       |                  | 119607     | 1.6 |                |                  |              |
|              | 22MM       |                  | 119667     | 1.6 |                |                  |              |
|              | 24MM       |                  | 119608     | 1.5 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 25MM       |                  | 119609     | 1.5 |                |                  |              |
|              | 28MM       |                  | 119610     | 1.5 |                |                  |              |
|              | 30MM       |                  | 119611     | 1.4 |                |                  |              |
| 2517         | 32MM       |                  | 119612     | 1.4 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 35MM       |                  | 119613     | 1.3 |                |                  |              |
|              | 38MM       |                  | 119614     | 1.3 |                |                  |              |
|              | 40MM       |                  | 119615     | 1.2 | 12 X 3.3MM     | 12 X 5MM         | 12 X 8MM     |
|              | 42MM       |                  | 119616     | 1.1 |                |                  |              |
|              | 45MM       |                  | 119617     | 1   | 14 X 3.8MM     | 14 X 5.5MM       | 14 X 9MM     |
|              | 48MM       |                  | 119668     | 0.9 |                |                  |              |
|              | 1/2"       |                  | 119100     | 3.7 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 5/8"       |                  | 119102     | 3.6 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 11/16"     |                  | 119103     | 3.5 |                |                  |              |
|              | 3/4"       |                  | 119104     | 3.4 |                |                  |              |
|              | 13/16"     |                  | 119105     | 3.4 |                |                  |              |
|              | 7/8"       |                  | 119106     | 3.3 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 15/16"     |                  | 119107     | 3.3 |                |                  |              |
|              | 1"         |                  | 119108     | 3.3 |                |                  |              |
|              | 1-1/16"    |                  | 119109     | 3.2 |                |                  |              |
|              | 1-1/8"     |                  | 119110     | 3.2 |                |                  |              |
|              | 1-3/16"    |                  | 119111     | 3.2 |                |                  |              |
|              | 1-1/4"     |                  | 119112     | 3.2 |                |                  |              |
|              | 1-5/16"    |                  | 119113     | 3.1 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/8"     |                  | 119114     | 3.1 |                |                  |              |
|              | 1-7/16"    |                  | 119115     | 3   | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-1/2"     |                  | 119116     | 2.9 |                |                  |              |
|              | 1-9/16"    |                  | 119117     | 2.9 |                |                  |              |
|              | 1-5/8"     | 119144           | 119118     | 2.8 |                |                  |              |
|              | 1-11/16"   |                  | 119119     | 2.8 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 1-3/4"     |                  | 119120     | 2.7 |                |                  |              |
|              | 1-13/16"   |                  | 119121     | 2.6 |                |                  |              |
|              | 1-7/8"     |                  | 119122     | 2.5 |                |                  |              |
|              | 1-15/16"   |                  | 117173     | 2.4 | 6 x 2.8MM      | 6 x 3.5MM        | 6 x 6MM      |
|              | 2"         | 119123           | 117174     | 2.3 |                |                  |              |
|              | 2-1/16"    | 119124           | 119125     | 2.3 |                |                  |              |
|              | 2-1/8"     |                  | 117096     | 2.2 |                |                  |              |
|              | 2-3/16"    |                  | 117175     | 2.1 | 5/8 x 3/16     | 5/8 x 5/16       | 5/8 x 1/2 Δ  |
|              | 2-1/4"     |                  | 117097     | 2   |                |                  |              |
|              | 2-5/16"    |                  | 119129     | 1.9 |                |                  |              |
|              | 2-3/8"     |                  | 117098     | 1.9 |                |                  |              |
|              | 2-7/16" #  |                  | 117176     | 1.8 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 2-1/2" #   |                  | 117099     | 1.8 |                |                  |              |
|              | 2-5/8" +   |                  | 117111     | 1.8 |                |                  |              |
|              | 2-11/16" + |                  | 117115     | 1.8 |                |                  |              |
|              | 14MM       |                  | 119669     | 3.6 | 5 x 2.3MM      | 5 x 5.3MM        | 5 x 5MM      |
|              | 16MM       |                  | 119670     | 3.6 |                |                  |              |
|              | 18MM       |                  | 119671     | 3.5 | 6 x 2.8MM      | 6 x 3.5MM        | 6 x 6MM      |
|              | 19MM       |                  | 119672     | 3.4 |                |                  |              |
|              | 20MM       |                  | 119618     | 3.4 |                |                  |              |
|              | 22MM       |                  | 119619     | 3.3 |                |                  |              |
|              | 24MM       |                  | 119620     | 3.3 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 25MM       |                  | 119621     | 3.2 |                |                  |              |
|              | 28MM       |                  | 119622     | 3.1 |                |                  |              |
|              | 30MM       |                  | 119623     | 3.1 |                |                  |              |

Δ Key furnished for these sizes ONLY

+ These sizes are STEEL

# Refer to torque capacity ratings on page PT6-3. If service factor of 2.0 or greater is required consult DODGE

T-L FEATURES/BENEFITS  
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PAGE PT6-3QD BUSHINGS  
PAGE PT6-17GT BUSHINGS  
PAGE PT6-29

# SPECIFICATION



## TAPER-LOCK Bushings - Stock Bore

| TL Bush Size | Bore     | P/N Integral Key | P/N Keyway  | WT.            | Bushing Keyway   | Shaft Keyway REF | Key Size REF |             |            |
|--------------|----------|------------------|-------------|----------------|------------------|------------------|--------------|-------------|------------|
| 2517 (cont)  | 32MM     |                  | 119624      | 3              | 10 X 3.3MM       | 10 X 5MM         | 10 X 8MM     |             |            |
|              | 35MM     |                  | 119625      | 2.9            |                  |                  |              |             |            |
|              | 38MM     |                  | 119626      | 2.9            |                  |                  |              |             |            |
|              | 40MM     |                  | 119627      | 2.8            | 12 X 3.3MM       | 12 X 5MM         | 12 X 8MM     |             |            |
|              | 42MM     |                  | 119628      | 2.6            |                  |                  |              |             |            |
|              | 45MM     |                  | 119629      | 2.5            |                  |                  |              |             |            |
|              | 48MM     |                  | 119630      | 2.4            | 14 X 3.8MM       | 14 X 5.5MM       | 14 X 9MM     |             |            |
|              | 50MM     |                  | 119640      | 2.3            |                  |                  |              |             |            |
|              | 55MM     |                  | 119641      | 2              |                  |                  |              |             |            |
| 60MM         |          | 119642           | 1.7         | 18 X 4.4MM     | 18 X 7MM         | 18 X 11MM        |              |             |            |
| 65MM         |          | 119643           | 1.4         |                |                  |                  |              |             |            |
|              |          |                  |             |                |                  |                  |              |             |            |
| TL Bush Size | Bore     | P/N Keyway       | WT.         | Bushing Keyway | Shaft Keyway REF | Key Size REF     |              |             |            |
| 2525         | 3/4"     | 119304           | 4.9         | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16      |              |             |            |
|              | 7/8"     | 119306           | 4.8         |                |                  |                  |              |             |            |
|              | 15/16"   | 119307           | 4.8         |                |                  |                  | 1/4 x 1/8    | 1/4 x 1/8   | 1/4 x 1/4  |
|              | 1"       | 119308           | 4.8         |                |                  |                  |              |             |            |
|              | 1-1/8"   | 119310           | 4.6         |                |                  |                  |              |             |            |
|              | 1-3/16"  | 119311           | 4.5         |                |                  |                  |              |             |            |
|              | 1-1/4"   | 119312           | 4.4         |                |                  |                  |              |             |            |
|              | 1-3/8"   | 119314           | 4.2         | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16      |              |             |            |
|              | 1-7/16"  | 119315           | 4.2         | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8        |              |             |            |
|              | 1-1/2"   | 119316           | 4           |                |                  |                  |              |             |            |
|              | 1-5/8"   | 119318           | 3.8         |                |                  |                  |              |             |            |
|              | 1-11/16" | 119319           | 3.8         |                |                  |                  |              |             |            |
|              | 1-3/4"   | 119320           | 3.7         |                |                  |                  |              |             |            |
|              | 1-13/16" | 119321           | 3.2         | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2        |              |             |            |
|              | 1-7/8"   | 119322           | 3.4         |                |                  |                  |              |             |            |
|              | 1-15/16" | 119323           | 3.2         |                |                  |                  |              |             |            |
|              | 2"       | 119324           | 3.1         |                |                  |                  |              |             |            |
|              | 2-1/8"   | 119326           | 2.9         |                |                  |                  |              |             |            |
|              | 2-3/16"  | 119327           | 2.5         | 5/8 x 3/16     | 5/8 x 5/16       | 5/8 x 1/2 Δ      |              |             |            |
|              | 2-1/4"   | 119328           | 2.3         |                |                  |                  |              |             |            |
|              | 2-5/16"  | 119329           | 2           |                |                  |                  |              |             |            |
|              | 2-3/8"   | 119330           | 2           |                |                  |                  |              |             |            |
|              | 2-7/16"  | 119331           | 2           |                |                  |                  |              |             |            |
|              | 2-1/2"   | 119332           | 2           | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16      |              |             |            |
|              | 7/8"     | 117103           | 6.5         |                |                  |                  |              |             |            |
|              | 15/16"   | 117101           | 6.5         |                |                  |                  | 1/4 x 1/8    | 1/4 x 1/8   | 1/4 x 1/4  |
|              | 1"       | 117102           | 6.5         |                |                  |                  |              |             |            |
|              | 1-1/8"   | 117104           | 6.4         |                |                  |                  |              |             |            |
| 1-3/16"      | 117105   | 6.4              |             |                |                  |                  |              |             |            |
| 1-1/4"       | 117106   | 6.3              |             |                |                  |                  |              |             |            |
| 1-5/16"      | 117107   | 6.1              | 5/16 x 5/32 |                |                  |                  | 5/16 x 5/32  | 5/16 x 5/16 |            |
| 1-3/8"       | 117108   | 6                |             |                |                  |                  |              |             |            |
| 1-7/16"      | 117109   | 6                |             |                |                  |                  |              |             | 3/8 x 3/16 |
| 1-1/2"       | 117110   | 5.9              |             |                |                  |                  |              |             |            |
| 1-9/16"      | 117135   | 5.9              |             |                |                  |                  |              |             |            |
| 1-5/8"       | 117112   | 5.9              |             |                |                  |                  |              |             |            |
| 1-11/16"     | 117113   | 5.7              |             |                |                  |                  |              |             |            |
| 1-3/4"       | 117114   | 5.6              | 1/2 x 1/4   | 1/2 x 1/4      | 1/2 x 1/2        |                  |              |             |            |
| 1-13/16"     | 117136   | 5.5              |             |                |                  |                  |              |             |            |
| 1-7/8"       | 117116   | 5.4              |             |                |                  |                  |              |             |            |
| 1-15/16"     | 117117   | 5.3              |             |                |                  |                  |              |             |            |
| 2"           | 117118   | 5.2              |             |                |                  |                  |              |             |            |
| 2-1/16"      | 117119   | 5                |             |                |                  |                  |              |             |            |
| 2-1/8"       | 117120   | 5                |             |                |                  |                  |              |             |            |
| 2-3/16"      | 117121   | 4.9              | 1/2 x 1/4   | 1/2 x 1/4      | 1/2 x 1/2        |                  |              |             |            |
| 2-1/4"       | 117122   | 4.8              |             |                |                  |                  |              |             |            |

Δ Key furnished for these sizes ONLY

+ These sizes are STEEL

# Refer to torque capacity ratings on page PT6-3. If service factor of 2.0 or greater is required consult DODGE

| TL Bush Size | Bore       | P/N Keyway | WT. | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|------------|------------|-----|----------------|------------------|--------------|
| 3020 (cont)  | 2-5/16"    | 117137     | 4.6 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-3/8"     | 117124     | 4.5 |                |                  |              |
|              | 2-7/16"    | 117125     | 4.4 |                |                  |              |
|              | 2-1/2"     | 117126     | 4.3 |                |                  |              |
|              | 2-5/8"     | 117128     | 4   |                |                  |              |
|              | 2-11/16"   | 117129     | 3.9 | 3/4 x 1/4      | 3/4 x 3/8        | 3/4 x 5/8 Δ  |
|              | 2-3/4"     | 117130     | 3.7 |                |                  |              |
|              | 2-13/16"   | 117139     | 3.7 |                |                  |              |
|              | 2-7/8"     | 117132     | 3.6 |                |                  |              |
|              | 2-15/16" # | 117133     | 3.6 |                |                  |              |
|              | 3" #       | 117134     | 3.4 |                |                  |              |
|              | 3-1/8" +   | 117178     | 3.3 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 3-3/16" +  | 117179     | 3.3 |                |                  |              |
|              | 3-1/4" +   | 117180     | 3.3 |                |                  |              |
|              | 24MM       | 119673     | 6.5 |                |                  |              |
|              | 25MM       | 119674     | 6.5 |                |                  |              |
|              | 28MM       | 119675     | 6.4 |                |                  |              |
|              | 30MM       | 119676     | 6.4 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 32MM       | 119677     | 6.3 |                |                  |              |
|              | 35MM       | 119678     | 6   |                |                  |              |
|              | 38MM       | 119679     | 5.9 |                |                  |              |
|              | 40MM       | 119680     | 5.9 | 12 X 3.3MM     | 12 X 5MM         | 12 X 8MM     |
|              | 42MM       | 119681     | 5.8 |                |                  |              |
|              | 45MM       | 119682     | 5.6 |                |                  |              |
|              | 48MM       | 119644     | 5.5 |                |                  |              |
|              | 50MM       | 119645     | 5.2 |                |                  |              |
|              | 55MM       | 119646     | 5   | 14 X 3.8MM     | 14 X 5.5MM       | 14 X 9MM     |
|              | 60MM       | 119647     | 4.9 |                |                  |              |
|              | 65MM       | 119648     | 4.3 |                |                  |              |
|              | 70MM       | 119649     | 3.7 |                |                  |              |
|              | 75MM       | 119650     | 3.5 |                |                  |              |
|              | 80MM +     | 117721     | 4   | 16 X 4.3MM     | 16 X 6MM         | 16 X 10MM    |
|              | 15/16"     | 117004     | 10  |                |                  |              |
|              | 1"         | 117005     | 9.4 |                |                  |              |
|              | 1-1/8"     | 117007     | 9.4 |                |                  |              |
|              | 1-3/16"    | 117008     | 9.2 |                |                  |              |
| 3030         | 1-1/4"     | 117009     | 9   | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-5/16"    | 117010     | 8.9 |                |                  |              |
|              | 1-3/8"     | 117011     | 8.8 |                |                  |              |
|              | 1-7/16"    | 117012     | 8.6 |                |                  |              |
|              | 1-1/2"     | 117013     | 8.5 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-9/16"    | 117014     | 8.4 |                |                  |              |
|              | 1-5/8"     | 117015     | 8.2 |                |                  |              |
|              | 1-11/16"   | 117016     | 8   |                |                  |              |
|              | 1-3/4"     | 117017     | 7.8 |                |                  |              |
|              | 1-13/16"   | 117018     | 7.6 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-7/8"     | 117019     | 7.5 |                |                  |              |
|              | 1-15/16"   | 117020     | 7.4 |                |                  |              |
|              | 2"         | 117021     | 7.3 |                |                  |              |
|              | 2-1/16"    | 117022     | 7.2 |                |                  |              |
|              | 2-1/8"     | 117023     | 7.1 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 2-3/16"    | 117024     | 6.9 |                |                  |              |
|              | 2-1/4"     | 117025     | 6.7 |                |                  |              |
|              | 2-5/16"    | 117026     | 6.6 |                |                  |              |
|              | 2-3/8"     | 117027     | 6.4 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-7/16"    | 117028     | 6.2 |                |                  |              |
|              | 2-1/2"     | 117029     | 6.1 |                |                  |              |
|              | 2-5/8"     | 117031     | 6   |                |                  |              |
|              | 2-11/16"   | 117032     | 5.9 |                |                  |              |
|              | 2-3/4"     | 117033     | 5.6 | 3/4 x 1/8      | 3/4 x 3/8        | 3/4 x 1/2 Δ  |
|              | 2-7/8"     | 117035     | 5.3 |                |                  |              |
|              | 2-15/16" # | 117036     | 5   |                |                  |              |
|              | 3" #       | 117037     | 4.9 |                |                  |              |
|              | 3-1/8" +   | 117181     | 4.7 |                |                  |              |
|              | 3-3/16" +  | 117182     | 4.7 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 3-1/4" +   | 117183     | 4.7 |                |                  |              |
|              | 28MM       | 119808     | 9.4 |                |                  |              |
|              | 32MM       | 119809     | 9   |                |                  |              |
|              | 38MM       | 119810     | 8.4 |                |                  |              |
|              | 48MM       | 119811     | 7.6 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 2-5/16"    | 117026     | 6.6 |                |                  |              |
|              | 2-3/8"     | 117027     | 6.4 |                |                  |              |
|              | 2-7/16"    | 117028     | 6.2 |                |                  |              |
|              | 2-1/2"     | 117029     | 6.1 |                |                  |              |
|              | 2-5/8"     | 117031     | 6   | 14 X 3.8MM     | 14 X 5.5MM       | 14 X 9MM     |
|              | 2-11/16"   | 117032     | 5.9 |                |                  |              |
|              | 2-3/4"     | 117033     | 5.6 |                |                  |              |
|              | 2-7/8"     | 117035     | 5.3 |                |                  |              |
|              | 2-15/16" # | 117036     | 5   |                |                  |              |
|              | 3" #       | 117037     | 4.9 | 3/4 x 1/4      | 3/4 x 3/8        | 3/4 x 5/8 Δ  |
|              | 3-1/8" +   | 117181     | 4.7 |                |                  |              |
|              | 3-3/16" +  | 117182     | 4.7 |                |                  |              |
|              | 3-1/4" +   | 117183     | 4.7 |                |                  |              |
|              | 28MM       | 119808     | 9.4 |                |                  |              |
|              | 32MM       | 119809     | 9   | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 38MM       | 119810     | 8.4 |                |                  |              |
|              | 48MM       | 119811     | 7.6 |                |                  |              |

|                                     |                                 |                            |                            |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|
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|-------------------------------------|---------------------------------|----------------------------|----------------------------|



## SPECIFICATION

## TAPER-LOCK Bushings - Stock Bore

| TL Bush Size | Bore       | P/N Keyway    | WT.  | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|------------|---------------|------|----------------|------------------|--------------|
| 3030 (cont)  | 55MM       | <b>119812</b> | 6.9  | 16 X 4.3MM     | 16 X 6MM         | 16 X 10MM    |
|              | 60MM       | <b>119813</b> | 6.4  | 18 X 4.4MM     | 18 X 7MM         | 18 X 11MM    |
|              | 80MM +     | <b>119895</b> | 4    | 22 X 5.4MM     | 22 X 9MM         | 22 X 14MM    |
|              | 1-3/16"    | <b>119702</b> | 16   | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/4"     | <b>119703</b> | 14.6 |                |                  |              |
|              | 1-5/16"    | <b>119791</b> | 14.6 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/8"     | <b>119704</b> | 14.3 |                |                  |              |
|              | 1-7/16"    | <b>119734</b> | 14.2 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-1/2"     | <b>119705</b> | 14   |                |                  |              |
|              | 1-9/16"    | <b>119792</b> | 14   |                |                  |              |
|              | 1-5/8"     | <b>119735</b> | 14   |                |                  |              |
|              | 1-11/16"   | <b>119706</b> | 13.9 |                |                  |              |
|              | 1-3/4"     | <b>119707</b> | 13.4 |                |                  |              |
|              | 1-13/16"   | <b>119793</b> | 13.3 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 1-7/8"     | <b>119708</b> | 13.2 |                |                  |              |
|              | 1-15/16"   | <b>119709</b> | 13   |                |                  |              |
|              | 2"         | <b>119710</b> | 13   |                |                  |              |
|              | 2-1/8"     | <b>119711</b> | 12.6 |                |                  |              |
| 3525         | 2-3/16"    | <b>119712</b> | 12.4 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-1/4"     | <b>119713</b> | 12.3 |                |                  |              |
|              | 2-5/16"    | <b>119736</b> | 12.2 |                |                  |              |
|              | 2-3/8"     | <b>119714</b> | 12   |                |                  |              |
|              | 2-7/16"    | <b>119715</b> | 11.7 |                |                  |              |
|              | 2-1/2"     | <b>119716</b> | 11.5 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|              | 2-9/16"    | <b>119795</b> | 11.4 |                |                  |              |
|              | 2-5/8"     | <b>119717</b> | 11.1 |                |                  |              |
|              | 2-11/16"   | <b>119718</b> | 10.7 |                |                  |              |
|              | 2-3/4"     | <b>119719</b> | 10.4 |                |                  |              |
|              | 2-13/16"   | <b>119796</b> | 10.3 | 7/8 x 1/8      | 7/8 x 7/16       | 7/8 x 9/16 Δ |
|              | 2-7/8"     | <b>119720</b> | 10.1 |                |                  |              |
|              | 2-15/16"   | <b>119721</b> | 10.5 |                |                  |              |
|              | 3"         | <b>119722</b> | 9.5  |                |                  |              |
|              | 3-1/16"    | <b>119797</b> | 9.4  |                |                  |              |
|              | 3-1/8"     | <b>119723</b> | 9.3  | 7/8 x 3/16     | 7/8 x 7/16       | 7/8 x 5/8 Δ  |
|              | 3-3/16"    | <b>119724</b> | 8.6  |                |                  |              |
|              | 3-1/4"     | <b>119725</b> | 8.8  |                |                  |              |
|              | 3-5/16"    | <b>119737</b> | 8.6  |                |                  |              |
|              | 3-3/8"     | <b>119726</b> | 8.5  |                |                  |              |
|              | 3-7/16"    | <b>119727</b> | 8.2  | 1 x 1/4        | 1 x 1/2          | 1 x 3/4 Δ    |
|              | 3-1/2"     | <b>119728</b> | 8    |                |                  |              |
|              | 3-9/16"    | <b>119798</b> | 8    |                |                  |              |
|              | 3-5/8" #   | <b>119729</b> | 7.9  |                |                  |              |
|              | 3-11/16" # | <b>119730</b> | 7.9  |                |                  |              |
| 3535         | 3-3/4" #   | <b>119731</b> | 7.9  | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 3-13/16" # | <b>119799</b> | 7.9  |                |                  |              |
|              | 3-7/8" #   | <b>119732</b> | 7.9  |                |                  |              |
|              | 3-15/16" # | <b>119733</b> | 7.9  |                |                  |              |
|              | 1-3/16"    | <b>117207</b> | 15.2 |                |                  |              |
|              | 1-1/4"     | <b>117208</b> | 14.9 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-3/8"     | <b>117209</b> | 14.8 |                |                  |              |
|              | 1-7/16"    | <b>117210</b> | 14.6 |                |                  |              |
|              | 1-1/2"     | <b>117211</b> | 14.4 |                |                  |              |
|              | 1-5/8"     | <b>117212</b> | 14.1 |                |                  |              |
|              | 1-11/16"   | <b>117213</b> | 14   | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 1-3/4"     | <b>117214</b> | 14   |                |                  |              |
|              | 1-7/8"     | <b>117215</b> | 13.6 |                |                  |              |
|              | 1-15/16"   | <b>117216</b> | 13.4 |                |                  |              |
|              | 2"         | <b>117217</b> | 13.1 |                |                  |              |
|              | 2-1/8"     | <b>117218</b> | 12.6 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 2-3/16"    | <b>117219</b> | 12.4 |                |                  |              |
|              | 2-1/4"     | <b>117220</b> | 12.2 |                |                  |              |

| TL Bush Size | Bore       | P/N Keyway    | WT.  | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|------------|---------------|------|----------------|------------------|--------------|
|              | 2-5/16"    | <b>117237</b> | 12   | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-3/8"     | <b>117221</b> | 11.7 |                |                  |              |
|              | 2-7/16"    | <b>117222</b> | 11.7 |                |                  |              |
|              | 2-1/2"     | <b>117223</b> | 11   |                |                  |              |
|              | 2-5/8"     | <b>117224</b> | 10.9 |                |                  |              |
|              | 2-11/16"   | <b>117225</b> | 10.7 |                |                  |              |
|              | 2-3/4"     | <b>117226</b> | 10   | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|              | 2-7/8"     | <b>117227</b> | 9.8  |                |                  |              |
|              | 2-15/16"   | <b>117228</b> | 9.7  |                |                  |              |
|              | 3"         | <b>117229</b> | 9.2  |                |                  |              |
|              | 3-1/8"     | <b>117230</b> | 9.2  |                |                  |              |
|              | 3-3/16"    | <b>117231</b> | 8.8  |                |                  |              |
| 3535 (cont)  | 3-1/4"     | <b>117232</b> | 8.7  | 7/8 x 1/8      | 7/8 x 7/16       | 7/8 x 9/16 Δ |
|              | 3-5/16"    | <b>117236</b> | 8.6  |                |                  |              |
|              | 3-3/8"     | <b>117233</b> | 8.7  |                |                  |              |
|              | 3-7/16"    | <b>117234</b> | 8.3  |                |                  |              |
|              | 3-1/2"     | <b>117235</b> | 8    |                |                  |              |
|              | 3-5/8" #   | <b>117707</b> | 7.1  |                |                  |              |
|              | 3-11/16" # | <b>117708</b> | 6.8  | 1 x 1/4        | 1 x 1/2          | 1 x 3/4 Δ    |
|              | 3-3/4" #   | <b>117709</b> | 6.4  |                |                  |              |
|              | 3-7/8" #   | <b>117710</b> | 6    |                |                  |              |
|              | 3-15/16" # | <b>117703</b> | 5.6  |                |                  |              |
|              | 32MM       | <b>119814</b> | 14.6 |                |                  |              |
|              | 38MM       | <b>119815</b> | 14   | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 48MM       | <b>119816</b> | 13.2 |                |                  |              |
|              | 50MM       | <b>117738</b> | 13   |                |                  |              |
|              | 55MM       | <b>119817</b> | 11.1 |                |                  |              |
|              | 60MM       | <b>119683</b> | 11.1 |                |                  |              |
|              | 65MM       | <b>117737</b> | 11   |                |                  |              |
|              | 75MM       | <b>117722</b> | 10   | 16 X 4.3MM     | 16 X 6MM         | 16 X 10MM    |
|              | 80MM       | <b>117297</b> | 10   |                |                  |              |
|              | 85MM       | <b>393170</b> | 10   |                |                  |              |
|              | 90MM       | <b>426013</b> | 10   |                |                  |              |
|              | 95MM       | <b>426013</b> | 10   |                |                  |              |
|              | 1-7/16"    | <b>119738</b> | 24   | 18 X 4.4MM     | 18 X 7MM         | 18 X 11MM    |
|              | 1-1/2"     | <b>119739</b> | 22   |                |                  |              |
|              | 1-9/16"    | <b>119770</b> | 21.9 |                |                  |              |
|              | 1-5/8"     | <b>119740</b> | 21.8 |                |                  |              |
|              | 1-11/16"   | <b>119771</b> | 21.5 |                |                  |              |
|              | 1-3/4"     | <b>119772</b> | 21.2 | 20 X 4.9MM     | 20 X 7.5MM       | 20 X 12MM    |
|              | 1-13/16"   | <b>119773</b> | 21   |                |                  |              |
|              | 1-7/8"     | <b>119774</b> | 20.9 |                |                  |              |
|              | 1-15/16"   | <b>119775</b> | 20.7 |                |                  |              |
|              | 2"         | <b>119741</b> | 20.6 |                |                  |              |
|              | 2-1/16"    | <b>119776</b> | 20.6 | 22 X 5.4MM     | 22 X 9MM         | 22 X 14MM    |
| 4030         | 2-1/8"     | <b>119742</b> | 20.7 |                |                  |              |
|              | 2-3/16"    | <b>119743</b> | 20.4 |                |                  |              |
|              | 2-1/4"     | <b>119744</b> | 20.1 |                |                  |              |
|              | 2-5/16"    | <b>119777</b> | 20   | 25 X 5.4MM     | 25 X 9MM         | 25 X 14MM    |
|              | 2-3/8"     | <b>119745</b> | 19.5 |                |                  |              |
|              | 2-7/16"    | <b>119746</b> | 19.3 |                |                  |              |
|              | 2-1/2"     | <b>119778</b> | 19.2 |                |                  |              |
|              | 2-9/16"    | <b>119779</b> | 19.1 |                |                  |              |
|              | 2-5/8"     | <b>119747</b> | 19   |                |                  |              |
|              | 2-11/16"   | <b>119780</b> | 18.4 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-3/4"     | <b>119748</b> | 17.7 |                |                  |              |
|              | 2-13/16"   | <b>119781</b> | 17.5 |                |                  |              |
|              | 2-7/8"     | <b>119749</b> | 17.2 |                |                  |              |
|              | 2-15/16"   | <b>119750</b> | 17.2 |                |                  |              |
|              | 3"         | <b>119751</b> | 17   | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|              | 3-1/16"    | <b>119782</b> | 16.8 |                |                  |              |
|              | 3-1/8"     | <b>119752</b> | 16.5 |                |                  |              |
|              | 3-3/16"    | <b>119783</b> | 15.9 |                |                  |              |
|              | 3-1/4"     | <b>119753</b> | 15.4 |                |                  |              |

Δ Key furnished for these sizes ONLY

+ These sizes are STEEL

# Refer to torque capacity ratings on page PT6-3. If service factor of 2.0 or greater is required consult DODGE

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# SPECIFICATION



## TAPER-LOCK Bushings - Stock Bore

| TL Bush Size | Bore      | P/N Keyway    | WT.  | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|-----------|---------------|------|----------------|------------------|--------------|
| 4030 (cont)  | 3-5/16"   | <b>119784</b> | 14.9 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8    |
|              | 3-3/8"    | <b>119754</b> | 14.6 |                |                  |              |
|              | 3-7/16"   | <b>119755</b> | 14.1 |                |                  |              |
|              | 3-1/2"    | <b>119756</b> | 13.4 |                |                  |              |
|              | 3-9/16"   | <b>119785</b> | 13.3 |                |                  |              |
|              | 3-5/8"    | <b>119757</b> | 13.2 |                |                  |              |
|              | 3-11/16"  | <b>119786</b> | 13   |                |                  |              |
|              | 3-3/4"    | <b>119758</b> | 12.7 | 7/8 x 3/16     | 7/8 x 7/16       | 7/8 x 5/8 Δ  |
|              | 3-13/16"  | <b>119787</b> | 12.7 | 1 x 1/2        | 1 x 1/2          | 1 x 1        |
|              | 3-7/8"    | <b>119759</b> | 12.6 | 1 x 1/4        | 1 x 1/2          | 1 x 3/4 Δ    |
|              | 3-15/16"  | <b>119760</b> | 12.6 |                |                  |              |
|              | 4"        | <b>119761</b> | 12.6 |                |                  |              |
|              | 4-1/8" #  | <b>119788</b> | 12.6 |                |                  |              |
|              | 4-3/16" # | <b>119762</b> | 12.6 |                |                  |              |
|              | 4-1/4" #  | <b>119763</b> | 12.6 |                |                  |              |
|              | 4-3/8" #  | <b>119764</b> | 12.6 |                |                  |              |
|              | 4-7/16" # | <b>119765</b> | 11.8 |                |                  |              |
| 4040         | 1-7/16"   | <b>117310</b> | 24   | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-1/2"    | <b>117311</b> | 22   |                |                  |              |
|              | 1-5/8"    | <b>117312</b> | 22   |                |                  |              |
|              | 1-11/16"  | <b>117313</b> | 21.9 |                |                  |              |
|              | 1-3/4"    | <b>117314</b> | 21.9 |                |                  |              |
|              | 1-7/8"    | <b>117315</b> | 21   | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 1-15/16"  | <b>117316</b> | 21.2 |                |                  |              |
|              | 2"        | <b>117317</b> | 21.1 |                |                  |              |
|              | 2-1/8"    | <b>117318</b> | 20.6 |                |                  |              |
|              | 2-3/16"   | <b>117319</b> | 20.3 |                |                  |              |
|              | 2-1/4"    | <b>117320</b> | 20.2 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-3/8"    | <b>117321</b> | 19.6 |                |                  |              |
|              | 2-7/16"   | <b>117322</b> | 19.3 |                |                  |              |
|              | 2-1/2"    | <b>117323</b> | 18.8 |                |                  |              |
|              | 2-5/8"    | <b>117324</b> | 18.7 |                |                  |              |
|              | 2-11/16"  | <b>117325</b> | 18.3 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|              | 2-3/4"    | <b>117326</b> | 18.2 |                |                  |              |
|              | 2-13/16"  | <b>117267</b> | 17.8 |                |                  |              |
|              | 2-7/8"    | <b>117327</b> | 17.5 |                |                  |              |
|              | 2-15/16"  | <b>117328</b> | 17.2 |                |                  |              |
|              | 3"        | <b>117329</b> | 16.8 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8    |
|              | 3-1/8"    | <b>117330</b> | 16.2 |                |                  |              |
|              | 3-3/16"   | <b>117331</b> | 15.8 |                |                  |              |
|              | 3-1/4"    | <b>117332</b> | 15.5 |                |                  |              |
|              | 3-3/8"    | <b>117333</b> | 14.8 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8    |
|              | 3-7/16"   | <b>117334</b> | 14.4 |                |                  |              |
|              | 3-1/2"    | <b>117335</b> | 14   |                |                  |              |
|              | 3-5/8"    | <b>117337</b> | 13.5 |                |                  |              |
|              | 3-11/16"  | <b>117340</b> | 13.5 | 7/8 x 3/16     | 7/8 x 7/16       | 7/8 x 5/8 Δ  |
|              | 3-3/4"    | <b>117336</b> | 13.5 |                |                  |              |
|              | 3-7/8"    | <b>117341</b> | 12.9 |                |                  |              |
|              | 3-15/16"  | <b>117338</b> | 12.5 |                |                  |              |
|              | 4"        | <b>117352</b> | 12   | 1 x 1/4        | 1 x 1/2          | 1 x 3/4 Δ    |
|              | 4-1/8" #  | <b>117714</b> | 11.2 |                |                  |              |
|              | 4-3/16" # | <b>117715</b> | 10.7 |                |                  |              |
|              | 4-1/4" #  | <b>117716</b> | 10.3 |                |                  |              |
|              | 4-3/8" #  | <b>117717</b> | 9.5  |                |                  |              |
|              | 4-7/16" # | <b>117704</b> | 8.9  | 25 X 5.4MM     | 25 X 9MM         | 25 x 14MM    |
|              | 48MM      | <b>119818</b> | 21   |                |                  |              |
|              | 55MM      | <b>119819</b> | 20.4 |                |                  |              |
|              | 60MM      | <b>119820</b> | 19.5 |                |                  |              |
|              | 75MM      | <b>117723</b> | 10   |                |                  |              |
|              | 80MM      | <b>117724</b> | 10   | 28 X 6.4MM     | 28 X 10MM        | 28 X 16MM    |
|              | 90MM      | <b>117726</b> | 10   |                |                  |              |
|              | 95MM      | <b>117725</b> | 10   |                |                  |              |
|              | 100MM     | <b>117729</b> | 10   |                |                  |              |

Δ Key furnished for these sizes ONLY

+ These sizes are STEEL

# Refer to torque capacity ratings on page PT6-3. If service factor of 2.0 or greater is required consult DODGE

| TL Bush Size | Bore       | P/N Keyway    | WT.  | Bushing Keyway | Shaft Keyway REF | Key Size REF  |
|--------------|------------|---------------|------|----------------|------------------|---------------|
| 4535         | 1-15/16"   | <b>114765</b> | 31   | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2     |
|              | 2"         | <b>114766</b> | 29.7 |                |                  |               |
|              | 2-1/16"    | <b>114767</b> | 29.5 |                |                  |               |
|              | 2-1/8"     | <b>114768</b> | 29.3 |                |                  |               |
|              | 2-3/16"    | <b>114769</b> | 29   |                |                  |               |
|              | 2-1/4"     | <b>114770</b> | 28.8 |                |                  |               |
|              | 2-5/16"    | <b>114771</b> | 28.6 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8     |
|              | 2-3/8"     | <b>114772</b> | 27.4 |                |                  |               |
|              | 2-7/16"    | <b>114773</b> | 28   |                |                  |               |
|              | 2-1/2"     | <b>114774</b> | 26.7 |                |                  |               |
|              | 2-9/16"    | <b>114775</b> | 26.4 |                |                  |               |
|              | 2-5/8"     | <b>114776</b> | 25.9 |                |                  |               |
|              | 2-11/16"   | <b>114777</b> | 25.4 |                |                  |               |
|              | 2-3/4"     | <b>114778</b> | 25   | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4     |
|              | 2-13/16"   | <b>114779</b> | 24.9 |                |                  |               |
|              | 2-7/8"     | <b>114780</b> | 24.8 |                |                  |               |
|              | 2-15/16"   | <b>114781</b> | 24.2 |                |                  |               |
|              | 3"         | <b>114782</b> | 24.2 |                |                  |               |
|              | 3-1/16"    | <b>114783</b> | 24.2 |                |                  |               |
|              | 3-1/8"     | <b>114784</b> | 24.1 |                |                  |               |
| 4545         | 3-3/16"    | <b>114785</b> | 23.8 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8     |
|              | 3-1/4"     | <b>114786</b> | 23.1 |                |                  |               |
|              | 3-5/16"    | <b>114787</b> | 22.7 |                |                  |               |
|              | 3-3/8"     | <b>114788</b> | 22.4 |                |                  |               |
|              | 3-7/16"    | <b>114789</b> | 21.5 |                |                  |               |
|              | 3-1/2"     | <b>114790</b> | 21.3 |                |                  |               |
|              | 3-9/16"    | <b>114791</b> | 21.1 |                |                  |               |
|              | 3-5/8"     | <b>114792</b> | 21   | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 3-11/16"   | <b>114793</b> | 20.3 |                |                  |               |
|              | 3-3/4"     | <b>114794</b> | 19.9 |                |                  |               |
|              | 3-13/16"   | <b>114795</b> | 19.6 |                |                  |               |
|              | 3-7/8"     | <b>114796</b> | 19.3 |                |                  |               |
|              | 3-15/16"   | <b>114797</b> | 18.9 |                |                  |               |
|              | 4"         | <b>114798</b> | 18.7 |                |                  |               |
|              | 4-1/8"     | <b>114799</b> | 18.6 | 1 x 1/4        | 1 x 1/2          | 1 x 3/4 Δ     |
|              | 4-3/16"    | <b>114800</b> | 18.5 |                |                  |               |
|              | 4-1/4"     | <b>114801</b> | 17.8 |                |                  |               |
|              | 4-3/8"     | <b>114802</b> | 16.8 |                |                  |               |
|              | 4-7/16"    | <b>114803</b> | 15.4 |                |                  |               |
|              | 4-1/2"     | <b>114804</b> | 15.3 |                |                  |               |
|              | 4-3/4" #   | <b>114805</b> | 15.2 | 1-1/4 x 1/4    | 1-1/4 x 5/8      | 1-1/4 x 7/8 Δ |
|              | 4-7/8" #   | <b>114806</b> | 15.1 |                |                  |               |
|              | 4-15/16" # | <b>114807</b> | 14.9 |                |                  |               |
| 4545         | 1-15/16"   | <b>117416</b> | 29.9 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2     |
|              | 2"         | <b>117417</b> | 29.8 |                |                  |               |
|              | 2-1/8"     | <b>117849</b> | 29.8 |                |                  |               |
|              | 2-3/16"    | <b>117419</b> | 29   |                |                  |               |
|              | 2-3/8"     | <b>117421</b> | 28.2 |                |                  |               |
|              | 2-7/16"    | <b>117422</b> | 27.9 |                |                  |               |
|              | 2-1/2"     | <b>117850</b> | 27.5 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8     |
|              | 2-5/8"     | <b>117424</b> | 27   |                |                  |               |
|              | 2-3/4"     | <b>117426</b> | 26.5 |                |                  |               |
|              | 2-7/8"     | <b>117427</b> | 25.7 |                |                  |               |
|              | 2-15/16"   | <b>117428</b> | 25.3 |                |                  |               |
|              | 3"         | <b>117429</b> | 25.2 |                |                  |               |
|              | 3-1/8"     | <b>117430</b> | 24.3 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8     |
|              | 3-3/16"    | <b>117431</b> | 24.2 |                |                  |               |
|              | 3-1/4"     | <b>117432</b> | 23.9 |                |                  |               |
|              | 3-3/8"     | <b>117433</b> | 22.8 |                |                  |               |
|              | 3-7/16"    | <b>117434</b> | 22.6 |                |                  |               |
|              | 3-1/2"     | <b>117435</b> | 22.1 |                |                  |               |
|              | 3-5/8"     | <b>117413</b> | 21.2 | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 3-3/4"     | <b>117436</b> | 20.3 |                |                  |               |
|              | 3-7/8"     | <b>117437</b> | 19.5 |                |                  |               |
|              | 3-15/16"   | <b>117438</b> | 19   |                |                  |               |
|              | 4"         | <b>117439</b> | 18.6 |                |                  |               |
|              | 4-1/8"     | <b>117444</b> | 17.5 |                |                  |               |
|              | 4-3/16"    | <b>117443</b> | 17.1 | 1 x 1/4        | 1 x 1/2          | 1 x 3/4       |
|              | 4-1/4"     | <b>117441</b> | 17   |                |                  |               |
|              | 4-3/8"     | <b>117442</b> | 16.9 |                |                  |               |

|                                     |                                 |                            |                            |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|
| T-L FEATURES/BENEFITS<br>PAGE PT6-2 | T-L SPECIFICATION<br>PAGE PT6-3 | QD BUSHINGS<br>PAGE PT6-17 | GT BUSHINGS<br>PAGE PT6-29 |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|

## SPECIFICATION

## TAPER-LOCK Bushings - Stock Bore



| TL Bush Size | Bore       | P/N Keyway | WT.  | Bushing Keyway | Shaft Keyway REF | Key Size REF  |
|--------------|------------|------------|------|----------------|------------------|---------------|
| 4545 (cont)  | 4-7/16"    | 117440     | 16.5 |                |                  |               |
|              | 4-1/2"     | 117447     | 15.9 | 1 x 1/4        | 1 x 1/2          | 1 x 3/4 Δ     |
|              | 4-3/4" #   | 117718     | 13.9 |                |                  |               |
|              | 4-7/8" #   | 117719     | 12.9 | 1-1/4 x 1/4    | 1-1/4 x 5/8      | 1-1/4 x 7/8 Δ |
|              | 4-15/16" # | 117705     | 12.5 |                |                  |               |
| 5040         | 2-7/16"    | 114865     | 39.5 |                |                  |               |
|              | 2-1/2"     | 114866     | 38.3 |                |                  |               |
|              | 2-9/16"    | 114867     | 37.7 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8     |
|              | 2-5/8"     | 114868     | 37.1 |                |                  |               |
|              | 2-11/16"   | 114869     | 36.9 |                |                  |               |
|              | 2-3/4"     | 114870     | 36.6 |                |                  |               |
|              | 2-13/16"   | 114871     | 36.5 |                |                  |               |
|              | 2-7/8"     | 114872     | 36.4 |                |                  |               |
|              | 2-15/16"   | 114873     | 36.2 |                |                  |               |
|              | 3"         | 114874     | 35.6 |                |                  |               |
|              | 3-1/16"    | 114875     | 35.2 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4     |
|              | 3-1/8"     | 114876     | 34.8 |                |                  |               |
|              | 3-3/16"    | 114877     | 33.9 |                |                  |               |
|              | 3-1/4"     | 114878     | 33.2 |                |                  |               |
|              | 3-5/16"    | 114879     | 33   |                |                  |               |
|              | 3-3/8"     | 114880     | 32.7 |                |                  |               |
|              | 3-7/16"    | 114881     | 32   |                |                  |               |
|              | 3-1/2"     | 114882     | 31.7 |                |                  |               |
|              | 3-9/16"    | 114883     | 31.4 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8     |
|              | 3-5/8"     | 114884     | 31.1 |                |                  |               |
|              | 3-11/16"   | 114885     | 30.4 |                |                  |               |
|              | 3-3/4"     | 114886     | 29.7 |                |                  |               |
|              | 3-13/16"   | 114887     | 29.4 |                |                  |               |
|              | 3-7/8"     | 114888     | 29   |                |                  |               |
|              | 3-15/16"   | 114889     | 28.7 |                |                  |               |
|              | 4"         | 114890     | 27.8 |                |                  |               |
|              | 4-1/8"     | 114891     | 27.5 |                |                  |               |
|              | 4-3/16"    | 114892     | 27.2 | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 4-1/4"     | 114893     | 27   |                |                  |               |
|              | 4-3/8"     | 114894     | 26   |                |                  |               |
|              | 4-7/16"    | 114895     | 25.1 |                |                  |               |
|              | 4-1/2"     | 114896     | 23.6 |                |                  |               |
|              | 4-3/4"     | 114897     | 22.9 |                |                  |               |
|              | 4-7/8"     | 114898     | 22.2 |                |                  |               |
|              | 4-15/16"   | 114899     | 20.6 | 1-1/4 x 1/4    | 1-1/4 x 5/8      | 1-1/4 x 7/8 Δ |
|              | 5"         | 114900     | 20.5 |                |                  |               |
| 5050         | 2-7/16"    | 117458     | 39   | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8     |
|              | 2-11/16"   | 117450     | 37.4 |                |                  |               |
|              | 2-15/16"   | 117459     | 36   | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4     |
|              | 3-3/8"     | 117452     | 33   |                |                  |               |
|              | 3-7/16"    | 117460     | 32.6 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8     |
|              | 3-5/8"     | 117453     | 31.2 |                |                  |               |
|              | 3-7/8"     | 117454     | 29.3 |                |                  |               |
|              | 3-15/16"   | 117461     | 28.6 |                |                  |               |
|              | 4"         | 117466     | 28.3 |                |                  |               |
|              | 4-1/4"     | 117465     | 26.2 | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 4-3/8"     | 117469     | 25   |                |                  |               |
|              | 4-7/16"    | 117462     | 24.4 |                |                  |               |
|              | 4-1/2"     | 117467     | 23.9 |                |                  |               |
|              | 4-5/8"     | 117734     | 23   |                |                  |               |
|              | 4-7/8"     | 117468     | 22.3 | 1-1/4 x 1/4    | 1-1/4 x 5/8      | 1-1/4 x 7/8 Δ |
|              | 4-15/16"   | 117463     | 21.4 |                |                  |               |
|              | 5"         | 117464     | 20.9 |                |                  |               |
|              | 110MM      | 117736     | 26.2 | 28 X 6.4MM     | 28 X 10MM        | 28 X 16MM     |
| 6050         | 4-7/16"    | 117474     | 63.6 | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 4-15/16"   | 117473     | 58.2 |                |                  |               |
|              | 5-7/16"    | 117475     | 52.3 | 1-1/4 x 5/8    | 1-1/4 x 5/8      | 1-1/4 x 1-1/4 |
|              | 5-15/16"   | 117476     | 57.2 |                |                  |               |
|              | 6"         | 117477     | 46.4 | 1-1/2 x 3/4    | 1-1/2 x 3/4      | 1-1/2 x 1-1/2 |

| TL Bush Size | Bore     | P/N Keyway | WT.   | Bushing Keyway | Shaft Keyway REF | Key Size REF  |
|--------------|----------|------------|-------|----------------|------------------|---------------|
| 7060         | 4-15/16" | 117490     | 92    |                |                  |               |
|              | 5-7/16"  | 117491     | 84.5  | 1-1/4 x 5/8    | 1-1/4 x 5/8      | 1-1/4 x 1-1/4 |
|              | 5-15/16" | 117492     | 78.2  |                |                  |               |
|              | 6"       | 117493     | 76.6  |                |                  |               |
|              | 6-7/16"  | 117494     | 68.1  | 1-1/2 x 3/4    | 1-1/2 x 3/4      | 1-1/2 x 1-1/2 |
| 8065         | 6-1/2"   | 117495     | 68.7  |                |                  |               |
|              | 6-15/16" | 117496     | 62.1  | 1-3/4 x 3/4    | 1-3/4 x 3/4      | 1-3/4 x 1-1/2 |
|              | 7" #     | 117497     | 60.6  |                |                  |               |
|              | 5-7/16"  | 117479     | 98.6  | 1-1/4 x 5/8    | 1-1/4 x 5/8      | 1-1/4 x 1-1/4 |
|              | 5-15/16" | 117480     | 105.7 |                |                  |               |
| 10085        | 6-7/16"  | 117481     | 102.3 | 1-1/2 x 3/4    | 1-1/2 x 3/4      | 1-1/2 x 1-1/2 |
|              | 6-1/2"   | 117482     | 101.8 |                |                  |               |
|              | 6-15/16" | 117488     | 92    |                |                  |               |
|              | 7"       | 117483     | 91.1  | 1-3/4 x 3/4    | 1-3/4 x 3/4      | 1-3/4 x 1-1/2 |
|              | 7-1/2"   | 117503     | 89.9  |                |                  |               |
| 120100       | 8" #     | 117484     | 89.9  | 2 x 3/4        | 2 x 3/4          | 2 x 1-1/2     |
|              | 7"       | 117486     | 245   | 1-3/4 x 3/4    | 1-3/4 x 3/4      | 1-3/4 x 1-1/2 |
|              | 8"       | 117485     | 219   |                |                  |               |
|              | 8-1/4"   | 117411     | 210   | 2 x 3/4        | 2 x 3/4          | 2 x 1-1/2     |
|              | 9"       | 117487     | 190   |                |                  |               |
| 120100       | 10"      | 117510     | 157.5 | 2-1/2 x 7/8    | 2-1/2 x 7/8      | 2-1/2 x 1-3/4 |
|              | 8"       | 117522     | 410   |                |                  |               |
|              | 8-1/2"   | 117523     | 395   | 2 x 3/4        | 2 x 3/4          | 2 x 1-1/2     |
|              | 9"       | 117520     | 380   |                |                  |               |
|              | 9-1/2"   | 117524     | 365   |                |                  |               |
|              | 10"      | 117521     | 350   | 2-1/2 x 7/8    | 2-1/2 x 7/8      | 2-1/2 x 1-3/4 |
|              | 10-1/2"  | 117525     | 335   |                |                  |               |
|              | 11"      | 117526     | 320   |                |                  |               |
| 120100       | 11-1/2"  | 117527     | 305   | 3 x 1          | 3 x 1            | 3 x 2         |
|              | 12" #    | 117508     | 290   |                |                  |               |

Δ Key furnished for these sizes ONLY

+ These sizes are STEEL

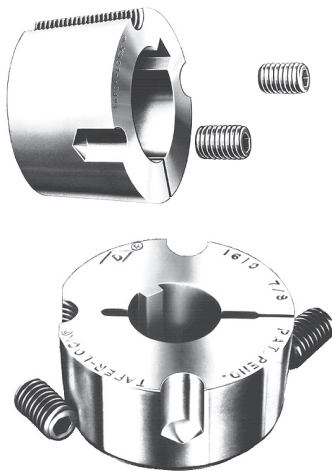
# Refer to torque capacity ratings on page PT6-3. If service factor of 2.0 or greater is required consult DODGE

|                                     |                                 |                            |                            |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|
| T-L FEATURES/BENEFITS<br>PAGE PT6-2 | T-L SPECIFICATION<br>PAGE PT6-3 | QD BUSHINGS<br>PAGE PT6-17 | GT BUSHINGS<br>PAGE PT6-29 |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|

# SPECIFICATION



## TAPER-LOCK Bushings - Reborable



### NOTE:

All reborable bushings are stocked without sawsplit to facilitate re-machining.  
Sawsplit must be made in bushing to allow it to compress for proper gripping of the shaft. Factory rebores and keyseat service as listed in MLP price book includes sawsplit

| TL Bush Size | Sintered Steel |        | Cast Iron |        | Ductile Iron |        | Steel   |        | Stainless Steel |        |
|--------------|----------------|--------|-----------|--------|--------------|--------|---------|--------|-----------------|--------|
|              | Bore           | P/N    | Bore      | P/N    | Bore         | P/N    | Bore    | P/N    | Bore            | P/N    |
| 1008         | 1/2"           | 119187 |           |        |              |        | 1/2"    | 119432 | 1/2"            | 119410 |
| 1108         | 1/2"           | 119361 |           |        |              |        | 1/2"    | 119433 | 1/2"            | 119411 |
| 1210         | 1/2"           | 119206 |           |        |              |        | 1/2"    | 119434 | 1/2"            | 119412 |
| 1215         | 1/2"           | 119023 |           |        |              |        | 1/2"    | 119435 | 1/2"            | 119413 |
| 1310         | 1/2"           | 119386 |           |        |              |        | 1/2"    | 119436 | 1/2"            | 119414 |
| 1610         | 1/2"           | 119209 |           |        |              |        | 1/2"    | 119421 | 1/2"            | 119415 |
| 1615         | 1/2"           | 119067 |           |        |              |        | 1/2"    | 119437 | 1/2"            | 119416 |
| 2012         | 1/2"           | 119272 |           |        |              |        | 1/2"    | 119422 | 1/2"            | 119417 |
| 2517         | 1/2"           | 119141 |           |        |              |        | 1"      | 119423 | 5/8"            | 119418 |
| 2525         |                |        |           |        |              |        | 1-7/16" | 119429 |                 |        |
| 3020         | 7/8"           | 117147 |           |        |              |        | 1-7/16" | 119430 | 7/8"            | 119419 |
| 3020         | 1-11/16"       | 117149 |           |        |              |        |         |        |                 |        |
| 3030         |                |        | 15/16"    | 117045 |              |        | 1-7/16" | 119431 |                 |        |
| 3525         |                |        | 1-3/16"   | 119700 | 1-3/16"      | 119701 |         |        |                 |        |
| 3535         |                |        | 1-3/16"   | 117250 | 1-7/16"      | 117205 |         |        |                 |        |
| 4030         |                |        | 1-7/16"   | 119789 | 1-15/16"     | 119790 |         |        |                 |        |
| 4040         |                |        | 1-7/16"   | 117345 | 1-15/16"     | 117307 |         |        |                 |        |
| 4535         |                |        | 1-15/16"  | 119766 | 2-7/16"      | 119767 |         |        |                 |        |
| 4545         |                |        | 1-15/16"  | 117448 | 2-7/16"      | 117414 |         |        |                 |        |
| 5040         |                |        | 2-7/16"   | 119768 | 2-15/16"     | 119769 |         |        |                 |        |
| 5050         |                |        | 2-7/16"   | 117451 | 2-15/16"     | 117455 |         |        |                 |        |
| 6050         |                |        | 3-7/16"   | 117472 | 3-7/16"      | 117471 |         |        |                 |        |
| 7060         |                |        | 3-15/16"  | 117498 | 3-15/16"     | 117505 |         |        |                 |        |
| 8065         |                |        | 4-7/16"   | 117502 | 4-7/16"      | 117506 |         |        |                 |        |
| 10085        |                |        | 7"        | 117489 |              |        |         |        |                 |        |
| 120100       |                |        | 8"        | 117504 |              |        |         |        |                 |        |

## TAPER-LOCK Bushings - Maximum Bore Capacities (Inches)

| TL Bush Size | Sintered Steel |             |          | Cast Iron |             |          | Ductile Iron |             |          | Steel    |             |          |
|--------------|----------------|-------------|----------|-----------|-------------|----------|--------------|-------------|----------|----------|-------------|----------|
|              | Full Key       | Shallow Key | No * Key | Full Key  | Shallow Key | No * Key | Full Key     | Shallow Key | No * Key | Full Key | Shallow Key | No * Key |
| 1008         | 7/8"           | 1"          | 1"       |           |             |          |              |             |          | 7/8"     | 1"          | 1"       |
| 1108         | 1"             | 1-1/8"      | 1-1/8"   |           |             |          |              |             |          | 1"       | 1-1/8"      | 1-1/8"   |
| 1210         | 1-1/4"         | 1-1/4"      | 1-1/4"   |           |             |          |              |             |          | 1-1/4"   | 1-1/4"      | 1-1/4"   |
| 1215         | 1-1/4"         | 1-1/4"      | 1-1/4"   |           |             |          |              |             |          | 1-1/4"   | 1-1/4"      | 1-1/4"   |
| 1310         | 1-3/8"         | 1-3/8"      | 1-3/8"   |           |             |          |              |             |          | 1-3/8"   | 1-7/16"     | 1-7/16"  |
| 1610         | 1-1/2"         | 1-5/8"      | 1-5/8"   |           |             |          |              |             |          | 1-5/8"   | 1-11/16"    | 1-11/16" |
| 1615         | 1-1/2"         | 1-5/8"      | 1-5/8"   |           |             |          |              |             |          | 1-5/8"   | 1-11/16"    | 1-11/16" |
| 2012         | 1-7/8"         | 2"          | 2"       |           |             |          |              |             |          | 2"       | 2-1/8"      | 2-1/8"   |
| 2517         | 2-1/4"         | 2-1/2"      | 2-1/2"   |           |             |          |              |             |          | 2-7/16"  | 2-11/16"    | 2-11/16" |
| 2525         |                |             |          | 2-1/4"    | 2-1/2"      | 2-1/2"   |              |             |          | 2-3/8"   | 2-11/16"    | 2-11/16" |
| 3020         | 2-3/4"         | 3"          | 3"       | 2-3/4"    | 3"          | 3"       |              |             |          | 3"       | 3-1/4"      | 3-1/4"   |
| 3030         |                |             |          | 2-3/4"    | 3"          | 3"       |              |             |          | 3"       | 3-1/4"      | 3-1/4"   |
| 3525         |                |             |          | 3-1/4"    | 3-1/2"      | 3-1/2"   | 3-1/2"       | 3-15/16"    | 3-15/16" |          |             |          |
| 3535         |                |             |          | 3-1/4"    | 3-1/2"      | 3-1/2"   | 3-1/2"       | 3-15/16"    | 3-15/16" |          |             |          |
| 4030         |                |             |          | 3-5/8"    | 4"          | 4"       | 4"           | 4-7/16"     | 4-7/16"  |          |             |          |
| 4040         |                |             |          | 3-5/8"    | 4"          | 4"       | 4"           | 4-7/16"     | 4-7/16"  |          |             |          |
| 4535         |                |             |          | 4-1/2"    | 4-1/2"      | 4-1/2"   | 4-1/2"       | 4-15/16"    | 4-15/16" |          |             |          |
| 4545         |                |             |          | 4-1/2"    | 4-1/2"      | 4-1/2"   | 4-1/2"       | 4-15/16"    | 4-15/16" |          |             |          |
| 5040         |                |             |          | 4-1/2"    | 5"          | 5"       | 5"           | 5-5/16"     | 5-5/16"  |          |             |          |
| 5050         |                |             |          | 4-1/2"    | 5"          | 5"       | 5"           | 5-5/16"     | 5-5/16"  |          |             |          |
| 6050         |                |             |          | 6"        | 6"          | 6"       | 6"           | 6"          | 6"       |          |             |          |
| 7060         |                |             |          | 7"        | 7"          | 7"       | 7"           | 7"          | 7"       |          |             |          |
| 8065         |                |             |          | 8"        | 8"          | 8"       | 8"           | 8"          | 8"       |          |             |          |
| 10085        |                |             |          | 10"       | 10"         | 10"      | 10"          | 10"         | 10"      |          |             |          |
| 120100       |                |             |          | 12"       | 12"         | 12"      | 12"          | 12"         | 12"      |          |             |          |

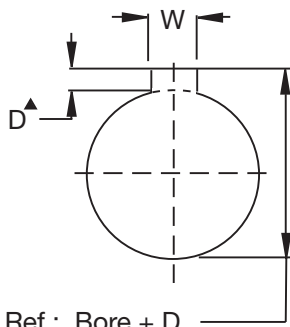
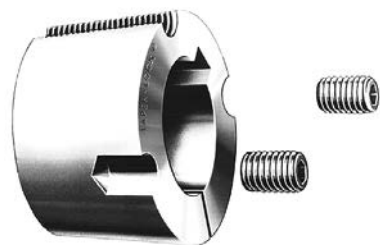
\* Verify torque capacity: Contact Application Engineering for assistance

|                                     |                                 |                            |                            |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|
| T-L FEATURES/BENEFITS<br>PAGE PT6-2 | T-L SPECIFICATION<br>PAGE PT6-3 | QD BUSHINGS<br>PAGE PT6-17 | GT BUSHINGS<br>PAGE PT6-29 |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|

# SPECIFICATION



## TAPER-LOCK Bushings - Reborable



ISO STANDARD METHOD FOR  
MEASURING KEYSEAT DEPTH.

▲ Depth measured at centerline

### TAPER-LOCK Bushings - Maximum Bore Capacities (Metric)

| TL Bush Size | Min Bore | Sintered Steel |             |         | Cast Iron |             |         | Ductile Iron |             |         | Steel    |             |         |
|--------------|----------|----------------|-------------|---------|-----------|-------------|---------|--------------|-------------|---------|----------|-------------|---------|
|              |          | Full Key       | Shallow Key | No Key* | Full Key  | Shallow Key | No Key* | Full Key     | Shallow Key | No Key* | Full Key | Shallow Key | No Key* |
| 1008         | 13       | 22             | 25          | 25      |           |             |         |              |             |         | 22       | 22          | 26      |
| 1108         | 13       | 25             | 25          | 29      |           |             |         |              |             |         | 25       | 28          | 29      |
| 1210         | 13       | 32             | 32          | 32      |           |             |         |              |             |         | 32       | 32          | 32      |
| 1215         | 13       | 32             | 32          | 32      |           |             |         |              |             |         | 32       | 32          | 32      |
| 1310         | 13       | 35             | 35          | 35      |           |             |         |              |             |         | 35       | 35          | 36      |
| 1610         | 13       | 40             | 40          | 40      |           |             |         |              |             |         | 42       | 42          | 44      |
| 1615         | 13       | 39             | 39          | 39      |           |             |         |              |             |         | 42       | 42          | 44      |
| 2012         | 13       | 50             | 50          | 51      |           |             |         |              |             |         | 50       | 50          | 55      |
| 2517         | 13       | 60             | 60          | 64      |           |             |         |              |             |         | 65       | 65          | 68      |
| 2525         | 20       |                |             |         | 60        | 60          | 64      |              |             |         | 65       | 65          | 68      |
| 3020         | 24       | 75             | 75          | 76      |           |             |         |              |             |         | 80       | 80          | 82      |
| 3030         | 24       |                |             |         | 75        | 75          | 76      |              |             |         | 80       | 80          | 82      |
| 3525         | 31       |                |             |         | 90        | 90          | 90      | 95           | 100         | 100     |          |             |         |
| 3535         | 31       |                |             |         | 85        | 85          | 85      | 95           | 95          | 100     |          |             |         |
| 4030         | 37       |                |             |         | 100       | 100         | 102     | 110          | 115         | 115     |          |             |         |
| 4040         | 37       |                |             |         | 100       | 100         | 102     | 105          | 105         | 113     |          |             |         |
| 4535         | 50       |                |             |         | 110       | 110         | 114     | 125          | 125         | 125     |          |             |         |
| 4545         | 50       |                |             |         | 110       | 110         | 114     | 115          | 115         | 125     |          |             |         |
| 5040         | 61       |                |             |         | 125       | 125         | 127     | 127          | 127         | 134     |          |             |         |
| 5050         | 61       |                |             |         | 125       | 125         | 127     | 127          | 127         | 134     |          |             |         |
| 6050         | 88       |                |             |         | 152       | 152         | 152     | 152          | 152         | 152     |          |             |         |
| 7060         | 100      |                |             |         | 177       | 177         | 177     | 180          | 180         | 180     |          |             |         |
| 8065         | 117      |                |             |         | 203       | 203         | 203     | 203          | 203         | 203     |          |             |         |
| 10085        | 178      |                |             |         | 254       | 254         | 254     | 254          | 254         | 254     |          |             |         |
| 120100       | 204      |                |             |         | 304       | 304         | 304     | 304          | 304         | 304     |          |             |         |

**NOTE:** ISO STANDARD METHOD FOR MEASURING KEYSEAT DEPTH

MM Bore and Keyway dimensions conform to ISO standard recommendation R773, for "Free" fit

\* Verify torque capability. Contact Application Engineering for assistance.

#### REFERENCE:

1 inch = 25.4 millimeters

1 millimeter = 0.03937 inches



# SPECIFICATION

## TAPER-LOCK Weld-On Hubs



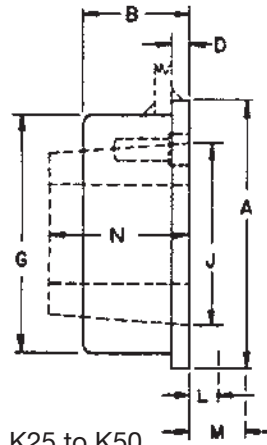
DODGE Weld-On hubs are made of 1015-1025 steel, drilled, tapped, and taper bored to receive TAPER-LOCK bushings. They are useful for welding into fan rotors, pulleys, plate sprockets, impellers, agitators, etc. which must be firmly mounted onto shafting. Four types of hubs are available from stock:

**TYPE W/WA:** Rugged, full length size for single-hub heavy-duty applications.

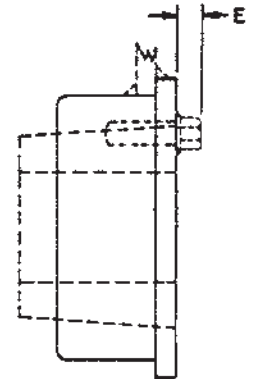
**TYPE K:** More compact design, especially useful for two-hub construction such as conveyor pulleys.

**TYPE S:** Originally designed for use in smaller sprockets using up to Taper-Lock size 3535 bushings. Suitable for many other lighter-duty applications.

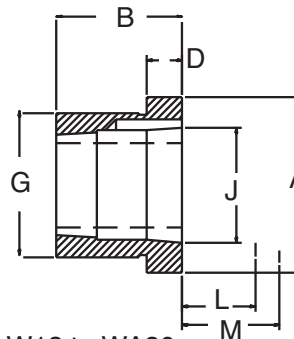
**TYPE F:** Features a larger flange diameter that can be welded into standard steel tubing to fabricate conveyor pulleys or process rolls.



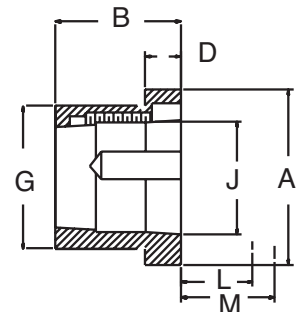
K25 to K50



K60 to K120



W12 to WA30



WA35 to WA100

### TAPER-LOCK Type K And Type W/WA Weld-On Hubs

| Hub No. | Part No. | Uses Bush. | Max. Bore | Wt. lbs. | Dimensions |      |      |      |         |        |      |        |       | Tolerances     |               |
|---------|----------|------------|-----------|----------|------------|------|------|------|---------|--------|------|--------|-------|----------------|---------------|
|         |          |            |           |          | A          | B+   | D    | E    | G       | J Ref. | L++  | M**    | N     | G Dimension    |               |
| W12     | 228010   | 1215       | 1-1/4     | 1.2      | 2.88       | 1.50 | 0.63 | ...  | 2.500*  | 1.88   | 1.38 | 1.63   | 1.50  | *              | +0.000/-0.002 |
| W16     | 228011   | 1615       | 1-11/16   | 1.3      | 3.25       | 1.50 | 0.63 | ...  | 2.875*  | 2.25   | 1.38 | 1.63   | 1.50  | @              | +0.000/-0.003 |
| W25     | 228012   | 2517       | 2-11/16   | 3.9      | 4.88       | 1.75 | 0.75 | ...  | 4.375*  | 3.38   | 1.63 | 2.25   | 1.75  | ~              | +0.000/-0.004 |
| WA30    | 228087   | 3030       | 3-1/4     | 8.6      | 5.50       | 3.00 | 0.75 | ...  | 5.125*  | 4.25   | 1.81 | 2.69   | 3.00  |                |               |
| WA35    | 228088   | 3535       | 3-15/16   | 15       | 6.75       | 3.50 | 1.00 | ...  | 6.250*  | 5.00   | 2.00 | 3.33 - | 3.50  | B Dimension    |               |
| WA40    | 228089   | 4040       | 4-7/16    | 29       | 7.75       | 4.00 | 1.00 | ...  | 7.250*  | 5.75   | 2.38 | 4.13   | 4.00  | W/WA Hubs Only |               |
| WA45    | 228090   | 4545       | 4-15/16   | 42       | 8.75       | 4.50 | 1.00 | ...  | 8.000*  | 6.38   | 2.63 | 4.75   | 4.50  | +              | +0.001/-0.125 |
| WA50    | 228091   | 5050       | 5         | 57       | 9.50       | 5.00 | 1.00 | ...  | 8.750@  | 7.00   | 2.19 | 5.25   | 5.00  |                |               |
| WA60    | 228092   | 6050       | 6         | 115      | 13.25      | 5.00 | 1.25 | 1.44 | 12.250~ | 9.25   | 1.63 | 4.33   | 5.00  |                |               |
| WA70    | 228093   | 7060       | 7         | 158      | 14.5       | 6.00 | 1.25 | 1.44 | 13.500~ | 10.25  | 1.63 | 4.33   | 6.00  |                |               |
| WA80    | 228094   | 8065       | 8         | 180      | 15.25      | 6.50 | 1.25 | 1.44 | 14.125~ | 11.25  | 1.63 | 4.33   | 6.50  |                |               |
| WA100   | 228095   | 10085      | 10        | 340      | 19.75      | 8.50 | 1.50 | 1.75 | 18.750~ | 14.75  | 2.00 | 5.33   | 8.50  |                |               |
| K25     | 207156   | 2517       | 2-11/16   | 3.6      | 4.88       | 1.50 | 0.38 | ...  | 4.375*  | 3.38   | 1.63 | 2.25   | 1.75  |                |               |
| K30     | 207157   | 3020       | 3-1/4     | 7.8      | 5.50       | 1.63 | 0.75 | ...  | 5.125*  | 4.25   | 1.81 | 2.69   | 2.00  |                |               |
| K35     | 228080   | 3535       | 3-15/16   | 9.8      | 6.75       | 1.63 | 0.75 | ...  | 6.250*  | 5.00   | 2.00 | 3.33   | 3.50  |                |               |
| K40     | 228081   | 4040       | 4-7/16    | 10.8     | 7.75       | 2.13 | 0.50 | ...  | 7.250*  | 5.75   | 2.63 | 4.13   | 4.00  |                |               |
| K45     | 228082   | 4545       | 4-15/16   | 15.2     | 8.50       | 2.63 | 0.63 | ...  | 8.000*  | 6.83   | 2.63 | 4.75   | 4.50  |                |               |
| K50     | 228083   | 5050       | 5         | 29       | 9.25       | 2.88 | 0.63 | ...  | 8.750@  | 7.00   | 2.81 | 5.25   | 5.00  |                |               |
| K60     | 228084   | 6050       | 6         | 44       | 12.75      | 2.88 | 0.63 | 1.44 | 12.250~ | 9.25   | 1.63 | 4.33   | 5.00  |                |               |
| K70     | 228085   | 7060       | 7         | 60       | 14.00      | 3.38 | 0.75 | 1.44 | 13.500~ | 10.25  | 1.63 | 4.33   | 6.00  |                |               |
| K80     | 228086   | 8065       | 8         | 65       | 14.75      | 3.63 | 0.75 | 1.44 | 14.125~ | 11.25  | 1.63 | 4.33   | 6.5.  |                |               |
| K100    | 228079   | 10085      | 10        | 128      | 19.25      | 4.13 | 1.00 | 1.75 | 18.750~ | 14.75  | 2.00 | 5.33   | 8.50  |                |               |
| K120    | 228058   | 120100     | 12        | 225      | 22.25      | 5.38 | 1.00 | 1.75 | 21.750~ | 17.25  | 2.00 | 5.33   | 10.00 |                |               |

++ Wrench clearance required to install bushing. \*\* Wrench clearance required to remove bushing.

|                                     |                                 |                            |                            |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|
| T-L FEATURES/BENEFITS<br>PAGE PT6-2 | T-L SPECIFICATION<br>PAGE PT6-3 | QD BUSHINGS<br>PAGE PT6-17 | GT BUSHINGS<br>PAGE PT6-29 |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|



# SPECIFICATION

## TAPER-LOCK Weld-On Hubs

### Type S Weld-On Hubs

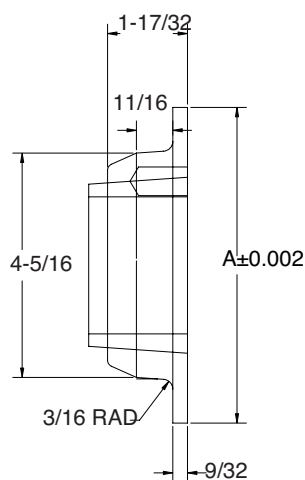
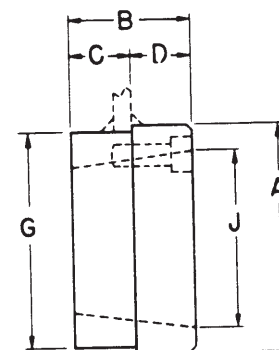
| Hub No. | Part No.      | Uses Bush. | Bore Range         | Wt.   | Dimensions |      |       |      |       |               |        |
|---------|---------------|------------|--------------------|-------|------------|------|-------|------|-------|---------------|--------|
|         |               |            |                    |       | A          | B    | C     | D    | G     | G Toler.      | J Ref. |
| S16-4   | <b>097023</b> | 1610       | 1/2 to 1-11/16"    | .90   | 3.00       | 1.00 | 0.275 | .73  | 2.875 | +0.000/-0.002 | 2.25   |
| S16-6   | <b>097024</b> | 1610       | 1/2 to 1-11/16"    | .90   | 3.00       | 1.00 | 0.45  | .55  | 2.875 | +0.000/-0.002 | 2.25   |
| S20-6   | <b>097025</b> | 2012       | 1/2 to 2-1/8"      | 1.80  | 3.56       | 1.25 | 0.45  | .80  | 3.438 | +0.000/-0.002 | 2.75   |
| S20-8   | <b>097015</b> | 2012       | 1/2 to 2-1/8"      | 1.40  | 3.56       | 1.25 | 0.57  | .68  | 3.438 | +0.000/-0.002 | 2.75   |
| S25-6   | <b>097016</b> | 2517       | 1/2 to 2-11/16"    | 2.60  | 4.25       | 1.75 | 0.45  | 1.3  | 4.125 | +0.000/-0.002 | 3.33   |
| S25-8   | <b>097017</b> | 2517       | 1/2 to 2-11/16"    | 2.60  | 4.25       | 1.75 | 0.565 | 1.19 | 4.125 | +0.000/-0.002 | 3.33   |
| S25-10  | <b>097018</b> | 2517       | 1/2 to 2-11/16"    | 2.50  | 4.25       | 1.75 | 0.685 | 1.07 | 4.125 | +0.000/-0.002 | 3.33   |
| S25-16  | <b>097019</b> | 2517       | 1/2 to 2-11/16"    | 2.40  | 4.25       | 1.75 | 1.09  | .66  | 4.125 | +0.000/-0.002 | 3.33   |
| S30-10  | <b>097020</b> | 3020       | 15/16 to 3-1/4"    | 4.30  | 5.25       | 2.00 | 0.675 | 1.33 | 5.125 | +0.000/-0.002 | 4.25   |
| S30-16  | <b>097021</b> | 3020       | 15/16 to 3-1/4"    | 4.20  | 5.25       | 2.00 | 1.09  | .91  | 5.125 | +0.000/-0.002 | 4.25   |
| S35     | <b>097022</b> | 3535       | 1-3/16 to 3-15/16" | 12.80 | 6.50       | 3.50 | 1.16  | 2.34 | 6.375 | +0.000/-0.002 | 5.00   |

### TAPER-LOCK Type F Weld-On Hubs

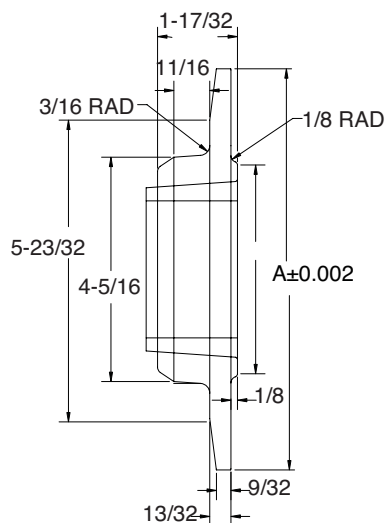
| Hub No. | Part No.      | Uses Bush. | Bore Range      | Wt. | A     |
|---------|---------------|------------|-----------------|-----|-------|
| 6F25P   | <b>226091</b> | 2517       | 1/2 to 2-11/16" | 3.9 | 6.048 |
| 6F25A   | <b>226026</b> | 2517       | 1/2 to 2-11/16" | 3.8 | 5.685 |
| 6F25B   | <b>226027</b> | 2517       | 1/2 to 2-11/16" | 3.8 | 5.664 |
| 6F25C   | <b>226028</b> | 2517       | 1/2 to 2-11/16" | 3.8 | 5.625 |
| 6F25D   | <b>226029</b> | 2517       | 1/2 to 2-11/16" | 3.8 | 5.579 |
| 6F25E   | <b>226030</b> | 2517       | 1/2 to 2-11/16" | 3.8 | 5.537 |
| 8F25P   | <b>226093</b> | 2517       | 1/2 to 2-11/16" | 6.3 | 7.962 |
| 8F25A   | <b>226031</b> | 2517       | 1/2 to 2-11/16" | 6.2 | 7.685 |
| 8F25B   | <b>226032</b> | 2517       | 1/2 to 2-11/16" | 6.2 | 7.664 |
| 8F25C   | <b>226033</b> | 2517       | 1/2 to 2-11/16" | 6.2 | 7.625 |
| 8F25D   | <b>226034</b> | 2517       | 1/2 to 2-11/16" | 6.2 | 7.579 |
| 8F25E   | <b>226007</b> | 2517       | 1/2 to 2-11/16" | 6.2 | 7.537 |
| F30     | <b>226101</b> | 3020       | 15/16 to 3-1/4" | 5.3 | 5.75  |



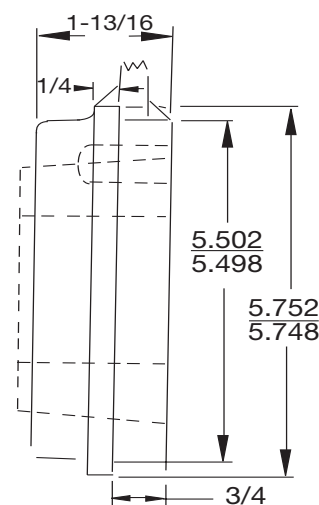
Type S



6F25



8F25

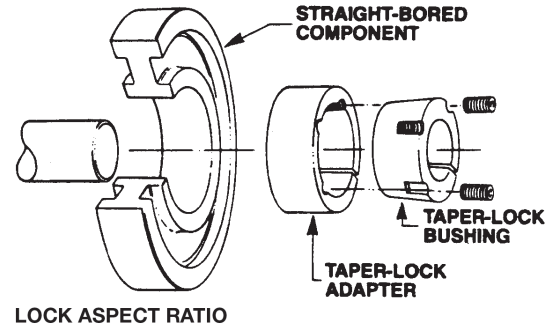
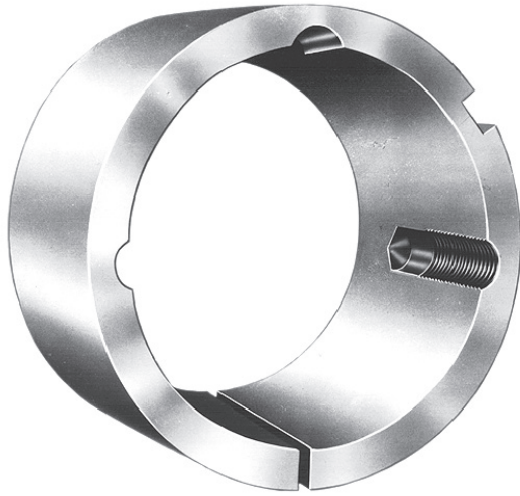


F30

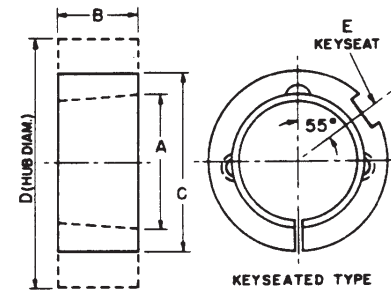


## SPECIFICATION

### TAPER-LOCK Adapters



LOCK ASPECT RATIO



KEYSEATED TYPE

Adapters for TAPER-LOCK bushings are recommended for use where it is more convenient to straight bore than to drill, tap and taper bore hubs to accommodate bushings.

The adapter is a gray iron, taper-bored sleeve which fits into the straight bore of a hub. The bushing simply fits inside the adapter which is tapped for the bushing screws. When tightening the locking screws, adapter is expanded against the hub bore contracting the bushing tightly upon the shaft. See page PT6-3 for bushing data and wrench space required.

#### TAPER-LOCK Adapters

| Adapter No. | Type      | For Use With Bush. No. | Adapter Part No. | Adapter Wt. | A Ref. | B    | C*    | D: Req'd Hub Dia. † |       | E<br>Keyseat |
|-------------|-----------|------------------------|------------------|-------------|--------|------|-------|---------------------|-------|--------------|
|             |           |                        |                  |             |        |      |       | Class 30 Gray Iron  | Steel |              |
| 1215B       | Keyseated | 1215                   | <b>120011</b>    | .7          | 1.88   | 1.50 | 2-3/8 | 3.38                | 3.25  | 1/4 x 1/8    |
| 1615B       | Keyseated | 1615                   | <b>120012</b>    | .9          | 2.25   | 1.50 | 2-3/4 | 3.75                | 3.50  | 3/8 x 1/8    |
| 2517B       | Keyseated | 2517                   | <b>120013</b>    | 2.2         | 3.38   | 1.75 | 4-1/8 | 5.50                | 5.00  | 5/8 x 1/8    |
| 2525B       | Keyseated | 2525                   | <b>120014</b>    | 3.2         | 3.38   | 2.50 | 4-1/8 | 5.25                | 5.00  | 5/8 x 1/8    |
| 3030B       | Keyseated | 3030                   | <b>120015</b>    | 5.8         | 4.25   | 3.00 | 5-1/8 | 6.88                | 6.25  | 3/4 x 3/16   |
| 3535B       | Keyseated | 3535                   | <b>120016</b>    | 11.3        | 5.00   | 3.50 | 6-1/4 | 8.38                | 7.88  | 7/8 x 3/16   |
| 4040B       | Keyseated | 4040                   | <b>120017</b>    | 17.3        | 5.75   | 4.00 | 7-1/4 | 10.13               | 9.38  | 1 x 3/16     |
| 4545B       | Keyseated | 4545                   | <b>120018</b>    | 21.9        | 6.38   | 4.50 | 7-7/8 | 11.00               | 10.25 | 1 x 3/16     |

\* .001 to +.003 tolerance recommended for bore of hub.

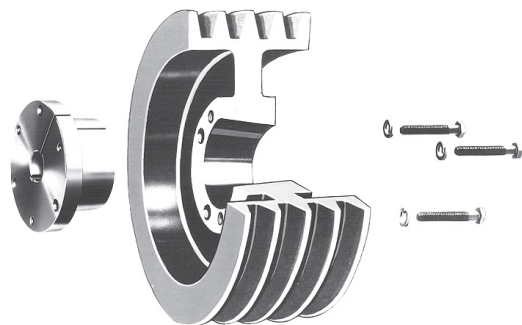
† For reference. Severe conditions may require larger hub. Heavy well located web may permit smaller hub. Hub diameter required depends on the application. Consult factory giving full information on the proposed design. Hub diameters shown are based on 30,000 and 50,000 P.S.I. minimum ultimate tensile strength respectively for Class 30 gray iron and steel hubs.

|                                     |                                 |                            |                            |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|
| T-L FEATURES/BENEFITS<br>PAGE PT6-2 | T-L SPECIFICATION<br>PAGE PT6-3 | QD BUSHINGS<br>PAGE PT6-17 | GT BUSHINGS<br>PAGE PT6-29 |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|

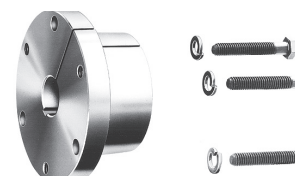
# FEATURES/BENEFITS



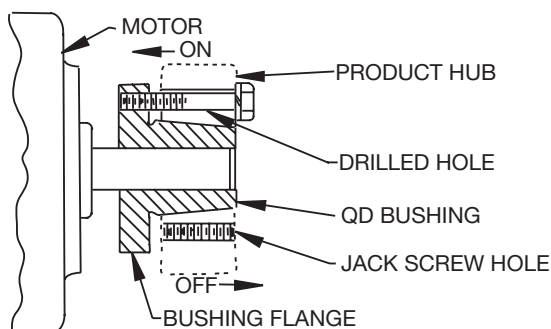
## QD Bushings



- 4 Degree Taper
- Easy on/Easy off
- Manufactured precisely to industry standards
- Conventional or Reverse Mounting, Including sizes M thru W - DODGE exclusive!
- QD is a registered trademark of Emerson Electric.



### CONVENTIONAL



## Conventional Mounting

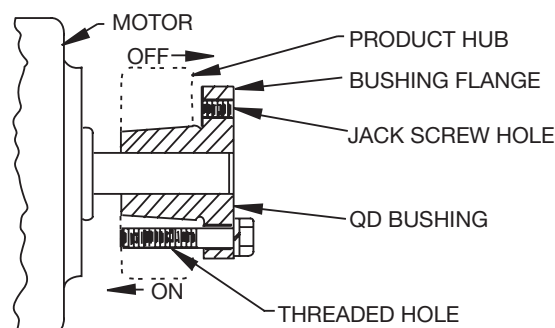
### Easy On

- Place bushing in product
- Align clearance holes in product with threaded holes in bushing
- Install screws and lockwashers thru clearance holes, finger tight
- Slide assembly onto shaft, flange first
- Locate assembly on shaft for proper drive alignment
- Tighten cap screws alternately and evenly to specified torque

### Easy Off

- Remove cap screws and install in product threaded holes
- Alternately and evenly tighten screws until bushing grip is released
- Flanged Design

### REVERSE



## Reverse Mounting

### Easy On

- Place bushing in product
- Align clearance holes in product with threaded holes in bushing
- Install screws and lockwashers thru clearance holes, finger tight
- Slide assembly onto shaft, flange outward
- Locate assembly on shaft for proper drive alignment
- Tighten cap screws alternately and evenly to specified torque

### Easy Off

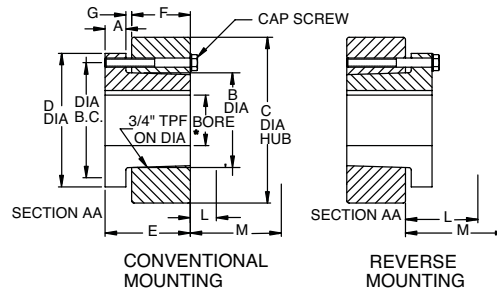
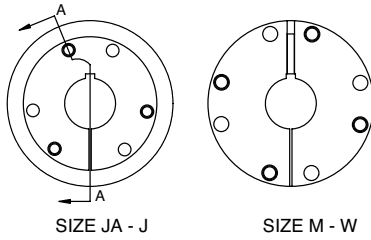
- Remove cap screws and reinstall in flange threaded holes
- Alternately and evenly tighten screws until bushing grip is released

**IMPORTANT! Do not use lubricants or anti-seize compounds on tapered bore or bushing surfaces. Complete installation instructions are available at [www.dodge-pt.com](http://www.dodge-pt.com).**



# SPECIFICATION

## QD Bushings - Dimensions



## QD Bushing Ratings And Dimensions

| Bush. Symb. | Ratings (Lb-in) Bush. Torque Cap.* | Bore Range |                |            |         | Dimensions |        |            |       |        |       |       |      |
|-------------|------------------------------------|------------|----------------|------------|---------|------------|--------|------------|-------|--------|-------|-------|------|
|             |                                    | Min.       | Max. Bore for: |            |         | A          | B Dia. | C Hub Dia. |       | D Dia. | E     | F     | G    |
|             |                                    |            | Full KW        | Shallow KW | No KW   |            |        | CI 30 Iron | Steel |        |       |       |      |
| QT / (L)    | 1000                               | 3/8        | 1-1/4          | 1-1/2      | 1-9/16  | 0.35       | 1.63   | 3.00       | 2.375 | 2.50   | 1.35  | 0.94  | 0.12 |
| JA          | 1000                               | 1/2        | 1              | 1-3/16     | 1-1/4   | 0.31       | 1.38   | 3.93       | 2.25  | 2.00   | 1.00  | 0.56  | 0.12 |
| SH          | 3500                               | 1/2        | 1-3/8          | 1-5/8      | 1-11/16 | 0.38       | 1.88   | 4.75       | 3.00  | 2.63   | 1.25  | 0.81  | 0.12 |
| SDS         | 5000                               | 1/2        | 1-5/8          | 1-15/16    | 2       | 0.43       | 2.18   | 4.75       | 3.50  | 3.18   | 1.31  | 0.75  | 0.12 |
| SD          | 5000                               | 1/2        | 1-5/8          | 1-15/16    | 2       | 0.43       | 2.18   | 3.81       | 3.50  | 3.18   | 1.81  | 1.25  | 0.12 |
| SK          | 7000                               | 1/2        | 2-1/8          | 2-1/2      | 2-5/8   | 0.50       | 2.81   | 4.75       | 4.50  | 3.88   | 1.88  | 1.25  | 0.22 |
| SF          | 11000                              | 1/2        | 2-5/16         | 2-15/16    | ...     | 0.50       | 3.13   | 6.38       | 5.50  | 4.63   | 2.00  | 1.25  | 0.22 |
| E           | 20000                              | 7/8        | 2-7/8          | 3-1/2      | ...     | 0.75       | 3.83   | 7.50       | 6.50  | 6.00   | 2.63  | 1.63  | 0.25 |
| F           | 30000                              | 1          | 3-1/4          | 3-15/16    | 4       | 0.81       | 4.43   | 7.75       | 7.25  | 6.63   | 3.63  | 2.50  | 0.34 |
| J           | 45000                              | 1-1/2      | 3-3/4          | 4-1/2      | ...     | 1.00       | 5.14   | 9.00       | 8.00  | 7.25   | 4.50  | 3.18  | 0.38 |
| M           | 85000                              | 2          | 4-3/4          | 5-1/2      | ...     | 1.25       | 6.50   | 11.38      | 10.00 | 9.00   | 6.75  | 5.18  | 0.41 |
| N           | 150000                             | 2-7/16     | 5              | 6          | ...     | 1.50       | 7.00   | 12.00      | ...   | 10.00  | 8.12  | 6.25  | 0.56 |
| P           | 250000                             | 2-15/16    | 5-15/16        | 7          | ...     | 1.75       | 8.25   | 14.00      | ...   | 11.75  | 9.38  | 7.25  | 0.63 |
| W           | 375000                             | 4          | 7-1/2          | 8-1/2      | ...     | 2.00       | 10.42  | 17.00      | ...   | 15.00  | 11.38 | 9.00  | 0.50 |
| S           | 625000                             | 5-1/2      | 9              | 10         | ...     | 3.25       | 12.13  | 19.00      | ...   | 17.75  | 15.75 | 12.00 | 0.75 |

\* Torque ratings apply when bushing installation screws are tightened to listed torque. Important: Do not over-torque screws. This can lead to hub damage

## Installation Information

| Bush. Sym. | Installation Screws |      |                  |                        | Required Wrench Clearance |      |          |      |                  |      |          |      |
|------------|---------------------|------|------------------|------------------------|---------------------------|------|----------|------|------------------|------|----------|------|
|            | B. C. Dia.          | Qty. | Size             | Screw Torque (Lb - in) | Conventional Mounting     |      |          |      | Reverse Mounting |      |          |      |
|            |                     |      |                  |                        | L-Install                 |      | M-Remove |      | L-Install        |      | M-Remove |      |
|            |                     |      |                  |                        | #                         | @    | #        | @    | #                | @    | #        | @    |
| QT / (L)   | 2                   | 2    | 1/4-20 x 7/8     | 90                     | 0.41                      | 2.53 | 1.13     | 3.25 | 1.13             | 3.25 | 1.56     | 3.68 |
| JA         | 1.65                | 3    | 10-24 x 1        | 60                     | 0.41                      | 2.53 | 1.13     | 3.25 | 1.13             | 3.25 | 1.56     | 3.68 |
| SH         | 2.25                | 3    | 1/4-20x 1-3/8    | 108                    | 0.54                      | 2.61 | 1.51     | 3.58 | 1.51             | 3.58 | 2.08     | 4.13 |
| SDS        | 2.69                | 3    | 1/4-20 x 1-3/8   | 108                    | 0.59                      | 2.66 | 1.56     | 3.63 | 1.56             | 3.63 | 2.13     | 4.18 |
| SD         | 2.69                | 3    | 1/4-20 x 1-7/8   | 108                    | 0.66                      | 2.72 | 2.06     | 4.13 | 2.06             | 4.13 | 2.63     | 4.68 |
| SK         | 3.31                | 3    | 5/16-18 x 2      | 180                    | 0.72                      | 2.66 | 2.19     | 4.19 | 2.25             | 4.25 | 2.32     | 4.94 |
| SF         | 3.88                | 3    | 3/8-16 x 2       | 360                    | 0.78                      | 2.78 | 2.25     | 4.23 | 2.30             | 4.30 | 3.19     | 5.18 |
| E          | 5.00                | 3    | 1/2 -13 x 2-3/4  | 720                    | 1.12                      | 3.06 | 3.00     | 4.93 | 3.05             | 5.00 | 4.30     | 6.25 |
| F          | 5.63                | 3    | 9/16-12 x 3-5/8  | 900                    | 1.09                      | 2.91 | 3.94     | 5.75 | 3.99             | 5.81 | 5.31     | 7.12 |
| J          | 6.25                | 3    | 5/8-11 x 4-1/2   | 1620                   | 1.28                      | 3.09 | 4.81     | 6.62 | 3.80             | 5.62 | 5.37     | 7.18 |
| M          | 7.88                | 4    | 3/4-10 x 6-3/4   | 2700                   | 2.16                      | 4.03 | 7.69     | 9.56 | ...              | ...  | ...      | ...  |
| N          | 8.50                | 4    | 7/8-9 x 8        | 3600                   | 2.28                      | ...  | 9.25     | ...  | ...              | ...  | ...      | ...  |
| P          | 10.00               | 4    | 1-8 x 9-1/2      | 5400                   | 3.13                      | ...  | 10.88    | ...  | ...              | ...  | ...      | ...  |
| W          | 12.75               | 4    | 1-1/8-7 x 11-1/2 | 7200                   | 3.88                      | ...  | 13.38    | ...  | ...              | ...  | ...      | ...  |
| S          | 15.00               | 5    | 1-1/4 -7x 15     | 9000                   | 3.75                      | ...  | 16.50    | ...  | ...              | ...  | ...      | ...  |

# Using Open-End Wrench  
@ Using Socket Wrench

NOTE: Installation and maintenance instructions for Dodge products available at [www.dodge-pt.com](http://www.dodge-pt.com)

|                                     |                                 |                            |                            |
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|-------------------------------------|---------------------------------|----------------------------|----------------------------|

## SPECIFICATION



## Bushings For Bushed FHP Sheave - Stock Bore

| QD Bush Size | BORE    | P/N Keyway      | WT.  | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|---------|-----------------|------|----------------|------------------|--------------|
| QT / (L)     | 3/8"    | <b>121129</b>   | 0.85 | None           |                  |              |
|              | 7/16"   | <b>121130</b>   | 0.82 |                |                  |              |
|              | 1/2"    | <b>121131</b>   | 0.81 |                |                  |              |
|              | 9/16"   | <b>121133</b>   | 0.80 |                |                  |              |
|              | 5/8"    | <b>122050</b>   | 0.78 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 11/16"  | <b>121134</b>   | 0.76 |                |                  |              |
|              | 3/4"    | <b>121162</b> + | 0.74 |                |                  |              |
|              | 3/4"    | <b>122051</b>   | 0.74 |                |                  |              |
|              | 13/16"  | <b>121136</b>   | 0.70 |                |                  |              |
|              | 7/8"    | <b>121163</b> + | 0.68 |                |                  |              |
|              | 7/8"    | <b>122052</b>   | 0.68 |                |                  |              |
|              | 15/16"  | <b>121138</b>   | 0.66 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1"      | <b>121164</b> + | 0.62 |                |                  |              |
|              | 1"      | <b>122053</b>   | 0.62 |                |                  |              |
|              | 1-1/16" | <b>121140</b>   | 0.59 |                |                  |              |
|              | 1-1/8"  | <b>121186</b> + | 0.56 |                |                  |              |
|              | 1-1/8"  | <b>122054</b>   | 0.56 |                |                  |              |
|              | 1-3/16" | <b>121187</b> + | 0.52 |                |                  |              |
|              | 1-3/16" | <b>122055</b>   | 0.52 |                |                  |              |
|              | 1-1/4"  | <b>122056</b>   | 0.49 |                |                  |              |
|              | 1-5/16" | <b>121144</b>   | 0.44 |                |                  |              |
|              | 1-3/8"  | <b>121145</b>   | 0.43 |                |                  |              |
|              | 1-7/16" | <b>121146</b>   | 0.38 |                |                  |              |
|              | 1-1/2"  | <b>121147</b>   | 0.34 |                |                  |              |
|              | 14MM    | <b>121148</b>   | 0.79 | 5 x 2.3MM      | 5 x 3MM          | 5 x 5MM      |
|              | 19MM    | <b>121149</b>   | 0.74 | 6 x 2.8MM      | 6 x 3.5MM        | 6 x 6MM      |
|              | 20MM    | <b>121467</b>   | 0.73 |                |                  |              |
|              | 25MM    | <b>121151</b>   | 0.63 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 28MM    | <b>151152</b>   | 0.57 |                |                  |              |
|              | 30MM    | <b>121153</b>   | 0.53 |                |                  |              |
|              | 32MM    | <b>121154</b>   | 0.50 | 10 x 3.3MM     | 10 X 5MM         | 10 X 8MM     |

## QD Bushings - Stock Bore

| QD Bush Size | Bore     | P/N           | WT.  | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|----------|---------------|------|----------------|------------------|--------------|
| JA           | 1/2"     | <b>120332</b> | 0.46 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"    | <b>120333</b> | 0.46 |                |                  |              |
|              | 5/8"     | <b>120334</b> | 0.45 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 11/16"   | <b>120335</b> | 0.43 |                |                  |              |
|              | 3/4"     | <b>120336</b> | 0.41 |                |                  |              |
|              | 13/16"   | <b>120337</b> | 0.40 |                |                  |              |
|              | 7/8"     | <b>120338</b> | 0.37 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 15/16"   | <b>120339</b> | 0.35 |                |                  |              |
|              | 1"       | <b>120340</b> | 0.33 | 1/4 x 1/16     | 1/4 x 1/8        | 1/4 x 3/16 * |
|              | 1-1/16"  | <b>120341</b> | 0.34 |                |                  |              |
|              | 1-1/8"   | <b>120342</b> | 0.31 |                |                  |              |
|              | 1-3/16"  | <b>120343</b> | 0.29 |                |                  |              |
|              | 1-1/4"   | <b>120344</b> | 0.25 | None           |                  |              |
|              | 19MM     | <b>117049</b> | 0.42 |                |                  |              |
|              | 20MM     | <b>120329</b> | 0.41 |                |                  |              |
|              | 22MM     | <b>117043</b> | 0.40 |                |                  |              |
| SH           | 1/2"     | <b>120345</b> | 1.16 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"    | <b>120346</b> | 1.14 |                |                  |              |
|              | 5/8"     | <b>120347</b> | 1.14 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 11/16"   | <b>120348</b> | 1.14 |                |                  |              |
|              | 3/4"     | <b>120349</b> | 1.10 |                |                  |              |
|              | 13/16"   | <b>120350</b> | 1.07 |                |                  |              |
|              | 7/8"     | <b>120351</b> | 1.04 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 15/16"   | <b>120352</b> | 1.00 |                |                  |              |
|              | 1"       | <b>120353</b> | 0.98 |                |                  |              |
|              | 1-1/16"  | <b>120354</b> | 0.94 |                |                  |              |
|              | 1-1/8"   | <b>120355</b> | 0.91 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/16"  | <b>120356</b> | 0.88 |                |                  |              |
|              | 1-1/4"   | <b>120357</b> | 0.84 |                |                  |              |
|              | 1-5/16"  | <b>120358</b> | 0.82 |                |                  |              |
|              | 1-3/8"   | <b>120359</b> | 0.80 | 3/8 x 1/16     | 3/8 x 3/16       | 3/8 x 1/4 *  |
|              | 1-7/16"  | <b>120360</b> | 0.79 |                |                  |              |
|              | 1-1/2"   | <b>120361</b> | 0.75 |                |                  |              |
|              | 1-9/16"  | <b>120362</b> | 0.90 |                |                  |              |
|              | 1-5/8"   | <b>120363</b> | 0.64 | None           |                  |              |
|              | 1-11/16" | <b>120580</b> | 0.55 |                |                  |              |
|              | 24MM     | <b>120088</b> | 1.00 |                |                  |              |
|              | 25MM     | <b>120089</b> | 0.99 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 28MM     | <b>120090</b> | 0.93 |                |                  |              |
|              | 30MM     | <b>120091</b> | 0.87 |                |                  |              |
|              | 32MM     | <b>120092</b> | 0.82 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 35MM     | <b>120093</b> | 0.74 |                |                  |              |
| SDS          | 1/2"     | <b>120388</b> | 1.65 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"    | <b>120389</b> | 1.65 |                |                  |              |
|              | 5/8"     | <b>120390</b> | 1.61 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 11/16"   | <b>120391</b> | 1.60 |                |                  |              |
|              | 3/4"     | <b>120392</b> | 1.58 |                |                  |              |
|              | 13/16"   | <b>120393</b> | 1.54 |                |                  |              |
|              | 7/8"     | <b>120394</b> | 1.54 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 15/16"   | <b>120395</b> | 1.50 |                |                  |              |
|              | 1"       | <b>120396</b> | 1.46 |                |                  |              |
|              | 1-1/16"  | <b>120397</b> | 1.43 |                |                  |              |
|              | 1-1/8"   | <b>120398</b> | 1.38 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/16"  | <b>120399</b> | 1.36 |                |                  |              |
|              | 1-1/4"   | <b>120400</b> | 1.32 |                |                  |              |
|              | 1-5/16"  | <b>120401</b> | 1.26 |                |                  |              |
|              | 1-3/8"   | <b>120402</b> | 1.24 |                |                  |              |

P/N's marked (+) are Integral Key Bushings

Bore sizes marked (#) will be supplied with 1/2" wide keyway unless the 5/8" wide keyway is specified when ordering

\* Key furnished for these sizes ONLY

\*\* Key not furnished for MM bores sizes

# SPECIFICATION



## QD Bushings - Stock Bore

| QD Bush Size | Bore     | P/N           | WT.  | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|----------|---------------|------|----------------|------------------|--------------|
| SDS (cont)   | 1-7/16"  | <b>120403</b> | 1.19 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-1/2"   | <b>120404</b> | 1.15 |                |                  |              |
|              | 1-9/16"  | <b>120405</b> | 1.11 |                |                  |              |
|              | 1-5/8"   | <b>120406</b> | 1.08 |                |                  |              |
|              | 1-11/16" | <b>120407</b> | 1.08 | 3/8 x 1/8      | 3/8 x 3/16       | 3/8 x 5/16 * |
|              | 1-3/4"   | <b>120408</b> | 1.02 |                |                  |              |
|              | 1-13/16" | <b>120409</b> | 0.98 | 1/2 x 1/16     | 1/2 x 1/4        | 1/2 x 5/16 * |
|              | 1-7/8"   | <b>120410</b> | 0.92 |                |                  |              |
|              | 1-15/16" | <b>120411</b> | 0.87 |                |                  |              |
|              | 2"       | <b>120412</b> | 0.77 | None           |                  |              |
|              | 24MM     | <b>120094</b> | 1.47 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 25MM     | <b>120095</b> | 1.47 |                |                  |              |
|              | 28MM     | <b>120096</b> | 1.41 |                |                  |              |
|              | 30MM     | <b>120097</b> | 1.36 |                |                  |              |
|              | 32MM     | <b>120098</b> | 1.31 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 35MM     | <b>120099</b> | 1.22 |                |                  |              |
|              | 38MM     | <b>120100</b> | 1.00 |                |                  |              |
|              | 40MM     | <b>120101</b> | 1.01 | 12 X 3.3MM     | 12 X 5MM         | 12 X 8MM     |
|              | 42MM     | <b>120102</b> | 1.02 |                |                  |              |
| SD           | 1/2"     | <b>120364</b> | 2.07 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"    | <b>120365</b> | 2.05 |                |                  |              |
|              | 5/8"     | <b>120366</b> | 2.03 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 11/16"   | <b>120367</b> | 2.00 |                |                  |              |
|              | 3/4"     | <b>120368</b> | 2.00 |                |                  |              |
|              | 13/16"   | <b>120369</b> | 2.00 |                |                  |              |
|              | 7/8"     | <b>120370</b> | 1.88 |                |                  |              |
|              | 15/16"   | <b>120371</b> | 1.85 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1"       | <b>120372</b> | 1.80 |                |                  |              |
|              | 1-1/16"  | <b>120373</b> | 1.79 |                |                  |              |
|              | 1-1/8"   | <b>120374</b> | 1.72 |                |                  |              |
|              | 1-3/16"  | <b>120375</b> | 1.67 |                |                  |              |
|              | 1-1/4"   | <b>120376</b> | 1.62 |                |                  |              |
|              | 1-5/16"  | <b>120377</b> | 1.55 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/8"   | <b>120378</b> | 1.50 |                |                  |              |
|              | 1-7/16"  | <b>120379</b> | 1.44 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-1/2"   | <b>120380</b> | 1.36 |                |                  |              |
|              | 1-9/16"  | <b>120381</b> | 1.29 |                |                  |              |
|              | 1-5/8"   | <b>120382</b> | 1.29 |                |                  |              |
|              | 1-11/16" | <b>120383</b> | 1.20 |                |                  |              |
|              | 1-3/4"   | <b>120384</b> | 1.19 | 3/8 x 1/8      | 3/8 x 3/16       | 3/8 x 5/16 * |
|              | 1-13/16" | <b>120385</b> | 1.15 |                |                  |              |
|              | 1-7/8"   | <b>120386</b> | 1.07 | 1/2 x 1/16     | 1/2 x 1/4        | 1/2 x 5/16 * |
|              | 1-15/16" | <b>120387</b> | 1.00 |                |                  |              |
|              | 2"       | <b>120581</b> | 0.84 | None           |                  |              |
|              | 24MM     | <b>120103</b> | 1.84 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 25MM     | <b>120104</b> | 1.82 |                |                  |              |
|              | 28MM     | <b>120105</b> | 1.72 |                |                  |              |
|              | 30MM     | <b>120106</b> | 1.66 |                |                  |              |
|              | 32MM     | <b>120107</b> | 1.58 |                |                  |              |
|              | 35MM     | <b>120108</b> | 1.49 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 38MM     | <b>120109</b> | 1.37 |                |                  |              |
|              | 40MM     | <b>120110</b> | 1.28 | 12 X 3.3MM     | 12 X 5MM         | 12 X 8MM     |
|              | 42MM     | <b>120111</b> | 1.18 |                |                  |              |

P/N's marked (+) are Integral Key Bushings

Bore sizes marked (#) will be supplied with 1/2" wide keyway unless the 5/8" wide keyway is specified when ordering

\* Key furnished for these sizes ONLY

\*\* Key not furnished for MM bores sizes

| QD Bush Size | Bore     | P/N           | WT.  | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|----------|---------------|------|----------------|------------------|--------------|
| SK           | 1/2"     | <b>120413</b> | 3.77 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"    | <b>120414</b> | 3.74 |                |                  |              |
|              | 5/8"     | <b>120415</b> | 3.72 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 11/16"   | <b>120416</b> | 3.70 |                |                  |              |
|              | 3/4"     | <b>120417</b> | 3.61 |                |                  |              |
|              | 13/16"   | <b>120418</b> | 3.53 |                |                  |              |
|              | 7/8"     | <b>120419</b> | 3.58 |                |                  |              |
|              | 15/16"   | <b>120420</b> | 3.52 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1"       | <b>120421</b> | 3.45 |                |                  |              |
|              | 1-1/16"  | <b>120422</b> | 3.41 |                |                  |              |
|              | 1-1/8"   | <b>120423</b> | 3.37 |                |                  |              |
|              | 1-3/16"  | <b>120424</b> | 3.31 |                |                  |              |
|              | 1-1/4"   | <b>120425</b> | 3.31 |                |                  |              |
|              | 1-5/16"  | <b>120426</b> | 3.18 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/8"   | <b>120427</b> | 3.12 |                |                  |              |
|              | 1-7/16"  | <b>120428</b> | 3.08 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-1/2"   | <b>120429</b> | 3.00 |                |                  |              |
|              | 1-9/16"  | <b>120430</b> | 2.95 |                |                  |              |
|              | 1-5/8"   | <b>120431</b> | 2.86 |                |                  |              |
|              | 1-11/16" | <b>120432</b> | 2.79 |                |                  |              |
|              | 1-3/4"   | <b>120433</b> | 2.88 |                |                  |              |
|              | 1-13/16" | <b>120434</b> | 2.62 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 1-7/8"   | <b>120435</b> | 2.50 |                |                  |              |
|              | 1-15/16" | <b>120436</b> | 2.42 |                |                  |              |
|              | 2"       | <b>120437</b> | 2.32 |                |                  |              |
|              | 2-1/16"  | <b>120438</b> | 2.26 |                |                  |              |
|              | 2-1/8"   | <b>120439</b> | 2.17 |                |                  |              |
|              | 2-3/16"  | <b>120440</b> | 2.21 | 1/2 x 3/16     | 1/2 x 1/4        | 1/2 x 7/16 * |
|              | 2-1/4"   | <b>120441</b> | 2.09 |                |                  |              |
|              | 2-5/16"  | <b>120442</b> | 2.00 | 5/8 x 1/16     | 5/8 x 5/16       | 5/8 x 3/8 *  |
|              | 2-3/8"   | <b>120443</b> | 1.91 |                |                  |              |
|              | 2-7/16"  | <b>120444</b> | 1.81 |                |                  |              |
|              | 2-1/2"   | <b>120445</b> | 1.72 |                |                  |              |
|              | 2-5/8"   | <b>120447</b> | 1.32 | None           |                  |              |
|              | 24MM     | <b>120112</b> | 3.52 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 25MM     | <b>120113</b> | 3.50 |                |                  |              |
|              | 28MM     | <b>120114</b> | 3.41 |                |                  |              |
|              | 30MM     | <b>120115</b> | 3.31 |                |                  |              |
|              | 32MM     | <b>120116</b> | 3.31 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 35MM     | <b>120117</b> | 3.12 |                |                  |              |
|              | 38MM     | <b>120118</b> | 2.98 |                |                  |              |
|              | 40MM     | <b>120119</b> | 2.95 | 12 X 3.3MM     | 12 X 5MM         | 12 X 8MM     |
|              | 42MM     | <b>120120</b> | 2.86 |                |                  |              |
|              | 45MM     | <b>120070</b> | 2.69 | 14 X 3.8MM     | 14 X 5.5MM       | 14 X 9MM     |
|              | 48MM     | <b>120121</b> | 2.50 |                |                  |              |
|              | 50MM     | <b>120122</b> | 2.40 |                |                  |              |
|              | 55MM     | <b>120123</b> | 2.17 |                |                  |              |
| SF           | 1/2"     | <b>120448</b> | 5.27 | 1/8 x 1/4      | 1/8 x 1/4        | 1/8 x 1/8    |
|              | 9/16"    | <b>120449</b> | 5.27 |                |                  |              |
|              | 5/8"     | <b>120450</b> | 5.22 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 11/16"   | <b>120451</b> | 5.20 |                |                  |              |
|              | 3/4"     | <b>120452</b> | 5.17 |                |                  |              |
|              | 13/16"   | <b>120453</b> | 5.32 |                |                  |              |
|              | 7/8"     | <b>120454</b> | 5.08 |                |                  |              |
|              | 15/16"   | <b>120455</b> | 5.05 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1"       | <b>120456</b> | 5.00 |                |                  |              |
|              | 1-1/16"  | <b>120457</b> | 4.95 |                |                  |              |
|              | 1-1/8"   | <b>120458</b> | 4.90 |                |                  |              |
|              | 1-3/16"  | <b>120459</b> | 4.83 |                |                  |              |
|              | 1-1/4"   | <b>120460</b> | 4.77 |                |                  |              |

|                                     |                                 |                            |                            |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|
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|-------------------------------------|---------------------------------|----------------------------|----------------------------|

## SPECIFICATION



## QD Bushings - Stock Bore

| QD Bush Size | Bore     | P/N    | WT.   | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|----------|--------|-------|----------------|------------------|--------------|
| SF (cont)    | 1-5/16"  | 120461 | 4.71  | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/8"   | 120462 | 4.61  |                |                  |              |
|              | 1-7/16"  | 120463 | 4.57  |                |                  |              |
|              | 1-1/2"   | 120464 | 4.48  |                |                  |              |
|              | 1-9/16"  | 120465 | 4.42  |                |                  |              |
|              | 1-5/8"   | 120466 | 4.32  |                |                  |              |
|              | 1-11/16" | 120467 | 4.31  |                |                  |              |
|              | 1-3/4"   | 120468 | 4.16  |                |                  |              |
|              | 1-13/16" | 120469 | 4.06  | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 1-7/8"   | 120470 | 4.00  |                |                  |              |
|              | 1-15/16" | 120471 | 3.87  |                |                  |              |
|              | 2"       | 120472 | 3.78  |                |                  |              |
|              | 2-1/16"  | 120473 | 3.70  |                |                  |              |
|              | 2-1/8"   | 120474 | 3.57  |                |                  |              |
|              | 2-3/16"  | 120475 | 3.45  |                |                  |              |
|              | 2-1/4"   | 120476 | 3.38  |                |                  |              |
|              | 2-5/16"  | 120477 | 3.32  | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-3/8"   | 120478 | 3.39  |                |                  |              |
|              | 2-7/16"  | 120479 | 3.26  |                |                  |              |
|              | 2-1/2"   | 120592 | 3.16  | 5/8 x 3/16     | 5/8 x 5/16       | 5/8 x 1/2 *  |
|              | 2-5/8"   | 120482 | 2.91  |                |                  |              |
|              | 2-11/16" | 120483 | 2.80  |                |                  |              |
|              | 2-3/4"   | 120484 | 2.59  | 5/8 x 1/16     | 5/8 x 5/16       | 5/8 x 3/8 *  |
|              | 2-13/16" | 120485 | 2.50  |                |                  |              |
|              | 2-7/8"   | 120486 | 2.35  |                |                  |              |
|              | 2-15/16" | 120487 | 2.22  | 3/4 x 1/32     | 3/4 x 3/8        | 3/4 x 7/16 * |
|              | 28MM     | 120124 | 5.00  |                |                  |              |
|              | 30MM     | 120125 | 4.90  |                |                  |              |
|              | 32MM     | 120126 | 4.77  | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 35MM     | 120127 | 4.61  |                |                  |              |
|              | 38MM     | 120128 | 4.48  |                |                  |              |
|              | 40MM     | 120129 | 4.42  | 12 X 3.3MM     | 12 X 5MM         | 12 X 8MM     |
|              | 42MM     | 120130 | 4.32  |                |                  |              |
|              | 45MM     | 120071 | 4.16  | 14 X 3.8MM     | 14 X 5.5MM       | 14 X 9MM     |
|              | 48MM     | 120131 | 4.00  |                |                  |              |
|              | 50MM     | 120132 | 3.87  |                |                  |              |
|              | 55MM     | 120133 | 3.57  | 16 X 4.3MM     | 16 X 6MM         | 16 X 10MM    |
|              | 60MM     | 120134 | 3.39  |                |                  |              |
| E            | 7/8"     | 120488 | 11.80 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 1"       | 120490 | 11.65 |                |                  |              |
|              | 1-1/8"   | 120492 | 11.46 |                |                  |              |
|              | 1-3/16"  | 120493 | 11.40 |                |                  |              |
|              | 1-1/4"   | 120494 | 11.33 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-5/16"  | 120495 | 11.26 |                |                  |              |
|              | 1-3/8"   | 120496 | 11.20 |                |                  |              |
|              | 1-7/16"  | 120497 | 11.13 |                |                  |              |
|              | 1-1/2"   | 120498 | 10.86 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-9/16"  | 120499 | 10.82 |                |                  |              |
|              | 1-5/8"   | 120500 | 10.69 |                |                  |              |
|              | 1-11/16" | 120501 | 10.56 |                |                  |              |
|              | 1-3/4"   | 120502 | 10.46 |                |                  |              |

| QD Bush Size | Bore     | P/N    | WT.   | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|----------|--------|-------|----------------|------------------|--------------|
| E (cont)     | 1-13/16" | 120503 | 10.16 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 1-7/8"   | 120504 | 10.16 |                |                  |              |
|              | 1-15/16" | 120505 | 10.16 |                |                  |              |
|              | 2"       | 120506 | 10.01 |                |                  |              |
|              | 2-1/16"  | 120507 | 9.85  |                |                  |              |
|              | 2-1/8"   | 120508 | 9.73  |                |                  |              |
|              | 2-3/16"  | 120509 | 9.42  |                |                  |              |
|              | 2-1/4"   | 120510 | 9.42  |                |                  |              |
|              | 2-5/16"  | 120511 | 9.07  | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-3/8"   | 120512 | 8.95  |                |                  |              |
|              | 2-7/16"  | 120513 | 8.77  |                |                  |              |
|              | 2-1/2"   | 120514 | 8.72  |                |                  |              |
|              | 2-5/8"   | 120516 | 8.37  |                |                  |              |
|              | 2-11/16" | 120517 | 8.05  |                |                  |              |
|              | 2-3/4"   | 120518 | 7.90  |                |                  |              |
|              | 2-13/16" | 120519 | 7.70  | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|              | 2-7/8"   | 120520 | 7.32  |                |                  |              |
|              | 2-15/16" | 120521 | 7.53  | 3/4 x 1/8      | 3/4 x 3/8        | 3/4 x 1/2 *  |
|              | 3"       | 120522 | 7.31  |                |                  |              |
|              | 3-1/8"   | 120524 | 6.90  |                |                  |              |
|              | 3-3/16"  | 120525 | 6.69  |                |                  |              |
|              | 3-1/4"   | 120526 | 6.48  |                |                  |              |
|              | 3-5/16"  | 120527 | 6.10  | 7/8 x 1/8      | 7/8 x 7/16       | 7/8 x 9/16 * |
|              | 3-3/8"   | 120528 | 6.21  |                |                  |              |
|              | 3-7/16"  | 120529 | 5.86  |                |                  |              |
|              | 3-1/2"   | 120530 | 5.73  | 7/8 x 1/16     | 7/8 x 7/16       | 7/8 x 1/2 *  |
|              | 28MM     | 120073 | 10.20 |                |                  |              |
|              | 30MM     | 120074 | 10.20 |                |                  |              |
|              | 32MM     | 120075 | 10.20 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 35MM     | 120135 | 10.20 |                |                  |              |
|              | 38MM     | 120136 | 10.00 |                |                  |              |
|              | 40MM     | 120137 | 10.88 | 12 X 3.3MM     | 12 X 5MM         | 12 X 8MM     |
|              | 42MM     | 120138 | 9.80  |                |                  |              |
|              | 45MM     | 120141 | 9.60  | 14 X 3.8MM     | 14 X 5.5MM       | 14 X 9MM     |
|              | 48MM     | 120139 | 10.26 |                |                  |              |
|              | 50MM     | 120140 | 10.06 |                |                  |              |
|              | 55MM     | 120142 | 9.56  | 16 X 4.3MM     | 16 X 6MM         | 16 X 10MM    |
|              | 60MM     | 120143 | 9.10  |                |                  |              |
|              | 65MM     | 120144 | 9.60  |                |                  |              |
|              | 70MM     | 120145 | 7.87  | 20 X 4.9MM     | 20 x 7.5MM       | 20 X 12MM    |
|              | 75MM     | 120146 | 7.28  |                |                  |              |
| F            | 1"       | 120531 | 19.41 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/8"   | 120533 | 19.15 |                |                  |              |
|              | 1-3/16"  | 120534 | 18.00 |                |                  |              |
|              | 1-1/4"   | 120535 | 18.99 |                |                  |              |
|              | 1-3/8"   | 120537 | 18.68 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-7/16"  | 120538 | 18.56 |                |                  |              |
|              | 1-1/2"   | 120539 | 18.48 |                |                  |              |
|              | 1-9/16"  | 120540 | 18.40 |                |                  |              |
|              | 1-5/8"   | 120541 | 18.15 |                |                  |              |
|              | 1-11/16" | 120542 | 17.91 |                |                  |              |
|              | 1-3/4"   | 120543 | 16.77 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-13/16" | 120544 | 17.62 |                |                  |              |
|              | 1-7/8"   | 120545 | 16.41 |                |                  |              |
|              | 1-15/16" | 120546 | 16.00 |                |                  |              |
|              | 2"       | 120547 | 16.00 |                |                  |              |
|              | 2-1/16"  | 120548 | 16.00 |                |                  |              |
|              | 2-1/8"   | 120549 | 15.95 |                |                  |              |
|              | 2-3/16"  | 120550 | 15.95 |                |                  |              |
|              | 2-1/4"   | 120551 | 15.95 |                |                  |              |

P/N's marked (+) are Integral Key Bushings

Bore sizes marked (#) will be supplied with 1/2" wide keyway unless the 5/8" wide keyway is specified when ordering

\* Key furnished for these sizes ONLY

\*\* Key not furnished for MM bores sizes

# SPECIFICATION



## QD Bushings - Stock Bore

| QD Bush Size       | Bore     | P/N           | WT.   | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------------|----------|---------------|-------|----------------|------------------|--------------|
| <b>F</b><br>(cont) | 2-5/16"  | <b>120552</b> | 15.95 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|                    | 2-3/8"   | <b>120553</b> | 15.50 |                |                  |              |
|                    | 2-7/16"  | <b>120554</b> | 15.50 |                |                  |              |
|                    | 2-1/2"   | <b>120555</b> | 15.37 |                |                  |              |
|                    | 2-5/8"   | <b>120557</b> | 14.86 |                |                  |              |
|                    | 2-11/16" | <b>120558</b> | 14.50 |                |                  |              |
|                    | 2-3/4"   | <b>120559</b> | 14.37 |                |                  |              |
|                    | 2-13/16" | <b>120560</b> | 14.00 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|                    | 2-7/8"   | <b>120561</b> | 14.02 |                |                  |              |
|                    | 2-15/16" | <b>120562</b> | 13.47 |                |                  |              |
|                    | 3"       | <b>120563</b> | 13.20 |                |                  |              |
|                    | 3-1/8"   | <b>120565</b> | 12.67 |                |                  |              |
|                    | 3-3/16"  | <b>120566</b> | 12.50 |                |                  |              |
|                    | 3-1/4"   | <b>120567</b> | 12.00 |                |                  |              |
|                    | 3-3/8"   | <b>120569</b> | 12.00 | 7/8 x 3/16     | 7/8 x 7/16       | 7/8 x 5/8 *  |
|                    | 3-7/16"  | <b>120570</b> | 11.88 |                |                  |              |
|                    | 3-1/2"   | <b>120571</b> | 11.40 |                |                  |              |
|                    | 3-5/8"   | <b>120573</b> | 10.53 |                |                  |              |
|                    | 3-11/16" | <b>120574</b> | 14.00 |                |                  |              |
|                    | 3-3/4"   | <b>120575</b> | 9.89  |                |                  |              |
|                    | 3-7/8"   | <b>120577</b> | 9.26  | 1 x 1/8        | 1 x 1/2          | 1 x 5/8 *    |
|                    | 3-15/16" | <b>120578</b> | 9.23  |                |                  |              |
|                    | 4"       | <b>120579</b> | 7.96  | None           |                  |              |
|                    | 45MM     | <b>120076</b> | 16.20 | 14 X 3.8MM     | 14 X 5.5MM       | 14 X 9MM     |
|                    | 48MM     | <b>120147</b> | 16.00 |                |                  |              |
|                    | 50MM     | <b>120148</b> | 15.80 |                |                  |              |
|                    | 55MM     | <b>120149</b> | 15.80 | 16 X 4.3MM     | 16 X 6MM         | 16 X 10MM    |
|                    | 60MM     | <b>120150</b> | 15.80 | 18 X 4.4MM     | 18 X 7MM         | 18 X 11MM    |
|                    | 65MM     | <b>120151</b> | 14.30 | 20 X 4.9MM     | 20 x 7.5MM       | 20 X 12MM    |
|                    | 70MM     | <b>120152</b> | 14.30 |                |                  |              |
|                    | 75MM     | <b>120153</b> | 13.50 |                |                  |              |
|                    | 80MM     | <b>120154</b> | 12.55 | 22 X 5.4MM     | 22 X 9MM         | 22 X 14MM    |
|                    | 85MM     | <b>120155</b> | 10.60 |                |                  |              |
|                    | 90MM     | <b>120077</b> | 10.50 | 25 X 5.4MM     | 25 X 9MM         | 25 X 14MM    |
| <b>J</b>           | 1-1/2"   | <b>120600</b> | 28.97 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|                    | 1-5/8"   | <b>120601</b> | 28.61 |                |                  |              |
|                    | 1-3/4"   | <b>120603</b> | 28.28 |                |                  |              |
|                    | 1-7/8"   | <b>120604</b> | 27.79 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|                    | 1-15/16" | <b>120605</b> | 27.53 |                |                  |              |
|                    | 2"       | <b>120606</b> | 27.33 |                |                  |              |
|                    | 2-1/8"   | <b>120607</b> | 26.74 |                |                  |              |
|                    | 2-3/16"  | <b>120608</b> | 26.37 |                |                  |              |
|                    | 2-1/4"   | <b>120609</b> | 26.32 |                |                  |              |
|                    | 2-3/8"   | <b>120610</b> | 25.65 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|                    | 2-7/16"  | <b>120611</b> | 25.52 |                |                  |              |
|                    | 2-1/2"   | <b>120612</b> | 25.05 |                |                  |              |
|                    | 2-5/8"   | <b>120613</b> | 24.50 |                |                  |              |
|                    | 2-11/16" | <b>120614</b> | 24.18 |                |                  |              |
|                    | 2-3/4"   | <b>120615</b> | 23.86 |                |                  |              |

| QD Bush Size       | Bore     | P/N           | WT.   | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------------|----------|---------------|-------|----------------|------------------|--------------|
| <b>J</b><br>(cont) | 2-7/8"   | <b>120617</b> | 23.15 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|                    | 2-15/16" | <b>120618</b> | 23.07 |                |                  |              |
|                    | 3"       | <b>120619</b> | 22.43 |                |                  |              |
|                    | 3-1/8"   | <b>120620</b> | 21.68 |                |                  |              |
|                    | 3-3/16"  | <b>120621</b> | 21.35 |                |                  |              |
|                    | 3-1/4"   | <b>120622</b> | 20.98 |                |                  |              |
|                    | 3-3/8"   | <b>120623</b> | 20.33 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8    |
|                    | 3-7/16"  | <b>120624</b> | 21.13 |                |                  |              |
|                    | 3-1/2"   | <b>120625</b> | 19.58 |                |                  |              |
|                    | 3-5/8"   | <b>120626</b> | 18.44 |                |                  |              |
|                    | 3-11/16" | <b>120627</b> | 18.04 |                |                  |              |
|                    | 3-3/4"   | <b>120628</b> | 17.62 |                |                  |              |
|                    | 3-7/8"   | <b>120629</b> | 17.94 | 1 x 1/8        | 1 x 1/2          | 1 x 5/8 *    |
|                    | 3-15/16" | <b>120630</b> | 17.38 |                |                  |              |
|                    | 4"       | <b>120631</b> | 16.62 |                |                  |              |
|                    | 4-1/8"   | <b>120632</b> | 15.69 |                |                  |              |
|                    | 4-3/16"  | <b>120633</b> | 14.55 |                |                  |              |
|                    | 4-1/4"   | <b>120634</b> | 14.68 |                |                  |              |
|                    | 4-3/8"   | <b>120635</b> | 14.00 |                |                  |              |
|                    | 4-7/16"  | <b>120636</b> | 13.49 |                |                  |              |
|                    | 4-1/2"   | <b>120637</b> | 12.67 |                |                  |              |
|                    | 50MM     | <b>120157</b> | 26.50 | 14 X 3.8MM     | 14 X 5.5MM       | 14 X 9MM     |
|                    | 55MM     | <b>120158</b> | 25.60 | 16 X 4.3MM     | 16 X 6MM         | 16 X 10MM    |
|                    | 60MM     | <b>120159</b> | 25.82 | 18 X 4.4MM     | 18 X 7MM         | 18 X 11MM    |
|                    | 65MM     | <b>120160</b> | 25.25 |                |                  |              |
|                    | 70MM     | <b>120161</b> | 24.04 |                |                  |              |
|                    | 75MM     | <b>120162</b> | 21.90 | 20 X 4.9MM     | 20 x 7.5MM       | 20 X 12MM    |
|                    | 80MM     | <b>120163</b> | 20.90 | 22 X 5.4MM     | 22 X 9MM         | 22 X 14MM    |
|                    | 85MM     | <b>120164</b> | 20.52 |                |                  |              |
|                    | 90MM     | <b>120165</b> | 18.10 |                |                  |              |
|                    | 95MM     | <b>120166</b> | 16.80 | 25 X 5.4MM     | 25 X 9MM         | 25 X 14MM    |
|                    | 100MM    | <b>120167</b> | 16.50 | 26 X 6.4MM     | 28 X 10MM        | 28 X 16MM    |
| <b>M</b>           | 2"       | <b>119900</b> | 62.65 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|                    | 2-1/8"   | <b>119901</b> | 62.65 |                |                  |              |
|                    | 2-3/16"  | <b>119902</b> | 61.58 |                |                  |              |
|                    | 2-1/4"   | <b>119903</b> | 61.14 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|                    | 2-3/8"   | <b>119904</b> | 59.50 |                |                  |              |
|                    | 2-7/16"  | <b>119905</b> | 59.35 |                |                  |              |
|                    | 2-1/2"   | <b>119906</b> | 59.21 |                |                  |              |
|                    | 2-5/8"   | <b>119907</b> | 58.69 |                |                  |              |
|                    | 2-3/4"   | <b>119908</b> | 57.86 |                |                  |              |
|                    | 2-7/8"   | <b>119909</b> | 56.57 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|                    | 2-15/16" | <b>119910</b> | 56.17 |                |                  |              |
|                    | 3"       | <b>119911</b> | 56.10 |                |                  |              |
|                    | 3-1/8"   | <b>119912</b> | 55.82 |                |                  |              |
|                    | 3-3/16"  | <b>119913</b> | 53.84 |                |                  |              |
|                    | 3-1/4"   | <b>119914</b> | 53.42 |                |                  |              |
|                    | 3-3/8"   | <b>119915</b> | 52.06 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8    |
|                    | 3-7/16"  | <b>119916</b> | 52.04 |                |                  |              |
|                    | 3-1/2"   | <b>119917</b> | 51.12 |                |                  |              |
|                    | 3-5/8"   | <b>119918</b> | 50.08 |                |                  |              |
|                    | 3-11/16" | <b>119919</b> | 49.00 |                |                  |              |
|                    | 3-3/4"   | <b>119920</b> | 48.47 |                |                  |              |
|                    | 3-7/8"   | <b>119921</b> | 47.03 | 1 x 1/2        | 1 x 1/2          | 1 x 1        |
|                    | 3-15/16" | <b>119922</b> | 46.26 |                |                  |              |
|                    | 4"       | <b>119923</b> | 46.09 |                |                  |              |
|                    | 4-1/8"   | <b>119924</b> | 44.31 |                |                  |              |
|                    | 4-3/16"  | <b>119925</b> | 43.64 |                |                  |              |
|                    | 4-1/4"   | <b>119926</b> | 42.81 |                |                  |              |

P/N's marked (+) are Integral Key Bushings

Bore sizes marked (#) will be supplied with 1/2" wide keyway unless the 5/8" wide keyway is specified when ordering

\* Key furnished for these sizes ONLY

\*\* Key not furnished for MM bores sizes

|                                     |                                 |                            |                            |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|
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|-------------------------------------|---------------------------------|----------------------------|----------------------------|

## SPECIFICATION

## QD Bushings - Stock Bore



| QD Bush Size    | Bore     | P/N           | WT.   | Bushing Keyway | Shaft Keyway REF | Key Size REF  |
|-----------------|----------|---------------|-------|----------------|------------------|---------------|
| <b>M (cont)</b> | 4-3/8"   | <b>119927</b> | 41.46 | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|                 | 4-7/16"  | <b>119928</b> | 40.60 |                |                  |               |
|                 | 4-1/2"   | <b>119929</b> | 40.27 |                |                  |               |
|                 | 4-11/16" | <b>119930</b> | 37.12 | 1-1/4 x 5/8    | 1-1/4 x 5/8      | 1-1/4 x 1-1/4 |
|                 | 4-3/4"   | <b>119931</b> | 37.00 |                |                  |               |
|                 | 4-7/8"   | <b>119932</b> | 36.89 | 1-1/4 x 1/4    | 1-1/4 x 5/8      | 1-1/4 x 7/8 * |
|                 | 4-15/16" | <b>119933</b> | 36.13 |                |                  |               |
|                 | 5"       | <b>119934</b> | 35.66 |                |                  |               |
|                 | 5-1/8"   | <b>119899</b> | 35.00 |                |                  |               |
|                 | 5-3/16"  | <b>119894</b> | 35.00 |                |                  |               |
|                 | 5-1/4"   | <b>119935</b> | 30.00 |                |                  |               |
|                 | 5-7/16"  | <b>119936</b> | 30.00 |                |                  |               |
|                 | 5-1/2"   | <b>119937</b> | 29.00 |                |                  |               |
| <b>N</b>        | 2-7/16"  | <b>119940</b> | 87.57 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8     |
|                 | 2-15/16" | <b>119941</b> | 83.00 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4     |
|                 | 3-7/16"  | <b>119942</b> | 80.00 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8     |
|                 | 3-1/2"   | <b>119980</b> | 80.00 |                |                  |               |
|                 | 3-3/4"   | <b>119943</b> | 80.00 |                |                  |               |
|                 | 3-7/8"   | <b>119944</b> | 80.00 | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|                 | 3-15/16" | <b>119945</b> | 80.00 |                |                  |               |
|                 | 4"       | <b>119946</b> | 80.00 |                |                  |               |
|                 | 4-3/16"  | <b>119947</b> | 80.00 |                |                  |               |
|                 | 4-1/4"   | <b>119948</b> | 80.00 |                |                  |               |
|                 | 4-3/8"   | <b>119982</b> | 79.00 |                |                  |               |
|                 | 4-7/16"  | <b>119949</b> | 78.00 |                |                  |               |
|                 | 4-1/2"   | <b>119950</b> | 77.00 |                |                  |               |
|                 | 4-11/16" | <b>119983</b> | 76.00 | 1-1/4 x 5/8    | 1-1/4 x 5/8      | 1-1/4 x 1-1/4 |
|                 | 4-3/4"   | <b>119951</b> | 75.00 |                |                  |               |
|                 | 4-7/8"   | <b>119952</b> | 74.00 |                |                  |               |
|                 | 4-15/16" | <b>119953</b> | 73.00 |                |                  |               |
|                 | 5"       | <b>119954</b> | 72.00 | 1-1/4 x 1/4    | 1-1/4 x 5/8      | 1-1/4 x 7/8 * |
|                 | 5-1/8"   | <b>119955</b> | 71.00 |                |                  |               |
|                 | 5-3/16"  | <b>119986</b> | 70.50 |                |                  |               |
|                 | 5-1/4"   | <b>119956</b> | 70.00 |                |                  |               |
|                 | 5-7/16"  | <b>119957</b> | 52.19 |                |                  |               |
|                 | 5-1/2"   | <b>119958</b> | 49.02 |                |                  |               |
|                 | 5-3/4"   | <b>119959</b> | 49.00 | 1-1/2 x 1/8    | 1-1/2 x 3/4      | 1-1/2 x 7/8 * |
|                 | 5-7/8"   | <b>119960</b> | 44.00 |                |                  |               |
|                 | 5-15/16" | <b>119961</b> | 43.00 |                |                  |               |
|                 | 6"       | <b>119962</b> | 42.00 |                |                  |               |

| QD Bush Size | Bore                                                        | P/N           | WT.    | Bushing Keyway | Shaft Keyway REF | Key Size REF  |
|--------------|-------------------------------------------------------------|---------------|--------|----------------|------------------|---------------|
| <b>P</b>     | 3-7/16"                                                     | <b>119965</b> | 134.00 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8     |
|              | 3-15/16"                                                    | <b>119966</b> | 122.00 | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 4"                                                          | <b>119987</b> | 122.00 |                |                  |               |
|              | 4-7/16"                                                     | <b>119967</b> | 122.40 |                |                  |               |
|              | 4-1/2"                                                      | <b>119968</b> | 121.00 |                |                  |               |
|              | 4-3/4"                                                      | <b>119969</b> | 120.00 | 1-1/4 x 5/8    | 1-1/4 x 5/8      | 1-1/4 x 1-1/4 |
|              | 4-7/8"                                                      | <b>119985</b> | 120.00 |                |                  |               |
|              | 4-15/16"                                                    | <b>119970</b> | 119.00 |                |                  |               |
|              | 5"                                                          | <b>119971</b> | 115.00 |                |                  |               |
|              | 5-3/16"                                                     | <b>119984</b> | 114.00 |                |                  |               |
|              | 5-7/16"                                                     | <b>119972</b> | 113.00 |                |                  |               |
|              | 5-1/2"                                                      | <b>119973</b> | 100.00 |                |                  |               |
|              | 5-15/16"                                                    | <b>119974</b> | 94.00  |                |                  |               |
|              | 6"                                                          | <b>119975</b> | 93.70  | 1-1/2 x 1/4    | 1-1/2 x 3/4      | 1-1/2 x 1 *   |
|              | 6-7/16"                                                     | <b>119976</b> | 83.50  |                |                  |               |
|              | 6-1/2"                                                      | <b>119977</b> | 80.50  |                |                  |               |
|              | 7"                                                          | <b>119978</b> | 68.00  | 1-3/4 x 1/8    | 1-3/4 x 3/4      | 1-3/4 x 7/8 * |
| <b>W</b>     | 4-1/4"                                                      | <b>120180</b> | 260.00 | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 4-7/16"                                                     | <b>120181</b> | 256.60 |                |                  |               |
|              | 4-1/2"                                                      | <b>120182</b> | 255.40 |                |                  |               |
|              | 4-3/4"                                                      | <b>120183</b> | 250.00 | 1-1/4 x 5/8    | 1-1/4 x 5/8      | 1-1/4 x 1-1/4 |
|              | 5"                                                          | <b>120186</b> | 244.30 |                |                  |               |
|              | 5-3/8"                                                      | <b>120188</b> | 235.30 |                |                  |               |
|              | 5-1/2"                                                      | <b>120189</b> | 232.20 |                |                  |               |
|              | 5-3/4"                                                      | <b>120190</b> | 225.70 | 1-1/2 x 3/4    | 1-1/2 x 3/4      | 1-1/2 x 1-1/2 |
|              | 5-7/8"                                                      | <b>120191</b> | 222.30 |                |                  |               |
|              | 5-15/16"                                                    | <b>120192</b> | 220.00 |                |                  |               |
|              | 6"                                                          | <b>120193</b> | 218.90 |                |                  |               |
|              | 6-1/2"                                                      | <b>120194</b> | 215.00 |                |                  |               |
|              | 6-3/4"                                                      | <b>120328</b> | 210.00 | 1-3/4 x 3/4    | 1-3/4 x 3/4      | 1-3/4 x 1-1/2 |
|              | 7"                                                          | <b>120196</b> | 184.90 |                |                  |               |
|              | 7-1/4"                                                      | <b>120197</b> | 184.40 |                |                  |               |
|              | 7-1/2"                                                      | <b>120198</b> | 175.80 |                |                  |               |
|              | 7-3/4"                                                      | <b>120199</b> | 172.00 |                |                  |               |
|              | 8"                                                          | <b>120200</b> | 159.70 | 2 x 1/4        | 2 x 3/4          | 2 x 1 *       |
| <b>S</b>     | ▼ Bushings size available please call Dodge for information |               |        |                |                  |               |

P/N's marked (+) are Integral Key Bushings

Bore sizes marked (#) will be supplied with 1/2" wide keyway unless the 5/8" wide keyway is specified when ordering

\* Key furnished for these sizes ONLY

\*\* Key not furnished for MM bores sizes

# SPECIFICATION



## QD Reborable

| QD Bush Size | Sintered Steel |        | Cast Iron |        | Ductile Iron |        |
|--------------|----------------|--------|-----------|--------|--------------|--------|
|              | Bore           | P/N    | Bore      | P/N    | Bore         | P/N    |
| QT (L)       | 3/8"           | 120595 |           |        |              |        |
| JA           | 1/2"           | 120050 |           |        |              |        |
| SH           | 1/2"           | 120051 |           |        | 1/2"         | 119876 |
| SDS          | 1/2"           | 120052 |           |        | 1-7/16"      | 119877 |
| SD           | 1/2"           | 120053 |           |        | 1-9/16"      | 119878 |
| SK           | 1/2"           | 120054 |           |        | 2"           | 119879 |
| SF           | 1/2"           | 120055 |           |        | 2-5/16"      | 119880 |
| E            |                |        | 7/8"      | 120056 | 7/8"         | 119881 |
| F            |                |        | 1"        | 120057 | 1"           | 119882 |
| J            |                |        | 1-1/2"    | 120058 | 1-1/2"       | 119883 |
| M            |                |        | 2"        | 119938 | 2"           | 119884 |
| N            |                |        | 2-7/16"   | 119963 | 2-7/16"      | 119885 |
| P            |                |        | 3-7/16"   | 119979 | 3-7/16"      | 119886 |
| W            |                |        | 4"        | 120276 |              |        |
| S            |                |        | 5-1/2"    | 394059 |              |        |

**NOTE:** All reborable bushings are stocked without sawsplit to facilitate re-machining. Sawsplit must be made in bushing to allow it to compress for proper gripping of the shaft. Factory rebores and keyseat service as listed in MLP price book includes sawsplit.

## QD - Maximum Bore Capacities

| QD Bush Size | Sintered Steel |             |        | Cast Iron |             |        | Ductile Iron |             |          |        |
|--------------|----------------|-------------|--------|-----------|-------------|--------|--------------|-------------|----------|--------|
|              | Full Key       | Shallow Key | Metric | Full Key  | Shallow Key | Metric | Full Key     | Shallow Key | No Key*  | Metric |
| QT (L)       |                |             |        |           |             |        |              |             |          |        |
| JA           | 1"             | 1-1/16"     | 25     |           |             |        | 1"           | 1-3/16"     | 1-1/4"   | 25     |
| SH           | 1-1/4"         | 1-1/4"      | 30     |           |             |        | 1-3/8"       | 1-5/8"      | 1-11/16" | 35     |
| SDS          | 1-9/16"        | 1-5/8"      | 40     |           |             |        | 1-5/8"       | 1-15/16"    | 2"       | 42     |
| SD           | 1-9/16"        | 1-9/16"     | 40     |           |             |        | 1-11/16"     | 1-15/16"    | 2"       | 42     |
| SK           | 2"             | 2-1/16"     | 50     |           |             |        | 2-1/2"       | 2-1/2"      | 2-5/8"   | 55     |
| SF           | 2-1/4"         | 2-3/8"      | 55     |           |             |        | 2-5/16"      | 2-15/16"    | 2-15/16" | 65     |
| E            |                |             |        | 2-3/4"    | 3"          | 70     | 2-7/8"       | 3-1/2"      | 3-1/2"   | 89     |
| F            |                |             |        | 3-1/4"    | 3-7/16"     | 90     | 3-1/4"       | 3-15/16"    | 4"       | 101    |
| J            |                |             |        | 3-3/4"    | 3-7/8"      | 100    | 3-3/4"       | 4-1/2"      | 4-1/2"   | 114    |
| M            |                |             |        | 4-3/4"    | 5"          | 120    | 4-3/4"       | 5-1/2"      | 5-1/2"   | 139    |
| N            |                |             |        | 5"        | 5-1/4"      | 130    | 5"           | 6"          | 6"       | 149    |
| P            |                |             |        | 5-1/2"    | 7"          | 160    | 5-1/2"       | 7"          | 7"       | 177    |
| W            |                |             |        | 6-1/2"    | 7"          | 165    | 6-1/2"       | 8-1/2"      | 8-1/2"   | 216    |
| S            |                |             |        | 8-1/4"    | 8-1/4"      | 209    | 8-1/4"       | 10"         | 10"      | 250    |

**NOTE:** ISO STANDARD METHOD FOR MEASURING KEYSEAT DEPTH  
MM Bore and Keyway dimensions conform to ISO standard recommendation R773, for "Free" fit

### REFERENCE:

1 inch = 25.4 millimeters  
1 millimeter = .03937 inches

\* Verify torque capacity: Contact Application Engineering for assistance

|                                     |                                 |                            |                            |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|
| T-L FEATURES/BENEFITS<br>PAGE PT6-2 | T-L SPECIFICATION<br>PAGE PT6-3 | QD BUSHINGS<br>PAGE PT6-17 | GT BUSHINGS<br>PAGE PT6-29 |
|-------------------------------------|---------------------------------|----------------------------|----------------------------|



# SPECIFICATION

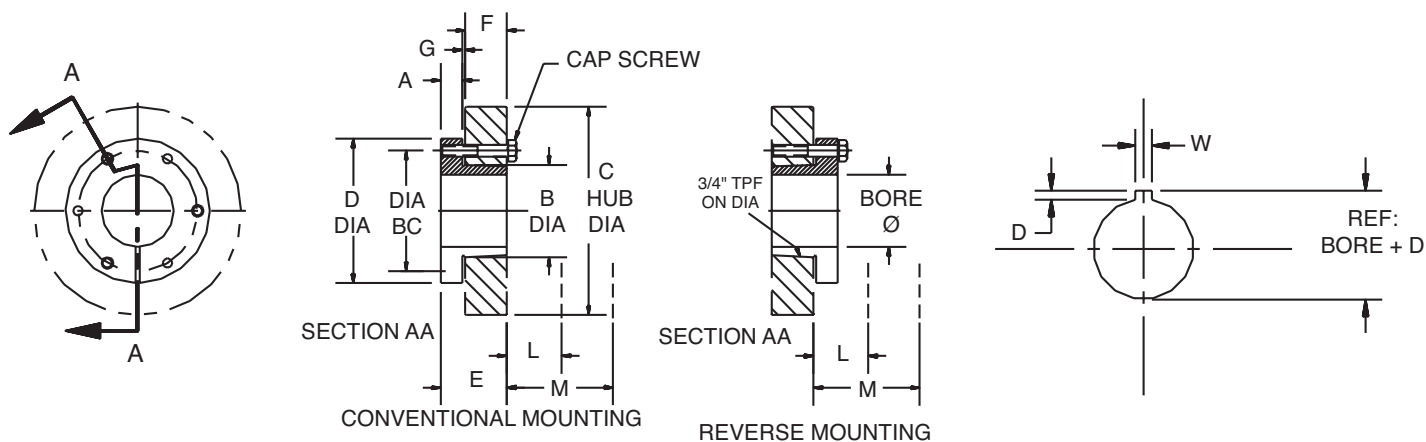
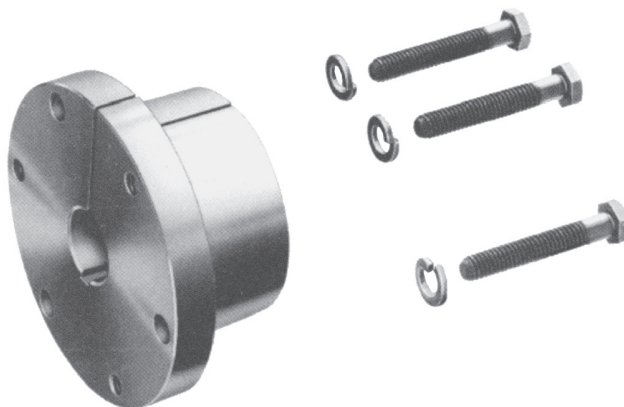
## QD Bushing - Metric Bore/Metric Hardware

### FEATURES

- ◆ DODGE QD-style bushings stocked in popular finish bore sizes and minimum plain bore, for custom reboring
- ◆ DODGE Metric QD bushings supplied with metric hex-head cap screws and lock washers
- ◆ Stock reborable bushings available for custom reboring
- ◆ Reboring and sawsplit available from DODGE for nominal extra charge

**NOTE:** Rebore by others must be sawsplit after rebore

- ◆ Can be used with DODGE HTD sprockets for conventional mounting only (*English thread hardware required for demounting.*)





# SPECIFICATION

## QD Bushing - Metric Bore/Metric Hardware

### Stock Reborable Bushings & Specifications

| Bush Sym | Ductile Iron |          |            | Dimensions (MM) |        |           |        |        |        |        |       |
|----------|--------------|----------|------------|-----------------|--------|-----------|--------|--------|--------|--------|-------|
|          | Part No.     | Max Bore | Stock Bore | A MM            | B MM   | C Hub Dia |        | D MM   | E MM   | F MM   | G MM  |
|          |              |          |            |                 |        | Iron      | Steel  |        |        |        |       |
| QT / (L) | 119861       | 35       | 10.00      | 6.40            | 41.40  | 76.20     | 69.90  | 63.50  | 33.30  | 22.20  | 4.80  |
| JA       | 119860       | 25       | 12.70      | 7.90            | 35.10  | 99.80     | 57.20  | 50.80  | 25.40  | 14.20  | 3.10  |
| SH       | 119862       | 36       | 12.70      | 10.90           | 47.80  | 120.70    | 76.20  | 66.80  | 33.30  | 20.60  | 3.10  |
| SDS      | 119863       | 42       | 36.51      | 10.90           | 55.40  | 120.70    | 88.90  | 80.80  | 33.30  | 19.10  | 3.10  |
| SD       | 119864       | 42       | 39.69      | 10.90           | 55.40  | 96.80     | 88.90  | 80.80  | 46.00  | 31.80  | 3.10  |
| SK       | 119865       | 55       | 50.80      | 14.20           | 71.40  | 120.70    | 114.30 | 98.60  | 49.00  | 31.80  | 5.60  |
| SF       | 119866       | 60       | 58.74      | 16.00           | 79.50  | 162.10    | 139.70 | 117.60 | 52.30  | 31.80  | 5.60  |
| E        | 119867       | 82       | 22.20      | 22.40           | 97.30  | 190.50    | 165.10 | 152.40 | 69.90  | 41.40  | 6.40  |
| F        | 119868       | 92       | 25.40      | 25.40           | 115.50 | 196.90    | 184.20 | 168.40 | 95.30  | 63.50  | 8.60  |
| J        | 119869       | 104      | 38.10      | 28.70           | 130.60 | 228.60    | 203.20 | 184.20 | 117.60 | 80.80  | 9.70  |
| M        | 119870       | 130      | 50.80      | 31.80           | 165.10 | 289.10    | 254.00 | 228.60 | 171.50 | 131.60 | 10.40 |

| Bushing  |                      |                 | Bolt |             |            |                  |
|----------|----------------------|-----------------|------|-------------|------------|------------------|
| Type     | Torque Capacity (Nm) | Center Dia (mm) | Qty  | Length (mm) | Size       | Bolt Torque (Nm) |
| QT / (L) | 113                  | 50.8            | 2    | 22          | M6 x 1     | 9.6              |
| JA       | 113                  | 42.3            | 3    | 25          | M5 x 0.8   | 5.6              |
| SH       | 395                  | 57.2            | 3    | 35          | M6 x 1     | 11.5             |
| SDS      | 565                  | 68.3            | 3    | 35          | M6 x 1     | 11.5             |
| SD       | 565                  | 68.3            | 3    | 50          | M6 x 1     | 11.5             |
| SK       | 781                  | 84.1            | 3    | 50          | M8 x 1.25  | 20.5             |
| SF       | 1243                 | 98.4            | 3    | 50          | M10 x 1.5  | 34.0             |
| E        | 2260                 | 127.0           | 3    | 70          | M12 x 1.75 | 77.0             |
| F        | 3390                 | 142.9           | 3    | 100         | M14 x 2    | 100.0            |
| J        | 5085                 | 158.8           | 3    | 120         | M16 x 2    | 194.5            |
| M        | 9600                 | 200.0           | 4    | 180         | M20 x 2.5  | 256.0            |

## QD Bushing - Metric Series

### Metric QD Bushing - Metric Hardware

| MM Bore | Bushing No. |         |         |         |         |         |         |         |         | MM Keyway |      |
|---------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|------|
|         | QT / (L)    | JA      | SH      | SDS     | SD      | SK      | SF      | E       | F       | W         | D    |
| 14      | -----       | 117377  | -----   | -----   | -----   | -----   | -----   | -----   | -----   | 5         | 2.30 |
| 19      | -----       | 117371  | -----   | -----   | -----   | -----   | -----   | -----   | -----   | 6         | 2.80 |
| 20      | -----       | 117372  | 117378  | 117385  | -----   | -----   | -----   | -----   | -----   | 6         | 2.80 |
| 24      | -----       | 117373  | 117379  | 117386  | 117531  | 117540  | -----   | -----   | -----   | 8         | 3.30 |
| 25      | 117356      | 117374* | 117380  | 117387  | 117532  | 117541  | 117553  | -----   | -----   | 8         | 3.30 |
| 28      | -----       | -----   | 117381  | 117388  | 117533  | 117542  | 117554  | -----   | -----   | 8         | 3.30 |
| 30      | 117357      | -----   | 117382  | 117389  | 117534  | 117543  | 117555  | -----   | -----   | 8         | 3.30 |
| 32      | 117358*     | -----   | 117383* | 117390  | 117535  | 117544  | 117556  | -----   | -----   | 10        | 3.30 |
| 35      | -----       | -----   | 117384* | 117391  | 117536  | 117545  | 117557  | -----   | -----   | 10        | 3.30 |
| 38      | -----       | -----   | -----   | 117392  | 117537  | 117546  | 117558  | -----   | -----   | 10        | 3.30 |
| 40      | -----       | -----   | -----   | 117393  | 117538  | 117547  | 117559  | 117571* | 117583* | 12        | 3.30 |
| 42      | -----       | -----   | -----   | 117394* | 117539* | 117548  | 117560  | -----   | 117584* | 12        | 3.30 |
| 45      | -----       | -----   | -----   | -----   | -----   | 117549  | 117561  | -----   | -----   | 14        | 3.80 |
| 48      | -----       | -----   | -----   | -----   | -----   | 117550  | 117562  | -----   | -----   | 14        | 3.80 |
| 50      | -----       | -----   | -----   | -----   | -----   | 117551  | 117563  | 117575* | 117587* | 14        | 3.80 |
| 55      | -----       | -----   | -----   | -----   | -----   | 117552* | 117564  | 117576* | 117588* | 16        | 4.30 |
| 60      | -----       | -----   | -----   | -----   | -----   | -----   | 117565* | -----   | 117589* | 18        | 4.40 |

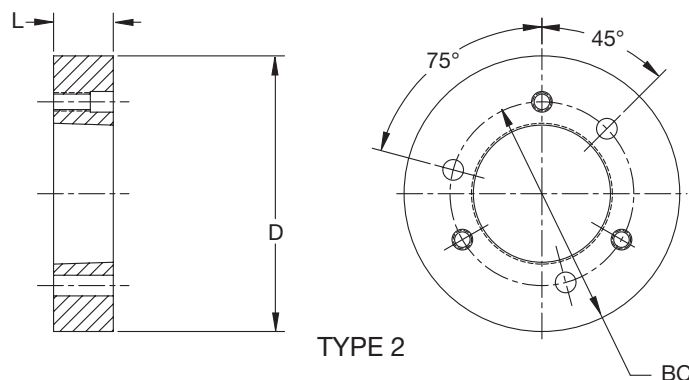
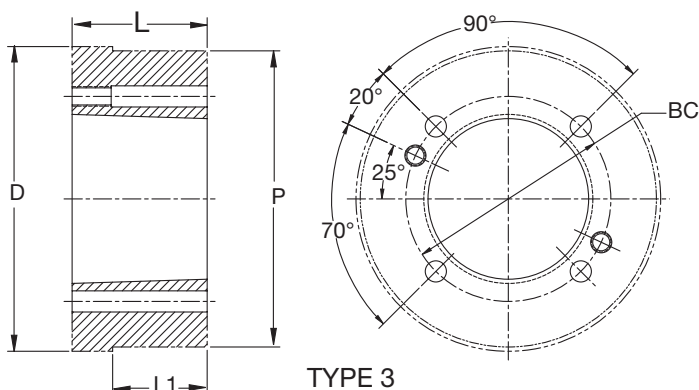
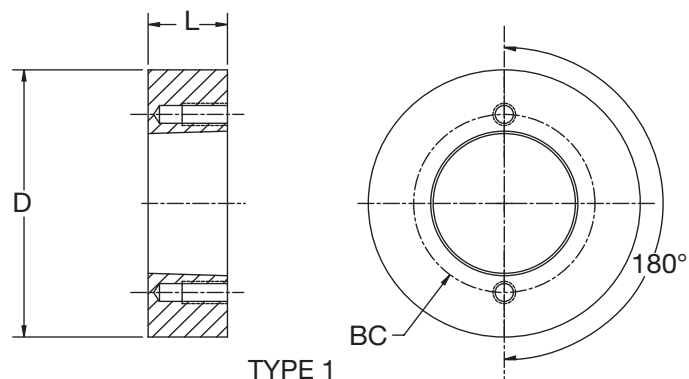
Part Numbers marked (\*) are Ductile Iron

# SPECIFICATION

## QD Hubs

**DODGE®**


DODGE QD Weld-On hubs are useful for welding into fan rotors, pulleys, plate sprockets, impellers, agitators, etc. which require secure mounting to the shaft. These hubs are made of low carbon steel for good welding compatibility. The data tabulation shows the standard QD bushings that are used with these hubs.



| Hub No. | Part No. | For Bush | Bore Range       | Wt. Lbs. | Type | Dimensions |      |       |       |      |                     |
|---------|----------|----------|------------------|----------|------|------------|------|-------|-------|------|---------------------|
|         |          |          |                  |          |      | D*         | L    | BC    | P     | L1   | Thread Size         |
| QT-A    | 228465   | QT       | 3/8 to 1-1/2"    | 0.6      | 1    | 2.375      | 0.88 | 2.00  | 2.50  | 0.17 | 1/4-20 NC x 3/4     |
| JA-A    | 228466   | JA       | 1/2 to 1-1/4"    | 0.4      | 2    | 2.250      | 0.56 | 1.66  | ....  | .... | 10-24 NC x 1        |
| SH-A    | 228467   | SH       | 1/2 to 1-11/16"  | 1.0      | 2    | 3.000      | 0.81 | 2.25  | ....  | .... | 1/4-20 NC x 1-3/8   |
| SDS-A   | 228468   | SDS      | 1/2 to 2"        | 1.3      | 2    | 3.500      | 0.75 | 2.6   | ....  | .... | 1/4-20 NC x 1-3/8   |
| SK-A    | 228469   | SK       | 1/2 to 2-5/8"    | 3.0      | 2    | 4.375      | 1.25 | 3.31  | ....  | .... | 5/16-18 NC x 2      |
| SF-A    | 228470   | SF       | 1/2 to 2-15/16"  | 4.0      | 2    | 5.000      | 1.25 | 3.88  | ....  | .... | 3/8-16 NC x 2       |
| E-A     | 228471   | E        | 7/8 to 3-1/2"    | 9.0      | 2    | 6.250      | 1.63 | 5.00  | ....  | .... | 1/2-13 NC x 2-3/4   |
| F-A     | 228472   | F        | 1 to 4"          | 16.0     | 2    | 7.000      | 2.50 | 5.63  | ....  | .... | 9/16-12 NC x 3-5/8  |
| J-A     | 228473   | J        | 1-1/2 to 4-1/2"  | 22.5     | 2    | 7.750      | 3.19 | 6.25  | ....  | .... | 5/8-11 NC x 4-1/2   |
| M-A     | 228474   | M        | 2 to 5-1/2"      | 50.0     | 3    | 9.250      | 5.19 | 7.88  | 9.50  | 3.56 | 3/4-10 NC x 6-3/4   |
| N-A     | 228475   | N        | 2-7/16 to 5-7/8" | 75.0     | 3    | 10.250     | 6.25 | 8.50  | 10.50 | 4.50 | 7/8-9 NC x 8        |
| P-A     | 228476   | P        | 2-15/16 to 7"    | 155.0    | 2    | 13.000     | 7.25 | 10.00 | ....  | .... | 1-8 NC x 9-1/2      |
| W-A     | 228477   | W        | 4 to 8-1/2"      | 300.0    | 2    | 15.500     | 9.00 | 12.75 | ....  | .... | 1-1/16-7 NC x 11/12 |

Mounting:

Type 1: Reverse only  
 Type 2: Conventional or Reverse  
 Type 3: Conventional Only

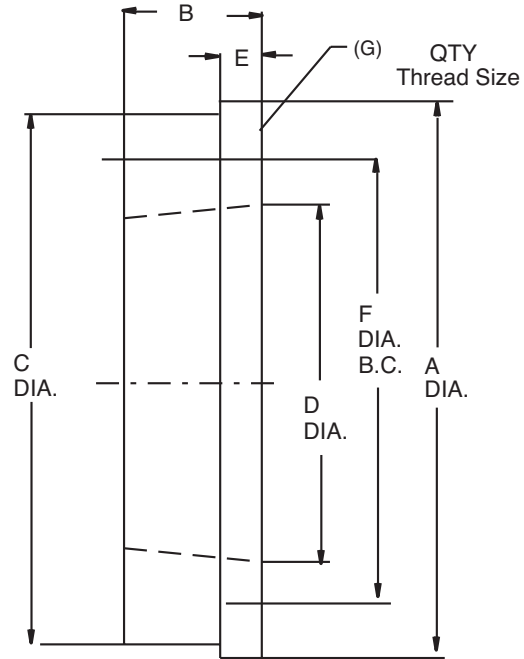
\*Tolerance:

QT-A Thru J-A = (+0.000"/-0.002")  
 M-A Thru W-A = (+0.000"/-0.003")



# SPECIFICATION

## QD Weld-On Hubs For Conveyor Pulleys



DODGE QD Weld-On Hubs for conveyor pulleys are specifically designed for use in the end disc of a conveyor pulley. Their short length through bore provides more

forgiveness under the operating stresses of the pulley. These hubs are manufactured from low Carbon steel for good welding compatibility

### QD Weld-On Hubs For Conveyor Pulleys

| Hub No. | Part No. | For Bush. | Bore Range       | Wt. Lbs. | Dimensions |      |        |         |      |       | Installation Screws |                    |
|---------|----------|-----------|------------------|----------|------------|------|--------|---------|------|-------|---------------------|--------------------|
|         |          |           |                  |          | A          | B    | C #    | D (ref) | E    | F     | Qty                 | Thread Size        |
| SF      | 228110   | SF        | 1/2 to 2-15/16"  | 3.9      | 5.00       | 1.00 | 4.750  | 3.13    | 0.44 | 3.88  | 3                   | 3/8-16 NC x 2      |
| E       | 228111   | E         | 7/8 to 3-1/2"    | 6.6      | 6.25       | 1.13 | 6.000  | 3.52    | 0.50 | 5.00  | 3                   | 1/2-13 NC x 2-1/4  |
| F       | 228112   | F         | 1 to 4"          | 9.3      | 7.00       | 1.25 | 6.750  | 4.44    | 0.56 | 5.63  | 3                   | 9/16-12 NC x 3-5/8 |
| JS      | 228113   | J         | 1-1/2 to 4-1/2"  | 17       | 8.25       | 1.63 | 8.000  | 5.14    | 0.63 | 6.25  | 3                   | 5/8-11 NC x 2-1/2  |
| MS      | 228114   | M         | 2 to 5-1/2"      | 22       | 9.50       | 2.38 | 9.250  | 6.50    | 0.75 | 7.88  | 4                   | 3/4-10 NC-10 x 3   |
| NS      | 228115   | N         | 2-7/16 to 5-7/8" | 29       | 10.25      | 2.38 | 10.000 | 7.00    | 0.81 | 8.50  | 4                   | 7/8-9 NC x 3-1/2   |
| PS      | 228116   | P         | 2-15/16 to 7"    | 75       | 12.25      | 2.88 | 12.000 | 8.25    | 0.88 | 10.00 | 4                   | 1-8 NC x 4-1/2     |
| WS      | 228117   | W         | 4 to 8-1/2"      | 85       | 15.25      | 3.33 | 14.875 | 10.42   | 0.94 | 12.75 | 4                   | 1-1/8-7 NC x 5     |
| SS      | 228118   | S         | 5-1/2 to 10"     | 139      | 17.50      | 3.88 | 17.000 | 12.13   | 1.13 | 15.00 | 5                   | 1-1/4-7 NC x 5     |
| ZS      | 228119   | Z         | 7 to 12"         | 236      | 22.00      | 4.88 | 21.500 | 15.98   | 1.25 | 19.00 | 5                   | 1-1/8-7 NC x 5     |

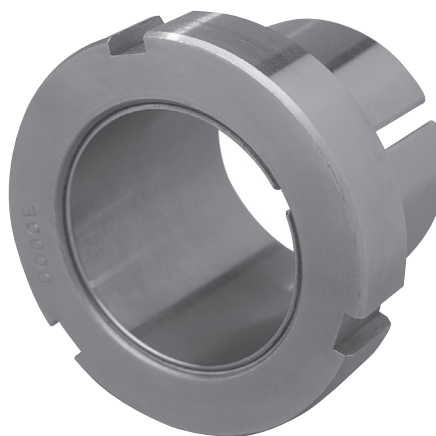
# +.000/- .010" Tolerance



## FEATURES/BENEFITS

### GRIP-TIGHT Bushings

GRIP-TIGHT is a revolutionary bushing system that will decrease maintenance costs and increase productivity and uptime. The 360° contact provides a secure fit onto the shaft, reduces vibration, eliminates shaft damage and makes the use of keys obsolete.



#### Features and Benefits:

- Concentric contact on shaft for better grip
- Less vibration
- Superior balanced system
- No keyways required
- No fretting corrosion
- Can be used with commercial shafting
- Reduction in material cost
- Easy on, reliable mounting
- Same bushing concept used in bearings, fan hubs, and sheaves

#### Possible Application:

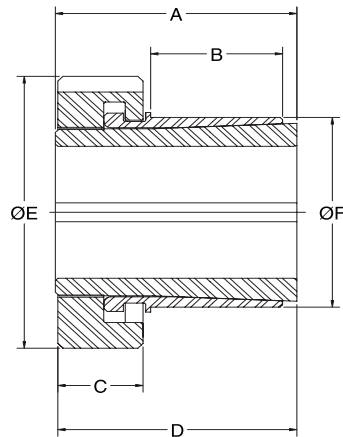
- Fan hub
- Sheaves and sprockets
- Couplings

**NOTE:** Installation and maintenance instructions for Dodge products are available on [www.dodge-pt.com](http://www.dodge-pt.com)



# SPECIFICATION

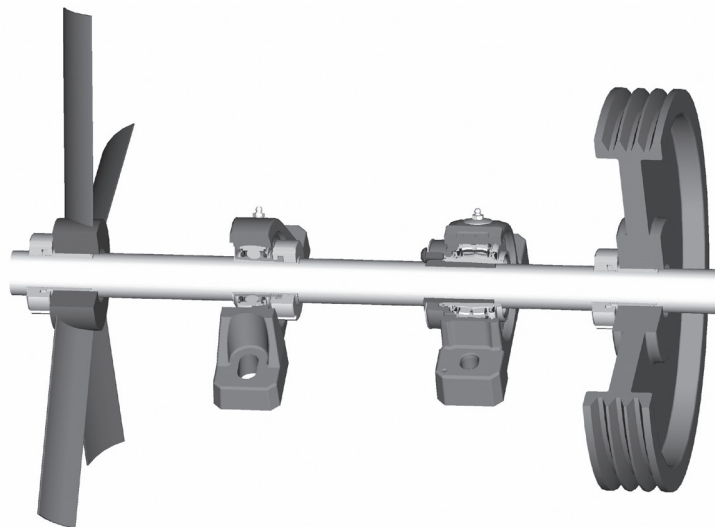
## GRIP-TIGHT Bushings - Dimensions



| Shaft Size* | Series | Part Number   | A    | B    | C    | D    | E    | F<br>+.002/-0.000 | Recommended Housing Bore Tolerance | Locknut Rotation From Zero |
|-------------|--------|---------------|------|------|------|------|------|-------------------|------------------------------------|----------------------------|
| 1           | 205    | <b>111940</b> | 1.46 | 0.80 | 0.52 | 1.43 | 1.80 | 1.256             | +.0040" - 0                        | 2/3 Turn                   |
| 1-3/16      | 206    | <b>111941</b> | 1.61 | 0.94 | 0.53 | 1.58 | 2.00 | 1.445             | +.0040" - 0                        | 2/3 Turn                   |
| 1-7/16      | 207    | <b>111942</b> | 1.62 | 0.98 | 0.53 | 1.59 | 2.30 | 1.693             | +.0040" - 0                        | 2/3 Turn                   |
| 1-1/2       | 208    | <b>111943</b> | 1.84 | 1.12 | 0.53 | 1.81 | 2.50 | 1.932             | +.0040" - 0                        | 2/3 Turn                   |
| 1-11/16     | 209    | <b>111944</b> | 1.85 | 1.15 | 0.53 | 1.82 | 2.67 | 2.080             | +.0047" - 0                        | 2/3 Turn                   |
| 1-15/16     | 210    | <b>111945</b> | 1.86 | 1.16 | 0.53 | 1.83 | 2.94 | 2.312             | +.0047" - 0                        | 1 Turn                     |
| 2-3/16      | 211    | <b>111946</b> | 1.93 | 1.23 | 0.53 | 1.90 | 3.25 | 2.564             | +.0047" - 0                        | 1 Turn                     |
| 2-7/16      | 212    | <b>111947</b> | 2.12 | 1.33 | 0.60 | 2.09 | 3.50 | 2.782             | +.0047" - 0                        | 1 Turn                     |
| 2-11/16     | 214    | <b>111948</b> | 2.39 | 1.59 | 0.62 | 2.36 | 3.81 | 3.083             | +.0047" - 0                        | 1 Turn                     |
| 2-15/16     | 215    | <b>111949</b> | 2.56 | 1.66 | 0.75 | 2.53 | 4.25 | 3.410             | +.0055" - 0                        | 1 Turn                     |
| 3-7/16      | 218    | <b>111950</b> | 2.77 | 1.83 | 0.75 | 2.94 | 4.50 | 3.962             | +.0055" - 0                        | 1 Turn                     |

\* Other shaft sizes available upon request

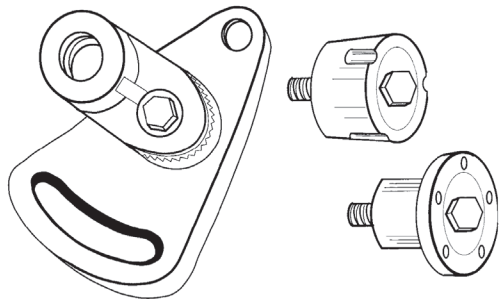
**NOTE:** Installation and maintenance instructions for Dodge products available at [www.dodge-pt.com](http://www.dodge-pt.com)



# SPECIFICATION



## Idler Brackets and Bushings



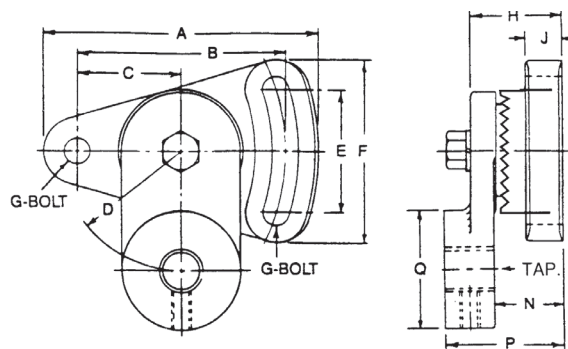
- Double Adjustable Bracket for Maximum Flexibility
- Positive Ratchet Locking Between Base and Arm
- Idler Bushings in TAPER-LOCK® and QD® Style
- Use with Stock Products, such as: Sheaves, Roller Chain Sprockets, HTD Sprockets - Compatible with Products Machined for: TAPER-LOCK 1610, 2012 and 2517 Bushings; QD SK, SF and E Bushings

\* QD is a registered trademark of Emerson Electric.

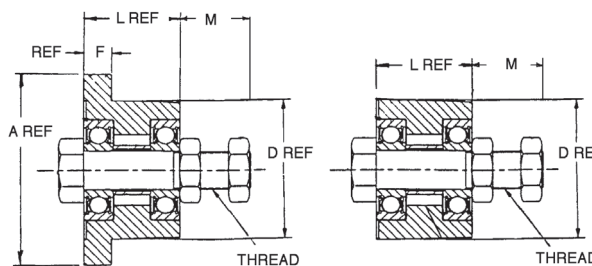
### Bracket Specs

|             |   | Model No. |        |        |
|-------------|---|-----------|--------|--------|
|             |   | 5         | 10     | 20     |
| Part Number |   | 115982    | 115986 | 115987 |
| WT.         |   | 3.40      | 3.40   | 13.50  |
| DIM.        | A | 4.62      | 4.63   | 6.94   |
|             | B | 3.50      | 3.50   | 5.25   |
|             | C | 1.75      | 1.75   | 2.62   |
|             | D | 2.00      | 2.00   | 5.00   |
| DIM.        | E | 2.06      | 2.06   | 3.00   |
|             | F | 3.06      | 3.06   | 4.56   |
|             | G | 3/8       | 3/8    | 5/8    |
|             | H | 1.63      | 1.63   | 2.38   |
| DIM.        | J | 0.62      | 0.62   | 0.88   |
|             | N | 1.16      | 1.16   | 1.63   |
|             | P | 2.01      | 2.01   | 2.94   |
|             | Q | 2.00      | 2.00   | 3.00   |
| THD         |   | 5/8-18    | 3/4-16 | 1-14   |

### IDLER BRACKETS



### IDLER BUSHINGS



### Bushing Specs

| Taper-Lock   |     | 1610-IDL | 2012-IDL | 2517-IDL |
|--------------|-----|----------|----------|----------|
| Part Number  |     | 115985   | 115983   | 115984   |
| For Brkt No. |     | 5        | 10       | 10       |
| DIM.         | D   | 2.25     | 2.75     | 3.38     |
|              | L   | 1.00     | 1.25     | 1.75     |
|              | M   | 1.38     | 1.56     | 1.56     |
|              | THD | 5/8 - 18 | 3/4 - 16 | 3/4 - 16 |
| WT.          |     | 1.0      | 1.6      | 3.0      |
| Bearings     |     | 6003     | 6204     | 6304     |

| QD           |      | SH-IDL | SD-IDL | SK-IDL | SK-IDL - Large | SF-IDL | E-IDL  | E-IDL - Large |
|--------------|------|--------|--------|--------|----------------|--------|--------|---------------|
| Part Number  |      | 115978 | 115979 | 115988 | 115980         | 115989 | 115990 | 424063        |
| For Brkt No. |      | -      | -      | 10     | -              | 20     | 20     | -             |
| DIM.         | A    | 2.63   | 3.18   | 3.88   | 3.88           | 4.63   | 6.00   | 6.00          |
|              | D    | 1.88   | 2.18   | 2.81   | 2.81           | 3.13   | 3.83   | 3.83          |
|              | F    | 0.43   | 0.43   | 0.56   | 0.56           | 0.63   | 0.88   | 0.88          |
|              | L    | 1.31   | 1.81   | 1.94   | 1.94           | 2.08   | 2.75   | 2.75          |
|              | M    | 1.69   | 1.69   | 1.44   | 1.44           | 2.13   | 2.19   | 2.19          |
|              | Thd. | 3/4-10 | 3/4-10 | 3/4-16 | 1-8            | 1-14   | 1-14   | 1-1/4 - 12    |
| Wt.          |      | 2.10   | 2.50   | 2.80   | 2.80           | 5.00   | 8.60   | 12.50         |
| Bearings     |      | 6004   | 6204   | 6304   | 6206           | 6206   | 6306   | 6307          |