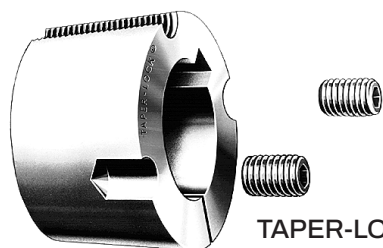


# Bushing Products

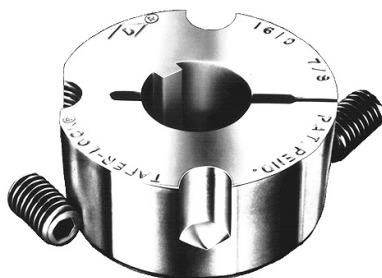
|               |                              |
|---------------|------------------------------|
| <b>PT6-2</b>  | <b>Taper-Lock</b>            |
| PT6-2         | Taper-Lock Features/Benefits |
| PT6-3         | Taper-Lock Bushings          |
| PT6-13        | Taper-Lock Weld-on hubs      |
| <b>PT6-16</b> | <b>QD</b>                    |
| PT6-16        | QD Features/Benefits         |
| PT6-17        | QD Bushings                  |
| PT6-27        | QD Weld-on hubs              |
| <b>PT6-28</b> | <b>Split Taper</b>           |

# Features/Benefits

## TAPER-LOCK Bushings

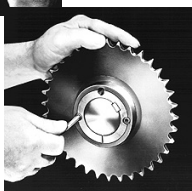


TAPER-LOCK Keyway-type Bushing



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 [dodge.ptplace.com](http://dodge.ptplace.com)

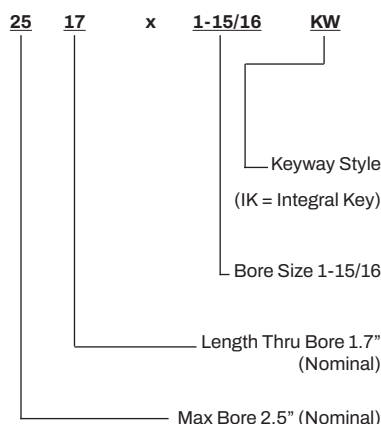
- Clean, Compact Design
- An Industry Standard for over 40 years
- Easy-on, Easy-off
- 8° Taper-Grips Tight, Holds Tight, Runs True, No Wobble
- Total System Concept: Bushings, Hubs, Adapters and Products
- World-Wide Acceptance and Availability
- Flushing Mounting-No Protruding Parts
- Diamond D Integral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

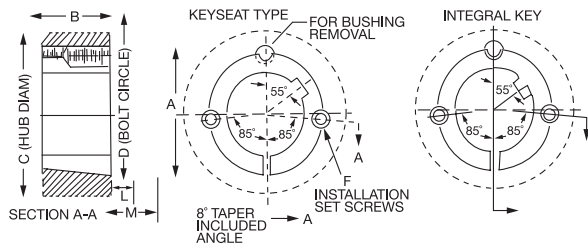
#### TAPER-LOCK Bushing





# Specification

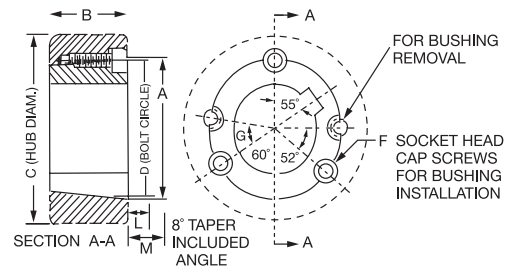
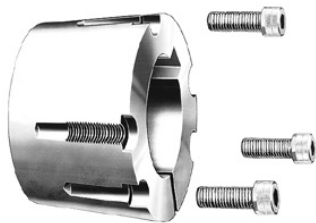
## TAPER-LOCK Bushings - Dimensions



Dimensions For 1008 Thru 3030 TAPER-LOCK Bushings

| Bush No. | Ratings (LB-IN)   |                              | C Hub Dia ■ |      |       |       |      | F † |             | L •         |             | M ☼          |             |
|----------|-------------------|------------------------------|-------------|------|-------|-------|------|-----|-------------|-------------|-------------|--------------|-------------|
|          | Torque Capacity ♦ | Wrench Torque Install Screws | A           | B    | CL 30 | Steel | D    | 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

|          | Ratings (LB-IN)   |                              |      |      | C Hub Dia ■ |       |      | F † |             |    | L ●         |             | M ☼          |             |
|----------|-------------------|------------------------------|------|------|-------------|-------|------|-----|-------------|----|-------------|-------------|--------------|-------------|
| Bush No. | Torque Capacity ♦ | Wrench Torque Install Screws | A    | B    | CL 30       | Steel | D    | Qty | Size        | G  | 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

\*These sizes not compatible with BSW hardware.

**Note: Installation and maintenance instructions for Dodge products available at [dodge.ptplace.com](http://dodge.ptplace.com)**

# Specification

## TAPER-LOCK Bushings - Dimensions

Reference Guide

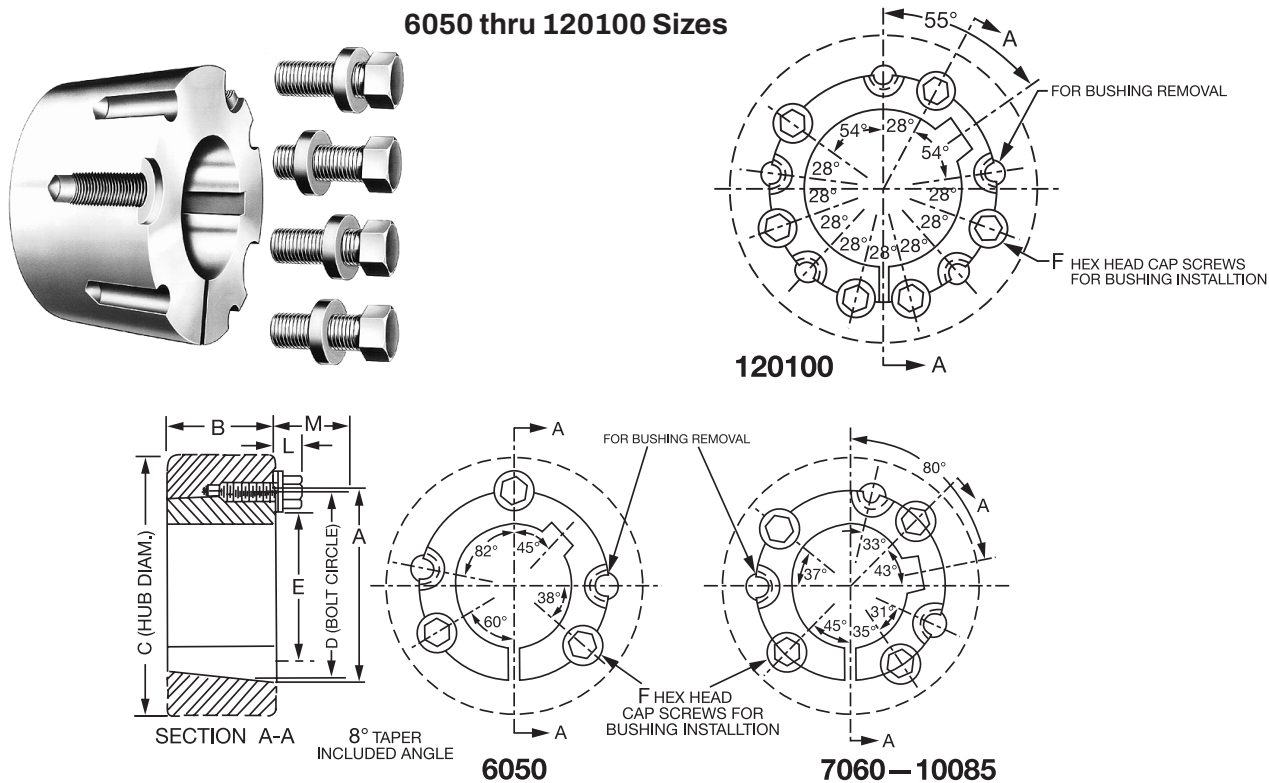
Synchronous Products

V-Belt Products

Roller Chain Sprockets

Bushing Products

Accessories Products



Dimensions For 6050 Thru 120100 TAPER-LOCK Bushings

| Bush No. | Ratings (LB-IN)   |                              | C Hub Dia |       |       |       |       |       | F   |               |      |      |
|----------|-------------------|------------------------------|-----------|-------|-------|-------|-------|-------|-----|---------------|------|------|
|          | Torque Capacity ♦ | Wrench Torque Install Screws | A         | B     | CL 30 | Steel | D     | E     | Qty | Size          | L    | M    |
| 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 and Steady Running                                    |
| 1.50           | Light Starting and Uneven Running                                    |
| 2.00           | Fairly Heavy Starting and Steady Or Uneven Running                   |
| 2.50           | Light or Heavy Starting and Moderate Shock Running                   |
| 3.00           | Light or Heavy Starting and 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"      |                  | 117073     | 0.3 |                |                  |              |
|              | 11/16"    |                  | 119179     | 0.2 |                |                  |              |
|              | 3/4"      | 119180           | 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" #  |                  | 119183     | 0.2 |                |                  |              |
|              | 1" #      | 119184           | 117151     | 0.2 | 1/4 x 1/16     | 1/4 x 1/8        | 1/4 x 3/16 Δ |
|              | 14 mm     |                  | 119565     | 0.3 |                |                  |              |
|              | 16 mm     |                  | 119566     | 0.3 |                |                  |              |
|              | 18 mm     |                  | 119575     | 0.3 |                |                  |              |
|              | 19 mm     |                  | 119569     | 0.3 | 6 x 2.8 mm     | 6 x 3.5 mm       | 6 x 6 mm     |
|              | 20 mm     |                  | 119576     | 0.3 |                |                  |              |
|              | 22 mm     |                  | 119577     | 0.2 |                |                  |              |
|              | 24 mm     |                  | 119567     | 0.2 |                |                  |              |
|              | 25 mm     |                  | 119578     | 0.2 | 8 x 1.3 mm     | 8 x 4 mm         | 8 X 5 mm Δ   |
| 1108         | 1/2"      |                  | 119365     | 0.3 |                |                  |              |
|              | 9/16"     |                  | 119366     | 0.3 | 1/8 x 1/4      | 1/8 x 1/4        | 1/8 x 1/8    |
|              | 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 |                |                  |              |
|              | 1-1/8" #  |                  | 117077     | 0.1 | 1/4 x 1/16     | 1/4 x 1/8        | 1/4 x 3/16 Δ |
|              | 14 mm     |                  | 119651     | 0.3 |                |                  |              |
|              | 16 mm     |                  | 119652     | 0.3 |                |                  |              |
|              | 18 mm     |                  | 119653     | 0.3 |                |                  |              |
|              | 19 mm     |                  | 119570     | 0.3 | 6 x 2.8 mm     | 6 x 3.5 mm       | 6 x 6 mm     |
|              | 20 mm     |                  | 119579     | 0.3 |                |                  |              |
|              | 22 mm     |                  | 119580     | 0.3 |                |                  |              |
|              | 24 mm     |                  | 119581     | 0.2 |                |                  |              |
|              | 25 mm     |                  | 119582     | 0.2 | 8 X 3.3 mm     | 8 X 4 mm         | 8 X 7 mm     |
| 1210         | 1/2"      |                  | 119191     | 0.6 |                |                  |              |
|              | 9/16"     |                  | 119192     | 0.6 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 5/8"      |                  | 117078     | 0.6 |                |                  |              |
|              | 11/16"    |                  | 119194     | 0.5 |                |                  |              |
|              | 3/4"      | 119195           | 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"    |                  | 119198     | 0.5 |                |                  |              |
|              | 1"        | 119199           | 117155     | 0.5 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/16"   |                  | 119200     | 0.4 |                |                  |              |
|              | 1-1/8"    | 119201           | 117080     | 0.4 |                |                  |              |
|              | 1-3/16"   |                  | 117156     | 0.4 |                |                  |              |
|              | 1-1/4"    |                  | 117157     | 0.4 | 5 x 2.3 mm     | 5 x 5.3 mm       | 5 x 5 mm     |
|              | 14 mm     |                  | 119583     | 0.6 |                |                  |              |
|              | 16 mm     |                  | 119654     | 0.6 |                |                  |              |
|              | 18 mm     |                  | 119584     | 0.5 |                |                  |              |
|              | 19 mm     |                  | 119571     | 0.5 | 6 x 2.8 mm     | 6 x 3.5 mm       | 6 x 6 mm     |
|              | 20 mm     |                  | 119585     | 0.5 |                |                  |              |
|              | 22 mm     |                  | 119655     | 0.5 |                |                  |              |
|              | 24 mm     |                  | 119586     | 0.5 |                |                  |              |
|              | 25 mm     |                  | 119587     | 0.4 | 8 X 3.3 mm     | 8 X 4 mm         | 8 X 7 mm     |
|              | 28 mm     |                  | 119588     | 0.4 |                |                  |              |
|              | 30 mm     |                  | 119589     | 0.4 |                |                  |              |
|              | 32 mm     |                  | 119590     | 0.4 | 10 X 3.3 mm    | 10 X 5 mm        | 10 X 8 mm    |
|              |           |                  |            |     |                |                  |              |

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 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/16"    |                  | 119010     | 0.6 |                |                  |              |
|              | 1-1/8"     |                  | 119011     | 0.6 |                |                  |              |
|              | 1-3/16"    |                  | 119012     | 0.5 |                |                  |              |
|              | 1-1/4"     |                  | 119013     | 0.5 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 1/2"       |                  | 119390     | 0.7 |                |                  |              |
|              | 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 |                |                  |              |
| 1310         | 15/16"     |                  | 119397     | 0.6 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1"         |                  | 119398     | 0.6 |                |                  |              |
|              | 1-1/16"    |                  | 119399     | 0.6 |                |                  |              |
|              | 1-1/8"     |                  | 119400     | 0.6 |                |                  |              |
|              | 1-3/16"    |                  | 119401     | 0.6 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-1/4"     |                  | 119402     | 0.6 |                |                  |              |
|              | 1-5/16" #  |                  | 119403     | 0.6 |                |                  |              |
|              | 1-3/8" #   |                  | 119404     | 0.6 | 3/8 x 1/8      | 3/8 x 3/16       | 3/8 x 5/16 Δ |
|              | 1-7/16" +  |                  | 119438     | 0.6 |                |                  |              |
|              | 14 mm      |                  | 119656     | 0.7 | 5 x 2.3 mm     | 5 x 5.3 mm       | 5 x 5 mm     |
|              | 16 mm      |                  | 119657     | 0.7 |                |                  |              |
|              | 18 mm      |                  | 119658     | 0.7 |                |                  |              |
|              | 19 mm      |                  | 119572     | 0.7 | 6 x 2.8 mm     | 6 x 3.5 mm       | 6 x 6 mm     |
|              | 20 mm      |                  | 119659     | 0.6 |                |                  |              |
|              | 22 mm      |                  | 119660     | 0.6 |                |                  |              |
|              | 24 mm      |                  | 119591     | 0.6 |                |                  |              |
|              | 25 mm      |                  | 119592     | 0.5 | 8 X 3.3 mm     | 8 X 4 mm         | 8 X 7 mm     |
|              | 28 mm      |                  | 119593     | 0.5 |                |                  |              |
|              | 30 mm      |                  | 119594     | 0.5 |                |                  |              |
|              | 32 mm      |                  | 119595     | 0.4 | 10 X 3.3 mm    | 10 X 5 mm        | 10 X 8 mm    |
|              | 35 mm      |                  | 119596     | 0.4 |                |                  |              |
| 1610         | 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 |                |                  |              |
|              | 5/8"       | 119213           | 117081     | 0.9 |                |                  |              |
|              | 11/16"     |                  | 119214     | 0.9 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 3/4"       | 119215           | 117158     | 0.9 |                |                  |              |
|              | 13/16"     |                  | 119216     | 0.9 |                |                  |              |
|              | 7/8"       | 119217           | 117082     | 0.8 |                |                  |              |
|              | 15/16"     |                  | 117083     | 0.8 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1"         | 119219           | 117159     | 0.8 |                |                  |              |
|              | 1-1/16"    |                  | 119220     | 0.8 |                |                  |              |
|              | 1-1/8"     | 119221           | 117084     | 0.7 |                |                  |              |
|              | 1-3/16"    | 119222           | 117160     | 0.7 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-1/4"     | 119223           | 117161     | 0.7 |                |                  |              |
|              | 1-5/16"    |                  | 119224     | 0.6 |                |                  |              |
|              | 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 |                |                  |              |
|              | 1-9/16" #  |                  | 119228     | 0.5 |                |                  |              |
|              | 1-5/8" #   | 119229           | 117086     | 0.5 |                |                  |              |
|              | 1-11/16" + |                  | 117071     | 0.5 | 5 x 2.3 mm     | 5 x 5.3 mm       | 5 x 5 mm     |
|              | 14 mm      |                  | 119661     | 0.9 |                |                  |              |
|              | 16 mm      |                  | 119662     | 0.9 |                |                  |              |

# Specification

## TAPER-LOCK Bushings - Stock Bore

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

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 |
|--------------|------------|------------------|------------|-----|----------------|------------------|--------------|
| 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 |                |                  |              |
|              | 14 mm      |                  | 119664     | 1.7 | 5 x 2.3 mm     | 5 x 5.3 mm       | 5 x 5 mm     |
|              | 16 mm      |                  | 119665     | 1.7 |                |                  |              |
|              | 18 mm      |                  | 119666     | 1.6 |                |                  |              |
|              | 19 mm      |                  | 119574     | 1.6 |                |                  |              |
|              | 20 mm      |                  | 119607     | 1.6 | 6 x 2.8 mm     | 6 x 3.5 mm       | 6 x 6 mm     |
|              | 22 mm      |                  | 119667     | 1.6 |                |                  |              |
|              | 24 mm      |                  | 119608     | 1.5 |                |                  |              |
| 2517         | 25 mm      |                  | 119609     | 1.5 | 8 X 3.3 mm     | 8 X 4 mm         | 8 X 7 mm     |
|              | 28 mm      |                  | 119610     | 1.5 |                |                  |              |
|              | 30 mm      |                  | 119611     | 1.4 |                |                  |              |
|              | 32 mm      |                  | 119612     | 1.4 | 10 X 3.3 mm    | 10 X 5 mm        | 10 X 8 mm    |
|              | 35 mm      |                  | 119613     | 1.3 |                |                  |              |
|              | 38 mm      |                  | 119614     | 1.3 |                |                  |              |
|              | 40 mm      |                  | 119615     | 1.2 | 12 X 3.3 mm    | 12 X 5 mm        | 12 X 8 mm    |
|              | 42 mm      |                  | 119616     | 1.1 |                |                  |              |
|              | 45 mm      |                  | 119617     | 1   |                |                  |              |
|              | 48 mm      |                  | 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 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 7/8"       |                  | 119106     | 3.3 |                |                  |              |
|              | 15/16"     |                  | 119107     | 3.3 |                |                  |              |
|              | 1"         |                  | 119108     | 3.3 |                |                  |              |
|              | 1-1/16"    |                  | 119109     | 3.2 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-1/8"     |                  | 119110     | 3.2 |                |                  |              |
|              | 1-3/16"    |                  | 119111     | 3.2 |                |                  |              |
|              | 1-1/4"     |                  | 119112     | 3.2 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-5/16"    |                  | 119113     | 3.1 |                |                  |              |
|              | 1-3/8"     |                  | 119114     | 3.1 |                |                  |              |
|              | 1-7/16"    |                  | 119115     | 3   | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 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 | 5/8 x 3/16     | 5/8 x 5/16       | 5/8 x 1/2 Δ  |
|              | 1-3/4"     |                  | 119120     | 2.7 |                |                  |              |
|              | 1-13/16"   |                  | 119121     | 2.6 |                |                  |              |
|              | 1-7/8"     |                  | 119122     | 2.5 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 1-15/16"   | 119123           | 117173     | 2.4 |                |                  |              |
|              | 2"         | 119124           | 117174     | 2.3 |                |                  |              |
|              | 2-1/16"    |                  | 119125     | 2.3 | 8 X 3.3 mm     | 8 X 4 mm         | 8 X 7 mm     |
|              | 2-1/8"     |                  | 117096     | 2.2 |                |                  |              |
|              | 2-3/16"    |                  | 117175     | 2.1 |                |                  |              |
|              | 2-1/4"     |                  | 117097     | 2   |                |                  |              |
|              | 2-5/16"    |                  | 119129     | 1.9 | 5 x 2.3 mm     | 5 x 5.3 mm       | 5 x 5 mm     |
|              | 2-3/8"     |                  | 117098     | 1.9 |                |                  |              |
|              | 2-7/16" #  |                  | 117176     | 1.8 |                |                  |              |
|              | 2-1/2" #   |                  | 117099     | 1.8 | 6 x 2.8 mm     | 6 x 3.5 mm       | 6 x 6 mm     |
|              | 2-5/8" +   |                  | 117111     | 1.8 |                |                  |              |
|              | 2-11/16" + |                  | 117115     | 1.8 |                |                  |              |
|              | 14 mm      |                  | 119669     | 3.6 | 6 x 2.8 mm     | 6 x 3.5 mm       | 6 x 6 mm     |
|              | 16 mm      |                  | 119670     | 3.6 |                |                  |              |
|              | 18 mm      |                  | 119671     | 3.5 |                |                  |              |
|              | 19 mm      |                  | 119672     | 3.4 |                |                  |              |
|              | 20 mm      |                  | 119618     | 3.4 | 8 X 3.3 mm     | 8 X 4 mm         | 8 X 7 mm     |
|              | 22 mm      |                  | 119619     | 3.3 |                |                  |              |
|              | 24 mm      |                  | 119620     | 3.3 |                |                  |              |
|              | 25 mm      |                  | 119621     | 3.2 |                |                  |              |
|              | 28 mm      |                  | 119622     | 3.1 |                |                  |              |
|              | 30 mm      |                  | 119623     | 3.1 |                |                  |              |

# 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)  | 32 mm         |                  | <b>119624</b> | 3              | 10 X 3.3 mm      | 10 X 5 mm        | 10 X 8 mm    |
|              | 35 mm         |                  | <b>119625</b> | 2.9            |                  |                  |              |
|              | 38 mm         |                  | <b>119626</b> | 2.9            |                  |                  |              |
|              | 40 mm         |                  | <b>119627</b> | 2.8            | 12 X 3.3 mm      | 12 X 5 mm        | 12 X 8 mm    |
|              | 42 mm         |                  | <b>119628</b> | 2.6            |                  |                  |              |
|              | 45 mm         |                  | <b>119629</b> | 2.5            | 14 X 3.8 mm      | 14 X 5.5 mm      | 14 X 9 mm    |
|              | 48 mm         |                  | <b>119630</b> | 2.4            |                  |                  |              |
|              | 50 mm         |                  | <b>119640</b> | 2.3            |                  |                  |              |
|              | 55 mm         |                  | <b>119641</b> | 2              | 16 X 4.3 mm      | 16 X 6 mm        | 16 X 10 mm   |
|              | 60 mm         |                  | <b>119642</b> | 1.7            | 18 X 4.4 mm      | 18 X 7 mm        | 18 X 11 mm   |
|              | 65 mm         |                  | <b>119643</b> | 1.4            |                  |                  |              |
| TL Bush Size | Bore          | P/N Keyway       | WT.           | Bushing Keyway | Shaft Keyway REF | Key Size REF     |              |
| 2525         | 3/4"          | <b>119304</b>    | 4.9           | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16      |              |
|              | 7/8"          | <b>119306</b>    | 4.8           |                |                  |                  |              |
|              | 15/16"        | <b>119307</b>    | 4.8           |                |                  |                  |              |
|              | 1"            | <b>119308</b>    | 4.8           |                |                  |                  |              |
|              | 1-1/8"        | <b>119310</b>    | 4.6           | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4        |              |
|              | 1-3/16"       | <b>119311</b>    | 4.5           |                |                  |                  |              |
|              | 1-1/4"        | <b>119312</b>    | 4.4           |                |                  |                  |              |
|              | 1-3/8"        | <b>119314</b>    | 4.2           | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16      |              |
|              | 1-7/16"       | <b>119315</b>    | 4.2           |                |                  |                  |              |
|              | 1-1/2"        | <b>119316</b>    | 4             |                |                  |                  |              |
|              | 1-5/8"        | <b>119318</b>    | 3.8           | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8        |              |
|              | 1-11/16"      | <b>119319</b>    | 3.8           |                |                  |                  |              |
|              | 1-3/4"        | <b>119320</b>    | 3.7           |                |                  |                  |              |
|              | 1-13/16"      | <b>119321</b>    | 3.2           |                |                  |                  |              |
|              | 1-7/8"        | <b>119322</b>    | 3.4           | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2        |              |
|              | 1-15/16"      | <b>119323</b>    | 3.2           |                |                  |                  |              |
|              | 2"            | <b>119324</b>    | 3.1           |                |                  |                  |              |
|              | 2-1/8"        | <b>119326</b>    | 2.9           |                |                  |                  |              |
|              | 2-3/16"       | <b>119327</b>    | 2.5           | 5/8 x 3/16     | 5/8 x 5/16       | 5/8 x 1/2 Δ      |              |
|              | 2-1/4"        | <b>119328</b>    | 2.3           |                |                  |                  |              |
|              | 2-5/16"       | <b>119329</b>    | 2             |                |                  |                  |              |
|              | 2-3/8"        | <b>119330</b>    | 2             |                |                  |                  |              |
| 2-7/16"      | <b>119331</b> | 2                | 3/16 x 3/32   | 3/16 x 3/32    | 3/16 x 3/16      |                  |              |
| 2-1/2"       | <b>119332</b> | 2                |               |                |                  |                  |              |
| 3020         | 7/8"          | <b>117103</b>    | 6.5           | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4        |              |
|              | 15/16"        | <b>117101</b>    | 6.5           |                |                  |                  |              |
|              | 1"            | <b>117102</b>    | 6.5           |                |                  |                  |              |
|              | 1-1/8"        | <b>117104</b>    | 6.4           |                |                  |                  |              |
|              | 1-3/16"       | <b>117105</b>    | 6.4           | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16      |              |
|              | 1-1/4"        | <b>117106</b>    | 6.3           |                |                  |                  |              |
|              | 1-5/16"       | <b>117107</b>    | 6.1           |                |                  |                  |              |
|              | 1-3/8"        | <b>117108</b>    | 6             |                |                  |                  |              |
|              | 1-7/16"       | <b>117109</b>    | 6             | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8        |              |
|              | 1-1/2"        | <b>117110</b>    | 5.9           |                |                  |                  |              |
|              | 1-9/16"       | <b>117135</b>    | 5.9           |                |                  |                  |              |
|              | 1-5/8"        | <b>117112</b>    | 5.9           |                |                  |                  |              |
|              | 1-11/16"      | <b>117113</b>    | 5.7           | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2        |              |
|              | 1-3/4"        | <b>117114</b>    | 5.6           |                |                  |                  |              |
|              | 1-13/16"      | <b>117136</b>    | 5.5           |                |                  |                  |              |
|              | 1-7/8"        | <b>117116</b>    | 5.4           |                |                  |                  |              |
|              | 1-15/16"      | <b>117117</b>    | 5.3           | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2        |              |
|              | 2"            | <b>117118</b>    | 5.2           |                |                  |                  |              |
|              | 2-1/16"       | <b>117119</b>    | 5             |                |                  |                  |              |
|              | 2-1/8"        | <b>117120</b>    | 5             |                |                  |                  |              |
|              | 2-3/16"       | <b>117121</b>    | 4.9           | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2        |              |
|              | 2-1/4"        | <b>117122</b>    | 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"    | <b>117137</b> | 4.6 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-3/8"     | <b>117124</b> | 4.5 |                |                  |              |
|              | 2-7/16"    | <b>117125</b> | 4.4 |                |                  |              |
|              | 2-1/2"     | <b>117126</b> | 4.3 |                |                  |              |
|              | 2-5/8"     | <b>117128</b> | 4   | 3/4 x 1/8      | 3/4 x 3/8        | 3/4 x 1/2 Δ  |
|              | 2-11/16"   | <b>117129</b> | 3.9 |                |                  |              |
|              | 2-3/4"     | <b>117130</b> | 3.7 |                |                  |              |
|              | 2-13/16"   | <b>117139</b> | 3.7 |                |                  |              |
|              | 2-7/8"     | <b>117132</b> | 3.6 | 3/4 x 1/4      | 3/4 x 3/8        | 3/4 x 5/8 Δ  |
|              | 2-15/16" # | <b>117133</b> | 3.6 |                |                  |              |
|              | 3" #       | <b>117134</b> | 3.4 |                |                  |              |
|              | 3-1/8" +   | <b>117178</b> | 3.3 |                |                  |              |
|              | 3-3/16" +  | <b>117179</b> | 3.3 | 8 X 3.3 mm     | 8 X 4 mm         | 8 X 7 mm     |
|              | 3-1/4" +   | <b>117180</b> | 3.3 |                |                  |              |
|              | 24 mm      | <b>119673</b> | 6.5 |                |                  |              |
|              | 25 mm      | <b>119674</b> | 6.5 |                |                  |              |
|              | 28 mm      | <b>119675</b> | 6.4 | 10 X 3.3 mm    | 10 X 5 mm        | 10 X 8 mm    |
|              | 30 mm      | <b>119676</b> | 6.4 |                |                  |              |
|              | 32 mm      | <b>119677</b> | 6.3 |                |                  |              |
|              | 35 mm      | <b>119678</b> | 6   |                |                  |              |
|              | 38 mm      | <b>119679</b> | 5.9 | 12 X 3.3 mm    | 12 X 5 mm        | 12 X 8 mm    |
|              | 40 mm      | <b>119680</b> | 5.9 |                |                  |              |
|              | 42 mm      | <b>119681</b> | 5.8 |                |                  |              |
|              | 45 mm      | <b>119682</b> | 5.6 |                |                  |              |
| 3030         | 48 mm      | <b>119644</b> | 5.5 | 14 X 3.8 mm    | 14 X 5.5 mm      | 14 X 9 mm    |
|              | 50 mm      | <b>119645</b> | 5.2 |                |                  |              |
|              | 55 mm      | <b>119646</b> | 5   |                |                  |              |
|              | 60 mm      | <b>119647</b> | 4.9 |                |                  |              |
|              | 65 mm      | <b>119648</b> | 4.3 | 18 X 4.4 mm    | 18 X 7 mm        | 18 X 11 mm   |
|              | 70 mm      | <b>119649</b> | 3.7 |                |                  |              |
|              | 75 mm      | <b>119650</b> | 3.5 |                |                  |              |
|              | 80 mm +    | <b>117721</b> | 4   |                |                  |              |
|              | 15/16"     | <b>117004</b> | 10  | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1"         | <b>117005</b> | 9.4 |                |                  |              |
|              | 1-1/8"     | <b>117007</b> | 9.4 |                |                  |              |
|              | 1-3/16"    | <b>117008</b> | 9.2 |                |                  |              |
|              | 1-1/4"     | <b>117009</b> | 9   | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-5/16"    | <b>117010</b> | 8.9 |                |                  |              |
|              | 1-3/8"     | <b>117011</b> | 8.8 |                |                  |              |
|              | 1-7/16"    | <b>117012</b> | 8.6 |                |                  |              |
|              | 1-1/2"     | <b>117013</b> | 8.5 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-9/16"    | <b>117014</b> | 8.4 |                |                  |              |
|              | 1-5/8"     | <b>117015</b> | 8.2 |                |                  |              |
|              | 1-11/16"   | <b>117016</b> | 8   |                |                  |              |
|              | 1-3/4"     | <b>117017</b> | 7.8 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 1-13/16"   | <b>117018</b> | 7.6 |                |                  |              |
|              | 1-7/8"     | <b>117019</b> | 7.5 |                |                  |              |
|              | 1-15/16"   | <b>117020</b> | 7.4 |                |                  |              |
|              | 2"         | <b>117021</b> | 7.3 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-1/16"    | <b>117022</b> | 7.2 |                |                  |              |
|              | 2-1/8"     | <b>117023</b> | 7.1 |                |                  |              |
|              | 2-3/16"    | <b>117024</b> | 6.9 |                |                  |              |
|              | 2-1/4"     | <b>117025</b> | 6.7 | 3/4 x 1/8      | 3/4 x 3/8        | 3/4 x 1/2 Δ  |
|              | 2-5/16"    | <b>117026</b> | 6.6 |                |                  |              |
|              | 2-3/8"     | <b>117027</b> | 6.4 |                |                  |              |
|              | 2-7/16"    | <b>117028</b> | 6.2 |                |                  |              |
|              | 2-1/2"     | <b>117029</b> | 6.1 | 3/4 x 1/4      | 3/4 x 3/8        | 3/4 x 5/8 Δ  |
|              | 2-5/8"     | <b>117031</b> | 6   |                |                  |              |
|              | 2-11/16"   | <b>117032</b> | 5.9 |                |                  |              |
|              | 2-3/4"     | <b>117033</b> | 5.6 |                |                  |              |
|              | 2-7/8"     | <b>117035</b> | 5.3 | 8 X 3.3 mm     | 8 X 4 mm         | 8 X 7 mm     |
|              | 2-15/16" # | <b>117036</b> | 5   |                |                  |              |
|              | 3" #       | <b>117037</b> | 4.9 |                |                  |              |
|              | 3-1/8" +   | <b>117181</b> | 4.7 |                |                  |              |
|              | 3-3/16" +  | <b>117182</b> | 4.7 | 10 X 3.3 mm    | 10 X 5 mm        | 10 X 8 mm    |
|              | 3-1/4" +   | <b>117183</b> | 4.7 |                |                  |              |
|              | 28 mm      | <b>119808</b> | 9.4 |                |                  |              |
|              | 32 mm      | <b>119809</b> | 9   |                |                  |              |
|              | 38 mm      | <b>119810</b> | 8.4 | 14 X 3.8 mm    | 14 X 5.5 mm      | 14 X 9 mm    |
|              | 48 mm      | <b>119811</b> | 7.6 |                |                  |              |

# Specification

## TAPER-LOCK Bushings - Stock Bore

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

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 |
|--------------|------------|------------|------|----------------|------------------|--------------|
| 3535 (cont)  | 2-5/16"    | 117237     | 12   | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-3/8"     | 117221     | 11.7 |                |                  |              |
|              | 2-7/16"    | 117222     | 11.7 |                |                  |              |
|              | 2-1/2"     | 117223     | 11   |                |                  |              |
|              | 2-5/8"     | 117224     | 10.9 |                |                  |              |
|              | 2-11/16"   | 117225     | 10.7 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|              | 2-3/4"     | 117226     | 10   |                |                  |              |
|              | 2-7/8"     | 117227     | 9.8  |                |                  |              |
|              | 2-15/16"   | 117228     | 9.7  |                |                  |              |
|              | 3"         | 117229     | 9.2  |                |                  |              |
| 4030         | 3-1/8"     | 117230     | 9.2  | 7/8 x 1/8      | 7/8 x 7/16       | 7/8 x 9/16 Δ |
|              | 3-3/16"    | 117231     | 8.8  |                |                  |              |
|              | 3-1/4"     | 117232     | 8.7  |                |                  |              |
|              | 3-5/16"    | 117236     | 8.6  |                |                  |              |
|              | 3-3/8"     | 117233     | 8.7  |                |                  |              |
|              | 3-7/16"    | 117234     | 8.3  | 7/8 x 3/16     | 7/8 x 7/16       | 7/8 x 5/8 Δ  |
|              | 3-1/2"     | 117235     | 8    |                |                  |              |
|              | 3-5/8" #   | 117707     | 7.1  |                |                  |              |
|              | 3-11/16" # | 117708     | 6.8  |                |                  |              |
|              | 3-3/4" #   | 117709     | 6.4  |                |                  |              |
|              | 3-7/8" #   | 117710     | 6    | 1 x 1/4        | 1 x 1/2          | 1 x 3/4 Δ    |
|              | 3-15/16" # | 117703     | 5.6  |                |                  |              |
|              | 32 mm      | 119814     | 14.6 |                |                  |              |
|              | 38 mm      | 119815     | 14   |                |                  |              |
|              | 48 mm      | 119816     | 13.2 |                |                  |              |
|              | 50 mm      | 117738     | 13   | 16 X 4.3 mm    | 16 X 6 mm        | 16 X 10 mm   |
|              | 55 mm      | 119817     | 11.1 |                |                  |              |
|              | 60 mm      | 119683     | 11.1 |                |                  |              |
|              | 65 mm      | 117737     | 11   |                |                  |              |
|              | 75 mm      | 117722     | 10   |                |                  |              |
|              | 80 mm      | 117297     | 10   | 22 X 5.4 mm    | 22 X 9 mm        | 22 X 14 mm   |
|              | 85 mm      | 393170     | 10   |                |                  |              |
|              | 90 mm      | 426013     | 10   |                |                  |              |
|              | 95 mm      | 117728     | 10   |                |                  |              |
|              | 1-7/16"    | 119738     | 24   | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-1/2"     | 119739     | 22   |                |                  |              |
|              | 1-9/16"    | 119770     | 21.9 |                |                  |              |
|              | 1-5/8"     | 119740     | 21.8 |                |                  |              |
|              | 1-11/16"   | 119771     | 21.5 |                |                  |              |
|              | 1-3/4"     | 119772     | 21.2 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 1-13/16"   | 119773     | 21   |                |                  |              |
|              | 1-7/8"     | 119774     | 20.9 |                |                  |              |
|              | 1-15/16"   | 119775     | 20.7 |                |                  |              |
|              | 2"         | 119741     | 20.6 |                |                  |              |
|              | 2-1/16"    | 119776     | 20.6 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-1/8"     | 119742     | 20.7 |                |                  |              |
|              | 2-3/16"    | 119743     | 20.4 |                |                  |              |
|              | 2-1/4"     | 119744     | 20.1 |                |                  |              |
|              | 2-5/16"    | 119777     | 20   |                |                  |              |
|              | 2-3/8"     | 119745     | 19.5 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|              | 2-7/16"    | 119746     | 19.3 |                |                  |              |
|              | 2-1/2"     | 119778     | 19.2 |                |                  |              |
|              | 2-9/16"    | 119779     | 19.1 |                |                  |              |
|              | 2-5/8"     | 119747     | 19   |                |                  |              |
|              | 2-11/16"   | 119780     | 18.4 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 2-3/4"     | 119748     | 17.7 |                |                  |              |
|              | 2-13/16"   | 119781     | 17.5 |                |                  |              |
|              | 2-7/8"     | 119749     | 17.2 |                |                  |              |
|              | 2-15/16"   | 119750     | 17.2 |                |                  |              |
|              | 3"         | 119751     | 17   |                |                  |              |
|              | 3-1/16"    | 119782     | 16.8 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|              | 3-1/8"     | 119752     | 16.5 |                |                  |              |
|              | 3-3/16"    | 119783     | 15.9 |                |                  |              |
|              | 3-1/4"     | 119753     | 15.4 |                |                  |              |

# 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"   | 119784     | 14.9 |                |                  |              |
|              | 3-3/8"    | 119754     | 14.6 |                |                  |              |
|              | 3-7/16"   | 119755     | 14.1 |                |                  |              |
|              | 3-1/2"    | 119756     | 13.4 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8    |
|              | 3-9/16"   | 119785     | 13.3 |                |                  |              |
|              | 3-5/8"    | 119757     | 13.2 |                |                  |              |
|              | 3-11/16"  | 119786     | 13   |                |                  |              |
|              | 3-3/4"    | 119758     | 12.7 | 7/8 x 3/16     | 7/8 x 7/16       | 7/8 x 5/8 Δ  |
|              | 3-13/16"  | 119787     | 12.7 | 1 x 1/2        | 1 x 1/2          | 1 x 1        |
|              | 3-7/8"    | 119759     | 12.6 |                |                  |              |
|              | 3-15/16"  | 119760     | 12.6 |                |                  |              |
|              | 4"        | 119761     | 12.6 |                |                  |              |
|              | 4-1/8" #  | 119788     | 12.6 | 1 x 1/4        | 1 x 1/2          | 1 x 3/4 Δ    |
|              | 4-3/16" # | 119762     | 12.6 |                |                  |              |
|              | 4-1/4" #  | 119763     | 12.6 |                |                  |              |
|              | 4-3/8" #  | 119764     | 12.6 |                |                  |              |
|              | 4-7/16" # | 119765     | 11.8 |                |                  |              |
|              | 1-7/16"   | 117310     | 24   |                |                  |              |
|              | 1-1/2"    | 117311     | 22   |                |                  |              |
|              | 1-5/8"    | 117312     | 22   | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
| 4040         | 1-11/16"  | 117313     | 21.9 |                |                  |              |
|              | 1-3/4"    | 117314     | 21.9 |                |                  |              |
|              | 1-7/8"    | 117315     | 21   |                |                  |              |
|              | 1-15/16"  | 117316     | 21.2 |                |                  |              |
|              | 2"        | 117317     | 21.1 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 2-1/8"    | 117318     | 20.6 |                |                  |              |
|              | 2-3/16"   | 117319     | 20.3 |                |                  |              |
|              | 2-1/4"    | 117320     | 20.2 |                |                  |              |
|              | 2-3/8"    | 117321     | 19.6 |                |                  |              |
|              | 2-7/16"   | 117322     | 19.3 |                |                  |              |
|              | 2-1/2"    | 117323     | 18.8 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-5/8"    | 117324     | 18.7 |                |                  |              |
|              | 2-11/16"  | 117325     | 18.3 |                |                  |              |
|              | 2-3/4"    | 117326     | 18.2 |                |                  |              |
|              | 2-13/16"  | 117267     | 17.8 |                |                  |              |
|              | 2-7/8"    | 117327     | 17.5 |                |                  |              |
|              | 2-15/16"  | 117328     | 17.2 |                |                  |              |
|              | 3"        | 117329     | 16.8 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|              | 3-1/8"    | 117330     | 16.2 |                |                  |              |
|              | 3-3/16"   | 117331     | 15.8 |                |                  |              |
|              | 3-1/4"    | 117332     | 15.5 |                |                  |              |
|              | 3-3/8"    | 117333     | 14.8 |                |                  |              |
|              | 3-7/16"   | 117334     | 14.4 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8    |
|              | 3-1/2"    | 117335     | 14   |                |                  |              |
|              | 3-5/8"    | 117337     | 13.5 |                |                  |              |
|              | 3-11/16"  | 117340     | 13.5 | 7/8 x 3/16     | 7/8 x 7/16       | 7/8 x 5/8 Δ  |
|              | 3-3/4"    | 117336     | 13.5 |                |                  |              |
|              | 3-7/8"    | 117341     | 12.9 |                |                  |              |
|              | 3-15/16"  | 117338     | 12.5 |                |                  |              |
|              | 4"        | 117352     | 12   |                |                  |              |
|              | 4-1/8" #  | 117714     | 11.2 | 1 x 1/4        | 1 x 1/2          | 1 x 3/4 Δ    |
|              | 4-3/16" # | 117715     | 10.7 |                |                  |              |
|              | 4-1/4" #  | 117716     | 10.3 |                |                  |              |
|              | 4-3/8" #  | 117717     | 9.5  |                |                  |              |
|              | 4-7/16" # | 117704     | 8.9  |                |                  |              |
|              | 48 mm     | 119818     | 21   | 14 X 3.8 mm    | 14 X 5.5 mm      | 14 X 9 mm    |
|              | 55 mm     | 119819     | 20.4 | 16 X 4.3 mm    | 16 X 6 mm        | 16 X 10 mm   |
|              | 60 mm     | 119820     | 19.5 | 18 X 4.4 mm    | 18 X 7 mm        | 18 X 11 mm   |
|              | 75 mm     | 117723     | 10   | 20 X 4.9 mm    | 20 X 7.5 mm      | 20 X 12 mm   |
|              | 80 mm     | 117724     | 10   | 22 X 5.4 mm    | 22 X 9 mm        | 22 X 14 mm   |
|              | 90 mm     | 117726     | 10   |                |                  |              |
|              | 95 mm     | 117725     | 10   | 25 X 5.4 mm    | 25 X 9 mm        | 25 x 14 mm   |
|              | 100 mm    | 117729     | 10   | 28 X 6.4 mm    | 28 X 10 mm       | 28 X 16 mm   |

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

Reference Guide

Synchronous Products

V-Belt Products

Roller Chain Sprockets

Bushing Products

Accessories Products



# Specification

## TAPER-LOCK Bushings - Stock Bore

Reference Guide

Synchronous Products

V-Belt Products

Roller Chain Sprockets

Bushing Products

Accessories Products

| TL Bush Size | Bore       | P/N Keyway | WT.  | Bushing Keyway | Shaft Keyway REF | Key Size REF  |
|--------------|------------|------------|------|----------------|------------------|---------------|
| 4545 (cont)  | 4-7/16"    | 117440     | 16.5 | 1 x 1/4        | 1 x 1/2          | 1 x 3/4 Δ     |
|              | 4-1/2"     | 117447     | 15.9 |                |                  |               |
|              | 4-3/4" #   | 117718     | 13.9 | 1-1/4 x 1/4    | 1-1/4 x 5/8      | 1-1/4 x 7/8 Δ |
|              | 4-7/8" #   | 117719     | 12.9 |                |                  |               |
|              | 4-15/16" # | 117705     | 12.5 |                |                  |               |
| 5040         | 2-7/16"    | 114865     | 39.5 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8     |
|              | 2-1/2"     | 114866     | 38.3 |                |                  |               |
|              | 2-9/16"    | 114867     | 37.7 |                |                  |               |
|              | 2-5/8"     | 114868     | 37.1 |                |                  |               |
|              | 2-11/16"   | 114869     | 36.9 |                |                  |               |
|              | 2-3/4"     | 114870     | 36.6 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4     |
|              | 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 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8     |
|              | 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 | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 3-7/16"    | 114881     | 32   |                |                  |               |
|              | 3-1/2"     | 114882     | 31.7 |                |                  |               |
|              | 3-9/16"    | 114883     | 31.4 |                |                  |               |
|              | 3-5/8"     | 114884     | 31.1 |                |                  |               |
|              | 3-11/16"   | 114885     | 30.4 | 1-1/4 x 1/4    | 1-1/4 x 5/8      | 1-1/4 x 7/8 Δ |
|              | 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 | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 4-1/8"     | 114891     | 27.5 |                |                  |               |
|              | 4-3/16"    | 114892     | 27.2 |                |                  |               |
|              | 4-1/4"     | 114893     | 27   |                |                  |               |
|              | 4-3/8"     | 114894     | 26   |                |                  |               |
|              | 4-7/16"    | 114895     | 25.1 | 1-1/4 x 1/4    | 1-1/4 x 5/8      | 1-1/4 x 7/8 Δ |
|              | 4-1/2"     | 114896     | 23.6 |                |                  |               |
|              | 4-3/4"     | 114897     | 22.9 |                |                  |               |
|              | 4-7/8"     | 114898     | 22.2 |                |                  |               |
|              | 4-15/16"   | 114899     | 20.6 |                |                  |               |
|              | 5"         | 114900     | 20.5 |                |                  |               |

Δ Key furnished for these sizes ONLY

+ These sizes are STEEL

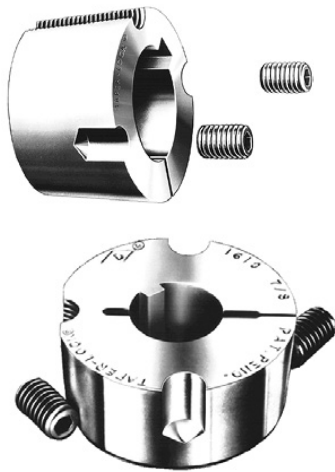
# Refer to torque capacity ratings on page PT6-3. If service factor of 2.0 or greater is required consult Dodge

| TL Bush Size | Bore     | P/N Keyway | WT.   | Bushing Keyway | Shaft Keyway REF | Key Size REF  |
|--------------|----------|------------|-------|----------------|------------------|---------------|
| 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    |                |                  |               |
|              | 3-3/8"   | 117452     | 33    | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8     |
|              | 3-7/16"  | 117460     | 32.6  |                |                  |               |
|              | 3-5/8"   | 117453     | 31.2  |                |                  |               |
|              | 3-7/8"   | 117454     | 29.3  | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 3-15/16" | 117461     | 28.6  |                |                  |               |
|              | 4"       | 117466     | 28.3  |                |                  |               |
|              | 4-1/4"   | 117465     | 26.2  |                |                  |               |
|              | 4-3/8"   | 117469     | 25    |                |                  |               |
|              | 4-7/16"  | 117462     | 24.4  | 1-1/4 x 1/4    | 1-1/4 x 5/8      | 1-1/4 x 7/8 Δ |
|              | 4-1/2"   | 117467     | 23.9  |                |                  |               |
|              | 4-5/8"   | 117734     | 23    |                |                  |               |
|              | 4-7/8"   | 117468     | 22.3  | 28 X 6.4 mm    | 28 X 10 mm       | 28 X 16 mm    |
|              | 4-15/16" | 117463     | 21.4  |                |                  |               |
|              | 5"       | 117464     | 20.9  |                |                  |               |
| 6050         | 110 mm   | 117736     | 26.2  | 28 X 6.4 mm    | 28 X 10 mm       | 28 X 16 mm    |
|              | 4-7/16"  | 117474     | 63.6  | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 4-15/16" | 117473     | 58.2  | 1-1/4 x 5/8    | 1-1/4 x 5/8      | 1-1/4 x 1-1/4 |
|              | 5-7/16"  | 117475     | 52.3  | 1-1/2 x 3/4    | 1-1/2 x 3/4      | 1-1/2 x 1-1/2 |
|              | 6"       | 117477     | 46.4  | 1-1/2 x 3/4    | 1-1/2 x 3/4      | 1-1/2 x 1-1/2 |
| 7060         | 4-15/16" | 117490     | 92    | 1-1/4 x 5/8    | 1-1/4 x 5/8      | 1-1/4 x 1-1/4 |
|              | 5-7/16"  | 117491     | 84.5  | 1-1/2 x 3/4    | 1-1/2 x 3/4      | 1-1/2 x 1-1/2 |
|              | 5-15/16" | 117492     | 78.2  | 1-3/4 x 3/4    | 1-3/4 x 3/4      | 1-3/4 x 1-1/2 |
|              | 6"       | 117493     | 76.6  | 2 x 3/4        | 2 x 3/4          | 2 x 1-1/2     |
|              | 6-7/16"  | 117494     | 68.1  | 2-1/2 x 7/8    | 2-1/2 x 7/8      | 2-1/2 x 1-3/4 |
|              | 6-1/2"   | 117495     | 68.7  | 3 x 1          | 3 x 1            | 3 x 2         |
|              | 6-15/16" | 117496     | 62.1  | 3-1/4 x 3/4    | 3-1/4 x 3/4      | 3-1/4 x 1-1/2 |
| 8065         | 7" #     | 117497     | 60.6  | 3-1/4 x 3/4    | 3-1/4 x 3/4      | 3-1/4 x 1-1/2 |
|              | 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 | 1-1/2 x 3/4    | 1-1/2 x 3/4      | 1-1/2 x 1-1/2 |
|              | 6-7/16"  | 117481     | 102.3 | 1-3/4 x 3/4    | 1-3/4 x 3/4      | 1-3/4 x 1-1/2 |
|              | 6-1/2"   | 117482     | 101.8 | 2 x 3/4        | 2 x 3/4          | 2 x 1-1/2     |
|              | 6-15/16" | 117488     | 92    | 2-1/2 x 7/8    | 2-1/2 x 7/8      | 2-1/2 x 1-3/4 |
|              | 7"       | 117483     | 91.1  | 3 x 1          | 3 x 1            | 3 x 2         |
| 10085        | 7-1/2"   | 117503     | 89.9  | 3-1/4 x 3/4    | 3-1/4 x 3/4      | 3-1/4 x 1-1/2 |
|              | 8" #     | 117484     | 89.9  | 3-1/4 x 3/4    | 3-1/4 x 3/4      | 3-1/4 x 1-1/2 |
|              | 7"       | 117486     | 245   | 2 x 3/4        | 2 x 3/4          | 2 x 1-1/2     |
|              | 8"       | 117485     | 219   | 2-1/2 x 7/8    | 2-1/2 x 7/8      | 2-1/2 x 1-3/4 |
|              | 8-1/4"   | 117411     | 210   | 3 x 1          | 3 x 1            | 3 x 2         |
| 120100       | 9"       | 117487     | 190   | 3-1/4 x 3/4    | 3-1/4 x 3/4      | 3-1/4 x 1-1/2 |
|              | 10"      | 117510     | 157.5 | 4 x 1-1/2      | 4 x 1-1/2        | 4 x 2         |
|              | 8"       | 117522     | 410   | 4-1/2 x 3/4    | 4-1/2 x 3/4      | 4-1/2 x 1-1/2 |
|              | 8-1/2"   | 117523     | 395   | 5 x 1/2        | 5 x 1/2          | 5 x 1         |
|              | 9"       | 117520     | 380   | 5-1/2 x 3/4    | 5-1/2 x 3/4      | 5-1/2 x 1-1/2 |
|              | 9-1/2"   | 117524     | 365   | 6 x 1/2        | 6 x 1/2          | 6 x 1         |
|              | 10"      | 117521     | 350   | 6-1/2 x 3/4    | 6-1/2 x 3/4      | 6-1/2 x 1-1/2 |
|              | 10-1/2"  | 117525     | 335   | 7 x 1/2        | 7 x 1/2          | 7 x 1         |
|              | 11"      | 117526     | 320   | 7-1/2 x 3/4    | 7-1/2 x 3/4      | 7-1/2 x 1-1/2 |
|              | 11-1/2"  | 117527     | 305   | 8 x 1/2        | 8 x 1/2          | 8 x 1         |
|              | 12" #    | 117508     | 290   | 8-1/2 x 3/4    | 8-1/2 x 3/4      | 8-1/2 x 1-1/2 |



# 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 rebore and keyseat service as listed in MLP price book includes sawsplit

| TL Bush | Sintered Steel |        | Cast Iron |        | Ductile Iron |        | Steel   |        | Stainless Steel |        |
|---------|----------------|--------|-----------|--------|--------------|--------|---------|--------|-----------------|--------|
| Size    | 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    | 1/2"           | 396172 | -         | -      | -            | -      | 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 | -            | -      | -       | -      | -               | -      |

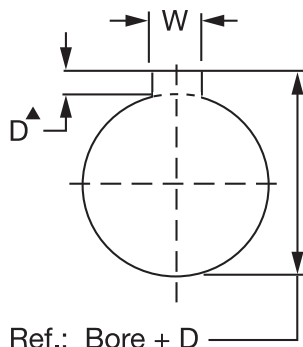
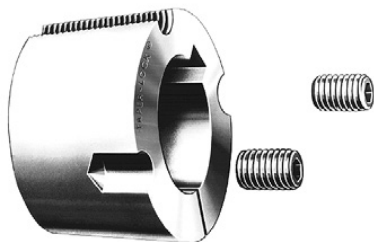
### TAPER-LOCK Bushings - Maximum Bore Capacities (Inches)

| 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

# 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      | 75        | 75          | 76      | -            | -           | -       | 80       | 80          | 82      |
| 3030         | 24       | -              | -           | -       | 75        | 75          | 76      | -            | -           | -       | 80       | 80          | 82      |
| 3525         | 31       | -              | -           | -       | 90        | 90          | 90      | 95           | 95          | 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     | 115          | 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



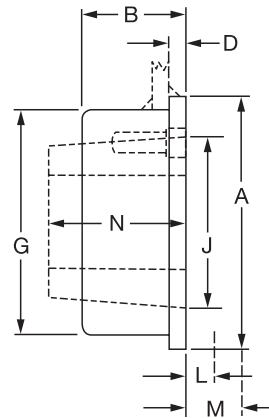
Dodge Weld-On hubs are made of 1015-1025 steel, drilled, tapped, and taper bored to receive TAPER-LOCK bushings. They are useful for welding into fan rotors, pulleys, plate sprockets, impellers, agitators, etc. which must be firmly mounted onto shafting. Four types of hubs are available from stock:

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

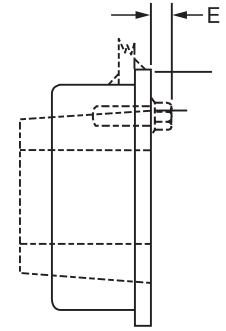
**TYPE K:** More compact design, especially useful for two-hub construction such as conveyor pulleys.

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

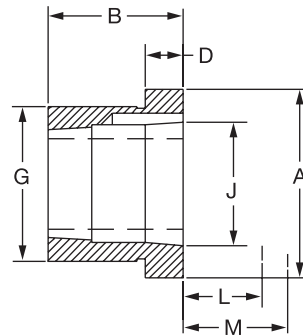
**TYPE F:** Features a larger flange diameter that can be welded into standard steel tubing to fabricate conveyor pulleys or process rolls.



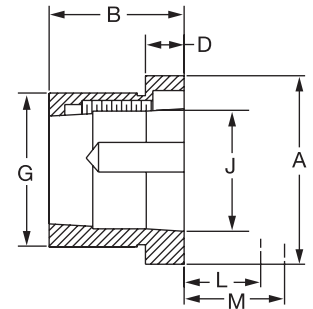
K25 to K50



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.

# Specification

## TAPER-LOCK Weld-On Hubs

### Type S Weld-On Hubs

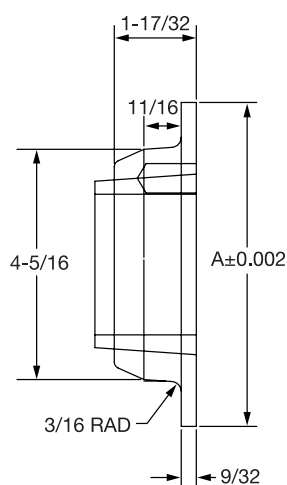
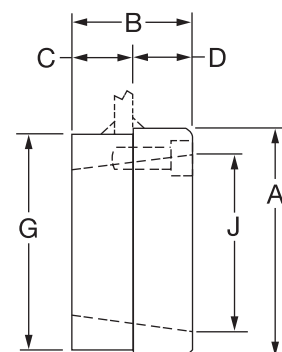
| Hub No. | Part No. | Uses Bush. | Bore Range         | Wt.   | Dimensions |      |       |      |       |               |        |
|---------|----------|------------|--------------------|-------|------------|------|-------|------|-------|---------------|--------|
|         |          |            |                    |       | A          | B    | C     | D    | G     | G Toler.      | J Ref. |
| S16-4   | 097023   | 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   | 097024   | 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   | 097025   | 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   | 097015   | 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   | 097016   | 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   | 097017   | 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  | 097018   | 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  | 097019   | 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  | 097020   | 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  | 097021   | 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     | 097022   | 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

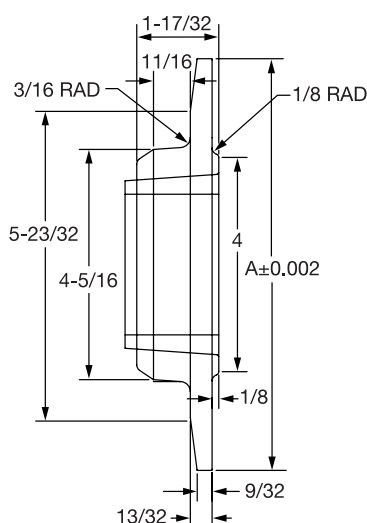
| Hub No. | Part No. | Uses Bush. | Bore Range      | Wt. | A     |
|---------|----------|------------|-----------------|-----|-------|
| 6F25P   | 226091   | 2517       | 1/2 to 2-11/16" | 3.9 | 6.048 |
| 6F25A   | 226026   | 2517       | 1/2 to 2-11/16" | 3.8 | 5.685 |
| 6F25B   | 226027   | 2517 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



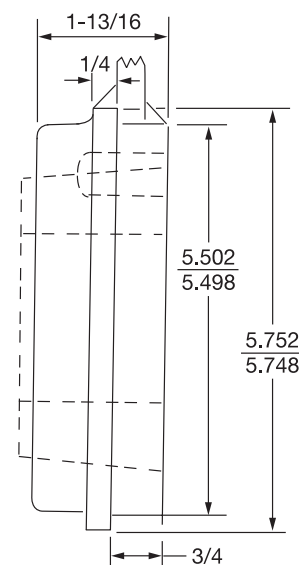
Type S



8F25



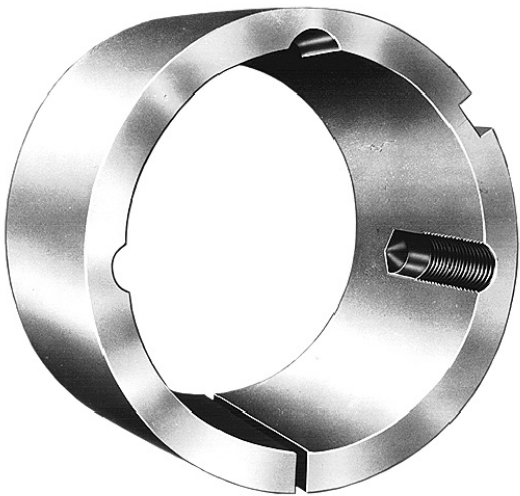
6F25



F30

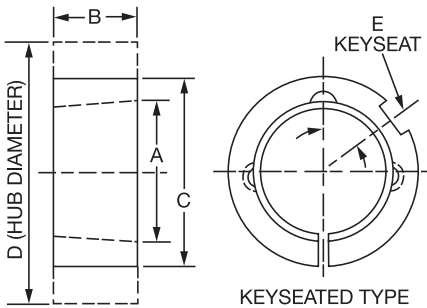
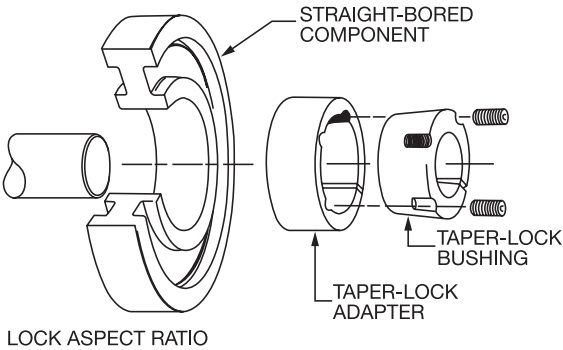
# Specification

## TAPER-LOCK Adapters



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

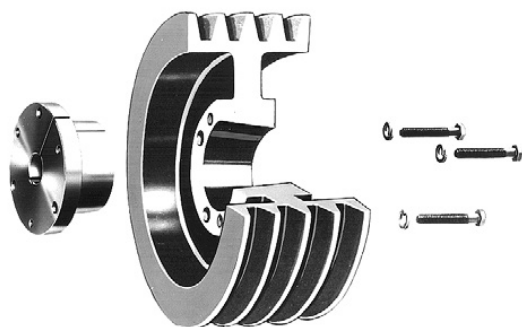
| Adapter No. | Type      | For Use With Bush. No. | Adapter Part No. | Adapter Wt. | A Ref. | B    | C*    | D: Req'd Hub Dia. † |       | E          |
|-------------|-----------|------------------------|------------------|-------------|--------|------|-------|---------------------|-------|------------|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

# Features/Benefits

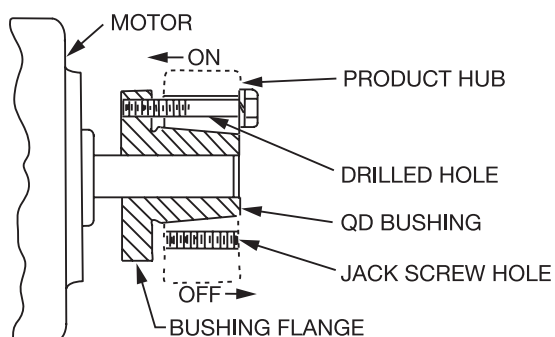
## QD Bushings



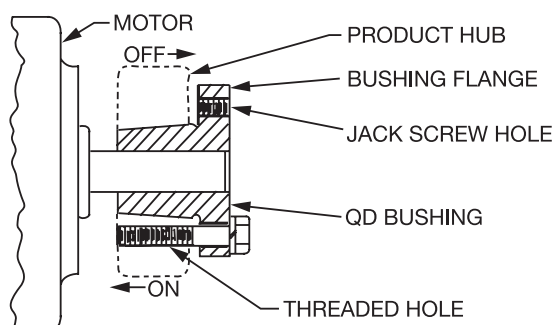
- Easy on/Easy off
- Manufactured precisely to industry standards
- Conventional or Reverse Mounting, including sizes M thru W - Dodge exclusive!
- QD is a registered trademark of Emerson Electric



### CONVENTIONAL



### REVERSE



## 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 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

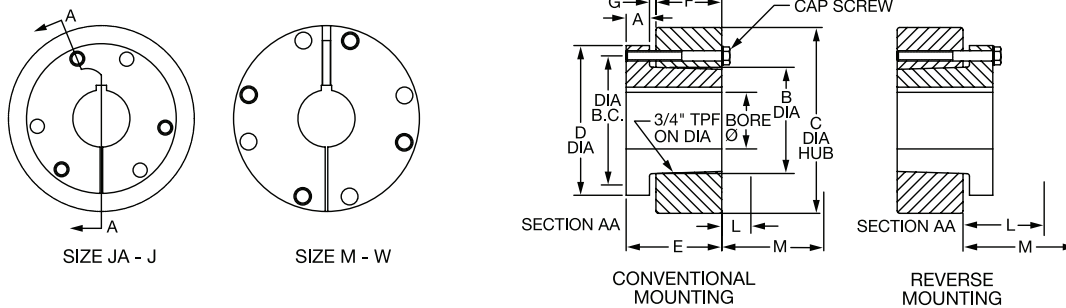
### Easy Off

- 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 [dodge.ptplace.com](http://dodge.ptplace.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 |        |       |       |      |
| H           | 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      | -       | 0.88       | 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      | -       | 1.13       | 5.14   | 9.00       | 8.00  | 7.25   | 4.63  | 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 |      |
|            |                     |      |                  |                        | #                         | @    | #        | @    | #                | @    | #        | @    |
| H          | 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 [dodge.ptplace.com](http://dodge.ptplace.com)



Specification

Bushings For Bushed FHP Sheave - Stock Bore

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

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

QD Bushings - Stock Bore

| QD Bush Size | Bore     | P/N    | WT.  | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|----------|--------|------|----------------|------------------|--------------|
| JA           | 1/2"     | 120332 | 0.46 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"    | 120333 | 0.46 |                |                  |              |
|              | 5/8"     | 120334 | 0.45 |                |                  |              |
|              | 11/16"   | 120335 | 0.43 |                |                  |              |
|              | 3/4"     | 120336 | 0.41 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 13/16"   | 120337 | 0.40 |                |                  |              |
|              | 7/8"     | 120338 | 0.37 |                |                  |              |
|              | 15/16"   | 120339 | 0.35 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1"       | 120340 | 0.33 |                |                  |              |
|              | 1-1/16"  | 120341 | 0.34 |                |                  |              |
|              | 1-1/8"   | 120342 | 0.31 | 1/4 x 1/16     | 1/4 x 1/8        | 1/4 x 3/16 * |
|              | 1-3/16"  | 120343 | 0.29 |                |                  |              |
|              | 1-1/4"   | 120344 | 0.25 | None           |                  |              |
|              | 19MM     | 117049 | 0.42 | 6 x 2.8MM      | 6 x 3.5MM        | 6 x 6MM      |
|              | 20MM     | 120329 | 0.41 |                |                  |              |
| 22MM         | 117043   | 0.40   |      |                |                  |              |
| SH           | 1/2"     | 120345 | 1.16 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"    | 120346 | 1.14 |                |                  |              |
|              | 5/8"     | 120347 | 1.14 |                |                  |              |
|              | 11/16"   | 120348 | 1.14 |                |                  |              |
|              | 3/4"     | 120349 | 1.10 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 13/16"   | 120350 | 1.07 |                |                  |              |
|              | 7/8"     | 120351 | 1.04 |                |                  |              |
|              | 15/16"   | 120352 | 1.00 |                |                  |              |
|              | 1"       | 120353 | 0.98 |                |                  |              |
|              | 1-1/16"  | 120354 | 0.94 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/8"   | 120355 | 0.91 |                |                  |              |
|              | 1-3/16"  | 120356 | 0.88 |                |                  |              |
|              | 1-1/4"   | 120357 | 0.84 |                |                  |              |
|              | 1-5/16"  | 120358 | 0.82 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/8"   | 120359 | 0.80 |                |                  |              |
|              | 1-7/16"  | 120360 | 0.79 |                |                  |              |
|              | 1-1/2"   | 120361 | 0.75 | 3/8 x 1/16     | 3/8 x 3/16       | 3/8 x 1/4 *  |
|              | 1-9/16"  | 120362 | 0.90 |                |                  |              |
|              | 1-5/8"   | 120363 | 0.64 |                |                  |              |
|              | 1-11/16" | 120580 | 0.55 | None           |                  |              |
|              | 24MM     | 120088 | 1.00 |                |                  |              |
|              | 25MM     | 120089 | 0.99 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 28MM     | 120090 | 0.93 |                |                  |              |
|              | 30MM     | 120091 | 0.87 |                |                  |              |
|              | 32MM     | 120092 | 0.82 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 35MM     | 120093 | 0.74 |                |                  |              |

Specification

QD Bushings - Stock Bore

| QD Bush Size | Bore     | P/N    | WT.  | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|----------|--------|------|----------------|------------------|--------------|
| SDS          | 1/2"     | 120388 | 1.65 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 9/16"    | 120389 | 1.65 |                |                  |              |
|              | 5/8"     | 120390 | 1.61 |                |                  |              |
|              | 11/16"   | 120391 | 1.60 |                |                  |              |
|              | 3/4"     | 120392 | 1.58 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 13/16"   | 120393 | 1.54 |                |                  |              |
|              | 7/8"     | 120394 | 1.54 |                |                  |              |
|              | 15/16"   | 120395 | 1.50 |                |                  |              |
|              | 1"       | 120396 | 1.46 |                |                  |              |
|              | 1-1/16"  | 120397 | 1.43 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/8"   | 120398 | 1.38 |                |                  |              |
|              | 1-3/16"  | 120399 | 1.36 |                |                  |              |
|              | 1-1/4"   | 120400 | 1.32 |                |                  |              |
|              | 1-5/16"  | 120401 | 1.26 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/8"   | 120402 | 1.24 |                |                  |              |
| SDS (cont)   | 1-7/16"  | 120403 | 1.19 |                |                  |              |
|              | 1-1/2"   | 120404 | 1.15 |                |                  |              |
|              | 1-9/16"  | 120405 | 1.11 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-5/8"   | 120406 | 1.08 |                |                  |              |
|              | 1-11/16" | 120407 | 1.08 | 3/8 x 1/8      | 3/8 x 3/16       | 3/8 x 5/16 * |
|              | 1-3/4"   | 120408 | 1.02 |                |                  |              |
|              | 1-13/16" | 120409 | 0.98 |                |                  |              |
|              | 1-7/8"   | 120410 | 0.92 | 1/2 x 1/16     | 1/2 x 1/4        | 1/2 x 5/16 * |
|              | 1-15/16" | 120411 | 0.87 |                |                  |              |
|              | 2"       | 120412 | 0.77 | None           |                  |              |
|              | 24MM     | 120094 | 1.47 |                |                  |              |
|              | 25MM     | 120095 | 1.47 |                |                  |              |
|              | 28MM     | 120096 | 1.41 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 30MM     | 120097 | 1.36 |                |                  |              |
|              | 32MM     | 120098 | 1.31 |                |                  |              |
|              | 35MM     | 120099 | 1.22 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 38MM     | 120100 | 1.00 |                |                  |              |
|              | 40MM     | 120101 | 1.01 |                |                  |              |
|              | 42MM     | 120102 | 1.02 | 12 X 3.3MM     | 12 X 5MM         | 12 X 8MM     |

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

| QD Bush Size | Bore     | P/N    | WT.  | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|----------|--------|------|----------------|------------------|--------------|
| SD           | 1/2"     | 120364 | 2.07 |                |                  |              |
|              | 9/16"    | 120365 | 2.05 | 1/8 x 1/16     | 1/8 x 1/16       | 1/8 x 1/8    |
|              | 5/8"     | 120366 | 2.03 |                |                  |              |
|              | 11/16"   | 120367 | 2.00 |                |                  |              |
|              | 3/4"     | 120368 | 2.00 | 3/16 x 3/32    | 3/16 x 3/32      | 3/16 x 3/16  |
|              | 13/16"   | 120369 | 2.00 |                |                  |              |
|              | 7/8"     | 120370 | 1.88 |                |                  |              |
|              | 15/16"   | 120371 | 1.85 |                |                  |              |
|              | 1"       | 120372 | 1.80 |                |                  |              |
|              | 1-1/16"  | 120373 | 1.79 | 1/4 x 1/8      | 1/4 x 1/8        | 1/4 x 1/4    |
|              | 1-1/8"   | 120374 | 1.72 |                |                  |              |
|              | 1-3/16"  | 120375 | 1.67 |                |                  |              |
|              | 1-1/4"   | 120376 | 1.62 |                |                  |              |
|              | 1-5/16"  | 120377 | 1.55 | 5/16 x 5/32    | 5/16 x 5/32      | 5/16 x 5/16  |
|              | 1-3/8"   | 120378 | 1.50 |                |                  |              |
| SD           | 1-7/16"  | 120379 | 1.44 |                |                  |              |
|              | 1-1/2"   | 120380 | 1.36 |                |                  |              |
|              | 1-9/16"  | 120381 | 1.29 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-5/8"   | 120382 | 1.29 |                |                  |              |
|              | 1-11/16" | 120383 | 1.20 |                |                  |              |
|              | 1-3/4"   | 120384 | 1.19 | 3/8 x 1/8      | 3/8 x 3/16       | 3/8 x 5/16 * |
|              | 1-13/16" | 120385 | 1.15 |                |                  |              |
|              | 1-7/8"   | 120386 | 1.07 | 1/2 x 1/16     | 1/2 x 1/4        | 1/2 x 5/16 * |
|              | 1-15/16" | 120387 | 1.00 |                |                  |              |
|              | 2"       | 120581 | 0.84 | None           |                  |              |
|              | 24MM     | 120103 | 1.84 |                |                  |              |
|              | 25MM     | 120104 | 1.82 |                |                  |              |
|              | 28MM     | 120105 | 1.72 | 8 X 3.3MM      | 8 X 4MM          | 8 X 7MM      |
|              | 30MM     | 120106 | 1.66 |                |                  |              |
|              | 32MM     | 120107 | 1.58 |                |                  |              |
|              | 35MM     | 120108 | 1.49 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 38MM     | 120109 | 1.37 |                |                  |              |
|              | 40MM     | 120110 | 1.28 |                |                  |              |
|              | 42MM     | 120111 | 1.18 | 12 X 3.3MM     | 12 X 5MM         | 12 X 8MM     |

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  | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-3/4"   | 120468 | 4.16  |                |                  |              |
|              | 1-13/16" | 120469 | 4.06  |                |                  |              |
|              | 1-7/8"   | 120470 | 4.00  |                |                  |              |
|              | 1-15/16" | 120471 | 3.87  |                |                  |              |
|              | 2"       | 120472 | 3.78  |                |                  |              |
| SF (cont)    | 2-1/16"  | 120473 | 3.70  | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 2-1/8"   | 120474 | 3.57  |                |                  |              |
|              | 2-3/16"  | 120475 | 3.45  |                |                  |              |
|              | 2-1/4"   | 120476 | 3.38  |                |                  |              |
|              | 2-5/16"  | 120477 | 3.32  |                |                  |              |
|              | 2-3/8"   | 120478 | 3.39  |                |                  |              |
|              | 2-7/16"  | 120479 | 3.26  | 5/8 x 3/16     | 5/8 x 5/16       | 5/8 x 1/2 *  |
|              | 2-1/2"   | 120592 | 3.16  |                |                  |              |
|              | 2-5/8"   | 120482 | 2.91  |                |                  |              |
|              | 2-11/16" | 120483 | 2.80  |                |                  |              |
|              | 2-3/4"   | 120484 | 2.59  |                |                  |              |
|              | 2-13/16" | 120485 | 2.50  |                |                  |              |
| SF (cont)    | 2-7/8"   | 120486 | 2.35  | 3/4 x 1/16     | 3/4 x 3/8        | 3/4 x 7/16 * |
|              | 2-15/16" | 120487 | 2.22  |                |                  |              |
|              | 28MM     | 120124 | 5.00  |                |                  |              |
|              | 30MM     | 120125 | 4.90  |                |                  |              |
|              | 32MM     | 120126 | 4.77  |                |                  |              |
|              | 35MM     | 120127 | 4.61  |                |                  |              |
|              | 38MM     | 120128 | 4.48  | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 40MM     | 120129 | 4.42  |                |                  |              |
|              | 42MM     | 120130 | 4.32  |                |                  |              |
|              | 45MM     | 120071 | 4.16  |                |                  |              |
|              | 48MM     | 120131 | 4.00  |                |                  |              |
|              | 50MM     | 120132 | 3.87  |                |                  |              |
| SF (cont)    | 55MM     | 120133 | 3.57  | 16 X 4.3MM     | 16 X 6MM         | 16 X 10MM    |
|              | 60MM     | 120134 | 3.39  |                |                  |              |
|              | 7/8"     | 120488 | 11.80 |                |                  |              |
|              | 1"       | 120490 | 11.65 |                |                  |              |
|              | 1-1/8"   | 120492 | 11.46 |                |                  |              |
|              | 1-3/16"  | 120493 | 11.40 |                |                  |              |
| SF (cont)    | 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 |                |                  |              |
|              | 1-9/16"  | 120499 | 10.82 |                |                  |              |
| SF (cont)    | 1-5/8"   | 120500 | 10.69 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-11/16" | 120501 | 10.56 |                |                  |              |
|              | 1-3/4"   | 120502 | 10.46 |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |

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\* Key furnished for these sizes ONLY

| 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  | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-1/4"   | 120510 | 9.42  |                |                  |              |
|              | 2-5/16"  | 120511 | 9.07  |                |                  |              |
|              | 2-3/8"   | 120512 | 8.95  |                |                  |              |
|              | 2-7/16"  | 120513 | 8.77  |                |                  |              |
|              | 2-1/2"   | 120514 | 8.72  |                |                  |              |
| E (cont)     | 2-5/8"   | 120516 | 8.37  | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|              | 2-11/16" | 120517 | 8.05  |                |                  |              |
|              | 2-3/4"   | 120518 | 7.90  |                |                  |              |
|              | 2-13/16" | 120519 | 7.70  |                |                  |              |
|              | 2-7/8"   | 120520 | 7.32  |                |                  |              |
|              | 2-15/16" | 120521 | 7.53  |                |                  |              |
|              | 3"       | 120522 | 7.31  | 7/8 x 1/8      | 7/8 x 7/16       | 7/8 x 9/16 * |
|              | 3-1/8"   | 120524 | 6.90  |                |                  |              |
|              | 3-3/16"  | 120525 | 6.69  |                |                  |              |
|              | 3-1/4"   | 120526 | 6.48  |                |                  |              |
|              | 3-5/16"  | 120527 | 6.10  |                |                  |              |
|              | 3-3/8"   | 120528 | 6.21  |                |                  |              |
| E (cont)     | 3-7/16"  | 120529 | 5.86  | 7/8 x 1/16     | 7/8 x 7/16       | 7/8 x 1/2 *  |
|              | 3-1/2"   | 120530 | 5.73  |                |                  |              |
|              | 28MM     | 120073 | 10.20 |                |                  |              |
|              | 30MM     | 120074 | 10.20 |                |                  |              |
|              | 32MM     | 120075 | 10.20 |                |                  |              |
|              | 35MM     | 120135 | 10.20 |                |                  |              |
|              | 38MM     | 120136 | 10.00 | 10 X 3.3MM     | 10 X 5MM         | 10 X 8MM     |
|              | 40MM     | 120137 | 10.88 |                |                  |              |
|              | 42MM     | 120138 | 9.80  |                |                  |              |
|              | 45MM     | 120141 | 9.60  |                |                  |              |
|              | 48MM     | 120139 | 10.26 |                |                  |              |
|              | 50MM     | 120140 | 10.06 |                |                  |              |
| E (cont)     | 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  |                |                  |              |
|              | 75MM     | 120146 | 7.28  |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |
|              |          |        |       |                |                  |              |

Specification

QD Bushings - Stock Bore

| QD Bush Size | Bore     | P/N    | WT.   | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|----------|--------|-------|----------------|------------------|--------------|
| 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 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 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 |                |                  |              |
|              | 1-13/16" | 120544 | 17.62 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 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 |                |                  |              |
|              | 2-5/16"  | 120552 | 15.95 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-3/8"   | 120553 | 15.50 |                |                  |              |
|              | 2-7/16"  | 120554 | 15.50 |                |                  |              |
|              | 2-1/2"   | 120555 | 15.37 |                |                  |              |
|              | 2-5/8"   | 120557 | 14.86 |                |                  |              |
|              | 2-11/16" | 120558 | 14.50 |                |                  |              |
|              | 2-3/4"   | 120559 | 14.37 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|              | 2-13/16" | 120560 | 14.00 |                |                  |              |
|              | 2-7/8"   | 120561 | 14.02 |                |                  |              |
|              | 2-15/16" | 120562 | 13.47 |                |                  |              |
|              | 3"       | 120563 | 13.20 |                |                  |              |
|              | 3-1/8"   | 120565 | 12.67 |                |                  |              |
| F (cont)     | 3-3/16"  | 120566 | 12.50 | 7/8 x 3/16     | 7/8 x 7/16       | 7/8 x 5/8 *  |
|              | 3-1/4"   | 120567 | 12.00 |                |                  |              |
|              | 3-3/8"   | 120569 | 12.00 |                |                  |              |
|              | 3-7/16"  | 120570 | 11.88 |                |                  |              |
|              | 3-1/2"   | 120571 | 11.40 |                |                  |              |
|              | 3-5/8"   | 120573 | 10.53 |                |                  |              |
|              | 3-11/16" | 120574 | 14.00 | 1 x 1/8        | 1 x 1/2          | 1 x 5/8 *    |
|              | 3-3/4"   | 120575 | 9.89  |                |                  |              |
|              | 3-7/8"   | 120577 | 9.26  |                |                  |              |
|              | 3-15/16" | 120578 | 9.23  |                |                  |              |
|              | 4"       | 120579 | 7.96  | None           | 14 X 3.8MM       | 14 X 9MM     |
|              | 45MM     | 120076 | 16.20 | 18 X 4.4MM     | 18 X 7MM         | 18 X 11MM    |
|              | 48MM     | 120147 | 16.00 |                |                  |              |
|              | 50MM     | 120148 | 15.80 |                |                  |              |
|              | 55MM     | 120149 | 15.80 | 20 X 4.9MM     | 20 x 7.5MM       | 20 X 12MM    |
|              | 60MM     | 120150 | 15.80 |                |                  |              |
|              | 65MM     | 120151 | 14.30 |                |                  |              |
|              | 70MM     | 120152 | 14.30 | 22 X 5.4MM     | 22 X 9MM         | 22 X 14MM    |
|              | 75MM     | 120153 | 13.50 |                |                  |              |
|              | 80MM     | 120154 | 12.55 |                |                  |              |
|              | 85MM     | 120155 | 10.60 | 25 X 5.4MM     | 25 X 9MM         | 25 X 14MM    |
|              | 90MM     | 120077 | 10.50 |                |                  |              |

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\* Key furnished for these sizes ONLY

| QD Bush Size | Bore     | P/N    | WT.   | Bushing Keyway | Shaft Keyway REF | Key Size REF |
|--------------|----------|--------|-------|----------------|------------------|--------------|
| J            | 1-1/2"   | 120600 | 28.97 | 3/8 x 3/16     | 3/8 x 3/16       | 3/8 x 3/8    |
|              | 1-5/8"   | 120601 | 28.61 |                |                  |              |
|              | 1-3/4"   | 120603 | 28.28 |                |                  |              |
|              | 1-7/8"   | 120604 | 27.79 |                |                  |              |
|              | 1-15/16" | 120605 | 27.53 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2    |
|              | 2"       | 120606 | 27.33 |                |                  |              |
|              | 2-1/8"   | 120607 | 26.74 |                |                  |              |
|              | 2-3/16"  | 120608 | 26.37 |                |                  |              |
|              | 2-1/4"   | 120609 | 26.32 |                |                  |              |
|              | 2-3/8"   | 120610 | 25.65 |                |                  |              |
|              | 2-7/16"  | 120611 | 25.52 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8    |
|              | 2-1/2"   | 120612 | 25.05 |                |                  |              |
|              | 2-5/8"   | 120613 | 24.50 |                |                  |              |
|              | 2-11/16" | 120614 | 24.18 |                |                  |              |
|              | 2-3/4"   | 120615 | 23.86 |                |                  |              |
|              | 2-7/8"   | 120617 | 23.15 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4    |
|              | 2-15/16" | 120618 | 23.07 |                |                  |              |
|              | 3"       | 120619 | 22.43 |                |                  |              |
|              | 3-1/8"   | 120620 | 21.68 |                |                  |              |
|              | 3-3/16"  | 120621 | 21.35 |                |                  |              |
|              | 3-1/4"   | 120622 | 20.98 |                |                  |              |
|              | 3-3/8"   | 120623 | 20.33 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8    |
|              | 3-7/16"  | 120624 | 21.13 |                |                  |              |
|              | 3-1/2"   | 120625 | 19.58 |                |                  |              |
|              | 3-5/8"   | 120626 | 18.44 |                |                  |              |
|              | 3-11/16" | 120627 | 18.04 |                |                  |              |
|              | 3-3/4"   | 120628 | 17.62 |                |                  |              |
| J (cont)     | 3-7/8"   | 120629 | 17.94 | 1 x 1/8        | 1 x 1/2          | 1 x 5/8 *    |
|              | 3-15/16" | 120630 | 17.38 |                |                  |              |
|              | 4"       | 120631 | 16.62 |                |                  |              |
|              | 4-1/8"   | 120632 | 15.69 |                |                  |              |
|              | 4-3/16"  | 120633 | 14.55 |                |                  |              |
|              | 4-1/4"   | 120634 | 14.68 | 20 X 4.9MM     | 20 x 7.5MM       | 20 X 12MM    |
|              | 4-3/8"   | 120635 | 14.00 |                |                  |              |
|              | 4-7/16"  | 120636 | 13.49 |                |                  |              |
|              | 4-1/2"   | 120637 | 12.67 |                |                  |              |
|              | 50MM     | 120157 | 26.50 | 22 X 5.4MM     | 22 X 9MM         | 22 X 14MM    |
|              | 55MM     | 120158 | 25.60 |                |                  |              |
|              | 60MM     | 120159 | 25.82 |                |                  |              |
|              | 65MM     | 120160 | 25.25 | 25 X 5.4MM     | 25 X 9MM         | 25 X 14MM    |
|              | 70MM     | 120161 | 24.04 |                |                  |              |
|              | 75MM     | 120162 | 21.90 |                |                  |              |
|              | 80MM     | 120163 | 20.90 | 28 X 6.4MM     | 28 X 10MM        | 28 X 16MM    |
|              | 85MM     | 120164 | 20.52 |                |                  |              |
|              | 90MM     | 120165 | 18.10 |                |                  |              |
|              | 95MM     | 120166 | 16.80 |                |                  |              |
|              | 100MM    | 120167 | 16.50 |                |                  |              |

# Specification

## QD Bushings - Stock Bore

| QD Bush Size | Bore     | P/N    | WT.   | Bushing Keyway | Shaft Keyway REF | Key Size REF  |
|--------------|----------|--------|-------|----------------|------------------|---------------|
| M            | 2"       | 119900 | 62.65 | 1/2 x 1/4      | 1/2 x 1/4        | 1/2 x 1/2     |
|              | 2-1/8"   | 119901 | 62.65 |                |                  |               |
|              | 2-3/16"  | 119902 | 61.58 |                |                  |               |
|              | 2-1/4"   | 119903 | 61.14 |                |                  |               |
|              | 2-3/8"   | 119904 | 59.50 |                |                  |               |
|              | 2-7/16"  | 119905 | 59.35 | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8     |
|              | 2-1/2"   | 119906 | 59.21 |                |                  |               |
|              | 2-5/8"   | 119907 | 58.69 |                |                  |               |
|              | 2-3/4"   | 119908 | 57.86 |                |                  |               |
|              | 2-7/8"   | 119909 | 56.57 |                |                  |               |
|              | 2-15/16" | 119910 | 56.17 |                |                  |               |
|              | 3"       | 119911 | 56.10 | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4     |
|              | 3-1/8"   | 119912 | 55.82 |                |                  |               |
|              | 3-3/16"  | 119913 | 53.84 |                |                  |               |
|              | 3-1/4"   | 119914 | 53.42 |                |                  |               |
|              | 3-3/8"   | 119915 | 52.06 |                |                  |               |
|              | 3-7/16"  | 119916 | 52.04 | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8     |
|              | 3-1/2"   | 119917 | 51.12 |                |                  |               |
|              | 3-5/8"   | 119918 | 50.08 |                |                  |               |
|              | 3-11/16" | 119919 | 49.00 |                |                  |               |
|              | 3-3/4"   | 119920 | 48.47 |                |                  |               |
| M (cont)     | 3-7/8"   | 119921 | 47.03 | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 3-15/16" | 119922 | 46.26 |                |                  |               |
|              | 4"       | 119923 | 46.09 |                |                  |               |
|              | 4-1/8"   | 119924 | 44.31 |                |                  |               |
|              | 4-3/16"  | 119925 | 43.64 |                |                  |               |
|              | 4-1/4"   | 119926 | 42.81 | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 4-3/8"   | 119927 | 41.46 |                |                  |               |
|              | 4-7/16"  | 119928 | 40.60 |                |                  |               |
|              | 4-1/2"   | 119929 | 40.27 |                |                  |               |
|              | 4-11/16" | 119930 | 37.12 | 1-1/4 x 5/8    | 1-1/4 x 5/8      | 1-1/4 x 1-1/4 |
|              | 4-3/4"   | 119931 | 37.00 |                |                  |               |
|              | 4-7/8"   | 119932 | 36.89 |                |                  |               |
|              | 4-15/16" | 119933 | 36.13 |                |                  |               |
|              | 5"       | 119934 | 35.66 |                |                  |               |
|              | 5-1/8"   | 119899 | 35.00 | 1-1/4 x 1/4    | 1-1/4 x 5/8      | 1-1/4 x 7/8 * |
|              | 5-3/16"  | 119894 | 35.00 |                |                  |               |
|              | 5-1/4"   | 119935 | 30.00 |                |                  |               |
|              | 5-7/16"  | 119936 | 30.00 |                |                  |               |
|              | 5-1/2"   | 119937 | 29.00 |                |                  |               |

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\* Key furnished for these sizes ONLY

| QD Bush Size | Bore                                                        | P/N    | WT.         | Bushing Keyway | Shaft Keyway REF | Key Size REF  |
|--------------|-------------------------------------------------------------|--------|-------------|----------------|------------------|---------------|
| N            | 2-7/16"                                                     | 119940 | 87.57       | 5/8 x 5/16     | 5/8 x 5/16       | 5/8 x 5/8     |
|              | 2-15/16"                                                    | 119941 | 83.00       | 3/4 x 3/8      | 3/4 x 3/8        | 3/4 x 3/4     |
|              | 3-7/16"                                                     | 119942 | 80.00       | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8     |
|              | 3-1/2"                                                      | 119980 | 80.00       |                |                  |               |
|              | 3-3/4"                                                      | 119943 | 80.00       |                |                  |               |
|              | 3-7/8"                                                      | 119944 | 80.00       |                |                  |               |
|              | 3-15/16"                                                    | 119945 | 80.00       |                |                  |               |
|              | 4"                                                          | 119946 | 80.00       | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 4-3/16"                                                     | 119947 | 80.00       |                |                  |               |
|              | 4-1/4"                                                      | 119948 | 80.00       |                |                  |               |
|              | 4-3/8"                                                      | 119982 | 79.00       |                |                  |               |
|              | 4-7/16"                                                     | 119949 | 78.00       |                |                  |               |
|              | 4-1/2"                                                      | 119950 | 77.00       | 1-1/4 x 5/8    | 1-1/4 x 5/8      | 1-1/4 x 1-1/4 |
|              | 4-11/16"                                                    | 119983 | 76.00       |                |                  |               |
|              | 4-3/4"                                                      | 119951 | 75.00       |                |                  |               |
|              | 4-7/8"                                                      | 119952 | 74.00       |                |                  |               |
|              | 4-15/16"                                                    | 119953 | 73.00       |                |                  |               |
|              | 5"                                                          | 119954 | 72.00       | 1-1/4 x 1/4    | 1-1/4 x 5/8      | 1-1/4 x 7/8 * |
|              | 5-1/8"                                                      | 119955 | 71.00       |                |                  |               |
|              | 5-3/16"                                                     | 119986 | 70.50       |                |                  |               |
|              | 5-1/4"                                                      | 119956 | 70.00       |                |                  |               |
|              | 5-7/16"                                                     | 119957 | 52.19       |                |                  |               |
|              | 5-1/2"                                                      | 119958 | 49.02       | 1-1/2 x 1/8    | 1-1/2 x 3/4      | 1-1/2 x 7/8 * |
|              | 5-3/4"                                                      | 119959 | 49.00       |                |                  |               |
|              | 5-7/8"                                                      | 119960 | 44.00       |                |                  |               |
|              | 5-15/16"                                                    | 119961 | 43.00       |                |                  |               |
| 6"           | 119962                                                      | 42.00  |             |                |                  |               |
| P            | 3-7/16"                                                     | 119965 | 134.00      | 7/8 x 7/16     | 7/8 x 7/16       | 7/8 x 7/8     |
|              | 3-15/16"                                                    | 119966 | 122.00      | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 4"                                                          | 119987 | 122.00      |                |                  |               |
|              | 4-7/16"                                                     | 119967 | 122.40      |                |                  |               |
|              | 4-1/2"                                                      | 119968 | 121.00      |                |                  |               |
|              | 4-3/4"                                                      | 119969 | 120.00      |                |                  |               |
|              | 4-7/8"                                                      | 119985 | 120.00      | 1-1/4 x 5/8    | 1-1/4 x 5/8      | 1-1/4 x 1-1/4 |
|              | 4-15/16"                                                    | 119970 | 119.00      |                |                  |               |
|              | 5"                                                          | 119971 | 115.00      |                |                  |               |
|              | 5-3/16"                                                     | 119984 | 114.00      |                |                  |               |
|              | 5-7/16"                                                     | 119972 | 113.00      |                |                  |               |
|              | 5-1/2"                                                      | 119973 | 100.00      | 1-1/2 x 1/4    | 1-1/2 x 3/4      | 1-1/2 x 1 *   |
|              | 5-15/16"                                                    | 119974 | 94.00       |                |                  |               |
|              | 6"                                                          | 119975 | 93.70       |                |                  |               |
|              | 6-7/16"                                                     | 119976 | 83.50       |                |                  |               |
|              | 6-1/2"                                                      | 119977 | 80.50       |                |                  |               |
| 7"           | 119978                                                      | 68.00  | 1-3/4 x 1/8 | 1-3/4 x 3/4    | 1-3/4 x 7/8 *    |               |
| W            | 4-1/4"                                                      | 120180 | 260.00      | 1 x 1/2        | 1 x 1/2          | 1 x 1         |
|              | 4-7/16"                                                     | 120181 | 256.60      |                |                  |               |
|              | 4-1/2"                                                      | 120182 | 255.40      |                |                  |               |
|              | 4-3/4"                                                      | 120183 | 250.00      |                |                  |               |
|              | 5"                                                          | 120186 | 244.30      |                |                  |               |
|              | 5-3/8"                                                      | 120188 | 235.30      | 1-1/4 x 5/8    | 1-1/4 x 5/8      | 1-1/4 x 1-1/4 |
|              | 5-1/2"                                                      | 120189 | 232.20      |                |                  |               |
|              | 5-3/4"                                                      | 120190 | 225.70      |                |                  |               |
|              | 5-7/8"                                                      | 120191 | 222.30      |                |                  |               |
|              | 5-15/16"                                                    | 120192 | 220.00      |                |                  |               |
|              | 6"                                                          | 120193 | 218.90      | 1-1/2 x 3/4    | 1-1/2 x 3/4      | 1-1/2 x 1-1/2 |
|              | 6-1/2"                                                      | 120194 | 215.00      |                |                  |               |
|              | 6-3/4"                                                      | 120328 | 210.00      |                |                  |               |
|              | 7"                                                          | 120196 | 184.90      |                |                  |               |
|              | 7-1/4"                                                      | 120197 | 184.40      |                |                  |               |
|              | 7-1/2"                                                      | 120198 | 175.80      | 2 x 1/4        | 2 x 3/4          | 2 x 1 *       |
| 7-3/4"       | 120199                                                      | 172.00 |             |                |                  |               |
| 8"           | 120200                                                      | 159.70 |             |                |                  |               |
| S            | ▼ Bushings size available please call Dodge for information |        |             |                |                  |               |

# 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"           | 119875 |
| 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 rebore 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"    | 8"          | 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

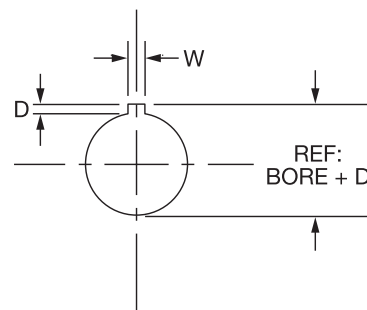
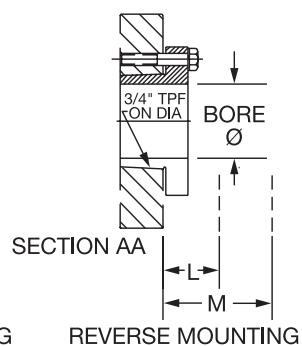
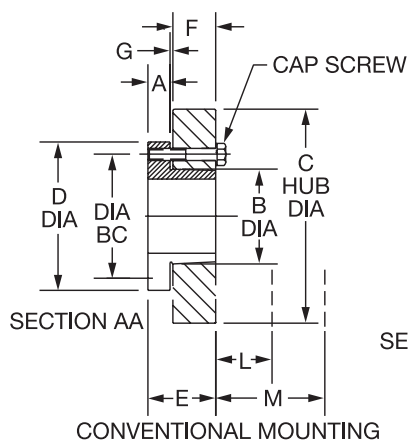
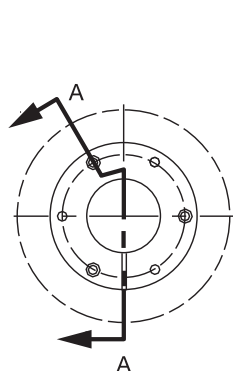
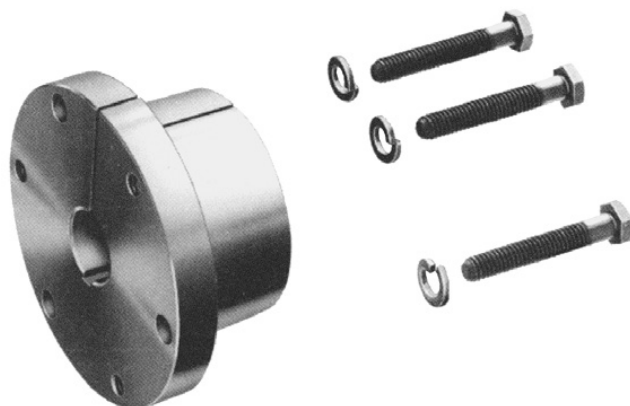
\* Verify torque capacity: Contact Application Engineering for assistance

# Specification

## QD Bushing - Metric Bore/Metric Hardware

### Features

- Dodge QD-style bushings stocked in popular finish bore sizes and minimum plain bore, for custom re boring
- Dodge Metric QD bushings supplied with metric hex-head cap screws and lock washers
- Stock reborable bushings available for custom re boring
- Re boring and sawsplit available from Dodge for nominal extra charge  
NOTE: Re bore by others must be sawsplit after re bore
- 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 and Specifications

| Bush Sym | Ductile Iron |          |            | Dimensions (MM) |        |           |        |        |        |        |       |
|----------|--------------|----------|------------|-----------------|--------|-----------|--------|--------|--------|--------|-------|
|          | Part No.     | Max Bore | Stock Bore | A               | B      | C Hub Dia |        | D      | E      | F      | G     |
|          |              |          |            | MM              | MM     | Iron      | Steel  | MM     | MM     | MM     | MM    |
| H        | 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) |
| H       | 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 |      |
|---------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|------|
|         | H           | 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

Reference Guide

Synchronous Products

V-Belt Products

Roller Chain Sprockets

Bushing Products

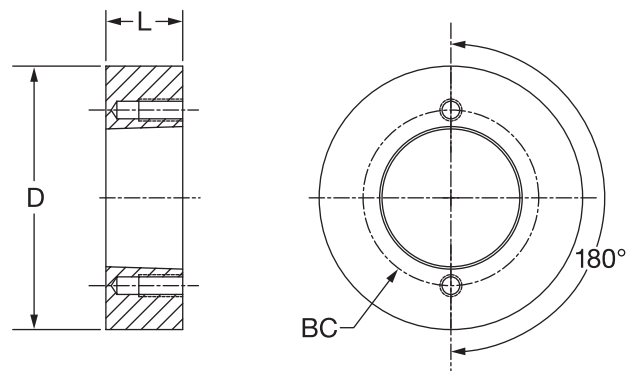
Accessories Products

# Specification

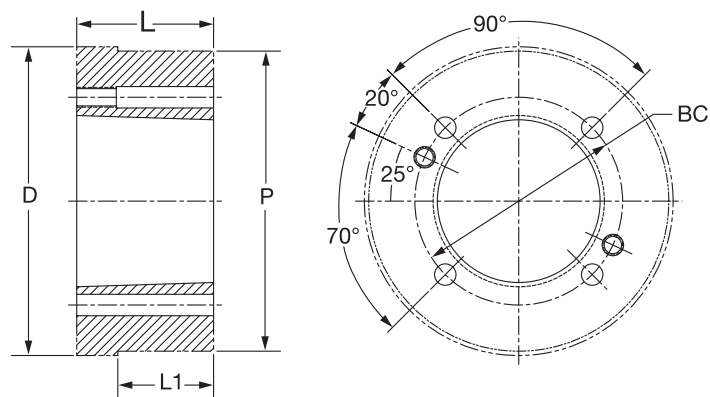
## QD Hubs



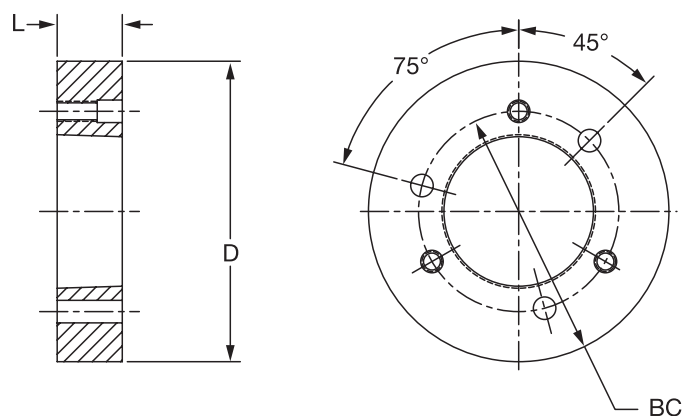
Dodge QD Weld-On hubs are useful for welding into fan rotors, pulleys, plate sprockets, impellers, agitators, etc. which require secure mounting to the shaft. These hubs are made of low carbon steel for good welding compatibility. The data tabulation shows the standard QD bushings that are used with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



TYPE 1



TYPE 3



TYPE 2

| Hub No. | Part No. | For Bush | Bore Range       | Wt. Lbs. | Type | Dimensions |      |       |       |      |                     |
|---------|----------|----------|------------------|----------|------|------------|------|-------|-------|------|---------------------|
|         |          |          |                  |          |      | D*         | L    | BC    | P     | L1   | Thread Size         |
| H-A     | 228465   | H        | 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

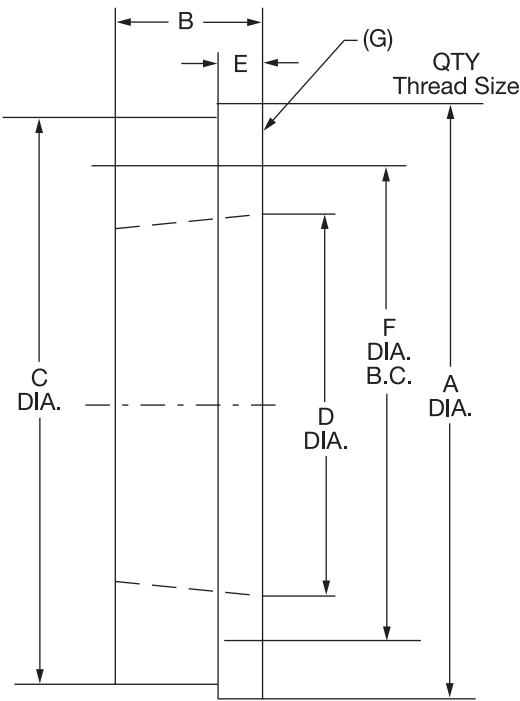
\* Tolerance:

H-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

## Split Taper Bushings

Reference Guide

Synchronous Products

V-Belt Products

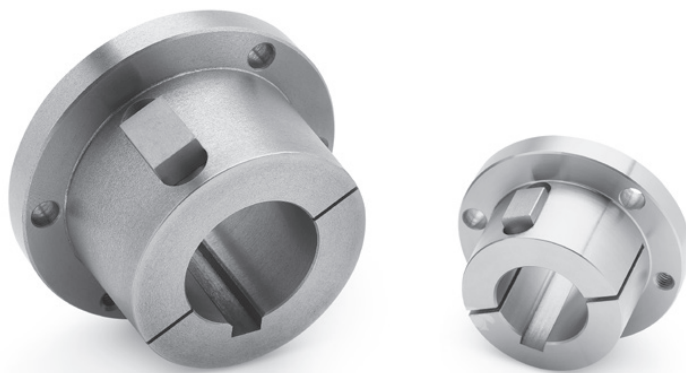
Roller Chain Sprockets

Bushing Products

Accessories Products

### Features

- Keyed to both shaft and hub. External key provides positive drive with no torque on the cap screws.
- Double split barrel improves true concentricity - grips the shaft with positive clamp fit.
- Manufactured precisely to industry standards.
- The taper on all split taper bushings is 3/4" per foot on diameter.
- Split taper bushing is the preferred bushing style in the HVAC industry.



### How to order

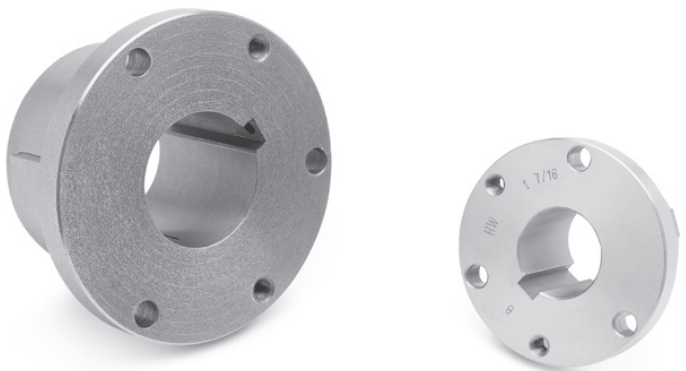
Example: **P1X1-7/16**

**P1 X 1-7/16**

**P1:** Bushing size

**1-1/16:** Bore size (1-1/16")

Inch bore sizes are designated with the whole inch followed by the fraction. For example, a 1.5" diameter bore would be 1-1/2".

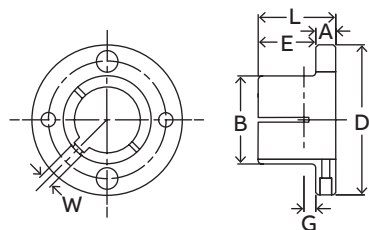


# Features/Benefits

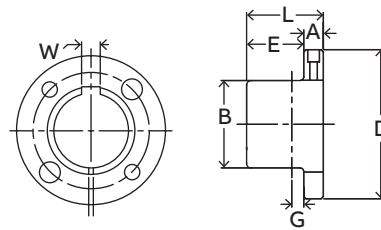
## Split Taper Bushings



Type 1



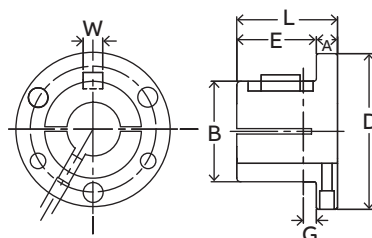
G & H type 1



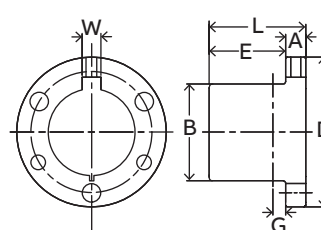
G & H type 2



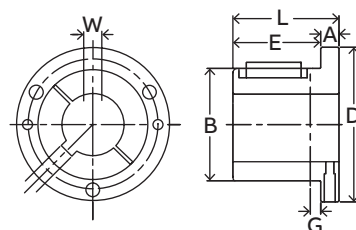
Type 2



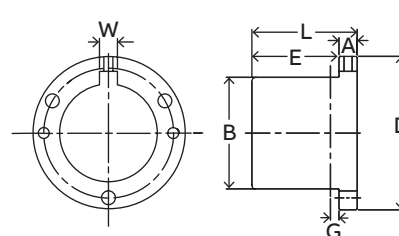
P, B, Q, & R type 1



P, B, Q, & R type 2



S type 1



S type 2

Note: Setscrew in G and R bushings only. No setscrew in H, P, B, and Q bushings.

| Size | Dimensions |       |         |              |              |       |        |     |      | Max bore range   |                 | Cap screws |                     | Av. wt.<br>lbs. | Wrench<br>torque<br>in.-lbs. |
|------|------------|-------|---------|--------------|--------------|-------|--------|-----|------|------------------|-----------------|------------|---------------------|-----------------|------------------------------|
|      | L          | A     | E       | B            |              | D     | M      | W   | G    | Type 1           | Type 2          | No.        | Size                |                 |                              |
|      |            |       |         | Large<br>end | Small<br>end |       |        |     |      |                  |                 |            |                     |                 |                              |
| G    | 1          | 1/4   | 3/4     | 1.172        | 1.133        | 2     | 1-9/16 | –   | 3/16 | 3/8 - 15/16      | 1               | 2          | 1/4-20 UNC X 5/8    | .5              | 95                           |
| H    | 1-9/32     | 9/32  | 1       | 1.625        | 1.570        | 2-1/2 | 2      | –   | 1/8  | 3/8 - 1-3/8      | 1-7/16 - 1-1/2  | 2          | 1/4-20 UNC X 7/8    | .8              | 95                           |
| P1   | 1-15/16    | 13/32 | 1-17/32 | 1.9375       | 1.8555       | 3     | 2-7/16 | 3/8 | 7/32 | 1/2 - 1-7/16     | 1-1/2 - 1-3/4   | 3          | 5/16-18 UNC X 1     | 1.3             | 192                          |
| P2   | 2-15/16    | 13/32 | 2-17/32 | 1.9375       | 1.7930       | 3     | 2-7/16 | 3/8 | 7/32 | 3/4 - 1-7/16     | 1-1/2 - 1-3/4   | 3          | 5/16-18 UNC X 1     | 1.5             | 192                          |
| B    | 1-15/16    | 1/2   | 1-7/16  | 2.625        | 2.5567       | –     | 3-1/8  | 1/2 | 7/32 | 1/2 - 1-15/16    | 2 - 2-7/16      | 3          | 5/16-18 UNC X 1-1/4 | 1.8             | 192                          |
| Q1   | 2-1/2      | 17/32 | 1-31/32 | 2.875        | 2.7657       | 4-1/8 | 3-3/8  | 1/2 | 7/32 | 5/8 - 2-1/16     | 2-1/8 - 2-11/16 | 3          | 3/8-16 UNC X 1-1/4  | 3.5             | 348                          |
| Q2   | 3-1/2      | 17/32 | 2-31/32 | 2.875        | 2.7032       | 4-1/8 | 3-3/8  | 1/2 | 7/32 | 1 - 2-1/16       | 2-1/8 - 2-5/8   | 3          | 3/8-16 UNC X 1-1/4  | 4.5             | 348                          |
| R1   | 2-7/8      | 5/8   | 2-1/4   | 4.000        | 3.8750       | 5-3/8 | 4-5/8  | 3/4 | 1/4  | 1-1/8 - 2-13/16  | 2-7/8 - 3-3/4   | 3          | 3/8-16 UNC X 1-3/4  | 7.5             | 348                          |
| R2   | 4-7/8      | 5/8   | 4-1/4   | 4.000        | 3.7500       | 5-3/8 | 4-5/8  | 3/4 | 1/4  | 1-3/8 - 2-13/16  | 2-7/8 - 3-5/8   | 3          | 3/8-16 UNC X 1-3/4  | 11              | 348                          |
| S1   | 4-3/8      | 3/4   | 3-5/8   | 4.625        | 4.4180       | 6-3/8 | 5-3/8  | 3/4 | 5/16 | 1-11/16 - 3-3/16 | 3-1/4 - 4-1/4   | 3          | 1/2-13 UNC X 2-1/4  | 13.5            | 840                          |

\* Please contact Dodge for lead time and availability.

# Specification

## Split Taper Bushings

Reference Guide

Synchronous Products

V-Belt Products

Roller Chain Sprockets

Bushing Products

Accessories Products

| BK <sup>2</sup> bushings standard stock bores (inches) |             |                    |             |        |
|--------------------------------------------------------|-------------|--------------------|-------------|--------|
| G                                                      | Part number | Description        | Keyseat     | Weight |
|                                                        | 471500      | G x 3/8-KW         | None        | 0.4    |
|                                                        | 471501      | G x 7/16-KW        | None        | 0.4    |
|                                                        | 471502      | G x 1/2 -KW        | 1/8 X 7/16  | 0.4    |
|                                                        | 471503      | G x 9/16-KW        | 1/8 X 7/16  | 0.4    |
|                                                        | 471504      | G x 5/8-KW         | 3/16 X 3/32 | 0.3    |
|                                                        | 471505      | G x 11/16-KW       | 3/16 X 3/32 | 0.3    |
|                                                        | 471506      | G x 3/4-KW         | 3/16 X 3/32 | 0.3    |
|                                                        | 471507      | G x 13/16-KW       | 3/16 X 3/32 | 0.3    |
|                                                        | 471508      | G x 7/8-KW         | 3/16 X 3/32 | 0.3    |
|                                                        | 471509      | G x 15/16-KW       | 1/4 X 1/8   | 0.2    |
|                                                        | 471510      | G x 1-KW           | 1/4 X 1/8   | 0.2    |
|                                                        | 471511      | G x 10MM-KW        | 4 X 1.8MM   | 0.3    |
|                                                        | 471512      | G x 11MM-KW        | 4 X 1.8MM   | 0.3    |
|                                                        | 471513      | G x 12MM-KW        | 4 X 1.8MM   | 0.3    |
|                                                        | 471514      | G x 14MM-KW        | 5 x 2.3mm   | 0.3    |
|                                                        | 471515      | G x 16MM-KW        | 5 x 2.3mm   | 0.3    |
|                                                        | 471516      | G x 18MM-KW        | 6 x 2.8mm   | 0.3    |
|                                                        | 471517      | G x 19MM-KW        | 6 x 2.8mm   | 0.3    |
|                                                        | 471518      | G x 20MM-KW        | 6 x 2.8mm   | 0.3    |
|                                                        | 471519      | G x 22MM-KW        | 6 x 2.8mm   | 0.3    |
| H-plus with integral key                               | 471520      | G x 24MM-KW        | 8 x 3.3mm   | 0.3    |
|                                                        | 471521      | G x 25MM-KW        | 8 x 3.3mm   | 0.3    |
|                                                        | 121161      | H-PLUS X 5/8-IK    | 3/16 x 3/32 | 0.8    |
|                                                        | 121162      | H-PLUS X 3/4-IK    | 3/16 X 3/32 | 0.7    |
|                                                        | 121163      | H-PLUS X 7/8-IK    | 3/16 X 3/32 | 0.7    |
|                                                        | 121164      | H-PLUS X 1-IK      | 1/4 x 1/8   | 0.6    |
|                                                        | 121186      | H-PLUS X 1-1/8-IK  | 1/4 X 1/8   | 0.6    |
|                                                        | 121187      | H-PLUS X 1-3/16-IK | 1/4 X 1/8   | 0.5    |
|                                                        | 121202      | H-PLUS X 1-1/4-IK  | 1/4 X 1/8   | 0.5    |
|                                                        | 121169      | H-PLUS X 24MM-IK   | 8 x 3.3mm   | 0.6    |
| H                                                      | 121170      | H-PLUS X 25MM-IK   | 8 x 3.3mm   | 0.6    |
|                                                        | 121129      | H X 3/8-NK         | None        | 0.8    |
|                                                        | 121130      | H X 7/16-NK        | None        | 0.8    |
|                                                        | 121131      | H X 1/2-KW         | 1/8 x 1/16  | 0.8    |
|                                                        | 121133      | H X 9/16-KW        | 1/8 x 1/16  | 0.8    |
|                                                        | 122050      | H X 5/8-KW         | 3/16 x 3/32 | 0.8    |
|                                                        | 121134      | H X 11/16-KW       | 3/16 x 3/32 | 0.8    |
|                                                        | 122051      | H X 3/4-KW         | 3/16 x 3/32 | 0.7    |
|                                                        | 121136      | H X 13/16-KW       | 3/16 x 3/32 | 0.7    |
|                                                        | 122052      | H X 7/8-KW         | 3/16 x 3/32 | 0.7    |
|                                                        | 121138      | H X 15/16-KW       | 1/4 x 1/8   | 0.7    |
|                                                        | 122053      | H X 1-KW           | 1/4 x 1/8   | 0.6    |
|                                                        | 121140      | H X 1-1/16-KW      | 1/4 x 1/8   | 0.6    |
|                                                        | 122054      | H X 1-1/8-KW       | 1/4 x 1/8   | 0.6    |
|                                                        | 122055      | H X 1-3/16-KW      | 1/4 x 1/8   | 0.5    |
|                                                        | 122056      | H X 1-1/4-KW       | 1/4 x 1/8   | 0.5    |
|                                                        | 121144      | H X 1-5/16-KW      | 5/16 x 1/16 | 0.4    |
|                                                        | 121145      | H X 1-3/8-KW       | 5/16 x 1/16 | 0.4    |
|                                                        | 121146      | H X 1-7/16-KW      | 3/8 x 1/16  | 0.4    |
|                                                        | 121147      | H X 1-1/2-KW       | 3/8 x 1/16  | 0.3    |
|                                                        | 121148      | H X 14MM-KW        | 5 x 2.3mm   | 0.8    |
|                                                        | 121165      | H X 15MM-KW        | 5 x 2.3mm   | 0.8    |
|                                                        | 121166      | H X 16MM-KW        | 5 x 2.3mm   | 0.8    |
|                                                        | 121167      | H X 18MM-KW        | 6 x 2.8mm   | 0.7    |
|                                                        | 121149      | H X 19MM-KW        | 6 x 2.8mm   | 0.7    |
|                                                        | 121469      | H X 20MM-KW        | 6 x 2.8mm   | 0.7    |
|                                                        | 121168      | H X 22MM-KW        | 6 x 2.8mm   | 0.7    |
|                                                        | 121150      | H X 24MM-KW        | 8 X 3.3mm   | 0.6    |
|                                                        | 121151      | H X 25MM-KW        | 8 X 3.3mm   | 0.6    |
|                                                        | 121152      | H X 28MM-KW        | 8 X 3.3mm   | 0.6    |
|                                                        | 121153      | H X 30MM-KW        | 8 X 3.3mm   | 0.5    |
|                                                        | 121154      | H X 32MM-KW        | 10 x 3.3mm  | 0.5    |
|                                                        | 121173      | H X 35MM-KW        | 10 x 3.3mm  | 0.4    |
|                                                        | 121174      | H X 38MM-KW        | 10 x 1.3mm  | 0.3    |

\* Please contact Dodge for lead time and availability.

| 1P | Part number | Description          | Keyseat     | Weight |
|----|-------------|----------------------|-------------|--------|
|    | 471522      | P1 x 1/2-KW          | 1/8 X 1/16  | 2.5    |
|    | 471523      | P1 x 9/16-KW         | 1/8 X 1/16  | 1.8    |
|    | 471524      | P1 x 5/8-KW          | 3/16 X 3/32 | 2.4    |
|    | 471525      | P1 x 21/32-KW        | 3/16 X 3/32 | 1.7    |
|    | 471526      | P1 x 11/16-KW        | 3/16 X 3/32 | 1.7    |
|    | 471527      | P1 x 3/4-KW          | 3/16 X 3/32 | 2.3    |
|    | 471528      | P1 x 25/32-KW        | 3/16 X 3/32 | 1.6    |
|    | 471529      | P1 x 13/16-KW        | 3/16 X 3/32 | 1.6    |
|    | 471530      | P1 x 7/8-KW          | 3/16 X 3/32 | 2.2    |
|    | 471531      | P1 x 15/16-KW        | 1/4 X 1/8   | 2.1    |
|    | 471532      | P1 x 31/32-KW        | 1/4 X 1/8   | 1.5    |
|    | 471533      | P1 x 1-KW            | 1/4 X 1/8   | 2.1    |
|    | 471534      | P1 x 1-1/16-KW       | 1/4 X 1/8   | 1.4    |
|    | 471535      | P1 x 1-1/8-KW        | 1/4 X 1/8   | 2      |
|    | 471536      | P1 x 1-3/16-KW       | 1/4 X 1/8   | 1.9    |
|    | 471537      | P1 x 1-1/4-KW        | 1/4 X 1/8   | 2      |
|    | 471538      | P1 x 1-5/16-KW       | 5/16 X 5/32 | 1.2    |
|    | 471539      | P1 x 1-3/8-KW        | 5/16 X 5/32 | 1.8    |
|    | 471540      | P1 x 1-3/8 KW 3/8-KW | 3/8 X 3/16  | 1.1    |
|    | 471541      | P1 x 1-7/16-KW       | 3/8 X 3/16  | 1.7    |
|    | 471542      | P1 x 1-1/2-KW        | 3/8 X 3/16  | 0.9    |
| 2P | 471543      | P1 x 1-9/16-KW       | 3/8 X 3/16  | 0.9    |
|    | 471544      | P1 x 1-5/8-KW        | 3/8 X 3/16  | 0.8    |
|    | 471545      | P1 x 1-11/16-KW      | 3/8 X 3/16  | 0.8    |
|    | 471546      | P1 x 1-3/4-KW        | 3/8 X 3/16  | 0.7    |
|    | 471547      | P1 x 14MM-KW         | 5 x 2.3mm   | 2.1    |
|    | 471548      | P1 x 15MM-KW         | 5 x 2.3mm   | 2.1    |
|    | 471549      | P1 x 16MM-KW         | 5 x 2.3mm   | 2.1    |
|    | 471550      | P1 x 18MM-KW         | 6 x 2.8mm   | 2.1    |
|    | 471551      | P1 x 19MM-KW         | 6 x 2.8mm   | 2.1    |
|    | 471552      | P1 x 20MM-KW         | 6 x 2.8mm   | 2.1    |
|    | 471553      | P1 x 22MM-KW         | 6 x 2.8mm   | 2.1    |
|    | 471554      | P1 x 24MM-KW         | 8 x 3.3mm   | 2.2    |
|    | 471555      | P1 x 25MM-KW         | 8 x 3.3mm   | 2.1    |
|    | 471556      | P1 x 28MM-KW         | 8 x 3.3mm   | 1.4    |
|    | 471557      | P1 x 30MM-KW         | 8 x 3.3mm   | 1.4    |
|    | 471558      | P1 x 32MM-KW         | 10 x 3.3mm  | 1.4    |
|    | 471559      | P1 x 35MM-KW         | 10 x 3.3mm  | 1.4    |
|    | 471560      | P1 x 36MM-KW         | 10 x 3.3mm  | 1      |
|    | 471561      | P1 x 38MM-KW         | 10 x 3.3mm  | 1      |
|    | 471562      | P1 x 39MM-KW         | 12 x 3.3mm  | 1      |
|    | 471563      | P1 x 40MM-KW         | 12 x 3.3mm  | 1      |
|    | 471564      | P1 x 42MM-KW         | 12 x 3.3mm  | 0.9    |
|    | 471565      | P2 x 1/2-KW          | 1/8 X 1/16  | 2.8    |
|    | 471566      | P2 x 5/8-KW          | 3/16 X 3/32 | 2.7    |
|    | 471567      | P2 x 3/4-KW          | 3/16 X 3/32 | 2.6    |
|    | 471568      | P2 x 13/16-KW        | 3/16 X 3/32 | 2.2    |
|    | 471569      | P2 x 7/8-KW          | 3/16 X 3/32 | 2.5    |
|    | 471570      | P2 x 15/16-KW        | 1/4 X 1/8   | 2      |
|    | 471571      | P2 x 1-KW            | 1/4 X 1/8   | 2.4    |
|    | 471572      | P2 x 1-1/16-KW       | 1/4 X 1/8   | 1.9    |
|    | 471573      | P2 x 1-1/8-KW        | 1/4 X 1/8   | 2.3    |
|    | 471574      | P2 x 1-3/16-KW       | 1/4 X 1/8   | 1.7    |
|    | 471575      | P2 x 1-1/4-KW        | 1/4 X 1/8   | 2.2    |
|    | 471576      | P2 x 1-5/16-KW       | 5/16 X 5/32 | 1.5    |
|    | 471577      | P2 x 1-3/8-KW        | 5/16 X 5/32 | 2.1    |
|    | 471578      | P2 x 1-3/8KW3/8-KW   | 3/8 X 3/16  | 1.4    |
|    | 471579      | P2 x 1-7/16-KW       | 3/8 X 3/16  | 1.8    |
|    | 471580      | P2 x 1-1/2-KW        | 3/8 X 3/16  | 1.6    |
|    | 471581      | P2 x 1-9/16-KW       | 3/8 X 3/16  | 1.1    |
|    | 471582      | P2 x 1-5/8-KW        | 3/8 X 3/16  | 1.5    |
|    | 471583      | P2 x 1-11/16-KW      | 3/8 X 3/16  | 0.8    |
|    | 471584      | P2 x 1-3/4-KW        | 3/8 X 3/16  | 1.4    |

Specification

Split Taper Bushings

| BK <sup>2</sup> bushings standard stock bores (inches) |             |                     |             |        |
|--------------------------------------------------------|-------------|---------------------|-------------|--------|
|                                                        | Part number | Description         | Keyseat     | Weight |
| B                                                      | 471585      | B x 1/2-KW          | 1/8 X 7/16  | 3.7    |
|                                                        | 471586      | B x 9/16-KW         | 1/8 X 7/16  | 3.2    |
|                                                        | 471587      | B x 5/8-KW          | 3/16 X 3/32 | 3.6    |
|                                                        | 471588      | B x 11/16-KW        | 3/16 X 3/32 | 3.2    |
|                                                        | 471589      | B x 3/4-KW          | 3/16 X 3/32 | 3.5    |
|                                                        | 471590      | B x 13/16-KW        | 3/16 X 3/32 | 3.1    |
|                                                        | 471591      | B x 7/8-KW          | 3/16 X 3/32 | 3.5    |
|                                                        | 471592      | B x 15/16-KW        | 1/4 X 1/8   | 3      |
|                                                        | 471593      | B x 1-KW            | 1/4 X 1/8   | 3.4    |
|                                                        | 471594      | B x 1-1/16-KW       | 1/4 X 1/8   | 2.9    |
|                                                        | 471595      | B x 1-1/8-KW        | 1/4 X 1/8   | 3.3    |
|                                                        | 471596      | B x 1-3/16-KW       | 1/4 X 1/8   | 2.8    |
|                                                        | 471597      | B x 1-1/4-KW        | 1/4 X 1/8   | 3.2    |
|                                                        | 471598      | B x 1-5/16-KW       | 5/16 X 5/32 | 2.7    |
|                                                        | 471599      | B x 1-3/8-KW        | 3/8 X 3/16  | 2.6    |
|                                                        | 471600      | B x 1-3/8 KW 3/8-KW | 3/8 X 3/16  | 2.6    |
|                                                        | 471601      | B x 1-7/16-KW       | 3/8 X 3/16  | 2.5    |
|                                                        | 471602      | B x 1-1/2-KW        | 3/8 X 3/16  | 2.9    |
|                                                        | 471603      | B x 1-9/16-KW       | 3/8 X 3/16  | 2.4    |
|                                                        | 471604      | B x 1-5/8-KW        | 3/8 X 3/16  | 2.3    |
|                                                        | 471605      | B x 1-11/16-KW      | 3/8 X 3/16  | 2.2    |
|                                                        | 471606      | B x 1-3/4-KW        | 3/8 X 3/16  | 2.6    |
|                                                        | 471607      | B x 1-13/16-KW      | 1/2 X 1/4   | 2.1    |
|                                                        | 471608      | B x 1-7/8-KW        | 1/2 X 1/4   | 2.2    |
|                                                        | 471609      | B x 1-15/16-KW      | 1/2 X 1/4   | 1.9    |
|                                                        | 471610      | B x 2-KW            | 1/2 X 1/4   | 2      |
|                                                        | 471611      | B x 2-1/16-KW       | 1/2 X 1/4   | 1.7    |
|                                                        | 471612      | B x 2-1/8-KW        | 1/2 X 1/4   | 1.9    |
|                                                        | 471613      | B x 2-3/16-KW       | 1/2 X 1/4   | 1.5    |
|                                                        | 471614      | B x 2-1/4-KW        | 1/2 X 1/4   | 1.7    |
|                                                        | 471615      | B x 2-5/16-KW       | 5/8 X 5/16  | 1.2    |
|                                                        | 471616      | B x 2-3/8-KW        | 5/8 X 5/16  | 1.6    |
|                                                        | 471617      | B x 2-7/16-KW       | 5/8 X 5/16  | 1.4    |
|                                                        | 471618      | B x 15MM-KW         | 5 x 2.3mm   | 3.7    |
|                                                        | 471619      | B x 16MM-KW         | 5 x 2.3mm   | 3.7    |
|                                                        | 471620      | B x 18MM-KW         | 6 x 2.8mm   | 3.7    |
|                                                        | 471621      | B x 19MM-KW         | 6 x 2.8mm   | 3.7    |
|                                                        | 471622      | B x 20MM-KW         | 6 x 2.8mm   | 3.7    |
|                                                        | 471623      | B x 22MM-KW         | 6 x 2.8mm   | 3.7    |
|                                                        | 471624      | B x 24MM-KW         | 8 x 3.3mm   | 3.7    |
|                                                        | 471625      | B x 25MM-KW         | 8 x 3.3mm   | 3.7    |
|                                                        | 471626      | B x 28MM-KW         | 8 x 3.3mm   | 3.3    |
|                                                        | 471627      | B x 30MM-KW         | 8 x 3.3mm   | 3.3    |
|                                                        | 471628      | B x 32MM-KW         | 10 x 3.3mm  | 3.3    |
|                                                        | 471629      | B x 35MM-KW         | 10 x 3.3mm  | 3.3    |
|                                                        | 471630      | B x 36MM-KW         | 10 x 3.3mm  | 3.3    |
|                                                        | 471631      | B x 38MM-KW         | 10 x 3.3mm  | 3.3    |
|                                                        | 471632      | B x 39MM-KW         | 12 x 3.3mm  | 3.3    |
|                                                        | 471633      | B x 40MM-KW         | 12 x 3.3mm  | 3.3    |
|                                                        | 471634      | B x 42MM-KW         | 12 x 3.3mm  | 3.3    |
|                                                        | 471635      | B x 45MM-KW         | 14 x 3.8mm  | 2.2    |
|                                                        | 471636      | B x 48MM-KW         | 14 x 3.8mm  | 2.2    |
|                                                        | 471637      | B x 50MM-KW         | 14 x 3.8mm  | 2.2    |
|                                                        | 471638      | B x 55MM-KW         | 16 x 4.3mm  | 2.2    |
|                                                        | 471639      | B x 60MM-KW         | 18 x 4.4mm  | 2.2    |
| Q1                                                     | 471640      | Q1 x 5/8-KW         | 3/16 X 3/32 | 4.8    |
|                                                        | 471641      | Q1 x 3/4-KW         | 3/16 X 3/32 | 4.8    |
|                                                        | 471642      | Q1 x 13/16-KW       | 3/16 X 3/32 | 4.7    |
|                                                        | 471643      | Q1 x 7/8-KW         | 3/16 X 3/32 | 4.7    |
|                                                        | 471644      | Q1 x 15/16-KW       | 1/4 X 1/8   | 4.6    |
|                                                        | 471645      | Q1 x 1-KW           | 1/4 X 1/8   | 4.6    |
|                                                        | 471646      | Q1 x 1-1/16-KW      | 1/4 X 1/8   | 4.5    |
|                                                        | 471647      | Q1 x 1-1/8-KW       | 1/4 X 1/8   | 4.4    |
|                                                        | 471648      | Q1 x 1-3/16-KW      | 1/4 X 1/8   | 4.3    |

|    | Part number | Description          | Keyseat     | Weight |
|----|-------------|----------------------|-------------|--------|
| Q1 | 471649      | Q1 x 1-1/4-KW        | 1/4 X 1/8   | 4.3    |
|    | 471650      | Q1 x 1-5/16-KW       | 5/16 X 5/32 | 4.2    |
|    | 471651      | Q1 x 1-3/8-KW        | 5/16 X 5/32 | 4.1    |
|    | 471652      | Q1 x 1-3/8 KW 3/8-KW | 3/8 X 3/16  | 4.1    |
|    | 471653      | Q1 x 1-7/16-KW       | 3/8 X 3/16  | 4      |
|    | 471654      | Q1 x 1-1/2-KW        | 3/8 X 3/16  | 3.9    |
|    | 471655      | Q1 x 1-9/16-KW       | 3/8 X 3/16  | 3.8    |
|    | 471656      | Q1 X 1-5/8-KW        | 3/8 X 3/16  | 3.7    |
|    | 471657      | Q1 x 1-11/16-KW      | 3/8 X 3/16  | 3.6    |
|    | 471658      | Q1 x 1-3/4-KW        | 3/8 X 3/16  | 3.5    |
|    | 471659      | Q1 x 1-13/16-KW      | 1/2 X 1/4   | 3.4    |
|    | 471660      | Q1 x 1-7/8-KW        | 1/2 X 1/4   | 3.3    |
|    | 471661      | Q1 x 1-15/16-KW      | 1/2 X 1/4   | 3.2    |
|    | 471662      | Q1 x 2-KW            | 1/2 X 1/4   | 3      |
|    | 471663      | Q1 x 2-1/16-KW       | 1/2 X 1/4   | 2.9    |
|    | 471664      | Q1 x 2-1/8-KW        | 1/2 X 1/4   | 2.8    |
|    | 471665      | Q1 x 2-3/16-KW       | 1/2 X 1/4   | 2.6    |
|    | 471666      | Q1 x 2-1/4-KW        | 1/2 X 1/4   | 2.5    |
|    | 471667      | Q1 x 2-5/16-KW       | 5/8 X 5/16  | 2.3    |
|    | 471668      | Q1 x 2-3/8-KW        | 5/8 X 5/16  | 2.2    |
|    | 471669      | Q1 x 2-7/16-KW       | 5/8 X 5/16  | 2      |
|    | 471670      | Q1 x 2-1/2-KW        | 5/8 X 5/16  | 1.9    |
|    | 471671      | Q1 x 2-9/16-KW       | 5/8 X 5/16  | 1.7    |
|    | 471672      | Q1 x 2-5/8-KW        | 5/8 X 5/16  | 1.6    |
|    | 471673      | Q1 x 2-11/16-KW      | 5/8 X 5/16  | 1.5    |
|    | 471674      | Q1 x 19MM-KW         | 6 x 2.8mm   | 4.7    |
|    | 471675      | Q1 x 20MM-KW         | 6 x 2.8mm   | 4.7    |
|    | 471676      | Q1 x 22MM-KW         | 6 x 2.8mm   | 4.7    |
|    | 471677      | Q1 x 24MM-KW         | 8 x 3.3mm   | 4.7    |
|    | 471678      | Q1 x 25MM-KW         | 8 x 3.3mm   | 4.7    |
|    | 471679      | Q1 x 28MM-KW         | 8 x 3.3mm   | 3.8    |
|    | 471680      | Q1 x 30MM-KW         | 8 x 3.3mm   | 3.8    |
|    | 471681      | Q1 x 32MM-KW         | 10 x 3.3mm  | 3.8    |
|    | 471682      | Q1 x 35MM-KW         | 10 x 3.3mm  | 3.8    |
|    | 471683      | Q1 x 36MM-KW         | 10 x 3.3mm  | 3.8    |
|    | 471684      | Q1 x 38MM-KW         | 10 x 3.3mm  | 3.8    |
|    | 471685      | Q1 x 39MM-KW         | 12 x 3.3mm  | 3.8    |
|    | 471686      | Q1 x 40MM-KW         | 12 x 3.3mm  | 3.8    |
|    | 471687      | Q1 x 42MM-KW         | 12 x 3.3mm  | 3.2    |
|    | 471688      | Q1 x 45MM-KW         | 14 x 3.8mm  | 3.2    |
|    | 471689      | Q1 x 48MM-KW         | 14 x 3.8mm  | 3.2    |
|    | 471690      | Q1 x 50MM-KW         | 14 x 3.8mm  | 3.1    |
|    | 471691      | Q1 x 55MM-KW         | 16 x 4.3mm  | 2.2    |
|    | 471692      | Q1 x 60MM-KW         | 18 x 4.4mm  | 2.2    |
|    | 471693      | Q1 x 65MM-KW         | 18 x 4.4mm  | 1.7    |
| Q2 | 471694      | Q2 x 1-KW            | 1/4 X 1/8   | 5.9    |
|    | 471695      | Q2 x 1-1/16-KW       | 1/4 X 1/8   | 5.8    |
|    | 471696      | Q2 x 1-1/8-KW        | 1/4 X 1/8   | 5.7    |
|    | 471697      | Q2 x 1-3/16-KW       | 1/4 X 1/8   | 5.6    |
|    | 471698      | Q2 x 1-1/4-KW        | 1/4 X 1/8   | 5.5    |
|    | 471699      | Q2 x 1-5/16-KW       | 5/16 X 5/32 | 5.4    |
|    | 471700      | Q2 x 1-3/8-KW        | 5/16 X 5/32 | 5.2    |
|    | 471700      | Q2 x 1-3/8-KW        | 3/8 X 3/16  | 5.2    |
|    | 471701      | Q2 x 1-3/8 KW 3/8-KW | 3/8 X 3/16  | 5.2    |
|    | 471702      | Q2 x 1-7/16-KW       | 3/8 X 3/16  | 5.1    |
|    | 471703      | Q2 x 1-1/2-KW        | 3/8 X 3/16  | 5      |
|    | 471704      | Q2 x 1-9/16-KW       | 3/8 X 3/16  | 4.9    |
|    | 471705      | Q2 x 1-5/8-KW        | 3/8 X 3/16  | 4.7    |
|    | 471706      | Q2 x 1-11/16-KW      | 3/8 X 3/16  | 4.6    |
|    | 471707      | Q2 x 1-3/4-KW        | 3/8 X 3/16  | 4.4    |
|    | 471708      | Q2 x 1-13/16-KW      | 1/2 X 1/4   | 4.3    |
|    | 471709      | Q2 x 1-7/8-KW        | 1/2 X 1/4   | 4.1    |
|    | 471710      | Q2 x 1-15/16-KW      | 1/2 X 1/4   | 3.9    |
|    | 471711      | Q2 x 2-KW            | 1/2 X 1/4   | 3.7    |
|    | 471712      | Q2 x 2-1/16-KW       | 1/2 X 1/4   | 3.6    |

- Reference Guide
- Synchronous Products
- V-Belt Products
- Roller Chain Sprockets
- Bushing Products
- Accessories Products



# Specification

## Split Taper Bushings

Reference Guide

Synchronous Products

V-Belt Products

Roller Chain Sprockets

Bushing Products

Accessories Products

| BK² bushings standard stock bores (inches) |                      |             |        |    |
|--------------------------------------------|----------------------|-------------|--------|----|
| Part number                                | Description          | Keyseat     | Weight |    |
| 471713                                     | Q2 x 2-1/8-KW        | 1/2 X 1/4   | 3.4    | 20 |
| 471714                                     | Q2 x 2-3/16-KW       | 1/2 X 1/4   | 3.2    |    |
| 471715                                     | Q2 x 2-1/4-KW        | 1/2 X 1/4   | 3      |    |
| 471716                                     | Q2 x 2-5/16-KW       | 5/8 X 5/16  | 2.8    |    |
| 471717                                     | Q2 x 2-3/8-KW        | 5/8 X 5/16  | 2.6    |    |
| 471718                                     | Q2 x 2-7/16-KW       | 5/8 X 5/16  | 2.3    |    |
| 471719                                     | Q2 x 2-1/2-KW        | 5/8 X 5/16  | 2.1    |    |
| 471720                                     | Q2 x 2-9/16-KW       | 5/8 X 5/16  | 1.9    |    |
| 471721                                     | Q2 x 2-5/8-KW        | 5/8 X 5/16  | 1.7    |    |
| 471722                                     | Q2 x 38MM-KW         | 10 x 3.3mm  | 5      |    |
| 471723                                     | R1 x 1-1/8-KW        | 1/4 X 1/8   | 10.1   | R1 |
| 471724                                     | R1 x 1-3/16-KW       | 1/4 X 1/8   | 10     |    |
| 471725                                     | R1 x 1-1/4-KW        | 1/4 X 1/8   | 9.9    |    |
| 471726                                     | R1 x 1-5/16-KW       | 5/16 X 5/32 | 9.8    |    |
| 471727                                     | R1 x 1-3/8-KW        | 5/16 X 5/32 | 9.7    |    |
| 471727                                     | R1 x 1-3/8-KW        | 3/8 X 3/16  | 9.7    |    |
| 471728                                     | R1 x 1-3/8 KW 3/8-KW | 3/8 X 3/16  | 9.7    |    |
| 471729                                     | R1 x 1-7/16-KW       | 3/8 X 3/16  | 9.6    |    |
| 471730                                     | R1 x 1-1/2-KW        | 3/8 X 3/16  | 9.5    |    |
| 471731                                     | R1 x 1-9/16-KW       | 3/8 X 3/16  | 9.4    |    |
| 471732                                     | R1 x 1-5/8-KW        | 3/8 X 3/16  | 9.3    |    |
| 471733                                     | R1 x 1-11/16-KW      | 3/8 X 3/16  | 9.2    |    |
| 471734                                     | R1 x 1-3/4-KW        | 3/8 X 3/16  | 9      |    |
| 471735                                     | R1 x 1-13/16-KW      | 1/2 X 1/4   | 8.9    |    |
| 471736                                     | R1 x 1-7/8-KW        | 1/2 X 1/4   | 8.8    |    |
| 471737                                     | R1 x 1-15/16-KW      | 1/2 X 1/4   | 8.6    |    |
| 471738                                     | R1 x 2-KW            | 1/2 X 1/4   | 8.5    |    |
| 471739                                     | R1 x 2-1/16-KW       | 1/2 X 1/4   | 8.3    |    |
| 471740                                     | R1 x 2-1/8-KW        | 1/2 X 1/4   | 8.2    |    |
| 471741                                     | R1 x 2-3/16-KW       | 1/2 X 1/4   | 8      |    |
| 471742                                     | R1 x 2-1/4-KW        | 1/2 X 1/4   | 7.9    |    |
| 471743                                     | R1 x 2-5/16-KW       | 5/8 X 5/16  | 7.7    |    |
| 471744                                     | R1 x 2-3/8-KW        | 5/8 X 5/16  | 7.5    |    |
| 471745                                     | R1 x 2-7/16-KW       | 5/8 X 5/16  | 7.3    |    |
| 471746                                     | R1 x 2-1/2-KW        | 5/8 X 5/16  | 7.2    |    |
| 471747                                     | R1 x 2-9/16-KW       | 5/8 X 5/16  | 7      |    |
| 471748                                     | R1 x 2-5/8-KW        | 5/8 X 5/16  | 8.8    |    |
| 471749                                     | R1 x 2-11/16-KW      | 5/8 X 5/16  | 6.6    |    |
| 471750                                     | R1 x 2-3/4-KW        | 5/8 X 5/16  | 6.4    |    |
| 471751                                     | R1 x 2-13/16-KW      | 3/4 X 3/8   | 6.2    |    |
| 471752                                     | R1 x 2-7/8-KW        | 3/4 X 3/8   | 6      |    |
| 471753                                     | R1 x 2-15/16-KW      | 3/4 X 3/8   | 4.4    |    |
| 471754                                     | R1 x 3-KW            | 3/4 X 3/8   | 5.6    |    |
| 471755                                     | R1 x 3-1/16-KW       | 3/4 X 3/8   | 5.3    |    |
| 471756                                     | R1 x 3-1/8-KW        | 3/4 X 3/8   | 5.1    |    |
| 471757                                     | R1 x 3-3/16-KW       | 3/4 X 3/8   | 4.9    |    |
| 471758                                     | R1 x 3-1/4-KW        | 3/4 X 3/8   | 4.6    |    |
| 471759                                     | R1 x 3-3/8-KW        | 7/8 X 7/16  | 4.2    |    |
| 471760                                     | R1 x 3-7/16-KW       | 7/8 X 7/16  | 3.9    |    |
| 471761                                     | R1 x 3-1/2-KW        | 7/8 X 7/16  | 3.6    |    |
| 471762                                     | R1 x 3-5/8-KW        | 7/8 X 7/16  | 3.1    |    |
| 471763                                     | R1 x 3-11/16-KW      | 7/8 X 7/16  | 2.9    |    |
| 471764                                     | R1 x 3-3/4-KW        | 7/8 X 7/16  | 2.6    |    |
| 471765                                     | R1 x 28MM-KW         | 8 x 3.3mm   | 10.1   |    |
| 471766                                     | R1 x 30MM-KW         | 8 x 3.3mm   | 10.1   |    |
| 471767                                     | R1 x 32MM-KW         | 10 x 3.3mm  | 10.1   |    |
| 471768                                     | R1 x 35MM-KW         | 10 x 3.3mm  | 10.1   |    |
| 471769                                     | R1 x 36MM-KW         | 10 x 3.3mm  | 10.1   |    |
| 471770                                     | R1 x 38MM-KW         | 10 x 3.3mm  | 10.1   |    |
| 471771                                     | R1 x 39MM-KW         | 12 x 3.3mm  | 10.1   |    |
| 471772                                     | R1 x 40MM-KW         | 12 x 3.3mm  | 10.1   |    |
| 471773                                     | R1 x 42MM-KW         | 12 x 3.3mm  | 9.2    |    |
| 471774                                     | R1 x 45MM-KW         | 14 x 3.8mm  | 9.2    |    |
| 471775                                     | R1 x 48MM-KW         | 14 x 3.8mm  | 8.7    |    |
| 471776                                     | R1 x 50MM-KW         | 14 x 3.8mm  | 8.7    |    |

| Part number | Description     | Keyseat     | Weight |
|-------------|-----------------|-------------|--------|
| 471777      | R1 x 55MM-KW    | 16 x 4.3mm  | 8.7    |
| 471778      | R1 x 60MM-KW    | 18 x 4.4mm  | 7.6    |
| 471779      | R1 x 65MM-KW    | 18 x 4.4mm  | 7      |
| 471780      | R1 x 70MM-KW    | 20 x 4.9mm  | 6.4    |
| 471781      | R1 x 75MM-KW    | 20 x 4.9mm  | 6.4    |
| 471782      | R1 x 80MM-KW    | 22 x 5.4mm  | 4.5    |
| 471783      | R1 x 90MM-KW    | 25 x 5.4mm  | 3.5    |
| 471784      | R1 x 95MM-KW    | 25 x 5.4mm  | 3.5    |
| 471785      | R2 x 1-3/8-KW   | 5/16 X 5/32 | 14.9   |
| 471786      | R2 x 1-7/16-KW  | 3/8 X 3/16  | 14.7   |
| 471787      | R2 x 1-1/2-KW   | 3/8 X 3/16  | 14.5   |
| 471788      | R2 x 1-9/16-KW  | 3/8 X 3/16  | 14.4   |
| 471789      | R2 x 1-5/8-KW   | 3/8 X 3/16  | 14.2   |
| 471790      | R2 x 1-11/16-KW | 3/8 X 3/16  | 13.9   |
| 471791      | R2 x 1-3/4-KW   | 3/8 X 3/16  | 13.7   |
| 471792      | R2 x 1-13/16-KW | 1/2 X 1/4   | 13.5   |
| 471793      | R2 x 1-7/8-KW   | 1/2 X 1/4   | 13.3   |
| 471794      | R2 x 1-15/16-KW | 1/2 X 1/4   | 13     |
| 471795      | R2 x 2-KW       | 1/2 X 1/4   | 12.8   |
| 471796      | R2 x 2-1/16-KW  | 1/2 X 1/4   | 12.5   |
| 471797      | R2 x 2-1/8-KW   | 1/2 X 1/4   | 12.3   |
| 471798      | R2 x 2-3/16-KW  | 1/2 X 1/4   | 12     |
| 471799      | R2 x 2-1/4-KW   | 1/2 X 1/4   | 11.7   |
| 471800      | R2 x 2-5/16-KW  | 5/8 X 5/16  | 11.5   |
| 471801      | R2 x 2-3/8-KW   | 5/8 X 5/16  | 11.2   |
| 471802      | R2 x 2-7/16-KW  | 5/8 X 5/16  | 10.2   |
| 471803      | R2 x 2-1/2-KW   | 5/8 X 5/16  | 10.6   |
| 471804      | R2 x 2-9/16-KW  | 5/8 X 5/16  | 10.2   |
| 471805      | R2 x 2-5/8-KW   | 5/8 X 5/16  | 9.9    |
| 471806      | R2 x 2-11/16-KW | 5/8 X 5/16  | 9.6    |
| 471807      | R2 x 2-3/4-KW   | 5/8 X 5/16  | 9.4    |
| 471808      | R2 x 2-13/16-KW | 3/4 X 3/8   | 8.9    |
| 471809      | R2 x 2-7/8-KW   | 3/4 X 3/8   | 8.6    |
| 471810      | R2 x 2-15/16-KW | 3/4 X 3/8   | 8.5    |
| 471811      | R2 x 3-KW       | 3/4 X 3/8   | 7.8    |
| 471812      | R2 x 3-1/16-KW  | 3/4 X 3/8   | 7.4    |
| 471813      | R2 x 3-1/8-KW   | 3/4 X 3/8   | 7.1    |
| 471814      | R2 x 3-3/16-KW  | 3/4 X 3/8   | 6.7    |
| 471815      | R2 x 3-1/4-KW   | 3/4 X 3/8   | 6.3    |
| 471816      | R2 x 3-3/8-KW   | 7/8 X 7/16  | 8      |
| 471817      | R2 x 3-7/16-KW  | 7/8 X 7/16  | 7.7    |
| 471818      | R2 x 3-1/2-KW   | 7/8 X 7/16  | 7.7    |
| 471819      | R2 x 3-5/8-KW   | 7/8 X 7/16  | 7.5    |
| 471820      | R2 x 35MM-KW    | 10 x 3.3mm  | 14.9   |
| 471821      | R2 x 36MM-KW    | 10 x 3.3mm  | 14.7   |
| 471822      | R2 x 38MM-KW    | 10 x 3.3mm  | 14.5   |
| 471823      | R2 x 39MM-KW    | 12 x 3.3mm  | 14.4   |
| 471824      | R2 x 40MM-KW    | 12 x 3.3mm  | 14.2   |
| 471825      | R2 x 42MM-KW    | 12 x 3.3mm  | 13.9   |
| 471826      | R2 x 45MM-KW    | 14 x 3.8mm  | 13.7   |
| 471827      | R2 x 48MM-KW    | 14 x 3.8mm  | 13.5   |
| 471828      | R2 x 50MM-KW    | 14 x 3.8mm  | 13.3   |
| 471829      | R2 x 55MM-KW    | 16 x 4.3mm  | 13     |
| 471830      | R2 x 60MM-KW    | 18 x 4.4mm  | 12.8   |
| 471831      | R2 x 65MM-KW    | 18 x 4.4mm  | 12.5   |
| 471832      | R2 x 70MM-KW    | 20 x 4.9mm  | 12.3   |
| 471833      | R2 x 75MM-KW    | 20 x 4.9mm  | 12     |
| 471834      | R2 x 80MM-KW    | 22 x 5.4mm  | 11.7   |
| 471835      | R2 x 85MM-KW    | 22 x 5.4mm  | 11.5   |
| 471836      | R2 x 90MM-KW    | 25 x 5.4mm  | 11.2   |

# Specification

## Split Taper Bushings

| Split taper bushings standard stock bores (inches) |                 |            |        |
|----------------------------------------------------|-----------------|------------|--------|
| Part number                                        | Description     | Keyseat    | Weight |
| 471837                                             | S1 x 1-11/16-KW | 3/8 X 3/16 | 18.9   |
| 471838                                             | S1 x 1-3/4-KW   | 3/8 X 3/16 | 18.7   |
| 471839                                             | S1 x 1-7/8-KW   | 1/2 X 1/4  | 18.3   |
| 471840                                             | S1 x 1-15/16-KW | 1/2 X 1/4  | 18.1   |
| 471841                                             | S1 x 2-KW       | 1/2 X 1/4  | 17.8   |
| 471842                                             | S1 x 2-1/16-KW  | 1/2 X 1/4  | 17.6   |
| 471843                                             | S1 x 2-1/8-KW   | 1/2 X 1/4  | 17.4   |
| 471844                                             | S1 x 2-3/16-KW  | 1/2 X 1/4  | 17.1   |
| 471845                                             | S1 x 2-1/4-KW   | 1/2 X 1/4  | 16.9   |
| 471846                                             | S1 x 2-5/16-KW  | 5/8 X 5/16 | 16.6   |
| 471847                                             | S1 x 2-3/8-KW   | 5/8 X 5/16 | 16.4   |
| 471848                                             | S1 x 2-7/16-KW  | 5/8 X 5/16 | 16.1   |
| 471849                                             | S1 x 2-1/2-KW   | 5/8 X 5/16 | 15.8   |
| 471850                                             | S1 x 2-9/16-KW  | 5/8 X 5/16 | 15.6   |
| 471851                                             | S1 x 2-5/8-KW   | 5/8 X 5/16 | 15.3   |
| 471852                                             | S1 x 2-11/16-KW | 5/8 X 5/16 | 15     |
| 471853                                             | S1 x 2-3/4-KW   | 5/8 X 5/16 | 14.7   |
| 471854                                             | S1 x 2-7/8-KW   | 3/4 X 3/8  | 14     |
| 471855                                             | S1 x 2-15/16-KW | 3/4 X 3/8  | 13.7   |
| 471856                                             | S1 x 3-KW       | 3/4 X 3/8  | 13.4   |
| 471857                                             | S1 x 3-1/8-KW   | 3/4 X 3/8  | 12.7   |
| 471858                                             | S1 x 3-3/16-KW  | 3/4 X 3/8  | 12.3   |
| 471859                                             | S1 x 3-1/4-KW   | 3/4 X 3/8  | 12     |
| 471860                                             | S1 x 3-3/8-KW   | 7/8 X 7/16 | 11.3   |
| 471861                                             | S1 x 3-7/16-KW  | 7/8 X 7/16 | 10.9   |
| 471862                                             | S1 x 3-1/2-KW   | 7/8 X 7/16 | 10.5   |
| 471863                                             | S1 x 3-5/8-KW   | 7/8 X 7/16 | 9.7    |
| 471864                                             | S1 x 3-11/16-KW | 7/8 X 7/16 | 9.3    |
| 471865                                             | S1 x 3-3/4-KW   | 7/8 X 7/16 | 8.9    |
| 471866                                             | S1 x 3-7/8-KW   | 1 X 1/2    | 8      |
| 471867                                             | S1 x 3-15/16-KW | 1 X 1/2    | 7.6    |
| 471868                                             | S1 x 4-KW       | 1 X 1/2    | 7.4    |
| 471869                                             | S1 x 4-1/8-KW   | 1 X 1/2    | 6.2    |
| 471870                                             | S1 x 4-3/16-KW  | 1 X 1/2    | 5.8    |
| 471871                                             | S1 x 4-1/4-KW   | 1 X 1/2    | 5.3    |

S1

Reference Guide

Synchronous Products

V-Belt Products

Roller Chain Sprockets

Bushing Products

Accessories Products

