

# SOLVE

INDUSTRIAL MOTION GROUP

# PRP

POWER RITE PRODUCTS

Quality Sprocket Products



## Power Rite Sprockets

Power Rite Sprockets are made from high quality materials to exacting specifications and tolerances. The majority of Power Rite sprockets are made of C1040 and C1045 steel while some are made of Mild steel depending on the type of sprocket and customer specifications.

Standard finish for Power Rite Sprockets is Black Oxide finish but other finishes are available. Please contact your Power Rite Account Manager if you have a special finish requirement.

Other types of sprockets available from Power Rite that are not shown in this catalog:

British Standard / Metric Sprockets

Double Chain Sprockets

Triple Chain Sprockets

Engineering Class Chain Sprockets

Sprockets with Spline Bore

Stainless Steel Sprockets

Nickel Plated Sprockets

Idler Ball Bearing Sprockets

Custom Made Sprockets

## Packaging

Power Rite Sprockets are shipped BULK packed in cartons or crates depending on the size of the sprocket and quantity of the shipment. Individually boxed sprockets are available at an additional cost.

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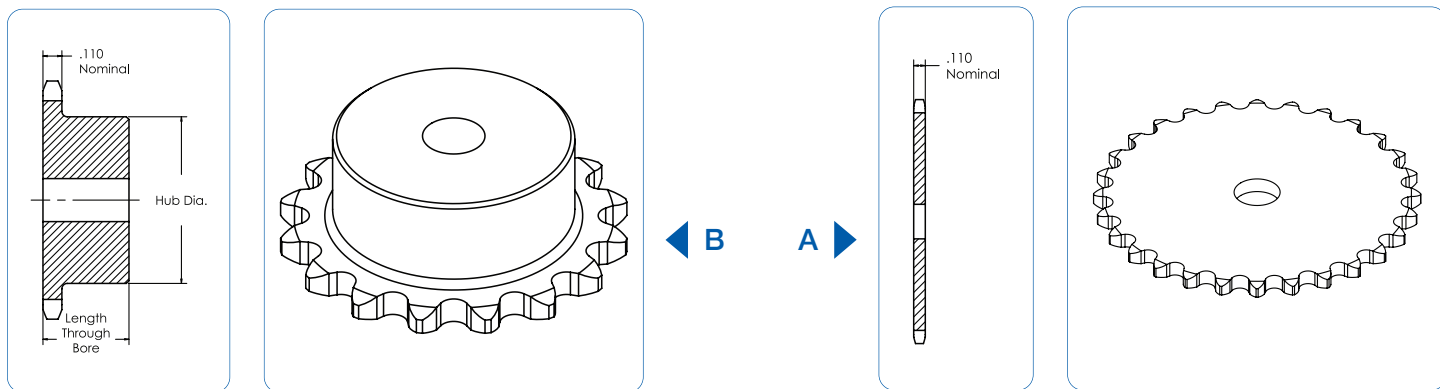
|                                                                                        |    |
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# No. 25 Sprockets

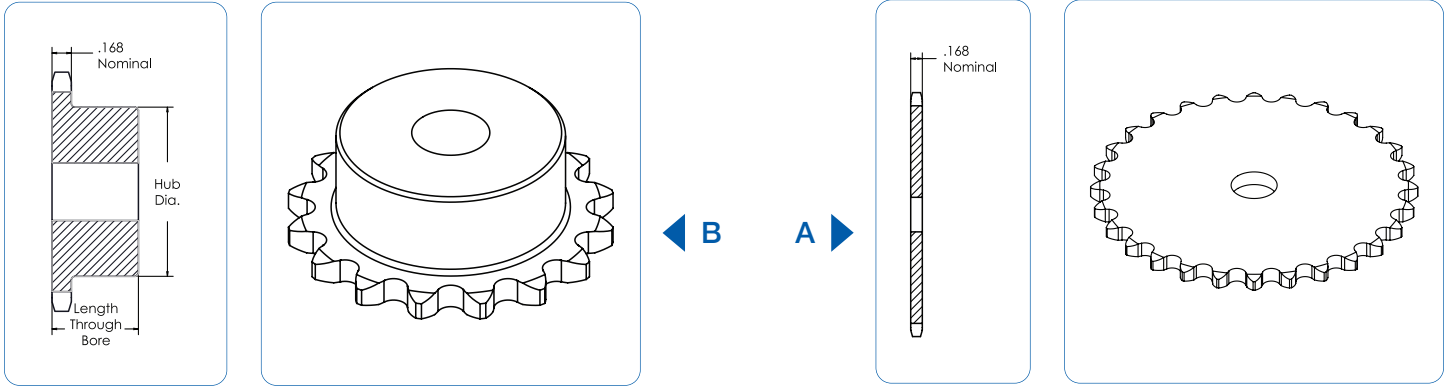
1/4" Pitch – Single – Types A and B



| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Weight Lbs. (App.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|--------------------|------|----------------|------------|--------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                    |      |                |            |                    |
| 9         | 25B9           | .837             | B    | 1/4           | 1/4       | 7/16         | 1/2         | .03                |      |                |            |                    |
| 10        | 25B10          | .919             | B    | 1/4           | 1/4       | 1/2          | 1/2         | .03                |      |                |            |                    |
| 11        | 25B11          | 1.002            | B    | 1/4           | 5/16      | 9/16         | 1/2         | .04                |      |                |            |                    |
| 12        | 25B12          | 1.083            | B    | 1/4           | 3/8       | 5/8          | 1/2         | .06                |      |                |            |                    |
| 13        | 25B13          | 1.167            | B    | 1/4           | 7/16      | 23/32        | 1/2         | .07                |      |                |            |                    |
| 14        | 25B14          | 1.246            | B    | 1/4           | 9/16      | 13/16        | 1/2         | .08                |      |                |            |                    |
| 15        | 25B15          | 1.326            | B    | 1/4           | 9/16      | 57/64        | 1/2         | .10                |      |                |            |                    |
| 16        | 25B16          | 1.407            | B    | 1/4           | 9/16      | 31/32        | 1/2         | .12                |      |                |            |                    |
| 17        | 25B17          | 1.487            | B    | 1/4           | 5/8       | 1-1/32       | 1/2         | .14                |      |                |            |                    |
| 18        | 25B18          | 1.568            | B    | 1/4           | 3/4       | 1-1/8        | 1/2         | .16                | A    | 25A18          | 1/4        | .04                |
| 19        | 25B19          | 1.648            | B    | 1/4           | 13/16     | 1-7/32       | 1/2         | .19                | A    | 25A19          | 1/4        | .04                |
| 20        | 25B20          | 1.729            | B    | 1/4           | 7/8       | 1-9/32       | 5/8         | .25                | A    | 25A20          | 1/4        | .04                |
| 21        | 25B21          | 1.809            | B    | 1/4           | 7/8       | 1-3/8        | 5/8         | .28                | A    | 25A21          | 3/8        | .04                |
| 22        | 25B22          | 1.889            | B    | 1/4           | 15/16     | 1-7/16       | 5/8         | .31                | A    | 25A22          | 3/8        | .06                |
| 23        | 25B23          | 1.969            | B    | 1/4           | 1         | 1-1/2        | 5/8         | .32                | A    | 25A23          | 3/8        | .06                |
| 24        | 25B24          | 2.049            | B    | 3/8           | 1         | 1-1/2        | 5/8         | .33                | A    | 25A24          | 3/8        | .08                |
| 25        | 25B25          | 2.129            | B    | 3/8           | 1         | 1-1/2        | 5/8         | .34                | A    | 25A25          | 3/8        | .08                |
| 26        | 25B26          | 2.209            | B    | 3/8           | 1         | 1-1/2        | 5/8         | .35                | A    | 25A26          | 3/8        | .09                |
| 28        | 25B28          | 2.369            | B    | 3/8           | 1         | 1-1/2        | 5/8         | .36                | A    | 25A28          | 3/8        | .10                |
| 30        | 25B30          | 2.529            | B    | 3/8           | 1         | 1-1/2        | 5/8         | .38                | A    | 25A30          | 3/8        | .12                |
| 32        | 25B32          | 2.688            | B    | 3/8           | 1         | 1-1/2        | 5/8         | .40                | A    | 25A32          | 3/8        | .14                |
| 35        |                | 2.928            |      |               |           |              |             |                    | A    | 25A35          | 3/8        | .16                |
| 36        | 25B36          | 3.008            | B    | 3/8           | 1         | 1-1/2        | 3/4         | .50                | A    | 25A36          | 3/8        | .18                |
| 40        | 25B40          | 3.327            | B    | 1/2           | 1-3/8     | 2            | 3/4         | .53                | A    | 25A40          | 1/2        | .20                |
| 42        |                | 3.486            |      |               |           |              |             |                    | A    | 25A42          | 1/2        | .24                |
| 45        | 25B45          | 3.725            | B    | 1/2           | 1-3/8     | 2            | 3/4         | .56                | A    | 25A45          | 1/2        | .25                |
| 48        | 25B48          | 3.964            | B    | 1/2           | 1-3/8     | 2            | 3/4         | .56                | A    | 25A48          | 1/2        | .32                |
| 54        | 25B54          | 4.442            | B    | 1/2           | 1-3/8     | 2            | 3/4         | 1.00               | A    | 24A54          | 1/2        | .38                |
| 60        | 25B60          | 4.920            | B    | 1/2           | 1-3/8     | 2            | 3/4         | 1.10               | A    | 25A60          | 1/2        | .54                |
| 70        | 25B70          | 5.717            | B    | 1/2           | 1-3/8     | 2            | 3/4         | 1.25               | A    |                |            |                    |
| 72        | 25B72          | 5.876            | B    | 1/2           | 1-3/8     | 2            | 3/4         | 1.30               | A    | 25A72          | 1/2        | .74                |

## No. 35 Sprockets

3/8" Pitch – Single – Types A and B

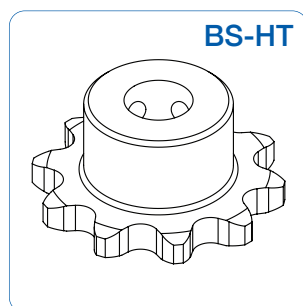
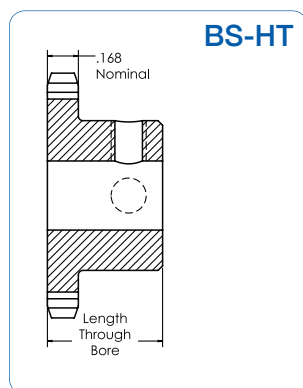
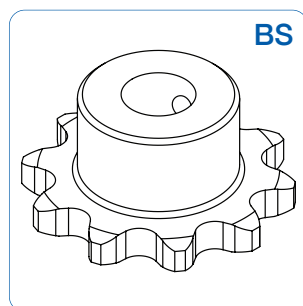
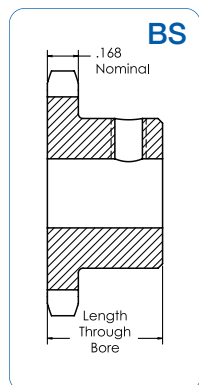


| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Weight Lbs. (App.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|--------------------|------|----------------|------------|--------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                    |      |                |            |                    |
| 8         | 35B8           | 1.130            | B    | 3/8           | 3/8       | 3/4*         | 3/4         | .07                |      |                |            |                    |
| 9         | 35B9           | 1.260            | B    | 3/8           | 3/8       | 27/32*       | 3/4         | .09                |      |                |            |                    |
| 10        | 35B10          | 1.380            | B    | 3/8           | 9/16      | 31/32*       | 3/4         | .14                |      |                |            |                    |
| 11        | 35B11          | 1.500            | B    | 3/8           | 9/16      | 1-1/16*      | 3/4         | .17                |      |                |            |                    |
| 12        | 35B12          | 1.630            | B    | 1/2           | 9/16      | 1-7/32*      | 3/4         | .20                |      |                |            |                    |
| 13        | 35B13          | 1.750            | B    | 1/2           | 11/16     | 1-1/4*       | 3/4         | .23                |      |                |            |                    |
| 14        | 35B14          | 1.870            | B    | 1/2           | 7/8       | 1-1/4        | 3/4         | .25                |      |                |            |                    |
| 15        | 35B15          | 1.990            | B    | 1/2           | 7/8       | 1-11/32      | 3/4         | .29                | A    | 35A15          | 1/2        | .10                |
| 16        | 35B16          | 2.110            | B    | 1/2           | 15/16     | 1-15/32      | 3/4         | .35                | A    | 35A16          | 1/2        | .12                |
| 17        | 35B17          | 2.230            | B    | 1/2           | 1-1/16    | 1-19/32      | 3/4         | .42                | A    | 35A17          | 1/2        | .12                |
| 18        | 35B18          | 2.350            | B    | 1/2           | 1-3/16    | 1-23/32      | 3/4         | .48                | A    | 35A18          | 1/2        | .14                |
| 19        | 35B19          | 2.470            | B    | 1/2           | 1-1/4     | 1-27/32      | 3/4         | .54                | A    | 35A19          | 1/2        | .16                |
| 20        | 35B20          | 2.590            | B    | 1/2           | 1-5/16    | 1-15/16      | 3/4         | .59                | A    | 35A20          | 1/2        | .20                |
| 21        | 35B21          | 2.710            | B    | 1/2           | 1-3/8     | 2            | 7/8         | .80                | A    | 35A21          | 1/2        | .20                |
| 22        | 35B22          | 2.830            | B    | 1/2           | 1-3/8     | 2            | 7/8         | .80                | A    | 35A22          | 1/2        | .22                |
| 23        | 35B23          | 2.950            | B    | 1/2           | 1-3/8     | 2            | 7/8         | .82                | A    | 35A23          | 1/2        | .24                |
| 24        | 35B24          | 3.070            | B    | 1/2           | 1-3/8     | 2            | 7/8         | .88                | A    | 35A24          | 1/2        | .26                |
| 25        | 35B25          | 3.190            | B    | 1/2           | 1-3/8     | 2            | 7/8         | .88                | A    | 35A25          | 1/2        | .28                |
| 26        | 35B26          | 3.310            | B    | 1/2           | 1-3/8     | 2            | 7/8         | .90                | A    | 35A26          | 1/2        | .28                |
| 27        | 35B27          | 3.430            | B    | 1/2           | 1-3/8     | 2            | 7/8         | .94                | A    | 35A27          | 1/2        | .34                |
| 28        | 35B28          | 3.550            | B    | 1/2           | 1-3/8     | 2            | 7/8         | .94                | A    | 35A28          | 1/2        | .34                |
| 30        | 35B30          | 3.790            | B    | 1/2           | 1-3/8     | 2            | 7/8         | 1.02               | A    | 35A30          | 1/2        | .46                |
| 32        | 35B32          | 4.030            | B    | 1/2           | 1-3/8     | 2            | 7/8         | 1.24               | A    | 35A32          | 5/8        | .46                |
| 35        | 35B35          | 4.390            | B    | 5/8           | 1-1/2     | 2-1/4        | 7/8         | 1.50               | A    | 35A35          | 5/8        | .60                |
| 36        | 35B36          | 4.510            | B    | 5/8           | 1-1/2     | 2-1/4        | 7/8         | 1.56               | A    | 35A36          | 5/8        | .62                |
| 40        | 35B40          | 4.990            | B    | 5/8           | 1-1/2     | 2-1/4        | 1           | 1.62               | A    | 35A40          | 19/32      | .70                |
| 42        | 35B42          | 5.230            | B    | 5/8           | 1-1/2     | 2-1/4        | 1           | 1.68               | A    | 35A42          | 19/32      | .78                |
| 45        | 35B45          | 5.590            | B    | 5/8           | 1-1/2     | 2-1/4        | 1           | 1.78               | A    | 35A45          | 19/32      | .88                |
| 48        | 35B48          | 5.950            | B    | 5/8           | 1-1/2     | 2-1/4        | 1           | 1.88               | A    | 25A48          | 19/32      | 1.21               |
| 54        | 35B54          | 6.660            | B    | 5/8           | 1-1/2     | 2-1/4        | 1           | 2.20               | A    | 35A54          | 19/32      | 1.32               |
| 60        | 35B60          | 7.380            | B    | 3/4           | 1-1/2     | 2-1/4        | 1           | 2.48               | A    | 35A60          | 23/32      | 1.66               |
| 70        | 35B70          | 8.580            | B    | 3/4           | 1-1/2     | 2-1/4        | 1           | 3.12               | A    | 35A70          | 23/32      | 2.30               |
| 72        | 35B72          | 8.810            | B    | 3/4           | 1-1/2     | 2-1/4        | 1           | 3.42               | A    | 35A72          | 23/32      | 2.56               |
| 80        | 35B80          | 9.770            | B    | 3/4           | 1-1/2     | 2-1/4        | 1           | 3.82               | A    | 35A80          | 23/32      | 3.16               |
| 84        | 35B84          | 10.250           | B    | 3/4           | 1-1/2     | 2-1/4        | 1           | 4.24               | A    | 35A84          | 23/32      | 3.26               |
| 96        | 35B96          | 11.680           | B    | 3/4           | 1-1/2     | 2-1/4        | 1           | 5.16               | A    | 35A96          | 23/32      | 4.64               |
| 112       | 35B112         | 13.590           | B    | 3/4           | 1-1/2     | 2-1/4        | 1           | 6.70               | A    | 35A112         | 23/32      | 5.05               |

\* Has recessed groove in hub for chain clearance.

# No. 35 Sprockets

3/8" Pitch – Single – Type "BS" and Type "BS" – Hardened Teeth



## BS

KEYWAY IS ON CENTERLINE OF TOOTH

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (App.) | Stock Finished Bores Includes Keyway & Setscrews |      |      |      |         |
|-----------|----------------|------------------|------------------|--------------------|--------------------------------------------------|------|------|------|---------|
| 9         | 35BS9          | 1.260            | 3/4              | .10                | *3/8                                             |      |      |      |         |
| 10        | 35BS10         | 1.380            | 3/4              | .11                | *3/8                                             | *1/2 | †5/8 |      |         |
| 11        | 35BS11         | 1.500            | 3/4              | .15                | *3/8                                             | *1/2 | †5/8 | †3/4 |         |
| 12        | 35BS12         | 1.630            | 3/4              | .18                |                                                  | *1/2 | 5/8  | 3/4  |         |
| 13        | 35BS13         | 1.750            | 3/4              | .20                |                                                  | *1/2 | 5/8  | 3/4  |         |
| 14        | 35BS14         | 1.870            | 3/4              | .22                |                                                  | *1/2 | 5/8  | 3/4  |         |
| 15        | 35BS15         | 1.990            | 3/4              | .24                |                                                  | *1/2 | 5/8  | 3/4  | 7/8 1   |
| 16        | 35BS16         | 2.110            | 3/4              | .29                |                                                  | *1/2 | 5/8  | 3/4  | 7/8 1   |
| 17        | 35BS17         | 2.230            | 3/4              | .36                |                                                  | *1/2 | 5/8  | 3/4  | 7/8 1   |
| 18        | 35BS18         | 2.350            | 3/4              | .39                |                                                  | *1/2 | 5/8  | 3/4  | 7/8 1   |
| 19        | 35BS19         | 2.470            | 3/4              | .44                |                                                  |      | 5/8  | 3/4  | 1       |
| 20        | 35BS20         | 2.590            | 3/4              | .51                |                                                  |      | 5/8  | 3/4  | 1       |
| 21        | 35BS21         | 2.710            | 7/8              | .75                |                                                  |      | 5/8  | 3/4  | 1       |
| 22        | 35BS22         | 2.830            | 7/8              | .76                |                                                  |      | 5/8  | 3/4  | 1       |
| 23        | 35BS23         | 2.950            | 7/8              | .78                |                                                  |      | 5/8  | 3/4  | 1       |
| 24        | 35BS24         | 3.070            | 7/8              | .79                |                                                  |      | 5/8  | 3/4  | 1       |
| 25        | 35BS25         | 3.190            | 7/8              | .80                |                                                  |      | 5/8  | 3/4  | 1       |
| 26        | 35BS26         | 3.310            | 7/8              | .84                |                                                  |      | 5/8  | 3/4  | 1       |
| 28        | 35BS28         | 3.550            | 7/8              | .88                |                                                  |      | 5/8  | 3/4  | 1       |
| 30        | 35BS30         | 3.790            | 7/8              | .96                |                                                  |      | 5/8  | 3/4  | 1       |
| 32        | 35BS32         | 4.030            | 7/8              | 1.14               |                                                  |      | 5/8  | 3/4  | 1       |
| 35        | 35BS35         | 4.390            | 7/8              | 1.38               |                                                  |      | 5/8  | 3/4  | 1       |
| 40        | 35BS40         | 4.990            | 1                | 1.56               |                                                  |      | 5/8  | 3/4  | 1       |
| 45        | 35BS45         | 5.590            | 1                | 1.74               |                                                  |      | 5/8  | 3/4  | 1       |
| 60        | 35BS60         | 7.380            | 1                | 2.34               |                                                  |      |      | 3/4  | 1 1-1/4 |

\* Indicates no Keyway. 2-1/4" Setscrews only in 1/2" & 3/8" Bore. † Setscrews at 90°

## BS – Hardened Teeth

"HT" is for Hardened Teeth. KEYWAY IS ON CENTERLINE OF TOOTH

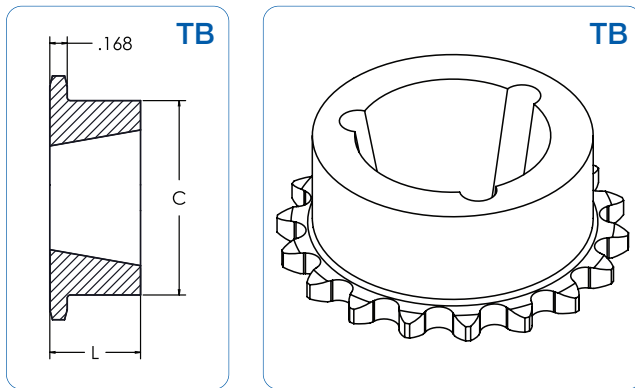
| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (App.) | Stock Finished Bores Includes Keyway & Setscrews |      |      |      |       |
|-----------|----------------|------------------|------------------|--------------------|--------------------------------------------------|------|------|------|-------|
| 9         | 35BS9HT        | 1.260            | 3/4              | .10                | *3/8                                             |      |      |      |       |
| 10        | 35BS10HT       | 1.380            | 3/4              | .11                | *3/8                                             | *1/2 | †5/8 |      |       |
| 11        | 35BS11HT       | 1.500            | 3/4              | .15                | *3/8                                             | *1/2 | †5/8 | †3/4 |       |
| 12        | 35BS12HT       | 1.630            | 3/4              | .18                |                                                  | *1/2 | 5/8  | 3/4  |       |
| 13        | 35BS13HT       | 1.750            | 3/4              | .20                |                                                  | *1/2 | 5/8  | 3/4  |       |
| 14        | 35BS14HT       | 1.870            | 3/4              | .22                |                                                  | *1/2 | 5/8  | 3/4  |       |
| 15        | 35BS15HT       | 1.990            | 3/4              | .24                |                                                  | *1/2 | 5/8  | 3/4  | 7/8 1 |
| 16        | 35BS16HT       | 2.110            | 3/4              | .29                |                                                  | *1/2 | 5/8  | 3/4  | 7/8 1 |
| 17        | 35BS17HT       | 2.230            | 3/4              | .36                |                                                  | *1/2 | 5/8  | 3/4  | 7/8 1 |
| 18        | 35BS18HT       | 2.350            | 3/4              | .39                |                                                  | *1/2 | 5/8  | 3/4  | 7/8 1 |
| 19        | 35BS19HT       | 2.470            | 3/4              | .44                |                                                  |      | 5/8  | 3/4  | 1     |
| 20        | 35BS20HT       | 2.590            | 3/4              | .51                |                                                  |      | 5/8  | 3/4  | 1     |
| 21        | 35BS21HT       | 2.710            | 7/8              | .75                |                                                  |      | 5/8  | 3/4  | 1     |
| 22        | 35BS22HT       | 2.830            | 7/8              | .76                |                                                  |      | 5/8  | 3/4  | 1     |
| 23        | 35BS23HT       | 2.950            | 7/8              | .78                |                                                  |      | 5/8  | 3/4  | 1     |
| 24        | 35BS24HT       | 3.070            | 7/8              | .79                |                                                  |      | 5/8  | 3/4  | 1     |
| 25        | 35BS25HT       | 3.190            | 7/8              | .80                |                                                  |      | 5/8  | 3/4  | 1     |
| 26        | 35BS26HT       | 3.310            | 7/8              | .84                |                                                  |      | 5/8  | 3/4  | 1     |
| 28        | 35BS28HT       | 3.550            | 7/8              | .88                |                                                  |      | 5/8  | 3/4  | 1     |
| 30        | 35BS30HT       | 3.790            | 7/8              | .96                |                                                  |      | 5/8  | 3/4  | 1     |

\* Indicates no Keyway. 2-1/4" Setscrews only in 1/2" & 3/8" Bore at 90°. † Setscrews at 90° & 180° to Key



# No. 35 Sprockets

3/8" Pitch – Single – Taper Bushed



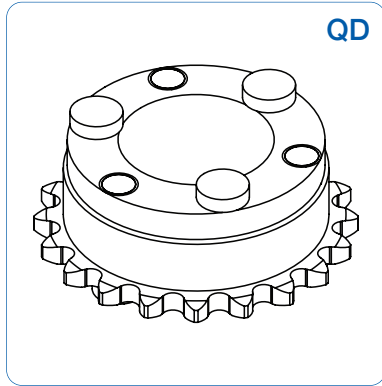
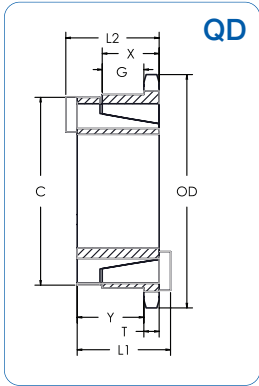
| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |         | Type | Weight (App.) |           |
|-----------|----------------|---------|------------------|----------------|-----------|------------|---------|------|---------------|-----------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C       |      | Rim Only      | Bush Only |
| 18        | 35BTB18        | 1008    | 2.352            | 2.159          | 1         | 7/8        | 1-7/8*  | B    | .4            | .3        |
| 19        | 35BTB19        | 1008    | 2.472            | 2.278          | 1         | 7/8        | 1-13/16 | B    | .5            | .3        |
| 20        | 35BTB20        | 1008    | 2.593            | 2.397          | 1         | 7/8        | 1-15/16 | B    | .6            | .3        |
| 21        | 35BTB21        | 1008    | 2.713            | 2.516          | 1         | 7/8        | 2-1/16  | B    | .7            | .3        |
| 22        | 35BTB22        | 1210    | 2.883            | 2.635          | 1-1/4     | 1          | 2-3/8   | B    | .8            | .6        |
| 23        | 35BTB23        | 1210    | 2.954            | 2.754          | 1-1/4     | 1          | 2-7/16  | B    | .9            | .6        |
| 24        | 35BTB24        | 1210    | 3.074            | 2.873          | 1-1/4     | 1          | 2-7/16  | B    | .9            | .6        |
| 25        | 35BTB25        | 1210    | 3.194            | 2.992          | 1-1/4     | 1          | 2-7/16  | B    | 1.2           | .6        |
| 26        | 35BTB26        | 1610    | 3.314            | 3.111          | 1-5/8     | 1          | 2-7/8*  | B    | 1.1           | .9        |
| 28        | 35BTB28        | 1610    | 3.553            | 3.349          | 1-5/8     | 1          | 2-7/8   | B    | 1.2           | .9        |
| 30        | 35BTB30        | 1610    | 3.793            | 3.588          | 1-5/8     | 1          | 3-1/8   | B    | 1.2           | .9        |
| 32        | 35BTB32        | 1610    | 4.032            | 3.826          | 1-5/8     | 1          | 3-1/4   | B    | 1.3           | .9        |
| 35        | 35BTB35        | 1610    | 4.392            | 4.183          | 1-5/8     | 1          | 3-1/4   | B    | 1.4           | .9        |
| 36        | 35BTB36        | 1610    | 4.511            | 4.303          | 1-5/8     | 1          | 3-1/4   | B    | 1.4           | .9        |
| 40        | 35BTB40        | 1610    | 4.990            | 4.786          | 1-5/8     | 1          | 3-1/4   | B    | 1.9           | .9        |
| 42        | 35BTB42        | 1610    | 5.229            | 5.018          | 1-5/8     | 1          | 3-1/4   | B    | 2.0           | .9        |
| 45        | 35BTB45        | 1610    | 5.588            | 5.376          | 1-5/8     | 1          | 3-1/4   | B    | 2.1           | .9        |
| 48        | 35BTB48        | 1610    | 5.946            | 5.734          | 1-5/8     | 1          | 3-1/4   | B    | 2.3           | .9        |
| 54        | 35BTB54        | 1610    | 6.663            | 6.449          | 1-5/8     | 1          | 3-1/4   | B    | 2.6           | .9        |
| 60        | 35BTB60        | 1610    | 7.380            | 7.165          | 1-5/8     | 1          | 3-1/4   | B    | 3.0           | .9        |
| 70        | 35BTB70        | 1610    | 8.575            | 8.358          | 1-5/8     | 1          | 3-1/4   | B    | 3.7           | .9        |
| 72        | 35BTB72        | 1610    | 8.814            | 8.597          | 1-5/8     | 1          | 3-1/4   | B    | 3.9           | .9        |
| 80        | 35BTB80        | 1610    | 9.770            | 9.552          | 1-5/8     | 1          | 3-1/4   | B    | 4.5           | .9        |
| 84        | 35BTB84        | 1610    | 10.247           | 10.029         | 1-5/8     | 1          | 3-1/4   | B    | 4.9           | .9        |
| 96        | 35BTB96        | 1610    | 11.680           | 11.461         | 1-5/8     | 1          | 3-1/4   | B    | 6.0           | .9        |
| 112       | 35BTB112       | 1610    | 13.590           | 13.371         | 1-5/8     | 1          | 3-1/4   | B    | 7.8           | .9        |

\* Has recessed groove in hub for chain clearance.



# No. 35 Sprockets

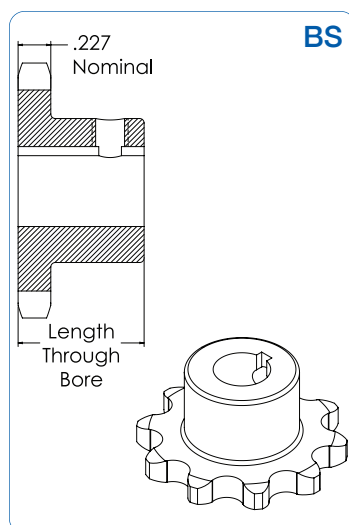
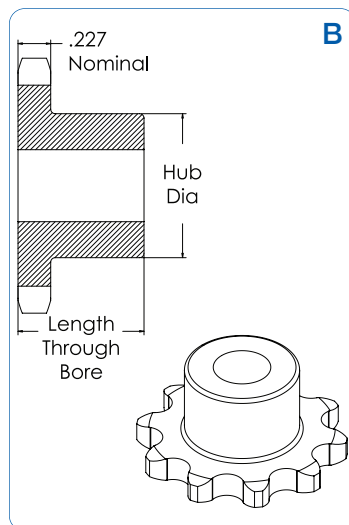
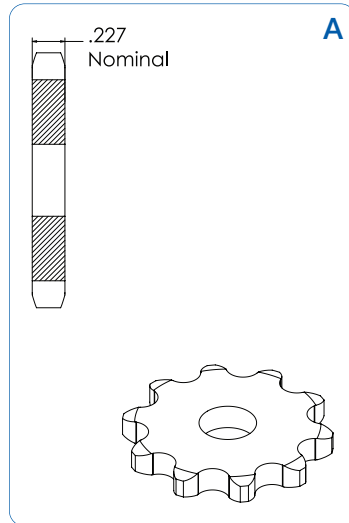
3/8" Pitch – Single – Type “QD”



| No.<br>Teet<br>h | Catalog<br>Number | Bushing | Diameters           |                   | Type | Max.<br>Bore | Dimensions     |                |         |        |       |       |      | Weight (App.) |              |
|------------------|-------------------|---------|---------------------|-------------------|------|--------------|----------------|----------------|---------|--------|-------|-------|------|---------------|--------------|
|                  |                   |         | Outside<br>Diameter | Pitch<br>Diameter |      |              | L <sub>1</sub> | L <sub>2</sub> | C       | Y      | G     | X     | T    | Rim<br>Only   | Bush<br>Only |
| 19               | 35JA19            | JA      | 2.470               | 2.278             | B    | 1-1/4        | 1-1/8          | 1-1/8          | 2-1/16  | 53/64  | 29/64 | 5/8   | .168 | 1.18          | .28          |
| 20               | 35JA20            | JA      | 2.590               | 2.397             | B    | 1-1/4        | 1-1/8          | 1-1/8          | 2-1/16  | 53/64  | 29/64 | 5/8   | .168 | 1.22          | .32          |
| 21               | 35JA21            | JA      | 2.710               | 2.516             | B    | 1-1/4        | 1-1/8          | 1-1/8          | 2-1/16  | 53/64  | 29/64 | 5/8   | .168 | 1.24          | .34          |
| 22               | 35JA22            | JA      | 2.830               | 2.635             | B    | 1-1/4        | 1-1/8          | 1-1/8          | 2-1/16  | 53/64  | 29/64 | 5/8   | .168 | 1.26          | .36          |
| 23               | 35JA23            | JA      | 2.950               | 2.754             | B    | 1-1/4        | 1-1/8          | 1-1/8          | 2-1/16  | 53/64  | 29/64 | 5/8   | .168 | 1.28          | .38          |
| 24               | 35JA24            | JA      | 3.070               | 2.873             | B    | 1-1/4        | 1-1/8          | 1-1/8          | 2-1/16  | 53/64  | 29/64 | 5/8   | .168 | 1.30          | .40          |
| 25               | 35JA25            | JA      | 3.190               | 2.992             | B    | 1-1/4        | 1-1/8          | 1-1/8          | 2-1/16  | 53/64  | 29/64 | 5/8   | .168 | 1.34          | .44          |
| 26               | 35JA26            | JA      | 3.310               | 3.111             | B    | 1-1/4        | 1-1/8          | 1-1/8          | 2-1/16  | 53/64  | 29/64 | 5/8   | .168 | 1.36          | .46          |
| 27               | 35JA27            | JA      | 3.430               | 3.230             | B    | 1-1/4        | 1-1/8          | 1-1/8          | 2-1/16  | 53/64  | 29/64 | 5/8   | .168 | 1.38          | .48          |
| 28               | 35JA28            | JA      | 3.550               | 3.349             | B    | 1-1/4        | 1-1/8          | 1-1/8          | 2-1/16  | 53/64  | 29/64 | 5/8   | .168 | 1.42          | .52          |
| 30               | 35JA30            | JA      | 3.790               | 3.588             | B    | 1-1/4        | 1-1/8          | 1-1/8          | 2-1/16  | 53/64  | 29/64 | 5/8   | .168 | 1.46          | .56          |
| 32               | 35JA32            | JA      | 4.030               | 3.826             | B    | 1-1/4        | 1-1/8          | 1-1/8          | 2-1/16  | 53/64  | 29/64 | 5/8   | .168 | 1.68          | .78          |
| 35               | 35JA35            | JA      | 4.390               | 4.183             | B    | 1-1/4        | 1-1/8          | 1-1/8          | 2-1/16  | 53/64  | 29/64 | 5/8   | .168 | 1.94          | 1.04         |
| 36               | 35SH36            | SH      | 4.510               | 4.303             | B    | 1-5/8        | 1-7/16         | 1-7/16         | 2-11/16 | 1-5/64 | 41/64 | 13/16 | .168 | 2.06          | 1.06         |
| 40               | 35SH40            | SH      | 4.990               | 4.780             | B    | 1-5/8        | 1-7/16         | 1-7/16         | 2-11/16 | 1-5/64 | 41/64 | 13/16 | .168 | 2.18          | 1.18         |
| 42               | 35SH42            | SH      | 5.230               | 5.018             | B    | 1-5/8        | 1-7/16         | 1-7/16         | 2-11/16 | 1-5/64 | 41/64 | 13/16 | .168 | 2.26          | 1.26         |
| 45               | 35SH45            | SH      | 5.590               | 5.376             | B    | 1-5/8        | 1-7/16         | 1-7/16         | 2-11/16 | 1-5/64 | 41/64 | 13/16 | .168 | 2.40          | 1.40         |
| 48               | 35SH48            | SH      | 5.950               | 5.734             | B    | 1-5/8        | 1-7/16         | 1-7/16         | 2-11/16 | 1-5/64 | 41/64 | 13/16 | .168 | 2.58          | 1.58         |
| 54               | 35SH54            | SH      | 6.660               | 6.449             | B    | 1-5/8        | 1-7/16         | 1-7/16         | 2-11/16 | 1-5/64 | 41/64 | 13/16 | .168 | 2.88          | 1.88         |
| 60               | 35SH60            | SH      | 7.380               | 7.165             | B    | 1-5/8        | 1-7/16         | 1-7/16         | 2-11/16 | 1-5/64 | 41/64 | 13/16 | .168 | 3.28          | 2.28         |
| 70               | 35SH70            | SH      | 8.580               | 8.358             | B    | 1-5/8        | 1-7/16         | 1-7/16         | 2-11/16 | 1-5/64 | 41/64 | 13/16 | .168 | 3.94          | 2.94         |
| 72               | 35SH72            | SH      | 8.810               | 8.597             | B    | 1-5/8        | 1-7/16         | 1-7/16         | 2-11/16 | 1-5/64 | 41/64 | 13/16 | .168 | 4.14          | 3.14         |
| 80               | 35SH80            | SH      | 9.770               | 9.552             | B    | 1-5/8        | 1-7/16         | 1-7/16         | 2-11/16 | 1-5/64 | 41/64 | 13/16 | .168 | 4.68          | 3.68         |
| 84               | 35SH84            | SH      | 10.250              | 10.029            | B    | 1-5/8        | 1-7/16         | 1-7/16         | 2-11/16 | 1-5/64 | 41/64 | 13/16 | .168 | 4.86          | 3.96         |
| 96               | 35SH96            | SH      | 11.680              | 11.461            | B    | 1-5/8        | 1-7/16         | 1-7/16         | 2-11/16 | 1-5/64 | 41/64 | 13/16 | .168 | 6.38          | 5.38         |
| 112              | 35SH112           | SH      | 13.590              | 13.371            | B    | 1-5/8        | 1-7/16         | 1-7/16         | 2-11/16 | 1-5/64 | 41/64 | 13/16 | .168 | 7.60          | 6.60         |

## No. 41 Sprockets

1/2" Pitch – Single –  
Types A, B and BS



| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) Rec. Stock | Hub (inches) Length Dia. Thru | Weight Lbs. (App.) | Type   | Catalog Number | Stock Bore | Weight Lbs. (App.) |
|-----------|----------------|------------------|------|--------------------------|-------------------------------|--------------------|--------|----------------|------------|--------------------|
| 6         | 41B6           | 1.170            | B    | 3/8                      | 3/8                           | 21/32*             | 7/8    | .07            |            |                    |
| 7         | 41B7           | 1.340            | B    | 3/8                      | 3/8                           | 3/4*               | 7/8    | .10            |            |                    |
| 8         | 41B8           | 1.510            | B    | 1/2                      | 1/2                           | 63/64*             | 7/8    | .19            |            |                    |
| 9         | 41B9           | 1.670            | B    | 1/2                      | 5/8                           | 1-1/8*             | 7/8    | .20            |            |                    |
| 10        | 41B10          | 1.840            | B    | 1/2                      | 3/4                           | 1-1/4*             | 7/8    | .27            |            |                    |
| 11        | 41B11          | 2.000            | B    | 1/2                      | 7/8                           | 1-7/16*            | 7/8    | .35            |            |                    |
| 12        | 41B12          | 2.170            | B    | 1/2                      | 15/16                         | 1-9/16*            | 7/8    | .44            |            |                    |
| 13        | 41B13          | 2.330            | B    | 1/2                      | 1                             | 1-9/16             | 7/8    | .50            |            |                    |
| 14        | 41B14          | 2.490            | B    | 1/2                      | 1-1/4                         | 1-3/4              | 7/8    | .57            |            |                    |
| 15        | 41B15          | 2.650            | B    | 1/2                      | 1-5/16                        | 1-29/32            | 7/8    | .72            | A          | 41A15              |
| 16        | 41B16          | 2.810            | B    | 5/8                      | 1-3/8                         | 2-1/16             | 7/8    | .91            | A          | 41A16              |
| 17        | 41B17          | 2.980            | B    | 5/8                      | 1-1/2                         | 2-15/64            | 1      | 1.09           | A          | 41A17              |
| 18        | 41B18          | 3.140            | B    | 5/8                      | 1-5/8                         | 2-3/8              | 1      | 1.25           | A          | 41A18              |
| 19        | 41B19          | 3.300            | B    | 5/8                      | 1-3/4                         | 2-15/32            | 1      | 1.49           | A          | 41A19              |
| 20        | 41B20          | 3.460            | B    | 5/8                      | 1-7/8                         | 2-3/4              | 1      | 1.64           | A          | 41A20              |
| 21        | 41B21          | 3.620            | B    | 5/8                      | 1-7/8                         | 2-7/8              | 1      | 1.81           | A          | 41A21              |
| 22        | 41B22          | 3.780            | B    | 5/8                      | 2                             | 3                  | 1      | 1.93           | A          | 41A22              |
| 23        | 41B23          | 3.940            | B    | 5/8                      | 2-1/4                         | 3-3/16             | 1      | 2.25           | A          | 41A23              |
| 24        | 41B24          | 4.100            | B    | 5/8                      | 2-1/4                         | 3-1/4              | 1      | 2.33           | A          | 41A24              |
| 25        | 41B25          | 4.260            | B    | 5/8                      | 2-1/4                         | 3-1/4              | 1      | 2.46           | A          | 41A25              |
| 26        | 41B26          | 4.420            | B    | 5/8                      | 2-1/4                         | 3-1/4              | 1      | 2.50           | A          | 41A26              |
| 27        | 41B27          | 4.580            | B    | 5/8                      | 2-1/4                         | 3-1/4              | 1      | 2.56           | A          | 41A27              |
| 28        | 41B28          | 4.740            | B    | 5/8                      | 2-1/4                         | 3-1/4              | 1      | 2.64           | A          | 41A28              |
| 30        | 41B30          | 5.060            | B    | 5/8                      | 2-1/4                         | 3-1/4              | 1      | 2.80           | A          | 41A30              |
| 32        | 41B32          | 5.380            | B    | 5/8                      | 2-1/4                         | 3-1/4              | 1      | 2.96           | A          | 41A32              |
| 35        | 41B35          | 5.860            | B    | 5/8                      | 2-3/8                         | 3-1/4              | 1      | 3.12           | A          | 41A35              |
| 36        | 41B36          | 6.020            | B    | 5/8                      | 2-3/8                         | 3-1/4              | 1      | 3.32           | A          | 41A36              |
| 40        | 41B40          | 6.650            | B    | 3/4                      | 2-3/8                         | 3-1/4              | 1-1/16 | 4.06           | A          | 41A40              |
| 42        | 41B42          | 6.970            | B    | 3/4                      | 2-3/8                         | 3-1/2              | 1-1/16 | 4.10           | A          | 41A42              |
| 45        | 41B45          | 7.450            | B    | 3/4                      | 2-3/8                         | 3-1/2              | 1-1/16 | 4.18           | A          | 41A45              |
| 48        | 41B48          | 7.930            | B    | 3/4                      | 2-3/8                         | 3-1/2              | 1-1/16 | 4.92           | A          | 41A48              |
| 54        | 41B54          | 8.890            | B    | 3/4                      | 2-3/8                         | 3-1/2              | 1-1/16 | 5.68           | A          | 41A54              |
| 60        | 41B60          | 9.840            | B    | 3/4                      | 2-3/8                         | 3-1/2              | 1-1/16 | 6.78           | A          | 41A60              |
| 70        | 41B70          | 11.430           | B    | 3/4                      | 2-3/4                         | 4                  | 1-3/16 | 9.54           | A          | 41A70              |
| 72        | 41B72          | 11.750           | B    | 3/4                      | 2-3/4                         | 4                  | 1-3/16 | 9.64           | A          | 41A72              |
| 80        | 41B80          | 13.030           | B    | 3/4                      | 2-3/4                         | 4                  | 1-3/16 | 11.54          | A          | 41A80              |
| 84        | 41B84          | 13.660           | B    | 3/4                      | 2-3/4                         | 4                  | 1-3/16 | 12.20          | A          | 41A84              |
| 96        | 41B96          | 15.570           | B    | 1                        | 2-3/4                         | 4                  | 1-3/16 | 14.86          | A          | 41A96              |
| 112       | 41B112         | 18.120           | B    | 1                        | 2-3/4                         | 4                  | 1-3/16 | 19.16          | A          | 41A112             |

\* Has recessed groove in hub for chain clearance.

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (App.) | Stock Finished Bores Includes Keyway & Setscrews |      |     |     |
|-----------|----------------|------------------|------------------|--------------------|--------------------------------------------------|------|-----|-----|
| 9         | 41BS9          | 1.670            | 7/8              | .20                | 1/2*                                             |      |     |     |
| 10        | 41BS10         | 1.840            | 7/8              | .25                | 1/2*                                             | †5/8 | 3/4 |     |
| 11        | 41BS11         | 2.000            | 7/8              | .32                | 1/2*                                             | †5/8 | 3/4 |     |
| 12        | 41BS12         | 2.170            | 7/8              | .33                | 1/2*                                             | 5/8  | 3/4 | 7/8 |
| 13        | 41BS13         | 2.330            | 7/8              | .43                | 1/2*                                             | 5/8  | 3/4 | 7/8 |
| 14        | 41BS14         | 2.490            | 7/8              | .48                | 1/2*                                             | 5/8  | 3/4 | 7/8 |
| 15        | 41BS15         | 2.650            | 7/8              | .59                | 1/2*                                             | 5/8  | 3/4 |     |
| 16        | 41BS16         | 2.810            | 7/8              | .72                |                                                  | 5/8  | 3/4 |     |
| 17        | 41BS17         | 2.980            | 1                | 1.00               |                                                  | 5/8  | 3/4 |     |
| 18        | 41BS18         | 3.140            | 1                | 1.10               |                                                  | 5/8  | 3/4 |     |
| 19        | 41BS19         | 3.300            | 1                | 1.21               |                                                  | 5/8  | 3/4 |     |
| 20        | 41BS20         | 3.460            | 1                | 1.39               |                                                  | 5/8  | 3/4 |     |
| 21        | 41BS21         | 3.620            | 1                | 1.77               |                                                  | 5/8  | 3/4 |     |
| 22        | 41BS22         | 3.780            | 1                | 1.92               |                                                  | 5/8  | 3/4 |     |
| 23        | 41BS23         | 3.940            | 1                | 2.18               |                                                  | 5/8  | 3/4 |     |
| 24        | 41BS24         | 4.100            | 1                | 2.24               |                                                  | 5/8  | 3/4 |     |

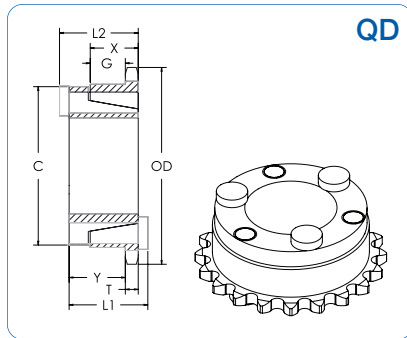
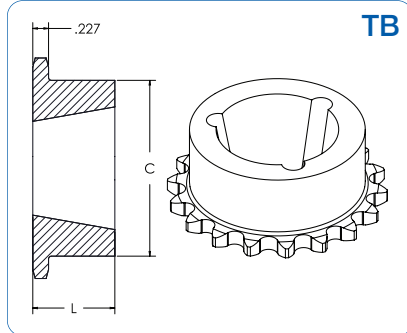
\* Indicates no Keyway. (2) 1/4" Setscrews only in 1/2" Bore. Hub Dia. vary to suit different Bore Sizes

† not needed for the two 5/8's bores

# No. 41 Sprockets

1/2" Pitch – Single – Type “QD” and Type Taper Bushed

## Taper Bushed



| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |        | Type | Weight (App.) |           |
|-----------|----------------|---------|------------------|----------------|-----------|------------|--------|------|---------------|-----------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C      |      | Rim Only      | Bush Only |
| 14        | 41BTB14        | 1008    | 2.490            | 2.249          | 1         | 7/8        | 1-7/8* | B    | .4            | .3        |
| 15        | 41BTB15        | 1008    | 2.650            | 2.405          | 1         | 7/8        | 1-7/8  | B    | .5            | .3        |
| 16        | 41BTB16        | 1008    | 2.813            | 2.503          | 1         | 7/8        | 2      | B    | .6            | .3        |
| 17        | 41BTB17        | 1210    | 2.984            | 2.721          | 1-1/4     | 1          | 2-3/8* | B    | .7            | .6        |
| 18        | 41BTB18        | 1210    | 3.141            | 2.879          | 1-1/4     | 1          | 2-3/8  | B    | .9            | .6        |
| 19        | 41BTB19        | 1210    | 3.296            | 3.038          | 1-1/4     | 1          | 2-1/2  | B    | 1.1           | .6        |
| 20        | 41BTB20        | 1610    | 3.460            | 3.196          | 1-5/8     | 1          | 2-7/8* | B    | 1.1           | .9        |
| 21        | 41BTB21        | 1610    | 3.625            | 3.355          | 1-5/8     | 1          | 3*     | B    | 1.2           | .9        |
| 22        | 41BTB22        | 1610    | 3.781            | 3.573          | 1-5/8     | 1          | 3      | B    | 1.3           | .9        |
| 23        | 41BTB23        | 1610    | 3.938            | 3.672          | 1-5/8     | 1          | 3      | B    | 1.4           | .9        |
| 24        | 41BTB24        | 1610    | 4.100            | 3.831          | 1-5/8     | 1          | 3-1/4  | B    | 1.4           | .9        |
| 25        | 41BTB25        | 1610    | 4.266            | 3.989          | 1-5/8     | 1          | 3-1/4  | B    | 1.5           | .9        |
| 26        | 41BTB26        | 1610    | 4.422            | 4.148          | 1-5/8     | 1          | 3-1/4  | B    | 1.5           | .9        |
| 28        | 41BTB28        | 1610    | 4.740            | 4.466          | 1-5/8     | 1          | 3-1/4  | B    | 1.7           | .9        |
| 30        | 41BTB30        | 1610    | 5.063            | 4.783          | 1-5/8     | 1          | 3-1/4  | B    | 1.8           | .9        |
| 32        | 41BTB32        | 1610    | 5.375            | 5.101          | 1-5/8     | 1          | 3-1/4  | B    | 1.9           | .9        |
| 35        | 41BTB35        | 1610    | 5.859            | 5.578          | 1-5/8     | 1          | 3-1/4  | B    | 2.3           | .9        |
| 36        | 41BTB36        | 1610    | 6.020            | 5.737          | 1-5/8     | 1          | 3-1/4  | B    | 2.4           | .9        |
| 40        | 41BTB40        | 1610    | 6.656            | 6.373          | 1-5/8     | 1          | 3-1/4  | B    | 2.7           | .9        |
| 45        | 41BTB45        | 1610    | 7.453            | 7.168          | 1-5/8     | 1          | 3-1/4  | B    | 3.5           | .9        |
| 48        | 41BTB48        | 1610    | 7.930            | 7.645          | 1-5/8     | 1          | 3-1/4  | B    | 4.1           | .9        |
| 54        | 41BTB54        | 1610    | 8.891            | 8.599          | 1-5/8     | 1          | 3-1/4  | B    | 4.9           | .9        |
| 60        | 41BTB60        | 1610    | 9.844            | 9.554          | 1-5/8     | 1          | 3-1/4  | B    | 5.7           | .9        |
| 70        | 41BTB70        | 1610    | 11.438           | 11.145         | 1-5/8     | 1          | 3-1/4  | B    | 7.4           | .9        |
| 72        | 41BTB72        | 1610    | 11.750           | 11.463         | 1-5/8     | 1          | 3-1/4  | B    | 8.2           | .9        |
| 80        | 41BTB80        | 1610    | 13.031           | 12.736         | 1-5/8     | 1          | 3-1/4  | B    | 9.6           | .9        |
| 96        | 41BTB96        | 1610    | 15.570           | 15.281         | 1-5/8     | 1          | 3-1/4  | B    | 13.1          | .9        |

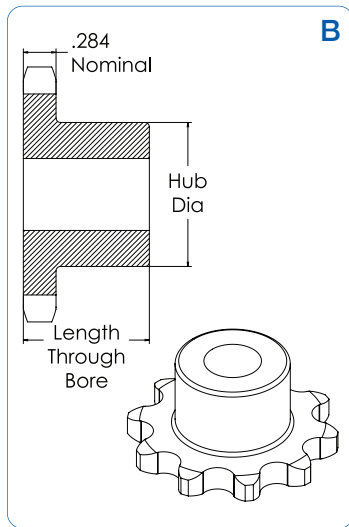
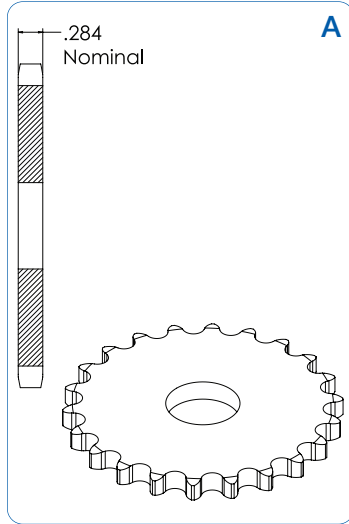
\* Has Recessed groove in hub for chain clearance.

## QD

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions     |                |         |         |        |       |      | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|------|-----------|----------------|----------------|---------|---------|--------|-------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C       | Y       | G      | X     | T    | With Hub      | Rim Only |
| 15        | 41JA15         | JA      | 2.650            | 2.405          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 49/64   | 25/64  | 5/8   | .227 | 1.22          | .32      |
| 16        | 41JA16         | JA      | 2.810            | 2.563          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 49/64   | 25/64  | 5/8   | .227 | 1.30          | .40      |
| 17        | 41JA17         | JA      | 2.980            | 2.721          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 49/64   | 25/64  | 5/8   | .227 | 1.40          | .50      |
| 18        | 41JA18         | JA      | 3.140            | 2.879          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 49/64   | 25/64  | 5/8   | .227 | 1.50          | .60      |
| 19        | 41JA19         | JA      | 3.300            | 3.038          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 49/64   | 25/64  | 5/8   | .227 | 1.58          | .68      |
| 20        | 41SH20         | SH      | 3.460            | 3.196          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 1-1/32  | 37/64  | 13/16 | .227 | 1.78          | .78      |
| 21        | 41SH21         | SH      | 3.620            | 3.355          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 1-1/32  | 37/64  | 13/16 | .227 | 1.82          | .82      |
| 22        | 41SH22         | SH      | 3.780            | 3.513          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 1-1/32  | 37/64  | 13/16 | .227 | 2.06          | 1.06     |
| 23        | 41SH23         | SH      | 3.940            | 3.672          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 1-1/32  | 37/64  | 13/16 | .227 | 2.14          | 1.14     |
| 24        | 41SH24         | SH      | 4.100            | 3.831          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 1-1/32  | 37/64  | 13/16 | .227 | 2.16          | 1.16     |
| 25        | 41SH25         | SH      | 4.260            | 3.989          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 1-1/32  | 37/64  | 13/16 | .227 | 2.22          | 1.22     |
| 26        | 41SH26         | SH      | 4.420            | 4.148          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 1-1/32  | 37/64  | 13/16 | .227 | 2.26          | 1.26     |
| 27        | 41SH27         | SH      | 4.580            | 4.307          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 1-1/32  | 37/64  | 13/16 | .227 | 2.40          | 1.40     |
| 28        | 41SH28         | SH      | 4.740            | 4.466          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 1-1/32  | 37/64  | 13/16 | .227 | 2.54          | 1.54     |
| 30        | 41SH30         | SH      | 5.060            | 4.783          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 1-1/32  | 37/64  | 13/16 | .227 | 2.58          | 1.58     |
| 32        | 41SH32         | SH      | 5.380            | 5.101          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 1-1/32  | 37/64  | 13/16 | .227 | 2.68          | 1.68     |
| 35        | 41SH35         | SH      | 5.860            | 5.578          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 1-1/32  | 37/64  | 13/16 | .227 | 3.46          | 2.47     |
| 36        | 41SDS36        | SDS     | 6.020            | 5.737          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-3/32  | 17/32  | 3/4   | .227 | 2.92          | 1.92     |
| 40        | 41SDS40        | SDS     | 6.650            | 6.373          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-3/32  | 17/32  | 3/4   | .227 | 3.32          | 2.32     |
| 42        | 41SDS42        | SDS     | 6.970            | 6.691          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-3/32  | 17/32  | 3/4   | .227 | 3.44          | 2.44     |
| 45        | 41SDS45        | SDS     | 7.450            | 7.168          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-3/32  | 17/32  | 3/4   | .227 | 3.76          | 2.76     |
| 48        | 41SDS48        | SDS     | 7.930            | 7.645          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-3/32  | 17/32  | 3/4   | .227 | 4.36          | 3.36     |
| 54        | 41SDS54        | SDS     | 8.890            | 8.599          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-3/32  | 17/32  | 3/4   | .227 | 4.98          | 3.98     |
| 60        | 41SDS60        | SDS     | 9.840            | 9.554          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-3/32  | 17/32  | 3/4   | .227 | 6.54          | 5.54     |
| 70        | 41SK70         | SK      | 11.430           | 11.145         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-41/64 | 1-1/32 | 1-1/4 | .227 | 9.42          | 7.42     |
| 72        | 41SK72         | SK      | 11.750           | 11.463         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-41/64 | 1-1/32 | 1-1/4 | .227 | 10.02         | 8.02     |
| 80        | 41SK80         | SK      | 13.030           | 12.736         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-41/64 | 1-1/32 | 1-1/4 | .227 | 11.64         | 9.64     |
| 84        | 41SK84         | SK      | 13.660           | 13.372         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-41/64 | 1-1/32 | 1-1/4 | .227 | 12.40         | 10.40    |
| 96        | 41SK96         | SK      | 15.570           | 15.281         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-41/64 | 1-1/32 | 1-1/4 | .227 | 14.82         | 12.82    |
| 112       | 41SK112        | SK      | 18.120           | 17.828         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-41/64 | 1-1/32 | 1-1/4 | .227 | 19.28         | 17.28    |

## No. 40 Sprockets

1/2" Pitch – Single –  
Types A and B



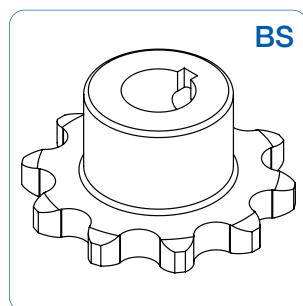
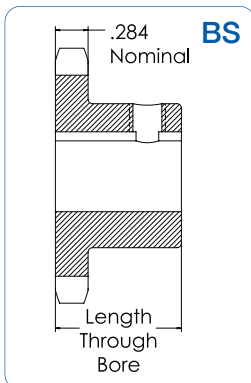
| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Weight Lbs. (App.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|--------------------|------|----------------|------------|--------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                    |      |                |            |                    |
| 8         | 40B8           | 1.500            | B    | 1/2           | 1/2       | 31/32*       | 7/8         | .18                |      |                |            |                    |
| 9         | 40B9           | 1.670            | B    | 1/2           | 9/16      | 1-1/16*      | 7/8         | .20                |      |                |            |                    |
| 10        | 40B10          | 1.840            | B    | 1/2           | 3/4       | 1-1/4*       | 7/8         | .27                |      |                |            |                    |
| 11        | 40B11          | 2.000            | B    | 1/2           | 7/8       | 1-3/8*       | 7/8         | .35                |      |                |            |                    |
| 12        | 40B12          | 2.170            | B    | 1/2           | 1         | 1-9/16*      | 7/8         | .45                | A    | 40A12          | 1/2        | .18                |
| 13        | 40B13          | 2.330            | B    | 1/2           | 1-1/16    | 1-9/16       | 7/8         | .50                | A    | 40A13          | 1/2        | .22                |
| 14        | 40B14          | 2.490            | B    | 1/2           | 1-1/8     | 1-11/16      | 7/8         | .59                | A    | 40A14          | 1/2        | .26                |
| 15        | 40B15          | 2.650            | B    | 1/2           | 1-1/4     | 1-13/16      | 7/8         | .70                | A    | 40A15          | 5/8        | .30                |
| 16        | 40B16          | 2.810            | B    | 5/8           | 1-3/8     | 2            | 7/8         | .79                | A    | 40A16          | 5/8        | .34                |
| 17        | 40B17          | 2.980            | B    | 5/8           | 1-7/16    | 2-1/8        | 1           | 1.04               | A    | 40A17          | 5/8        | .36                |
| 18        | 40B18          | 3.140            | B    | 5/8           | 1-1/2     | 2-5/16       | 1           | 1.22               | A    | 40A18          | 5/8        | .44                |
| 19        | 40B19          | 3.300            | B    | 5/8           | 1-3/4     | 2-1/2        | 1           | 1.43               | A    | 40A19          | 5/8        | .46                |
| 20        | 40B20          | 3.460            | B    | 5/8           | 1-7/8     | 2-5/8        | 1           | 1.56               | A    | 40A20          | 5/8        | .56                |
| 21        | 40B21          | 3.620            | B    | 5/8           | 1-7/8     | 2-3/4        | 1           | 1.73               | A    | 40A21          | 5/8        | .58                |
| 22        | 40B22          | 3.780            | B    | 5/8           | 1-7/8     | 2-7/8        | 1           | 1.96               | A    | 40A22          | 5/8        | .66                |
| 23        | 40B23          | 3.940            | B    | 5/8           | 2         | 3            | 1           | 2.13               | A    | 40A23          | 5/8        | .72                |
| 24        | 40B24          | 4.100            | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.41               | A    | 40A24          | 5/8        | .82                |
| 25        | 40B25          | 4.260            | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.54               | A    | 40A25          | 5/8        | .88                |
| 26        | 40B26          | 4.420            | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.58               | A    | 40A26          | 5/8        | .94                |
| 27        | 40B27          | 4.580            | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.66               | A    | 40A27          | 5/8        | .98                |
| 28        | 40B28          | 4.740            | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.73               | A    | 40A28          | 5/8        | 1.10               |
| 29        |                | 4.900            |      |               |           |              |             |                    | A    | 40A29          | 5/8        | 1.22               |
| 30        | 40B30          | 5.060            | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.98               | A    | 40A30          | 19/32      | 1.26               |
| 31        |                | 5.220            |      |               |           |              |             |                    | A    | 40A31          | 19/32      | 1.40               |
| 32        | 40B32          | 5.380            | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 3.16               | A    | 40A32          | 19/32      | 1.48               |
| 33        | 40B33          | 5.540            | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 3.22               | A    | 40A33          | 19/32      | 1.56               |
| 34        | 40B34          | 5.700            | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 3.30               | A    | 40A34          | 19/32      | 1.64               |
| 35        | 40B35          | 5.860            | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 3.46               | A    | 40A35          | 19/32      | 1.70               |
| 36        | 40B36          | 6.020            | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 3.58               | A    | 40A36          | 19/32      | 1.84               |
| 37        |                | 6.180            |      |               |           |              |             |                    | A    | 40A37          | 19/32      | 1.92               |
| 38        | 40B38          | 6.330            | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 3.70               | A    | 40A38          | 19/32      | 2.00               |
| 39        |                | 6.490            |      |               |           |              |             |                    | A    | 40A39          | 19/32      | 2.02               |
| 40        | 40B40          | 6.650            | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 4.69               | A    | 40A40          | 23/32      | 2.22               |
| 41        | 40B41          | 6.810            | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 4.76               | A    | 40A41          | 23/32      | 2.42               |
| 42        | 40B42          | 6.970            | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 4.82               | A    | 40A42          | 23/32      | 2.50               |
| 43        |                | 7.130            |      |               |           |              |             |                    | A    | 40A43          | 23/32      | 2.80               |
| 44        |                | 7.290            |      |               |           |              |             |                    | A    | 40A44          | 23/32      | 2.85               |
| 45        | 40B45          | 7.450            | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 5.30               | A    | 40A45          | 23/32      | 3.15               |
| 46        |                | 7.610            |      |               |           |              |             |                    | A    | 40A46          | 23/32      | 3.26               |
| 47        | 40B47          | 7.770            | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 5.44               | A    | 40A47          | 23/32      | 3.32               |
| 48        | 40B48          | 7.930            | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 5.84               | A    | 40A48          | 23/32      | 3.22               |
| 49        |                | 8.090            |      |               |           |              |             |                    | A    | 40A49          | 23/32      | 3.44               |
| 50        | 40B50          | 8.250            | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 5.96               | A    | 40A50          | 23/32      | 3.62               |
| 51        |                | 8.410            |      |               |           |              |             |                    | A    | 40A51          | 23/32      | 3.94               |
| 52        |                | 8.570            |      |               |           |              |             |                    | A    | 40A52          | 23/32      | 4.08               |
| 53        |                | 8.730            |      |               |           |              |             |                    | A    | 40A53          | 23/32      | 4.04               |
| 54        | 40B54          | 8.890            | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 6.42               | A    | 40A54          | 23/32      | 4.44               |
| 55        |                | 9.040            |      |               |           |              |             |                    | A    | 40A55          | 23/32      | 4.54               |
| 56        |                | 9.200            |      |               |           |              |             |                    | A    | 40A56          | 23/32      | 4.84               |
| 57        |                | 9.360            |      |               |           |              |             |                    | A    | 40A57          | 23/32      | 5.00               |
| 58        |                | 9.520            |      |               |           |              |             |                    | A    | 40A58          | 23/32      | 5.12               |
| 59        |                | 9.680            |      |               |           |              |             |                    | A    | 40A59          | 23/32      | 5.30               |
| 60        | 40B60          | 9.840            | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 7.86               | A    | 40A60          | 23/32      | 5.48               |
| 70        | 40B70          | 11.430           | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 11.00              | A    | 40A70          | 23/32      | 7.24               |
| 72        | 40B72          | 11.750           | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 11.50              | A    | 40A72          | 23/32      | 7.74               |
| 80        | 40B80          | 13.030           | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 13.40              | A    | 40A80          | 23/32      | 10.20              |
| 84        | 40B84          | 13.660           | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 14.04              | A    | 40A84          | 23/32      | 10.07              |
| 96        | 40B96          | 15.570           | B    | 1             | 2-3/4     | 4            | 1-1/4       | 17.56              | A    | 40A96          | 15/16      | 12.15              |
| 112       | 40B112         | 18.120           | B    | 1             | 2-3/4     | 4            | 1-1/4       | 22.56              | A    | 40A112         | 15/16      | 20.00              |

\* Has recessed groove in hub for chain clearance.

# No. 40 Sprockets

1/2" Pitch – Single – Type “BS” and Type “BS” with Hardened Teeth

## BS



| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (App.) | Stock Finished Bores<br>Includes Keyway & Setscrews |     |     |     |   |       |        |       |       |              |
|-----------|----------------|------------------|------------------|--------------------|-----------------------------------------------------|-----|-----|-----|---|-------|--------|-------|-------|--------------|
| 9         | 40BS9          | 1.670            | 7/8              | .16                | *1/2                                                | 5/8 |     |     |   |       |        |       |       |              |
| 10        | 40BS10         | 1.840            | 7/8              | .24                | *1/2                                                | 5/8 | 3/4 |     |   |       |        |       |       |              |
| 11        | 40BS11         | 2.000            | 7/8              | .28                | *1/2                                                | 5/8 | 3/4 | 7/8 |   |       |        |       |       |              |
| 12        | 40BS12         | 2.170            | 7/8              | .34                | *1/2                                                | 5/8 | 3/4 | 7/8 | 1 |       |        |       |       |              |
| 13        | 40BS13         | 2.330            | 7/8              | .45                | *1/2                                                | 5/8 | 3/4 | 7/8 | 1 |       |        |       |       |              |
| 14        | 40BS14         | 2.490            | 7/8              | .51                | *1/2                                                | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 |        |       |       |              |
| 15        | 40BS15         | 2.650            | 7/8              | .53                | *1/2                                                | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       |              |
| 16        | 40BS16         | 2.810            | 7/8              | .66                |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       |              |
| 17        | 40BS17         | 2.980            | 1                | .88                |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       |              |
| 18        | 40BS18         | 3.140            | 1                | 1.03               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 19        | 40BS19         | 3.296            | 1                | 1.17               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 20        | 40BS20         | 3.460            | 1                | 1.33               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 21        | 40BS21         | 3.620            | 1                | 1.53               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 22        | 40BS22         | 3.780            | 1                | 1.66               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 23        | 40BS23         | 3.940            | 1                | 1.92               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 24        | 40BS24         | 4.100            | 1                | 2.10               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 25        | 40BS25         | 4.260            | 1                | 2.22               |                                                     |     | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       | 1-7/16 1-1/2 |
| 26        | 40BS26         | 4.420            | 1                | 2.34               |                                                     |     | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       | 1-7/16 1-1/2 |
| 28        | 40BS28         | 4.740            | 1                | 2.50               |                                                     |     | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       | 1-7/16 1-1/2 |
| 30        | 40BS30         | 5.060            | 1                | 2.70               |                                                     |     | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       | 1-7/16 1-1/2 |
| 32        | 40BS32         | 5.380            | 1                | 3.00               |                                                     |     | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       | 1-7/16 1-1/2 |
| 35        | 40BS35         | 5.860            | 1                | 3.20               |                                                     |     | 3/4 |     | 1 |       |        | 1-1/4 |       | 1-7/16 1-1/2 |
| 36        | 40BS36         | 6.020            | 1                | 3.70               |                                                     |     | 3/4 |     | 1 |       |        | 1-1/4 |       | 1-7/16 1-1/2 |
| 40        | 40BS40         | 6.650            | 1-1/8            | 4.28               |                                                     |     |     |     | 1 |       |        | 1-1/4 |       | 1-7/16 1-1/2 |
| 45        | 40BS45         | 7.450            | 1-1/8            | 5.06               |                                                     |     |     |     | 1 |       |        | 1-1/4 |       | 1-7/16 1-1/2 |
| 60        | 40BS60         | 9.840            | 1-1/8            | 7.09               |                                                     |     |     |     | 1 |       |        | 1-1/4 |       | 1-7/16 1-1/2 |

\* Indicates no Keyway. 2-1/4" Setscrews only in 1/2" Bore.

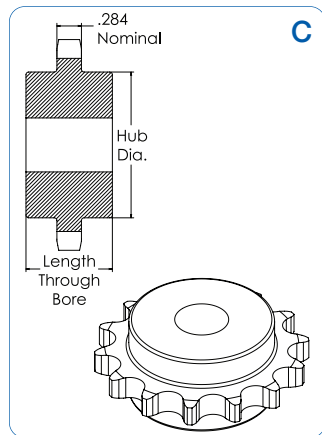
## BS - Hardened Teeth

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (App.) | Stock Finished Bores<br>Includes Keyway & Setscrews |     |     |     |   |       |        |       |       |              |
|-----------|----------------|------------------|------------------|--------------------|-----------------------------------------------------|-----|-----|-----|---|-------|--------|-------|-------|--------------|
| 9         | 40BS9HT        | 1.670            | 7/8              | .16                | *1/2                                                | 5/8 |     |     |   |       |        |       |       |              |
| 10        | 40BS10HT       | 1.840            | 7/8              | .24                | *1/2                                                | 5/8 | 3/4 |     |   |       |        |       |       |              |
| 11        | 40BS11HT       | 2.000            | 7/8              | .28                | *1/2                                                | 5/8 | 3/4 | 7/8 |   |       |        |       |       |              |
| 12        | 40BS12HT       | 2.170            | 7/8              | .34                | *1/2                                                | 5/8 | 3/4 | 7/8 | 1 |       |        |       |       |              |
| 13        | 40BS13HT       | 2.330            | 7/8              | .45                | *1/2                                                | 5/8 | 3/4 | 7/8 | 1 |       |        |       |       |              |
| 14        | 40BS14HT       | 2.490            | 7/8              | .51                | *1/2                                                | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 |        |       |       |              |
| 15        | 40BS15HT       | 2.650            | 7/8              | .53                | *1/2                                                | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       |              |
| 16        | 40BS16HT       | 2.810            | 7/8              | .66                |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       |              |
| 17        | 40BS17HT       | 2.980            | 1                | .88                |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       |              |
| 18        | 40BS18HT       | 3.140            | 1                | 1.03               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 19        | 40BS19HT       | 3.296            | 1                | 1.17               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 20        | 40BS20HT       | 3.460            | 1                | 1.33               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 21        | 40BS21HT       | 3.620            | 1                | 1.53               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 22        | 40BS22HT       | 3.780            | 1                | 1.66               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 23        | 40BS23HT       | 3.940            | 1                | 1.92               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 24        | 40BS24HT       | 4.100            | 1                | 2.10               |                                                     | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 1-1/2 |
| 25        | 40BS25HT       | 4.260            | 1                | 2.22               |                                                     |     | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       | 1-7/16 1-1/2 |
| 26        | 40BS26HT       | 4.420            | 1                | 2.34               |                                                     |     | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       | 1-7/16 1-1/2 |
| 28        | 40BS28HT       | 4.740            | 1                | 2.50               |                                                     |     | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       | 1-7/16 1-1/2 |
| 30        | 40BS30HT       | 5.060            | 1                | 2.70               |                                                     |     | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |       | 1-7/16 1-1/2 |

\* Indicates no Keyway. 2-1/4" Setscrews only in 1/2" Bore.

## No. 40 Sprockets

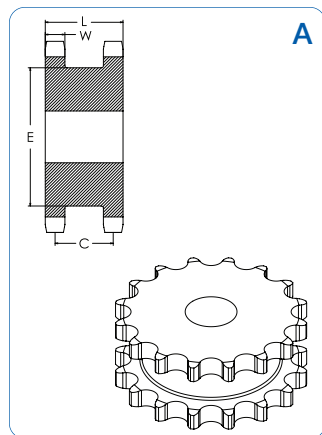
1/2" Pitch – Single – Type C, Double Single-Type A, and Double Single-Taper Bushed



### Type C

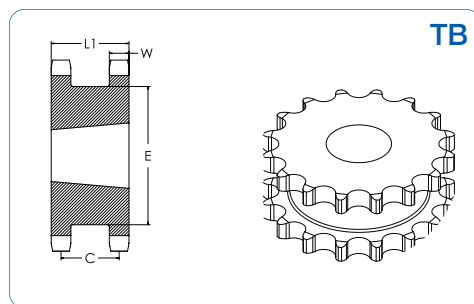
| No. Teeth | Catalog Number | Outside Diameter | Bore Inches |           | Hub Inches |        | Weight Lbs. (App.) |
|-----------|----------------|------------------|-------------|-----------|------------|--------|--------------------|
|           |                |                  | Stock       | Rec. Max. | Dia.       | Length |                    |
| 12        | 40C12          | 2.170            | 1/2         | 1         | 1-39/64*   | 1-1/2  | .75                |
| 13        | 40C13          | 2.330            | 1/2         | 1-1/16    | 1-3/4      | 1-1/2  | .94                |
| 14        | 40C14          | 2.490            | 1/2         | 1-1/8     | 1-11/16    | 1-1/2  | .91                |
| 15        | 40C15          | 2.650            | 1/2         | 1-1/4     | 1-7/8      | 1-1/2  | 1.19               |
| 16        | 40C16          | 2.810            | 1/2         | 1-3/8     | 2          | 1-1/2  | 1.34               |
| 17        | 40C17          | 2.980            | 5/8         | 1-7/16    | 2-1/8      | 1-1/2  | 1.5                |
| 18        | 40C18          | 3.140            | 5/8         | 1-1/2     | 2-5/16     | 1-1/2  | 1.8                |

\* Has recessed groove in hub for chain clearance.



### Double Single – Type A

| No. Teeth | Catalog Number | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions |       |         |        | Wt. Approx. |
|-----------|----------------|------------------|----------------|-----------|-----------|------|------------|-------|---------|--------|-------------|
|           |                | Outside Diameter | Pitch Diameter |           |           |      | L          | C     | E       | W Nom. |             |
| 15        | DS40A15        | 2.650            | 2.405          | 1/2       | 1-1/4     | A    | 1-13/32    | 1-1/8 | 1-13/16 | .284   | 1.2         |
| 16        | DS40A16        | 2.810            | 2.563          | 1/2       | 1-1/4     | A    | 1-13/32    | 1-1/8 | 2       | .284   | 1.4         |
| 17        | DS40A17        | 2.980            | 2.721          | 1/2       | 1-5/16    | A    | 1-13/32    | 1-1/8 | 2-1/8   | .284   | 1.6         |
| 18        | DS40A18        | 3.140            | 2.879          | 1/2       | 1-1/2     | A    | 1-13/32    | 1-1/8 | 2-5/16  | .284   | 1.8         |
| 19        | DS40A19        | 3.300            | 3.038          | 5/8       | 1-11/16   | A    | 1-13/32    | 1-1/8 | 2-1/2   | .284   | 2.2         |
| 20        | DS40A20        | 3.460            | 3.196          | 5/8       | 1-3/4     | A    | 1-13/32    | 1-1/8 | 2-5/8   | .284   | 2.6         |
| 21        | DS40A21        | 3.620            | 3.355          | 5/8       | 1-3/4     | A    | 1-13/32    | 1-1/8 | 2-15/16 | .284   | 2.9         |
| 22        | DS40A22        | 3.780            | 3.513          | 5/8       | 1-13/16   | A    | 1-13/32    | 1-1/8 | 2-15/16 | .284   | 3.0         |
| 23        | DS40A23        | 3.940            | 3.672          | 5/8       | 2-1/16    | A    | 1-13/32    | 1-1/8 | 3-3/32  | .284   | 3.5         |
| 24        | DS40A24        | 4.100            | 3.831          | 5/8       | 2-1/4     | A    | 1-13/32    | 1-1/8 | 3-17/64 | .284   | 4.0         |



### TB

### Double Single – Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions     |       |         |        | Wt. Rim Only |
|-----------|----------------|---------|------------------|----------------|-----------|-----------|------|----------------|-------|---------|--------|--------------|
|           |                |         | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub> | C     | E       | W Nom. |              |
| 19        | DS40ATB19H     | 1215    | 3.300            | 3.038          | 1/2       | 1-1/4     | A    | 1-13/32        | 1-1/8 | 2-1/2   | .284   | 1.1          |
| 20        | DS40ATB20H     | 1215    | 3.460            | 3.196          | 1/2       | 1-1/4     | A    | 1-13/32        | 1-1/8 | 2-5/8   | .284   | 1.3          |
| 21        | DS40ATB21H     | 1615    | 3.620            | 3.355          | 1/2       | 1-5/8     | A    | 1-13/32        | 1-1/8 | 2-25/32 | .284   | 1.3          |
| 23        | DS40ATB23H     | 1615    | 3.940            | 3.672          | 1/2       | 1-5/8     | A    | 1-13/32        | 1-1/8 | 3-3/32  | .284   | 1.5          |
| 24        | DS40ATB24H     | 1615    | 4.100            | 3.831          | 1/2       | 1-5/8     | A    | 1-13/32        | 1-1/8 | 3-17/64 | .284   | 1.7          |

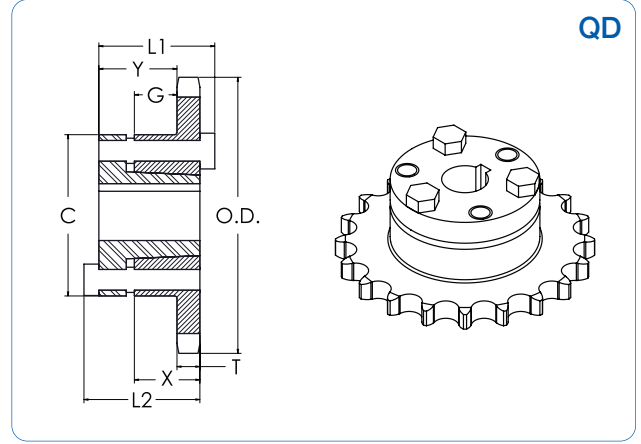


# No. 40 Sprockets

1/2" Pitch – Single – Type “QD” and Type “QD” with Hardened Teeth

## QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 15        | 40JA15 H       |
| 16        | 40JA16 H       |
| 17        | 40JA17 H       |
| 18        | 40JA18 H       |
| 19        | 40JA19 H       |
| 20        | 40SH20 H       |
| 21        | 40SH21 H       |
| 22        | 40SH22 H       |
| 23        | 40SH23 H       |
| 24        | 40SH24 H       |
| 25        | 40SH25 H       |
| 26        | 40SH26 H       |
| 27        | 40SH27 H       |
| 28        | 40SH28 H       |
| 30        | 40SH30 H       |



## QD

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions     |                |         |         |       |       |      | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|------|-----------|----------------|----------------|---------|---------|-------|-------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C       | Y       | G     | X     | T    | With Hub      | Rim Only |
| 15        | 40JA15         | JA      | 2.650            | 2.405          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 23/32   | 11/32 | 5/8   | .284 | 1.24          | .34      |
| 16        | 40JA16         | JA      | 2.810            | 2.563          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 23/32   | 11/32 | 5/8   | .284 | 1.30          | .40      |
| 17        | 40JA17         | JA      | 2.980            | 2.721          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 23/32   | 11/32 | 5/8   | .284 | 1.38          | .48      |
| 18        | 40JA18         | JA      | 3.140            | 2.879          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 23/32   | 11/32 | 5/8   | .284 | 1.44          | .54      |
| 19        | 40JA19         | JA      | 3.300            | 3.038          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 23/32   | 11/32 | 5/8   | .284 | 1.50          | .60      |
| 20        | 40SH20         | SH      | 3.460            | 3.196          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 31/32   | 17/32 | 13/16 | .284 | 1.76          | .76      |
| 21        | 40SH21         | SH      | 3.620            | 3.355          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 31/32   | 17/32 | 13/16 | .284 | 1.84          | .84      |
| 22        | 40SH22         | SH      | 3.780            | 3.513          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 31/32   | 17/32 | 13/16 | .284 | 1.92          | .92      |
| 23        | 40SH23         | SH      | 3.940            | 3.672          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 31/32   | 17/32 | 13/16 | .284 | 2.14          | 1.14     |
| 24        | 40SH24         | SH      | 4.100            | 3.831          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 31/32   | 17/32 | 13/16 | .284 | 2.22          | 1.22     |
| 25        | 40SH25         | SH      | 4.260            | 3.989          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 31/32   | 17/32 | 13/16 | .284 | 2.30          | 1.30     |
| 26        | 40SH26         | SH      | 4.420            | 4.148          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 31/32   | 17/32 | 13/16 | .284 | 2.44          | 1.44     |
| 27        | 40SH27         | SH      | 4.580            | 4.307          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 31/32   | 17/32 | 13/16 | .284 | 2.46          | 1.46     |
| 28        | 40SH28         | SH      | 4.740            | 4.466          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 31/32   | 17/32 | 13/16 | .284 | 2.54          | 1.54     |
| 30        | 40SH30         | SH      | 5.060            | 4.783          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 31/32   | 17/32 | 13/16 | .284 | 2.72          | 1.72     |
| 32        | 40SH32         | SH      | 5.380            | 5.101          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 31/32   | 17/32 | 13/16 | .284 | 2.90          | 1.90     |
| 35        | 40SH35         | SH      | 5.860            | 5.578          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 3       | 31/32   | 17/32 | 13/16 | .284 | 3.22          | 2.22     |
| 36        | 40SDS36        | SDS     | 6.020            | 5.737          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-1/32  | 15/32 | 3/4   | .284 | 3.20          | 2.20     |
| 40        | 40SDS40        | SDS     | 6.650            | 6.373          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-3/32  | 15/32 | 3/4   | .284 | 3.72          | 2.72     |
| 42        | 40SDS42        | SDS     | 6.970            | 6.691          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-3/32  | 15/32 | 3/4   | .284 | 3.92          | 2.92     |
| 45        | 40SDS45        | SDS     | 7.450            | 7.168          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-3/32  | 15/32 | 3/4   | .284 | 4.32          | 3.32     |
| 48        | 40SDS48        | SDS     | 7.930            | 7.645          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-3/32  | 15/32 | 3/4   | .284 | 4.70          | 3.70     |
| 54        | 40SDS54        | SDS     | 8.890            | 8.599          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-3/32  | 15/32 | 3/4   | .284 | 5.78          | 4.78     |
| 60        | 40SDS60        | SDS     | 9.840            | 9.554          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 1-3/32  | 15/32 | 3/4   | .284 | 6.86          | 5.86     |
| 70        | 40SK70         | SK      | 11.430           | 11.145         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-19/32 | 31/32 | 1-1/4 | .284 | 10.68         | 8.68     |
| 72        | 40SK72         | SK      | 11.750           | 11.463         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-19/32 | 31/32 | 1-1/4 | .284 | 10.84         | 8.84     |
| 80        | 40SK80         | SK      | 13.030           | 12.736         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-19/32 | 31/32 | 1-1/4 | .284 | 13.20         | 11.20    |
| 84        | 40SK84         | SK      | 13.660           | 13.372         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-19/32 | 31/32 | 1-1/4 | .284 | 13.56         | 11.56    |
| 96        | 40SK96         | SK      | 15.570           | 15.281         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-19/32 | 31/32 | 1-1/4 | .284 | 17.76         | 15.76    |
| 112       | 40SK112        | SK      | 18.120           | 17.828         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-19/32 | 31/32 | 1-1/4 | .284 | 22.28         | 20.28    |

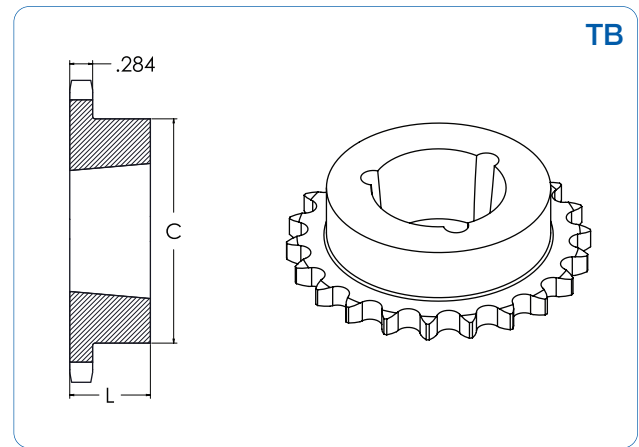


## No. 40 Sprockets

1/2" Pitch – Single – Type Taper Bushed and Taper Bushed with Hardened Teeth

## Taper Bushed With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 14        | 40BTB14 H      |
| 15        | 40BTB15 H      |
| 16        | 40BTB16 H      |
| 17        | 40BTB17 H      |
| 18        | 40BTB18 H      |
| 19        | 40BTB19 H      |
| 20        | 40BTB20 H      |
| 21        | 40BTB21 H      |
| 22        | 40BTB22 H      |
| 23        | 40BTB23 H      |
| 24        | 40BTB24 H      |
| 25        | 40BTB25 H      |
| 26        | 40BTB26 H      |
| 28        | 40BTB28 H      |
| 30        | 40BTB30 H      |



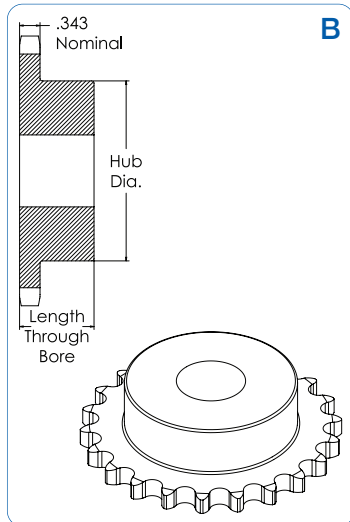
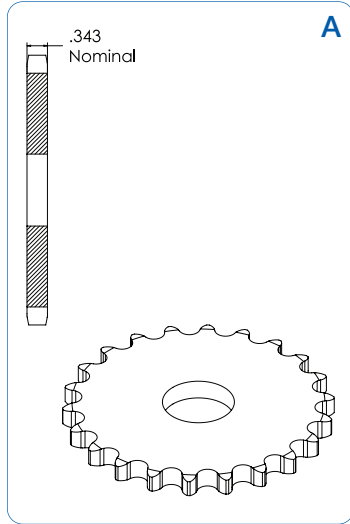
## Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |          | Type | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|-----------|------------|----------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C        |      | With Hub      | Rim Only |
| 14        | 40BTB14        | 1008    | 2.491            | 2.247          | 1         | 7/8        | 1-13/16* | B    | .3            | .3       |
| 15        | 40BTB15        | 1008    | 2.652            | 2.405          | 1         | 7/8        | 1-13/16  | B    | .4            | .3       |
| 16        | 40BTB16        | 1008    | 2.814            | 2.563          | 1         | 7/8        | 1-15/16  | B    | .5            | .3       |
| 17        | 40BTB17        | 1210    | 2.975            | 2.721          | 1-1/4     | 1          | 2-3/8*   | B    | .5            | .3       |
| 18        | 40BTB18        | 1210    | 3.135            | 2.879          | 1-1/4     | 1          | 2-15/32* | B    | .6            | .6       |
| 19        | 40BTB19        | 1210    | 3.296            | 3.038          | 1-1/4     | 1          | 2-15/32  | B    | .7            | .6       |
| 20        | 40BTB20        | 1610    | 3.457            | 3.196          | 1-5/8     | 1          | 2-25/32* | B    | .7            | .9       |
| 21        | 40BTB21        | 1610    | 3.617            | 3.355          | 1-5/8     | 1          | 2-25/32  | B    | .8            | .9       |
| 22        | 40BTB22        | 1610    | 3.778            | 3.513          | 1-5/8     | 1          | 2-25/32  | B    | .9            | .9       |
| 23        | 40BTB23        | 1610    | 3.938            | 3.672          | 1-5/8     | 1          | 3        | B    | 1.0           | .9       |
| 24        | 40BTB24        | 1610    | 4.098            | 3.831          | 1-5/8     | 1          | 3-1/4    | B    | 1.4           | .9       |
| 25        | 40BTB25        | 1610    | 4.258            | 3.989          | 1-5/8     | 1          | 3-1/4    | B    | 1.5           | .9       |
| 26        | 40BTB26        | 1610    | 4.418            | 4.148          | 1-5/8     | 1          | 3-1/4    | B    | 1.7           | .9       |
| 28        | 40BTB28        | 1610    | 4.738            | 4.466          | 1-5/8     | 1          | 3        | B    | 1.8           | .9       |
| 30        | 40BTB30        | 1610    | 5.057            | 4.783          | 1-5/8     | 1          | 3        | B    | 1.9           | .9       |
| 32        | 40BTB32        | 1610    | 5.377            | 5.101          | 1-5/8     | 1          | 3        | B    | 1.9           | .9       |
| 35        | 40BTB35        | 1610    | 5.855            | 5.578          | 1-5/8     | 1          | 3        | B    | 2.3           | .9       |
| 36        | 40BTB36        | 1610    | 6.015            | 5.737          | 1-5/8     | 1          | 3        | B    | 2.4           | .9       |
| 40        | 40BTB40        | 1610    | 6.653            | 6.373          | 1-5/8     | 1          | 3        | B    | 2.8           | .9       |
| 42        | 40BTB42        | 1610    | 6.972            | 6.691          | 1-5/8     | 1          | 3        | B    | 2.9           | .9       |
| 45        | 40BTB45        | 1610    | 7.451            | 7.168          | 1-5/8     | 1          | 3        | B    | 3.5           | .9       |
| 48        | 40BTB48        | 1610    | 7.928            | 7.645          | 1-5/8     | 1          | 3        | B    | 4.0           | .9       |
| 54        | 40BTB54        | 1610    | 8.885            | 8.599          | 1-5/8     | 1          | 3        | B    | 4.9           | .9       |
| 60        | 40BTB60        | 1610    | 9.841            | 9.554          | 1-5/8     | 1          | 3        | B    | 6.0           | .9       |
| 70        | 40BTB70        | 2012    | 11.434           | 11.145         | 2         | 1-1/4      | 3-9/16   | B    | 8.2           | 1.7      |
| 72        | 40BTB72        | 2012    | 11.752           | 11.463         | 2         | 1-1/4      | 3-9/16   | B    | 9.0           | 1.7      |
| 80        | 40BTB80        | 2012    | 13.026           | 12.736         | 2         | 1-1/4      | 3-9/16   | B    | 10.8          | 1.7      |
| 84        | 40BTB84        | 2012    | 13.663           | 13.372         | 2         | 1-1/4      | 3-9/16   | B    | 11.3          | 1.7      |
| 96        | 40BTB96        | 2012    | 15.573           | 15.282         | 2         | 1-1/4      | 3-9/16   | B    | 14.6          | 1.7      |
| 112       | 40BTB112       | 2517    | 18.122           | 17.828         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 20.5          | 1.7      |

\* Has recessed groove in hub for chain clearance.

# No. 50 Sprockets

5/8" Pitch – Single –  
Types A and B



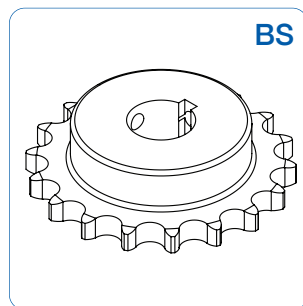
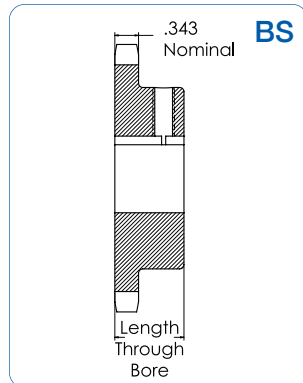
| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches)<br>Stock | Rec.<br>Max. | Hub (inches)<br>Dia. | Length<br>Thru | Weight<br>Lbs.<br>(App.) | Type | Catalog Number | Stock Bore | Weight<br>Lbs.<br>(App.) |
|-----------|----------------|------------------|------|------------------------|--------------|----------------------|----------------|--------------------------|------|----------------|------------|--------------------------|
| 8         | 50B8           | 1.880            | B    | 5/8                    | 5/8          | 1-1/8*               | 1              | .25                      |      |                |            |                          |
| 9         | 50B9           | 2.090            | B    | 5/8                    | 3/4          | 1-3/8*               | 1              | .36                      |      |                |            |                          |
| 10        | 50B10          | 2.300            | B    | 5/8                    | 7/8          | 1-9/16*              | 1              | .48                      |      |                |            |                          |
| 11        | 50B11          | 2.500            | B    | 5/8                    | 1            | 1-3/4*               | 1              | .64                      |      |                |            |                          |
| 12        | 50B12          | 2.710            | B    | 5/8                    | 1-1/4        | 1-63/64*             | 1              | .83                      | A    | 50A12          | 5/8        | .34                      |
| 13        | 50B13          | 2.910            | B    | 5/8                    | 1-5/16       | 1-7/8                | 1              | .88                      | A    | 50A13          | 5/8        | .42                      |
| 14        | 50B14          | 3.110            | B    | 5/8                    | 1-7/16       | 2-1/8                | 1              | 1.13                     | A    | 50A14          | 5/8        | .50                      |
| 15        | 50B15          | 3.320            | B    | 5/8                    | 1-1/2        | 2-3/8                | 1              | 1.34                     | A    | 50A15          | 5/8        | .54                      |
| 16        | 50B16          | 3.520            | B    | 5/8                    | 1-3/4        | 2-1/2                | 1              | 1.51                     | A    | 50A16          | 5/8        | .68                      |
| 17        | 50B17          | 3.720            | B    | 5/8                    | 1-7/8        | 2-11/16              | 1              | 1.74                     | A    | 50A17          | 5/8        | .76                      |
| 18        | 50B18          | 3.920            | B    | 5/8                    | 1-7/8        | 2-7/8                | 1              | 2.00                     | A    | 50A18          | 5/8        | .86                      |
| 19        | 50B19          | 4.120            | B    | 5/8                    | 2            | 3                    | 1              | 2.22                     | A    | 50A19          | 5/8        | .94                      |
| 20        | 50B20          | 4.320            | B    | 3/4                    | 2            | 3                    | 1              | 2.28                     | A    | 50A20          | 3/4        | 1.06                     |
| 21        | 50B21          | 4.520            | B    | 3/4                    | 2            | 3                    | 1              | 2.40                     | A    | 50A21          | 3/4        | 1.12                     |
| 22        | 50B22          | 4.720            | B    | 3/4                    | 2            | 3                    | 1              | 2.56                     | A    | 50A22          | 3/4        | 1.30                     |
| 23        | 50B23          | 4.920            | B    | 3/4                    | 2            | 3                    | 1              | 2.66                     | A    | 50A23          | 3/4        | 1.44                     |
| 24        | 50B24          | 5.120            | B    | 3/4                    | 2            | 3                    | 1-1/4          | 3.30                     | A    | 50A24          | 23/32      | 1.50                     |
| 25        | 50B25          | 5.320            | B    | 3/4                    | 2            | 3                    | 1-1/4          | 3.40                     | A    | 50A25          | 23/32      | 1.62                     |
| 26        | 50B26          | 5.520            | B    | 3/4                    | 2            | 3                    | 1-1/4          | 3.44                     | A    | 50A26          | 23/32      | 1.72                     |
| 27        | 50B27          | 5.720            | B    | 3/4                    | 2            | 3                    | 1-1/4          | 3.74                     | A    | 50A27          | 23/32      | 1.96                     |
| 28        | 50B28          | 5.920            | B    | 3/4                    | 2            | 3                    | 1-1/4          | 3.80                     | A    | 50A28          | 23/32      | 2.04                     |
| 29        | 50B29          | 6.120            | B    | 3/4                    | 2            | 3                    | 1-1/4          | 4.06                     | A    | 50A29          | 23/32      | 2.36                     |
| 30        | 50B30          | 6.320            | B    | 3/4                    | 2-1/4        | 3-1/4                | 1-1/4          | 4.56                     | A    | 50A30          | 23/32      | 2.54                     |
| 31        | 50B31          | 6.520            | B    | 3/4                    | 2-1/4        | 3-1/4                | 1-1/4          | 4.74                     | A    | 50A31          | 23/32      | 2.80                     |
| 32        | 50B32          | 6.720            | B    | 3/4                    | 2-1/4        | 3-1/4                | 1-1/4          | 4.96                     | A    | 50A32          | 23/32      | 2.72                     |
| 33        | 50B33          | 6.920            | B    | 3/4                    | 2-1/4        | 3-1/4                | 1-1/4          | 5.20                     | A    | 50A33          | 23/32      | 3.14                     |
| 34        | 50B34          | 7.120            | B    | 3/4                    | 2-1/4        | 3-1/4                | 1-1/4          | 5.14                     | A    | 50A34          | 23/32      | 3.20                     |
| 35        | 50B35          | 7.320            | B    | 3/4                    | 2-1/4        | 3-1/4                | 1-1/4          | 5.44                     | A    | 50A35          | 23/32      | 3.34                     |
| 36        | 50B36          | 7.520            | B    | 3/4                    | 2-1/4        | 3-1/4                | 1-1/4          | 5.64                     | A    | 50A36          | 23/32      | 3.82                     |
| 37        | 50B37          | 7.720            | B    | 3/4                    | 2-1/4        | 3-1/4                | 1-1/4          | 5.90                     | A    | 50A37          | 23/32      | 3.98                     |
| 38        | 50B38          | 7.920            | B    | 3/4                    | 2-1/4        | 3-1/4                | 1-1/4          | 6.08                     | A    | 50A38          | 23/32      | 4.14                     |
| 39        | 50B39          | 8.120            | B    | 3/4                    | 2-1/4        | 3-1/4                | 1-1/4          | 6.30                     | A    | 50A39          | 23/32      | 4.42                     |
| 40        | 50B40          | 8.320            | B    | 3/4                    | 2-1/4        | 3-1/4                | 1-1/4          | 6.50                     | A    | 50A40          | 23/32      | 4.46                     |
| 41        |                | 8.520            |      |                        |              |                      |                |                          | A    | 50A41          | 23/32      | 4.86                     |
| 42        | 50B42          | 8.720            | B    | 3/4                    | 2-1/4        | 3-1/4                | 1-1/4          | 6.96                     | A    | 50A42          | 23/32      | 4.98                     |
| 43        |                | 8.910            |      |                        |              |                      |                |                          | A    | 50A43          | 23/32      | 5.24                     |
| 44        | 50B44          | 9.110            | B    | 3/4                    | 2-1/4        | 3-1/4                |                | 7.58                     | A    | 50A44          | 23/32      | 5.42                     |
| 45        | 50B45          | 9.310            | B    | 3/4                    | 2-1/2        | 3-3/4                | 1-1/4          | 8.58                     | A    | 50A45          | 23/32      | 5.92                     |
| 46        |                | 9.510            |      |                        |              |                      | 1-1/4          |                          | A    | 50A46          | 15/16      | 6.42                     |
| 47        |                | 9.710            |      |                        |              |                      |                |                          | A    | 50A47          | 15/16      | 6.50                     |
| 48        | 50B48          | 9.910            | B    | 1                      | 2-1/2        | 3-3/4                | 1-1/4          | 9.28                     | A    | 50A48          | 15/16      | 6.58                     |
| 49        |                | 10.110           |      |                        |              |                      |                |                          | A    | 50A49          | 15/16      | 7.06                     |
| 50        | 50B50          | 10.310           | B    | 1                      | 2-1/2        | 3-3/4                | 1-1/4          | 9.88                     | A    | 50A50          | 15/16      | 7.10                     |
| 51        |                | 10.510           |      |                        |              |                      |                |                          | A    | 50A51          | 15/16      | 7.32                     |
| 52        | 50B52          | 10.710           | B    | 1                      | 2-1/2        | 3-3/4                |                | 10.24                    | A    | 50A52          | 15/16      | 7.98                     |
| 53        |                | 10.910           |      |                        |              |                      |                |                          | A    | 50A53          | 15/16      | 8.08                     |
| 54        | 50B54          | 11.110           | B    | 1                      | 2-1/2        | 3-3/4                | 1-1/4          | 11.00                    | A    | 50A54          | 15/16      | 8.30                     |
| 55        |                | 11.310           |      |                        |              |                      |                |                          | A    | 50A55          | 15/16      | 8.56                     |
| 56        |                | 11.500           |      |                        |              |                      |                |                          | A    | 50A56          | 15/16      | 8.90                     |
| 57        | 50B57          | 11.700           | B    | 1                      | 2-1/2        | 3-3/4                |                | 12.00                    | A    | 50A57          | 15/16      | 9.38                     |
| 58        |                | 11.900           |      |                        |              |                      |                |                          | A    | 50A58          | 15/16      | 10.30                    |
| 59        |                | 12.100           |      |                        |              |                      |                |                          | A    | 50A59          | 15/16      | 10.50                    |
| 60        | 50B60          | 12.300           | B    | 1                      | 2-1/2        | 3-3/4                | 1-1/4          | 13.00                    | A    | 50A60          | 15/16      | 10.80                    |
| 70        | 50B70          | 14.290           | B    | 1                      | 2-1/2        | 3-3/4                | 1-3/4          | 18.16                    | A    | 50A70          | 15/16      | 14.00                    |
| 72        | 50B72          | 14.690           | B    | 1                      | 2-1/2        | 3-3/4                | 1-3/4          | 19.48                    | A    | 50A72          | 15/16      | 15.24                    |
| 76        | 50B80          | 15.486           | B    | 1                      | 2-1/2        | 3-3/4                | 1-3/4          | 21.00                    | A    | 50A76          | 15/16      | 20.08                    |
| 80        | 50B80          | 16.280           | B    | 1                      | 2-3/4        | 4-1/4                | 1-3/4          | 24.74                    | A    | 50A80          | 15/16      | 21.00                    |
| 84        | 50B84          | 17.080           | B    | 1                      | 2-3/4        | 4-1/4                | 1-3/4          | 25.50                    | A    | 50A84          | 15/16      | 22.08                    |
| 95        | 50B95          | 19.270           | B    | 1                      | 2-3/4        | 4-1/4                | 1-3/4          | 32.00                    | A    | 50A95          | 15/16      | 27.00                    |
| 96        | 50B96          | 19.470           | B    | 1                      | 2-3/4        | 4-1/4                | 1-3/4          | 32.92                    | A    | 50A96          | 15/16      | 27.40                    |
| 112       | 50B112         | 22.650           | B    | 1                      | 2-3/4        | 4-1/4                | 1-3/4          | 42.00                    | A    | 50A112         | 15/16      | 37.70                    |

\* Has recessed groove in hub for chain clearance.

## No. 50 Sprockets

5/8" Pitch – Single – Type "BS" and Type "BS" with Hardened Teeth

### BS



| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (App.) | Stock Finished Bores Includes Keyway & Setscrews |     |     |    |       |        |       |       |        |               |
|-----------|----------------|------------------|------------------|--------------------|--------------------------------------------------|-----|-----|----|-------|--------|-------|-------|--------|---------------|
| 9         | 50BS9          | 2.094            | 1                | .3                 | 5/8                                              | 3/4 |     |    |       |        |       |       |        |               |
| 10        | 50BS10         | 2.297            | 1                | .3                 | 5/8                                              | 3/4 | 7/8 | †1 |       |        |       |       |        |               |
| 11        | 50BS11         | 2.504            | 1                | .6                 | 5/8                                              | 3/4 | 7/8 | 1  |       |        |       |       |        |               |
| 12        | 50BS12         | 2.708            | 1                | .7                 | 5/8                                              | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 |       |        |               |
| 13        | 50BS13         | 2.910            | 1                | .8                 | 5/8                                              | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 |       |        |               |
| 14        | 50BS14         | 3.113            | 1                | 1.0                | 5/8                                              | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 |       |        |               |
| 15        | 50BS15         | 3.315            | 1                | 1.2                | 5/8                                              | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2         |
| 16        | 50BS16         | 3.517            | 1                | 1.5                | 5/8                                              | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 1-5/8   |
| 17        | 50BS17         | 3.719            | 1                | 1.7                | 5/8                                              | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 1-5/8   |
| 18        | 50BS18         | 3.920            | 1                | 2.0                |                                                  | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 1-5/8   |
| 19        | 50BS19         | 4.120            | 1                | 2.2                |                                                  | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 1-5/8   |
| 20        | 50BS20         | 4.321            | 1                | 2.5                |                                                  | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 1-5/8   |
| 21        | 50BS21         | 4.522            | 1                | 2.6                |                                                  | 3/4 |     | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2         |
| 22        | 50BS22         | 4.722            | 1                | 2.8                |                                                  | 3/4 |     | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2         |
| 23        | 50BS23         | 4.922            | 1                | 3.2                |                                                  | 3/4 |     | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2         |
| 24        | 50BS24         | 5.122            | 1-1/4            | 4.0                |                                                  | 3/4 |     | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2         |
| 25        | 50BS25         | 5.322            | 1-1/4            | 4.3                |                                                  | 3/4 |     | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2         |
| 26        | 50BS26         | 5.522            | 1-1/4            | 4.5                |                                                  | 3/4 |     | 1  | 1-1/8 | 1-3/16 | 1-1/4 |       | 1-7/16 | 1-1/2         |
| 28        | 50BS28         | 5.922            | 1-1/4            | 4.8                |                                                  | 3/4 |     | 1  | 1-1/8 | 1-3/16 | 1-1/4 |       | 1-7/16 | 1-1/2         |
| 30        | 50BS30         | 6.322            | 1-1/4            | 5.2                |                                                  | 3/4 |     | 1  | 1-1/8 | 1-3/16 | 1-1/4 |       | 1-7/16 | 1-1/2         |
| 32        | 50BS32         | 6.721            | 1-1/4            | 5.7                |                                                  | 3/4 |     | 1  | 1-1/8 | 1-3/16 | 1-1/4 |       | 1-7/16 | 1-1/2         |
| 35        | 50BS35         | 7.319            | 1-1/4            | 6.5                |                                                  | 3/4 |     | 1  |       |        | 1-1/4 |       | 1-7/16 | 1-1/2         |
| 36        | 50BS36         | 7.519            | 1-1/4            | 6.9                |                                                  | 3/4 |     | 1  |       |        | 1-1/4 |       | 1-7/16 | 1-1/2         |
| 40        | 50BS40         | 8.316            | 1-1/4            | 7.8                |                                                  |     |     | 1  |       |        | 1-1/4 |       | 1-7/16 | 1-1/2 1-15/16 |
| 45        | 50BS45         | 9.313            | 1-1/4            | 8.5                |                                                  |     |     | 1  |       |        | 1-1/4 |       | 1-7/16 | 1-1/2 1-15/16 |
| 60        | 50BS60         | 12.301           | 1-1/4            | 14.0               |                                                  |     |     | 1  |       |        | 1-1/4 |       | 1-7/16 | 1-1/2 1-15/16 |

†Setscrews at 90°

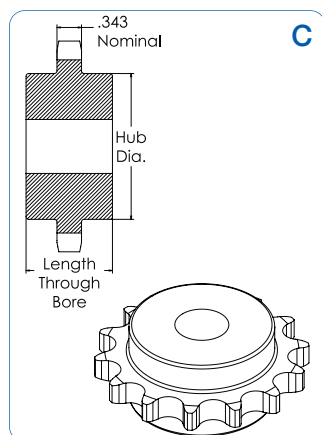
### BS - Hardened Teeth

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (App.) | Stock Finished Bores Includes Keyway & Setscrews |     |     |    |       |        |       |       |        |             |
|-----------|----------------|------------------|------------------|--------------------|--------------------------------------------------|-----|-----|----|-------|--------|-------|-------|--------|-------------|
| 9         | 50BS9HT        | 2.094            | 1                | .3                 | 5/8                                              | 3/4 |     |    |       |        |       |       |        |             |
| 10        | 50BS10HT       | 2.297            | 1                | .3                 | 5/8                                              | 3/4 | 7/8 | †1 |       |        |       |       |        |             |
| 11        | 50BS11HT       | 2.504            | 1                | .6                 | 5/8                                              | 3/4 | 7/8 | 1  |       |        |       |       |        |             |
| 12        | 50BS12HT       | 2.708            | 1                | .7                 | 5/8                                              | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 |       |        |             |
| 13        | 50BS13HT       | 2.910            | 1                | .8                 | 5/8                                              | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 |       |        |             |
| 14        | 50BS14HT       | 3.113            | 1                | 1.0                | 5/8                                              | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 |       |        |             |
| 15        | 50BS15HT       | 3.315            | 1                | 1.2                | 5/8                                              | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2       |
| 16        | 50BS16HT       | 3.517            | 1                | 1.5                | 5/8                                              | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 1-5/8 |
| 17        | 50BS17HT       | 3.719            | 1                | 1.7                | 5/8                                              | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 1-5/8 |
| 18        | 50BS18HT       | 3.920            | 1                | 2.0                |                                                  | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 1-5/8 |
| 19        | 50BS19HT       | 4.120            | 1                | 2.2                |                                                  | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 1-5/8 |
| 20        | 50BS20HT       | 4.321            | 1                | 2.5                |                                                  | 3/4 | 7/8 | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 1-5/8 |
| 21        | 50BS21HT       | 4.522            | 1                | 2.6                |                                                  | 3/4 |     | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2       |
| 22        | 50BS22HT       | 4.722            | 1                | 2.8                |                                                  | 3/4 |     | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2       |
| 23        | 50BS23HT       | 4.922            | 1                | 3.2                |                                                  | 3/4 |     | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2       |
| 24        | 50BS24HT       | 5.122            | 1-1/4            | 4.0                |                                                  | 3/4 |     | 1  | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2       |

† Setscrews at 90° and 180° to Key

# No. 50 Sprockets

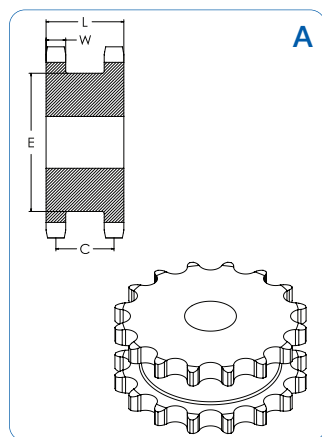
5/8" Pitch – Single – Type C, Double Single-Type A, and Double Single-Taper Bushed



## Type C

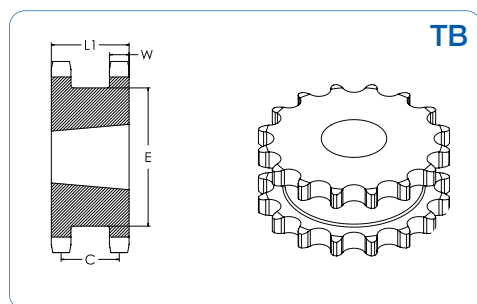
| No. Teeth | Catalog Number | Outside Diameter | Bore Inches |           | Hub Inches |        | Weight Lbs. (App.) |
|-----------|----------------|------------------|-------------|-----------|------------|--------|--------------------|
|           |                |                  | Stock       | Rec. Max. | Dia.       | Length |                    |
| 12        | 50C12          | 2.710            | 5/8         | 1-1/4     | 2*         | 1-5/8  | 1.25               |
| 13        | 50C13          | 2.910            | 5/8         | 1-5/16    | 1-7/8      | 1-5/8  | 1.47               |
| 14        | 50C14          | 3.110            | 5/8         | 1-7/16    | 2-1/8      | 1-5/8  | 1.69               |
| 15        | 50C15          | 3.320            | 5/8         | 1-1/2     | 2-3/8      | 1-5/8  | 1.94               |
| 16        | 50C16          | 3.520            | 5/8         | 1-3/4     | 2-1/2      | 1-5/8  | 2.42               |
| 17        | 50C17          | 3.720            | 5/8         | 1-7/8     | 2-47/64    | 1-5/8  | 2.75               |
| 18        | 50C18          | 3.920            | 5/8         | 1-7/8     | 2-15/16    | 1-5/8  | 3.25               |
| 19        | 50C19          | 4.120            | 3/4         | 2         | 3-5/64     | 1-5/8  | 3.87               |
| 20        | 50C20          | 4.320            | 3/4         | 2         | 3          | 1-5/8  | 4.40               |

\* Has recessed groove in hub for chain clearance.



## Double Single – Type A

| No. Teeth | Catalog Number | Diameters        |                | Type | Min. Bore | Max. Bore | Dimensions |        |         |        | Wt. Rim Only |
|-----------|----------------|------------------|----------------|------|-----------|-----------|------------|--------|---------|--------|--------------|
|           |                | Outside Diameter | Pitch Diameter |      |           |           | L          | C      | E       | w Nom. |              |
| 15        | DS50A15        | 3.320            | 3.006          | A    | 5/8       | 1-1/2     | 1-21/32    | 1-3/16 | 2-3/8   | .343   | 2.1          |
| 16        | DS50A16        | 3.520            | 3.204          | A    | 5/8       | 1-11/16   | 1-21/32    | 1-5/16 | 2-1/2   | .343   | 2.4          |
| 17        | DS50A17        | 3.720            | 3.401          | A    | 5/8       | 1-3/4     | 1-21/32    | 1-5/16 | 2-11/16 | .343   | 2.9          |
| 18        | DS50A18        | 3.920            | 3.599          | A    | 5/8       | 1-7/8     | 1-21/32    | 1-5/16 | 2-57/64 | .343   | 3.3          |
| 19        | DS50A19        | 4.120            | 3.797          | A    | 5/8       | 2-1/16    | 1-21/32    | 1-5/16 | 3-5/64  | .343   | 3.7          |
| 20        | DS50A20        | 4.320            | 3.995          | A    | 5/8       | 2-1/4     | 1-21/32    | 1-5/16 | 3-9/32  | .343   | 4.2          |
| 21        | DS50A21        | 4.520            | 4.194          | A    | 5/8       | 2-1/4     | 1-21/32    | 1-5/16 | 3-31/64 | .343   | 4.8          |
| 22        | DS50A22        | 4.720            | 4.392          | A    | 5/8       | 2-7/16    | 1-21/32    | 1-5/16 | 3-11/16 | .343   | 5.3          |
| 23        | DS50A23        | 4.920            | 4.590          | A    | 5/8       | 2-5/8     | 1-21/32    | 1-5/16 | 3-57/64 | .343   | 5.8          |
| 24        | DS50A24        | 5.120            | 4.788          | A    | 5/8       | 2-3/4     | 1-21/32    | 1-5/16 | 4-5/64  | .343   | 6.3          |



## Double Single – Taper Bushed

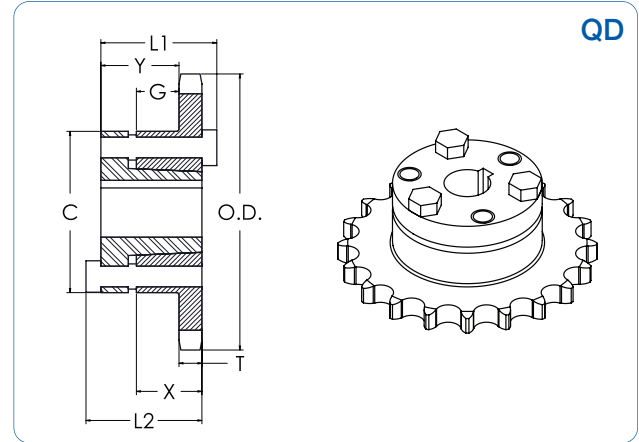
| No. Teeth | Catalog Number | Bushing | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions     |        |         |        | Rim Only |
|-----------|----------------|---------|------------------|----------------|-----------|-----------|------|----------------|--------|---------|--------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub> | C      | E       | w Nom. |          |
| 17        | DS50ATB17H     | 1615    | 3.520            | 3.204          | 1/2       | 1-5/8     | A    | 1-61/64        | 1-5/16 | 2-11/16 | .343   | 1.8      |
| 18        | DS50ATB18H     | 1615    | 3.920            | 3.599          | 1/2       | 1-5/8     | A    | 1-61/64        | 1-5/16 | 2-57/64 | .343   | 2.2      |
| 19        | DS50ATB19H     | 1615    | 4.120            | 3.797          | 1/2       | 1-5/8     | A    | 1-61/64        | 1-5/16 | 3-5/64  | .343   | 2.7      |
| 21        | DS50ATB21H     | 2012    | 4.520            | 4.194          | 1/2       | 2         | A    | 1-61/64        | 1-5/16 | 3-15/16 | .343   | 3.3      |
| 23        | DS50ATB23H     | 2012    | 4.920            | 4.590          | 1/2       | 2         | A    | 1-61/64        | 1-5/16 | 3-57/64 | .343   | 3.7      |
| 24        | DS50ATB24H     | 2012    | 5.120            | 4.788          | 1/2       | 2         | A    | 1-61/64        | 1-5/16 | 4-5/64  | .343   | 4.1      |

## No. 50 Sprockets

5/8" Pitch – Single – Type "QD" and Type "QD" with Hardened Teeth

### QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 12        | 50JA12 H       |
| 13        | 50JA13 H       |
| 14        | 50JA14 H       |
| 15        | 50JA15 H       |
| 16        | 50JA16 H       |
| 17        | 50SH17 H       |
| 18        | 50SH18 H       |
| 19        | 50SH19 H       |
| 20        | 50SDS20 H      |
| 21        | 50SDS21 H      |
| 22        | 50SDS22 H      |
| 23        | 50SDS23 H      |
| 24        | 50SDS24 H      |
| 25        | 50SDS25 H      |
| 26        | 50SDS26 H      |
| 27        | 50SDS27 H      |
| 28        | 50SDS28 H      |
| 30        | 50SDS30 H      |



### QD

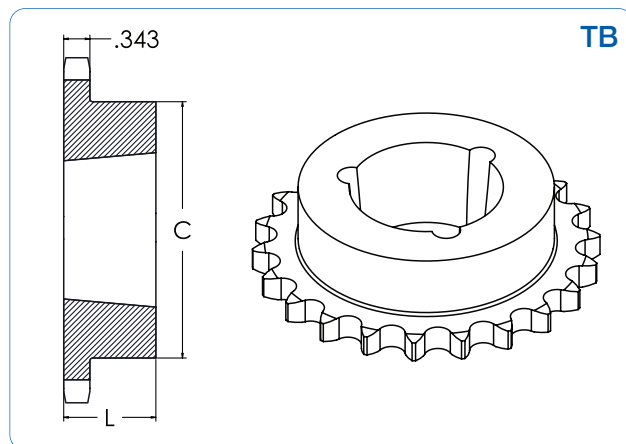
| No. Teeth | Catalog Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions     |                |         |         |       |       |      | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|------|-----------|----------------|----------------|---------|---------|-------|-------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C       | Y       | G     | X     | T    | With Hub      | Rim Only |
| 12        | 50JA12         | JA      | 2.710            | 2.415          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 21/32   | 9/32  | 5/8   | .343 | 1.24          | .34      |
| 13        | 50JA13         | JA      | 2.910            | 2.612          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 21/32   | 9/32  | 5/8   | .343 | 1.30          | .40      |
| 14        | 50JA14         | JA      | 3.110            | 2.803          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 21/32   | 9/32  | 5/8   | .343 | 1.45          | .52      |
| 15        | 50JA15         | JA      | 3.320            | 3.006          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 21/32   | 9/32  | 5/8   | .343 | 1.50          | .60      |
| 16        | 50JA16         | JA      | 3.520            | 3.204          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 21/32   | 9/32  | 5/8   | .343 | 1.58          | .68      |
| 17        | 50SH17         | SH      | 3.720            | 3.401          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 29/32   | 15/32 | 13/16 | .343 | 1.84          | .84      |
| 18        | 50SH18         | SH      | 3.920            | 3.599          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 29/32   | 15/32 | 13/16 | .343 | 2.04          | 1.04     |
| 19        | 50SH19         | SH      | 4.120            | 3.797          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 29/32   | 15/32 | 13/16 | .343 | 2.24          | 1.24     |
| 20        | 50SDS20        | SDS     | 4.320            | 3.995          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 2.20          | 1.20     |
| 21        | 50SDS21        | SDS     | 4.520            | 4.194          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 2.32          | 1.32     |
| 22        | 50SDS22        | SDS     | 4.720            | 4.392          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 2.48          | 1.42     |
| 23        | 50SDS23        | SDS     | 4.920            | 4.590          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 2.58          | 1.58     |
| 24        | 50SDS24        | SDS     | 5.120            | 4.788          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 2.70          | 1.70     |
| 25        | 50SDS25        | SDS     | 5.320            | 4.987          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 2.86          | 1.86     |
| 26        | 50SDS26        | SDS     | 5.520            | 5.185          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 3.00          | 2.00     |
| 27        | 50SDS27        | SDS     | 5.720            | 5.384          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 3.12          | 2.12     |
| 28        | 50SDS28        | SDS     | 5.920            | 5.582          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 3.32          | 2.32     |
| 30        | 50SDS30        | SDS     | 6.320            | 5.979          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 3.64          | 2.64     |
| 32        | 50SDS32        | SDS     | 6.720            | 6.376          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 3.98          | 2.98     |
| 35        | 50SDS35        | SDS     | 7.320            | 6.972          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 4.62          | 3.62     |
| 36        | 50SDS36        | SDS     | 7.520            | 7.171          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 4.64          | 3.64     |
| 40        | 50SDS40        | SDS     | 8.320            | 7.966          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 5.74          | 4.74     |
| 42        | 50SDS42        | SDS     | 8.720            | 8.363          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 6.40          | 5.40     |
| 45        | 50SDS45        | SDS     | 9.310            | 8.960          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 6.90          | 5.90     |
| 48        | 50SDS48        | SDS     | 9.910            | 9.556          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 31/32   | 13/32 | 3/4   | .343 | 7.66          | 6.66     |
| 54        | 50SK54         | SK      | 11.110           | 10.749         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-17/32 | 29/32 | 1-1/4 | .343 | 11.68         | 9.68     |
| 60        | 50SK60         | SK      | 12.300           | 11.942         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-17/32 | 29/32 | 1-1/4 | .343 | 13.88         | 11.88    |
| 70        | 50SK70         | SK      | 14.290           | 13.931         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-17/32 | 29/32 | 1-1/4 | .343 | 17.52         | 15.52    |
| 72        | 50SK72         | SK      | 14.690           | 14.329         | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-17/32 | 29/32 | 1-1/4 | .343 | 18.44         | 16.44    |
| 80        | 50SF80         | SF      | 16.280           | 15.920         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-21/32 | 29/32 | 1-1/4 | .343 | 22.90         | 19.90    |
| 84        | 50SF84         | SF      | 17.080           | 16.715         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-21/32 | 29/32 | 1-1/4 | .343 | 25.98         | 22.98    |
| 96        | 50SF96         | SF      | 19.470           | 19.102         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-21/32 | 29/32 | 1-1/4 | .343 | 32.88         | 29.98    |
| 112       | 50SF112        | SF      | 22.650           | 22.285         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-21/32 | 29/32 | 1-1/4 | .343 | 43.10         | 40.10    |

# No. 50 Sprockets

5/8" Pitch – Single – Type Taper Bushed and Type Taper Bushed with Hardened Teeth

## Taper Bushed With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 12        | 50BTB12 H      |
| 13        | 50BTB13 H      |
| 14        | 50BTB14 H      |
| 15        | 50BTB15 H      |
| 16        | 50BTB16 H      |
| 17        | 50BTB17 H      |
| 18        | 50BTB18 H      |
| 19        | 50BTB19 H      |
| 20        | 50BTB20 H      |
| 21        | 50BTB21 H      |
| 22        | 50BTB22 H      |
| 23        | 50BTB23 H      |
| 24        | 50BTB24 H      |
| 25        | 40BTB25 H      |
| 26        | 40BTB26 H      |
| 27        | 40BTB27 H      |
| 28        | 50BTB28 H      |
| 30        | 50BTB30 H      |



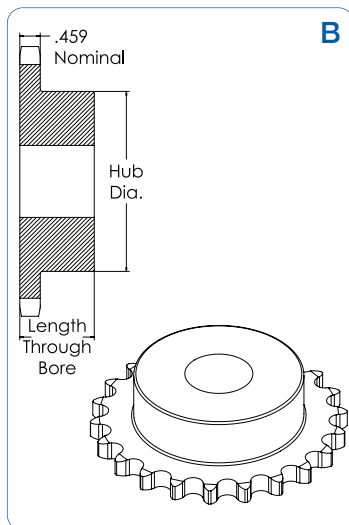
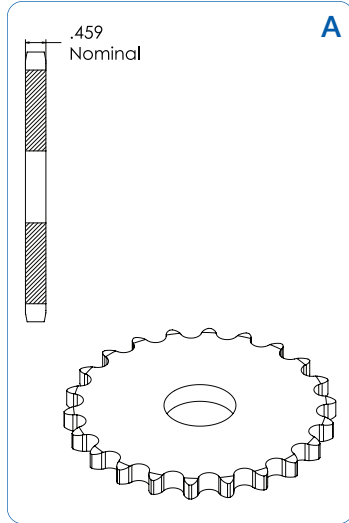
## Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |          | Type | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|-----------|------------|----------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C        |      | With Hub      | Rim Only |
| 12        | 50BTB12        | 1008    | 2.708            | 2.415          | 1         | 7/8        | 1-15/16* | B    | .5            | .3       |
| 13        | 50BTB13        | 1008    | 2.911            | 2.612          | 1         | 7/8        | 1-13/16  | B    | .5            | .3       |
| 14        | 50BTB14        | 1008    | 3.113            | 2.809          | 1         | 7/8        | 1-15/16  | B    | .6            | .3       |
| 16        | 50BTB15        | 1210    | 3.315            | 3.006          | 1-1/4     | 1          | 2-15/32* | B    | .7            | .6       |
| 16        | 50BTB16        | 1610    | 3.517            | 3.204          | 1-5/8     | 1          | 2-25/32* | B    | .7            | .9       |
| 17        | 50BTB17        | 1610    | 3.719            | 3.401          | 1-5/8     | 1          | 2-25/32* | B    | .8            | .9       |
| 18        | 50BTB18        | 1610    | 3.920            | 3.599          | 1-5/8     | 1          | 2-25/32  | B    | .9            | .9       |
| 19        | 50BTB19        | 1610    | 4.120            | 3.797          | 1-5/8     | 1          | 3        | B    | 1.3           | .9       |
| 20        | 50BTB20        | 1610    | 4.321            | 3.995          | 1-5/8     | 1          | 3-1/4    | B    | 1.6           | .9       |
| 21        | 50BTB21        | 1610    | 4.522            | 4.193          | 1-5/8     | 1          | 3        | B    | 1.5           | .9       |
| 22        | 50BTB22        | 1610    | 4.722            | 4.392          | 1-5/8     | 1          | 3        | B    | 1.6           | .9       |
| 23        | 50BTB23        | 2012    | 4.922            | 4.590          | 2         | 1-1/4      | 3-9/16   | B    | 2.0           | 1.7      |
| 24        | 50BTB24        | 2012    | 5.122            | 4.788          | 2         | 1-1/4      | 3-9/16   | B    | 2.2           | 1.7      |
| 25        | 50BTB25        | 2012    | 5.322            | 4.987          | 2         | 1-1/4      | 3-9/16   | B    | 2.4           | 1.7      |
| 26        | 50BTB26        | 2012    | 5.522            | 5.185          | 2         | 1-1/4      | 3-9/16   | B    | 2.5           | 1.7      |
| 27        | 50BTB27        | 2012    | 5.723            | 5.384          | 2         | 1-1/4      | 3-9/16   | B    | 2.6           | 1.7      |
| 28        | 50BTB28        | 2012    | 5.922            | 5.582          | 2         | 1-1/4      | 3-9/16   | B    | 2.8           | 1.7      |
| 30        | 50BTB30        | 2012    | 6.321            | 5.979          | 2         | 1-1/4      | 3-9/16   | B    | 3.2           | 1.7      |
| 32        | 50BTB32        | 2012    | 6.721            | 6.376          | 2         | 1-1/4      | 3-9/16   | B    | 3.6           | 1.7      |
| 35        | 50BTB35        | 2012    | 7.319            | 6.972          | 2         | 1-1/4      | 3-9/16   | B    | 4.2           | 1.7      |
| 36        | 50BTB36        | 2012    | 7.519            | 7.171          | 2         | 1-1/4      | 3-9/16   | B    | 4.3           | 1.7      |
| 40        | 50BTB40        | 2012    | 8.316            | 7.966          | 2         | 1-1/4      | 3-9/16   | B    | 5.2           | 1.7      |
| 42        | 50BTB42        | 2012    | 8.715            | 8.363          | 2         | 1-1/4      | 3-9/16   | B    | 5.9           | 1.7      |
| 45        | 50BTB45        | 2012    | 9.313            | 8.960          | 2         | 1-1/4      | 3-9/16   | B    | 6.5           | 1.7      |
| 48        | 50BTB48        | 2012    | 9.911            | 9.556          | 2         | 1-1/4      | 3-9/16   | B    | 7.3           | 1.7      |
| 54        | 50BTB54        | 2012    | 11.106           | 10.749         | 2         | 1-1/4      | 3-9/16   | B    | 9.0           | 1.7      |
| 60        | 50BTB60        | 2012    | 12.301           | 11.942         | 2         | 1-1/4      | 3-9/16   | B    | 10.8          | 1.7      |
| 70        | 50BTB70        | 2517    | 14.292           | 13.931         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 14.0          | 3.5      |
| 72        | 50BTB72        | 2517    | 14.690           | 14.329         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 15.5          | 3.5      |
| 80        | 50BTB80        | 2517    | 16.282           | 15.920         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 19.5          | 3.5      |
| 84        | 50BTB84        | 2517    | 17.079           | 16.715         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 22.5          | 3.5      |
| 96        | 50BTB96        | 2517    | 19.466           | 19.102         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 29.0          | 3.5      |
| 112       | 50BTB112       | 2517    | 22.651           | 22.285         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 38.7          | 3.5      |

\* Has recessed groove in hub for chain clearance.



## No. 60 Sprockets

3/4" Pitch – Single –  
Types A and B

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Weight Lbs. (App.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|--------------------|------|----------------|------------|--------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                    |      |                |            |                    |
| 8         | 60B8           | 2.260            | B    | 5/8           | 5/8       | 1-15/32*     | 1-1/4       | .54                |      |                |            |                    |
| 9         | 60B9           | 2.510            | B    | 3/4           | 7/8       | 1-9/16*      | 1-1/4       | .64                | A    | 60A10          | 3/4        | .44                |
| 10        | 60B10          | 2.760            | B    | 3/4           | 1-1/8     | 1-15/16*     | 1-1/4       | .99                | A    | 60A11          | 3/4        | .54                |
| 11        | 60B11          | 3.000            | B    | 3/4           | 1-5/16    | 2-1/16*      | 1-1/4       | 1.16               | A    | 60A12          | 3/4        | .68                |
| 12        | 60B12          | 3.250            | B    | 3/4           | 1-3/8     | 2-3/8*       | 1-1/4       | 1.47               | A    |                |            |                    |
| 13        | 60B13          | 3.490            | B    | 3/4           | 1-1/2     | 2-11/32      | 1-1/4       | 1.66               | A    | 60A13          | 3/4        | .80                |
| 14        | 60B14          | 3.740            | B    | 3/4           | 1-3/4     | 2-9/16       | 1-1/4       | 2.00               | A    | 60A14          | 3/4        | .94                |
| 15        | 60B15          | 3.980            | B    | 3/4           | 1-7/8     | 2-7/8        | 1-1/4       | 2.51               | A    | 60A15          | 3/4        | 1.08               |
| 16        | 60B16          | 4.220            | B    | 3/4           | 2         | 3-1/16       | 1-1/4       | 2.81               | A    | 60A16          | 3/4        | 1.24               |
| 17        | 60B17          | 4.460            | B    | 3/4           | 2-1/4     | 3-1/4        | 1-1/4       | 3.22               | A    | 60A17          | 3/4        | 1.44               |
| 18        | 60B18          | 4.700            | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/4       | 3.72               | A    | 60A18          | 3/4        | 1.62               |
| 19        | 60B19          | 4.950            | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/4       | 3.92               | A    | 60A19          | 3/4        | 1.84               |
| 20        | 60B20          | 5.190            | B    | 3/4           | 2-5/8     | 3-7/8        | 1-1/4       | 4.63               | A    | 60A20          | 3/4        | 2.12               |
| 21        | 60B21          | 5.430            | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 5.00               | A    | 60A21          | 3/4        | 2.28               |
| 22        | 60B22          | 5.670            | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 5.25               | A    | 60A22          | 3/4        | 2.48               |
| 23        | 60B23          | 5.910            | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 5.48               | A    | 60A23          | 3/4        | 2.68               |
| 24        | 60B24          | 6.150            | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 5.78               | A    | 60A24          | 23/32      | 3.00               |
| 25        | 60B25          | 6.390            | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 6.13               | A    | 60A25          | 23/32      | 3.34               |
| 26        | 60B26          | 6.630            | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 6.38               | A    | 60A26          | 23/32      | 3.54               |
| 27        | 60B27          | 6.870            | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 6.72               | A    | 60A27          | 23/32      | 3.96               |
| 28        | 60B28          | 7.110            | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 6.88               | A    | 60A28          | 23/32      | 4.14               |
| 29        | 60B29          | 7.350            | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 7.28               | A    | 60A29          | 23/32      | 4.40               |
| 30        | 60B30          | 7.590            | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 7.58               | A    | 60A30          | 23/32      | 4.78               |
| 31        | 60B31          | 7.830            | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 7.72               | A    | 60A31          | 23/32      | 5.24               |
| 32        | 60B32          | 8.070            | B    | 3/4           | 2-3/4     | 4            | 1-1/4       | 8.26               | A    | 60A32          | 23/32      | 5.52               |
| 33        | 60B33          | 8.300            | B    | 1             | 2-3/4     | 4            | 1-1/4       | 8.42               | A    | 60A33          | 15/16      | 5.86               |
| 34        | 60B34          | 8.540            | B    | 1             | 2-3/4     | 4            | 1-1/4       | 8.80               | A    | 60A34          | 15/16      | 6.16               |
| 35        | 60B35          | 8.780            | B    | 1             | 2-3/4     | 4            | 1-1/4       | 9.04               | A    | 60A35          | 15/16      | 6.78               |
| 36        | 60B36          | 9.020            | B    | 1             | 2-3/4     | 4            | 1-1/4       | 9.60               | A    | 60A36          | 15/16      | 6.82               |
| 37        | 60B37          | 9.260            | B    | 1             | 2-3/4     | 4            | 1-1/4       | 10.24              | A    | 60A37          | 15/16      | 7.52               |
| 38        | 60B38          | 9.500            | B    | 1             | 2-3/4     | 4-1/4        | 1-1/4       | 10.84              | A    | 60A38          | 15/16      | 7.84               |
| 39        | 60B39          | 9.740            | B    | 1             | 2-3/4     | 4-1/4        | 1-1/4       | 11.36              | A    | 60A39          | 15/16      | 8.28               |
| 40        | 60B40          | 9.980            | B    | 1             | 2-3/4     | 4-1/4        | 1-1/4       | 11.50              | A    | 60A40          | 15/16      | 8.56               |
| 41        | 60B41          | 10.220           | B    | 1             | 2-3/4     | 4-1/4        | 1-1/4       | 12.14              | A    | 60A41          | 15/16      | 9.10               |
| 42        | 60B42          | 10.460           | B    | 1             | 2-3/4     | 4-1/4        | 1-1/4       | 12.74              | A    | 60A42          | 15/16      | 9.84               |
| 43        |                | 10.700           |      |               |           |              |             |                    | A    | 60A43          | 15/16      | 9.74               |
| 44        | 60B44          | 10.940           | B    | 15/16         | 2-3/4     | 4-1/4        | 1-1/4       | 13.88              | A    | 60A44          | 15/16      | 10.76              |
| 45        | 60B45          | 11.180           | B    | 15/16         | 2-3/4     | 4-1/4        | 1-1/4       | 13.98              | A    | 60A45          | 15/16      | 11.08              |
| 46        |                | 11.420           |      |               |           |              |             |                    | A    | 60A46          | 15/16      | 11.50              |
| 47        | 60B47          | 11.650           | B    | 15/16         | 2-3/4     | 4-1/4        | 1-1/4       | 15.00              | A    | 60A47          | 15/16      | 12.32              |
| 48        | 60B48          | 11.890           | B    | 15/16         | 2-3/4     | 4-1/4        | 1-1/4       | 15.82              | A    | 60A48          | 15/16      | 12.42              |
| 49        |                | 12.130           |      |               |           |              |             |                    | A    | 60A49          | 15/16      | 12.92              |
| 50        | 60B50          | 12.370           | B    | 15/16         | 2-3/4     | 4-1/4        | 1-1/4       | 17.66              | A    | 60A50          | 15/16      | 13.98              |
| 51        |                | 12.610           |      |               |           |              |             |                    | A    | 60A51          | 15/16      | 14.58              |
| 52        |                | 12.850           |      |               |           |              |             |                    | A    | 60A52          | 15/16      | 14.60              |
| 53        |                | 13.090           |      |               |           |              |             |                    | A    | 60A53          | 15/16      | 15.84              |
| 54        | 60B54          | 13.330           | B    | 15/16         | 2-3/4     | 4-1/4        | 1-3/4       | 21.60              | A    | 60A54          | 15/16      | 15.92              |
| 55        |                | 13.570           |      |               |           |              |             |                    | A    | 60A55          | 1-1/4      | 16.96              |
| 56        | 60B56          | 13.810           | B    | 1-1/4         | 2-3/4     | 4-1/4        | 1-3/4       | 21.88              | A    | 60A56          | 1-1/4      | 17.60              |
| 57        |                | 14.040           |      |               |           |              |             |                    | A    | 60A57          | 1-1/4      | 17.62              |
| 58        |                | 14.280           |      |               |           |              |             |                    | A    | 60A58          | 1-1/4      | 19.00              |
| 59        |                | 14.520           |      |               |           |              |             |                    | A    | 60A59          | 1-1/4      | 19.20              |
| 60        | 60B60          | 14.760           | B    | 1-1/4         | 2-3/4     | 4-1/4        | 1-3/4       | 25.22              | A    | 60A60          | 1-1/4      | 20.02              |
| 64        | 60B64          | 15.720           | B    | 1-1/4         | 2-3/4     | 4-1/4        | 1-3/4       | 27.40              | A    | 60A64          | 1-1/4      | 23.00              |
| 65        | 60B65          | 15.960           | B    | 1-1/4         | 2-3/4     | 4-1/4        | 1-3/4       | 28.92              | A    | 60A65          | 1-1/4      | 23.24              |
| 66        |                | 16.190           |      |               |           |              |             |                    | A    | 60A66          | 1-1/4      | 24.42              |
| 68        | 60B68          | 16.670           | B    | 1-1/4         | 2-3/4     | 4-1/4        | 1-3/4       | 30.38              | A    | 60A68          | 1-1/4      | 25.54              |
| 70        | 60B70          | 17.150           | B    | 1-1/4         | 2-3/4     | 4-1/4        | 1-3/4       | 31.98              | A    | 60A70          | 1-1/4      | 27.20              |
| 72        | 60B72          | 17.630           | B    | 1-1/4         | 2-3/4     | 4-1/4        | 2           | 34.18              | A    | 60A72          | 1-1/4      | 28.90              |
| 76        | 60B76          | 18.580           | B    | 1-1/4         | 2-3/4     | 4-1/4        | 2           | 38.06              | A    | 60A76          | 1-1/4      | 32.34              |
| 80        | 60B80          | 19.540           | B    | 1-1/4         | 2-3/4     | 4-1/4        | 2           | 41.88              | A    | 60A80          | 1-1/4      | 45.50              |
| 84        | 60B84          | 20.490           | B    | 1-1/4         | 3-1/4     | 4-3/4        | 2           | 46.46              | A    | 60A84          | 1-1/4      | 40.18              |
| 90        | 60B90          | 21.930           | B    | 1-1/4         | 3-5/16    | 5            | 2-1/4       | 63.20              | A    | 60A90          | 1-1/4      | 43.44              |
| 96        | 60B96          | 23.360           | B    | 1-1/4         | 3-3/4     | 5-1/2        | 2-1/4       | 63.08              | A    | 60A96          | 1-1/4      | 52.02              |
| 112       | 60B112         | 27.180           | B    | 1-1/4         | 3-3/4     | 5-1/2        | 2-1/4       | 81.78              | A    | 60A112         | 1-1/4      | 70.80              |

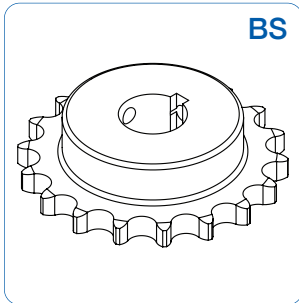
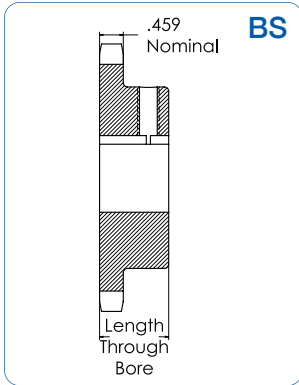
\* Has recessed groove in hub for chain clearance.



# No. 60 Sprockets

3/4" Pitch – Single – Type “BS” and Type “BS” with Hardened Teeth

## BS



| No. Teeth | Catalog Number | Outside Dia. | Length Thru Bore | Weight Lbs. (App.) | Stock Finished Bores Includes Keyway & Setscrews |     |   |       |        |       |        |        |       |         |
|-----------|----------------|--------------|------------------|--------------------|--------------------------------------------------|-----|---|-------|--------|-------|--------|--------|-------|---------|
| 9         | 60BS9          | 2.511        | 1-1/4            | .6                 | 3/4                                              | 7/8 | 1 |       |        |       |        |        |       |         |
| 10        | 60BS10         | 2.758        | 1-1/4            | .7                 | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |        |        |       |         |
| 11        | 60BS11         | 3.004        | 1-1/4            | .9                 | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |        |        |       |         |
| 11        | 60BS11W        | 3.004        | 1-1/4            | .8                 |                                                  |     |   |       |        | 1-1/4 |        |        |       |         |
| 12        | 60BS12         | 3.249        | 1-1/4            | 1.3                | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-7/16 |        |       |         |
| 12        | 60BS12W        | 3.249        | 1-1/4            | 1.1                |                                                  |     |   |       |        | 1-1/4 |        |        |       |         |
| 13        | 60BS13         | 3.493        | 1-1/4            | 1.3                | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 |         |
| 14        | 60BS14         | 3.736        | 1-1/4            | 1.6                | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16  |
| 15        | 60BS15         | 3.979        | 1-1/4            | 1.7                | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16  |
| 16        | 60BS16         | 4.221        | 1-1/4            | 2.1                | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16  |
| 17        | 60BS17         | 4.462        | 1-1/4            | 2.4                |                                                  |     | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16  |
| 18        | 60BS18         | 4.704        | 1-1/4            | 2.6                |                                                  |     | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16  |
| 18        | 60BS18W        | 4.704        | 1-1/4            | 2.6                |                                                  |     |   |       |        | 1-1/4 |        |        |       |         |
| 19        | 60BS19         | 4.945        | 1-1/4            | 3.4                |                                                  |     | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16  |
| 20        | 60BS20         | 5.185        | 1-1/4            | 3.9                |                                                  |     | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16  |
| 21        | 60BS21         | 5.426        | 1-1/4            | 4.4                |                                                  |     | 1 |       |        | 1-1/4 | 1-7/16 | 1-1/2  |       | 1-15/16 |
| 22        | 60BS22         | 5.666        | 1-1/4            | 4.7                |                                                  |     | 1 |       |        | 1-1/4 | 1-7/16 | 1-1/2  |       | 1-15/16 |
| 23        | 60BS23         | 5.907        | 1-1/4            | 5.0                |                                                  |     | 1 |       |        | 1-1/4 | 1-7/16 | 1-1/2  |       | 1-15/16 |
| 24        | 60BS24         | 6.147        | 1-1/4            | 5.3                |                                                  |     | 1 |       |        | 1-1/4 | 1-7/16 | 1-1/2  |       | 1-15/16 |
| 25        | 60BS25         | 6.387        | 1-1/4            | 5.6                |                                                  |     | 1 |       |        | 1-1/4 | 1-7/16 | 1-1/2  |       | 1-15/16 |
| 26        | 60BS26         | 6.627        | 1-1/4            | 5.8                |                                                  |     | 1 |       |        | 1-1/4 | 1-7/16 | 1-1/2  |       | 1-15/16 |
| 28        | 60BS28         | 7.106        | 1-1/4            | 6.4                |                                                  |     | 1 |       |        | 1-1/4 | 1-7/16 | 1-1/2  |       | 1-15/16 |
| 30        | 60BS30         | 7.586        | 1-1/4            | 7.1                |                                                  |     | 1 |       |        | 1-1/4 | 1-7/16 | 1-1/2  |       | 1-15/16 |
| 32        | 60BS32         | 8.065        | 1-1/4            | 7.8                |                                                  |     | 1 |       |        | 1-1/4 | 1-7/16 | 1-1/2  |       | 1-15/16 |
| 35        | 60BS35         | 8.783        | 1-1/4            | 8.8                |                                                  |     | 1 |       |        | 1-1/4 | 1-7/16 | 1-1/2  |       | 1-15/16 |
| 36        | 60BS36         | 9.023        | 1-1/4            | 9.2                |                                                  |     | 1 |       |        | 1-1/4 | 1-7/16 | 1-1/2  |       | 1-15/16 |
| 40        | 60BS40         | 9.980        | 1-1/4            | 11.0               |                                                  |     | 1 |       |        | 1-1/4 | 1-7/16 | 1-1/2  |       | 1-15/16 |
| 45        | 60BS45         | 11.176       | 1-1/4            | 13.8               |                                                  |     | 1 |       |        | 1-1/4 | 1-7/16 | 1-1/2  |       | 1-15/16 |
| 60        | 60BS60         | 14.761       | 1-1/4            | 25.0               |                                                  |     |   |       |        |       | 1-7/16 | 1-1/2  |       | 1-15/16 |

W = Winch Sprockets - KW 5/16 X 5/32 - SS AT 90°

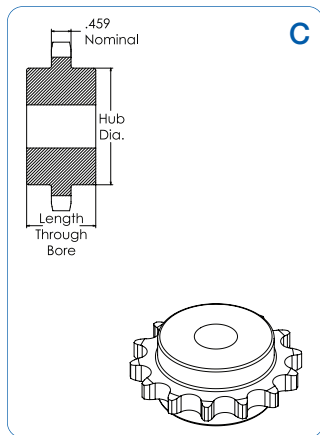
## BS – Hardened Teeth

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (App.) | Stock Finished Bores Includes Keyway & Setscrews |     |   |       |        |       |        |        |       |        |
|-----------|----------------|------------------|------------------|--------------------|--------------------------------------------------|-----|---|-------|--------|-------|--------|--------|-------|--------|
| 9         | 60BS9HT        | 2.511            | 1-1/4            | .6                 | 3/4                                              | 7/8 | 1 |       |        |       |        |        |       |        |
| 10        | 60BS10HT       | 2.758            | 1-1/4            | .7                 | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |        |        |       |        |
| 11        | 60BS11HT       | 3.004            | 1-1/4            | .9                 | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 |        |        |       |        |
| 12        | 60BS12HT       | 3.249            | 1-1/4            | 1.3                | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-7/16 |        |       |        |
| 13        | 60BS13HT       | 3.493            | 1-1/4            | 1.3                | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 |        |
| 14        | 60BS14HT       | 3.736            | 1-1/4            | 1.6                | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16 |
| 15        | 60BS15HT       | 3.979            | 1-1/4            | 1.7                | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16 |
| 16        | 60BS16HT       | 4.221            | 1-1/4            | 2.1                | 3/4                                              | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16 |
| 17        | 60BS17HT       | 4.462            | 1-1/4            | 2.4                |                                                  |     | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16 |
| 18        | 60BS18HT       | 4.704            | 1-1/4            | 2.6                |                                                  |     | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16 |
| 19        | 60BS19HT       | 4.945            | 1-1/4            | 3.4                |                                                  |     | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16 |
| 20        | 60BS20HT       | 5.185            | 1-1/4            | 3.9                |                                                  |     | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8  | 1-7/16 | 1-1/2 | 1-9/16 |

† Indicates no Keyway. 2-1/4" Setscrews only in 1/2" & 3/8" Bore at 90°.

## No. 60 Sprockets

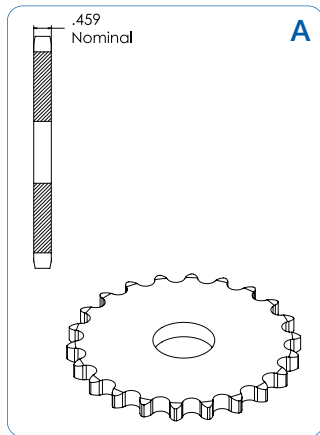
3/4" Pitch – Single – Type C, Double Single-Type A, and Double Single-Taper Bushed



### Type C

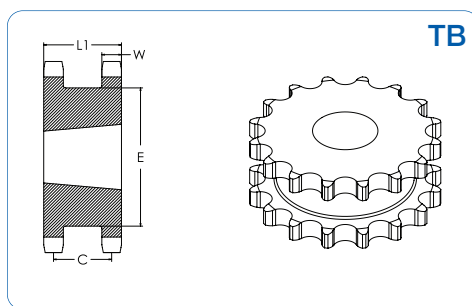
| No. Teeth | Catalog Number | Outside Diameter | Bore Inches |           | Hub Inches |        | Weight Lbs. (App.) |
|-----------|----------------|------------------|-------------|-----------|------------|--------|--------------------|
|           |                |                  | Stock       | Rec. Max. | Dia.       | Length |                    |
| 12        | 60C12          | 3.250            | 3/4         | 1-3/8     | 2-3/8*     | 2      | 2.25               |
| 13        | 60C13          | 3.490            | 3/4         | 1-1/2     | 2-11/32    | 2      | 2.75               |
| 14        | 60C14          | 3.740            | 3/4         | 1-3/4     | 2-9/16     | 2      | 3.19               |
| 15        | 60C15          | 3.980            | 3/4         | 1-7/8     | 2-7/8      | 2      | 3.10               |
| 16        | 60C16          | 4.220            | 3/4         | 2         | 3-1/16     | 2      | 4.19               |
| 17        | 60C17          | 4.460            | 3/4         | 2-1/4     | 3-1/4      | 2      | 4.81               |
| 18        | 60C18          | 4.700            | 3/4         | 2-3/8     | 3-1/2      | 2      | 5.62               |

\* Has recessed groove in hub for chain clearance.



### Double Single – Type A

| No. Teeth | Catalog Number | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions |         |         |        | Wt. Rim Only |
|-----------|----------------|------------------|----------------|-----------|-----------|------|------------|---------|---------|--------|--------------|
|           |                | Outside Diameter | Pitch Diameter |           |           |      | L          | C       | E       | w Nom. |              |
| 13        | DS60A13        | 3.490            | 3.134          | 3/4       | 1-1/4     | A    | 1-15/16    | 1-31/64 | 2-11/32 | .459   | 2.6          |
| 14        | DS60A14        | 3.740            | 3.371          | 3/4       | 1-5/16    | A    | 1-15/16    | 1-31/64 | 2-9/16  | .459   | 3.2          |
| 15        | DS60A15        | 3.980            | 3.607          | 3/4       | 1-1/2     | A    | 1-15/16    | 1-31/64 | 2-7/8   | .459   | 3.8          |
| 16        | DS60A16        | 4.220            | 3.844          | 3/4       | 1-11/16   | A    | 1-15/16    | 1-31/64 | 3-3/64  | .459   | 4.5          |
| 17        | DS60A17        | 4.460            | 4.082          | 3/4       | 1-3/4     | A    | 1-15/16    | 1-31/64 | 3-1/4   | .459   | 5.3          |
| 18        | DS60A18        | 4.700            | 4.319          | 3/4       | 1-7/8     | A    | 1-15/16    | 1-31/64 | 3-1/2   | .459   | 6.5          |
| 19        | DS60A19        | 4.950            | 4.557          | 3/4       | 2-1/16    | A    | 1-15/16    | 1-31/64 | 3-45/64 | .459   | 6.8          |
| 20        | DS60A20        | 5.190            | 4.794          | 3/4       | 2-1/4     | A    | 1-15/16    | 1-31/64 | 3-61/64 | .459   | 7.0          |
| 21        | DS60A21        | 5.430            | 5.032          | 3/4       | 2-3/4     | A    | 1-15/16    | 1-31/64 | 4-3/16  | .459   | 7.5          |



### Double Single – Taper Bushed

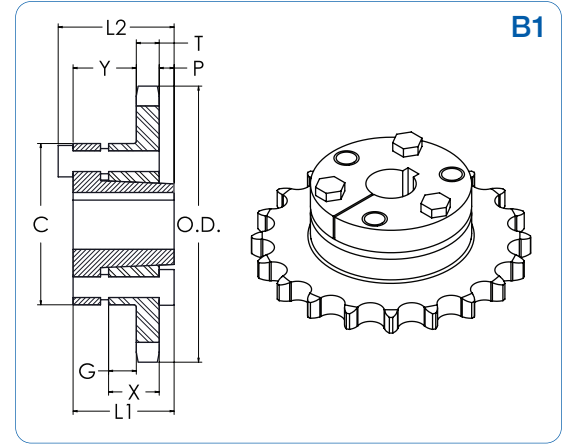
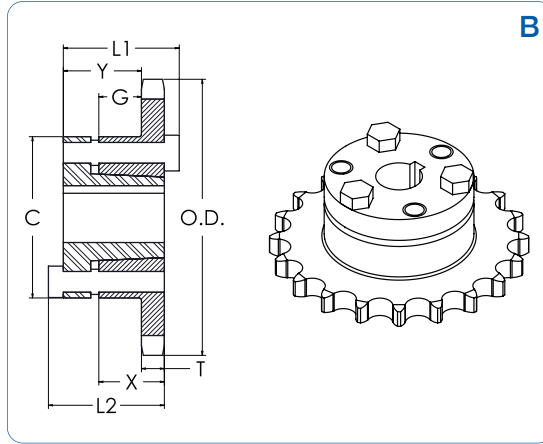
| No. Teeth | Catalog Number | Bushing | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions     |         |         |        | Rim Only |
|-----------|----------------|---------|------------------|----------------|-----------|-----------|------|----------------|---------|---------|--------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub> | C       | E       | w Nom. |          |
| 17        | DS60ATB17H     | 1615    | 4.460            | 4.002          | 1/2       | 1-5/8     | A    | 1-15/16        | 1-31/64 | 3-7/32  | .459   | 4.5      |
| 18        | DS60ATB18H     | 2012    | 4.700            | 4.319          | 1/2       | 2         | A    | 1-15/16        | 1-31/64 | 3-15/32 | .459   | 5.0      |
| 19        | DS60ATB19H     | 2012    | 4.950            | 4.557          | 1/2       | 2         | A    | 1-15/16        | 1-31/64 | 3-45/64 | .459   | 5.8      |
| 20        | DS60ATB20H     | 2517    | 5.190            | 4.794          | 1/2       | 2-1/2     | A    | 1-15/16        | 1-31/64 | 3-61/64 | .459   | 5.6      |
| 21        | DS60ATB21H     | 2517    | 5.430            | 5.032          | 1/2       | 2-1/2     | A    | 1-15/16        | 1-31/64 | 4-3/16  | .459   | 6.4      |
| 23        | DS60ATB23H     | 2517    | 5.910            | 5.508          | 1/2       | 2-1/2     | A    | 1-15/16        | 1-31/64 | 4-43/64 | .459   | 7.3      |
| 24        | DS60ATB24H     | 2517    | 6.150            | 5.746          | 1/2       | 2-1/2     | A    | 1-15/16        | 1-31/64 | 4-29/32 | .459   | 8.2      |

# No. 60 Sprockets

3/4" Pitch – Single – Type “QD” and Type “QD” with Hardened Teeth

## QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 11        | 60JA11 H       |
| 12        | 60JA12 H       |
| 13        | 60JA13 H       |
| 14        | 60SH14 H       |
| 15        | 60SH15 H       |
| 16        | 60SH16 H       |
| 17        | 60SDS17 H      |
| 18        | 60SDS18 H      |
| 19        | 60SDS19 H      |
| 20        | 60SDS20 H      |
| 21        | 60SDS21 H      |
| 22        | 60SDS11 H      |
| 23        | 60SDS23 H      |
| 24        | 60SDS24 H      |
| 25        | 60SDS25 H      |
| 26        | 60SK26 H       |
| 27        | 60SK27 H       |
| 28        | 60SK28 H       |
| 30        | 60SK30 H       |



## QD

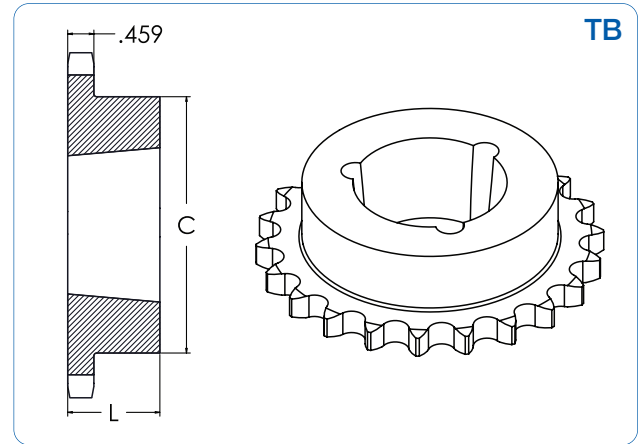
| No. Teeth | Catalog Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions     |                |         |         |         |       |      | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|------|-----------|----------------|----------------|---------|---------|---------|-------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C       | Y       | G       | X     | T    | With Hub      | Rim Only |
| 11        | 60JA11         | JA      | 3.000            | 2.662          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 35/64   | 11/64   | 5/8   | .459 | 1.36          | .46      |
| 12        | 60JA12         | JA      | 3.250            | 2.898          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 35/64   | 11/64   | 5/8   | .459 | 1.50          | .60      |
| 13        | 60JA13         | JA      | 3.490            | 3.134          | B    | 1-1/4     | 1-1/8          | 1-1/8          | 2-1/16  | 35/64   | 11/64   | 5/8   | .459 | 1.66          | .76      |
| 14        | 60SH14         | SH      | 3.740            | 3.371          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 51/64   | 23/64   | 13/16 | .459 | 1.88          | .88      |
| 15        | 60SH15         | SH      | 3.980            | 3.607          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 51/64   | 23/64   | 13/16 | .459 | 2.08          | 1.08     |
| 16        | 60SH16         | SH      | 4.220            | 3.844          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 51/64   | 23/64   | 13/16 | .459 | 2.26          | 1.26     |
| 17        | 60SDS17        | SDS     | 4.460            | 4.082          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 55/64   | 19/64   | 3/4   | .459 | 2.38          | 1.38     |
| 18        | 60SDS18        | SDS     | 4.700            | 4.319          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 55/64   | 19/64   | 3/4   | .459 | 2.56          | 1.56     |
| 19        | 60SDS19        | SDS     | 4.950            | 4.557          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 55/64   | 19/64   | 3/4   | .459 | 2.76          | 1.76     |
| 20        | 60SDS20        | SDS     | 5.190            | 4.794          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 55/64   | 19/64   | 3/4   | .459 | 3.00          | 2.00     |
| 21        | 60SDS21        | SDS     | 5.430            | 5.032          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 55/64   | 19/64   | 3/4   | .459 | 3.20          | 2.20     |
| 22        | 60SDS22        | SDS     | 5.670            | 5.270          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 55/64   | 19/64   | 3/4   | .459 | 3.44          | 2.44     |
| 23        | 60SDS23        | SDS     | 5.910            | 5.508          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 55/64   | 19/64   | 3/4   | .459 | 3.70          | 2.70     |
| 24        | 60SDS24        | SDS     | 6.150            | 5.746          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 55/64   | 19/64   | 3/4   | .459 | 3.94          | 2.94     |
| 25        | 60SDS25        | SDS     | 6.390            | 5.984          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 55/64   | 19/64   | 3/4   | .459 | 4.24          | 3.24     |
| 26        | 60SK26         | SK      | 6.630            | 6.222          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-27/64 | 51/64   | 1-1/4 | .459 | 6.18          | 4.18     |
| 27        | 60SK27         | SK      | 6.870            | 6.460          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-27/64 | 51/64   | 1-1/4 | .459 | 6.52          | 4.52     |
| 28        | 60SK28         | SK      | 7.110            | 6.699          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-27/64 | 51/64   | 1-1/4 | .459 | 6.72          | 4.72     |
| 30        | 60SK30         | SK      | 7.590            | 7.175          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-27/64 | 51/64   | 1-1/4 | .459 | 7.34          | 5.34     |
| 32        | 60SK32         | SK      | 8.070            | 7.652          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-27/64 | 51/64   | 1-1/4 | .459 | 8.10          | 6.10     |
| 35        | 60SK35         | SK      | 8.780            | 8.367          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-27/64 | 51/64   | 1-1/4 | .459 | 9.42          | 7.42     |
| 36        | 60SK36         | SK      | 9.020            | 8.605          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-27/64 | 51/64   | 1-1/4 | .459 | 9.70          | 7.70     |
| 40        | 60SK40         | SK      | 9.980            | 9.559          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-27/64 | 51/64   | 1-1/4 | .459 | 11.56         | 9.56     |
| 42        | 60SF42         | SF      | 10.460           | 10.036         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-35/64 | 51/64   | 1-1/4 | .459 | 13.78         | 10.78    |
| 45        | 60SF45         | SF      | 11.180           | 10.752         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-35/64 | 51/64   | 1-1/4 | .459 | 15.40         | 12.40    |
| 48        | 60SF48         | SF      | 11.890           | 11.467         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-35/64 | 51/64   | 1-1/4 | .459 | 17.26         | 14.26    |
| 54        | 60SF54         | SF      | 13.330           | 12.899         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-35/64 | 51/64   | 1-1/4 | .459 | 20.02         | 17.02    |
| 60        | 60SF60         | SF      | 14.760           | 14.331         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-35/64 | 51/64   | 1-1/4 | .459 | 23.76         | 20.76    |
| 70        | 60SF70         | SF      | 17.150           | 16.717         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-35/64 | 51/64   | 1-1/4 | .459 | 31.60         | 28.60    |
| 72        | 60SF72         | SF      | 17.630           | 17.194         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-35/64 | 51/64   | 1-1/4 | .459 | 32.58         | 29.58    |
| 80        | 60SF80         | SF      | 19.540           | 19.163         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-35/64 | 51/64   | 1-1/4 | .459 | 41.24         | 38.24    |
| 84        | 60SF84         | SF      | 20.490           | 20.058         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-35/64 | 51/64   | 1-1/4 | .459 | 43.94         | 40.94    |
| 96        | 60SF96         | SF      | 23.360           | 22.922         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-35/64 | 51/64   | 1-1/4 | .459 | 55.40         | 52.40    |
| 112       | 60E112         | E       | 27.180           | 26.742         | B    | 3-1/2     | 2-5/8          | 2-15/16        | 6       | 2-3/16  | 1-11/64 | 1-5/8 | .459 | 83.76         | 73.76    |

## No. 60 Sprockets

3/4" Pitch – Single – Type Taper Bushed and Type Taper Bushed with Hardened Teeth

## Taper Bushed With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 11        | 60BTB11 H      |
| 12        | 60BTB12 H      |
| 13        | 60BTB13 H      |
| 14        | 60BTB14 H      |
| 15        | 60BTB15 H      |
| 16        | 60BTB16 H      |
| 17        | 60BTB17 H      |
| 18        | 60BTB18 H      |
| 19        | 60BTB19 H      |
| 20        | 60BTB20 H      |
| 21        | 60BTB21 H      |
| 22        | 60BTB22 H      |
| 23        | 60BTB23 H      |
| 24        | 60BTB24 H      |
| 25        | 60BTB25 H      |
| 26        | 60BTB26 H      |
| 27        | 60BTB27 H      |
| 28        | 60BTB28 H      |
| 30        | 60BTB30 H      |



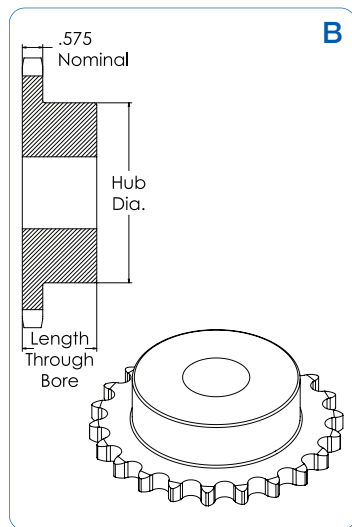
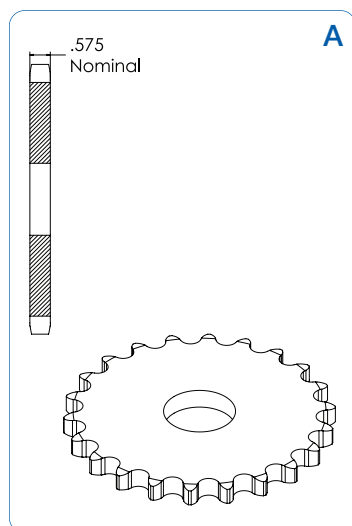
## Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |          | Type | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|-----------|------------|----------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C        |      | With Hub      | Rim Only |
| 11        | 60BTB11        | 1008    | 3.004            | 2.662          | 1         | 7/8        | 1-13/16* | B    | .6            | .3       |
| 12        | 60BTB12        | 1008    | 3.249            | 2.898          | 1         | 7/8        | 1-15/16  | B    | .8            | .3       |
| 13        | 60BTB13        | 1210    | 3.493            | 3.134          | 1-1/4     | 1          | 2-15/32* | B    | .8            | .6       |
| 14        | 60BTB14        | 1210    | 3.736            | 3.371          | 1-1/4     | 1          | 2-15/32  | B    | 1.0           | .6       |
| 15        | 60BTB15        | 1610    | 3.979            | 3.607          | 1-5/8     | 1          | 2-25/32  | B    | 1.0           | .9       |
| 16        | 60BTB16        | 1610    | 4.221            | 3.844          | 1-5/8     | 1          | 3        | B    | 1.4           | .9       |
| 17        | 60BTB17        | 1610    | 4.462            | 4.082          | 1-5/8     | 1          | 3-1/4    | B    | 1.8           | .9       |
| 18        | 60BTB18        | 1610    | 4.704            | 4.319          | 1-5/8     | 1          | 3-1/4    | B    | 1.9           | .9       |
| 19        | 60BTB19        | 1610    | 4.945            | 4.557          | 1-5/8     | 1          | 3-1/4    | B    | 2.2           | .9       |
| 20        | 60BTB20        | 2012    | 5.185            | 4.794          | 2         | 1-1/4      | 3-9/16   | B    | 2.2           | 1.7      |
| 21        | 60BTB21        | 2012    | 5.426            | 5.032          | 2         | 1-1/4      | 3-9/16   | B    | 2.5           | 1.7      |
| 22        | 60BTB22        | 2012    | 5.666            | 5.270          | 2         | 1-1/4      | 3-9/16   | B    | 2.8           | 1.7      |
| 23        | 60BTB23        | 2012    | 5.907            | 5.508          | 2         | 1-1/4      | 3-9/16   | B    | 3.1           | 1.7      |
| 24        | 60BTB24        | 2012    | 6.147            | 5.746          | 2         | 1-1/4      | 3-9/16   | B    | 3.4           | 1.7      |
| 25        | 60BTB25        | 2012    | 6.387            | 5.984          | 2         | 1-1/4      | 3-9/16   | B    | 3.7           | 1.7      |
| 26        | 60BTB26        | 2012    | 6.627            | 6.222          | 2         | 1-1/4      | 3-9/16   | B    | 4.0           | 1.7      |
| 27        | 60BTB27        | 2012    | 6.867            | 6.416          | 2         | 1-1/4      | 3-9/16   | B    | 4.2           | 1.7      |
| 28        | 60BTB28        | 2012    | 7.107            | 6.699          | 2         | 1-1/4      | 3-9/16   | B    | 4.6           | 1.7      |
| 30        | 60BTB30        | 2012    | 7.586            | 7.175          | 2         | 1-1/4      | 3-9/16   | B    | 5.2           | 1.7      |
| 32        | 60BTB32        | 2012    | 8.065            | 7.652          | 2         | 1-1/4      | 3-9/16   | B    | 5.6           | 1.7      |
| 35        | 60BTB35        | 2012    | 8.783            | 8.367          | 2         | 1-1/4      | 3-9/16   | B    | 6.4           | 1.7      |
| 36        | 60BTB36        | 2012    | 9.022            | 8.605          | 2         | 1-1/4      | 3-9/16   | B    | 6.6           | 1.7      |
| 40        | 60BTB40        | 2012    | 9.980            | 9.559          | 2         | 1-1/4      | 3-9/16   | B    | 8.3           | 1.7      |
| 42        | 60BTB42        | 2012    | 10.458           | 10.036         | 2         | 1-1/4      | 3-9/16   | B    | 10.0          | 1.7      |
| 45        | 60BTB45        | 2012    | 11.175           | 10.752         | 2         | 1-1/4      | 3-9/16   | B    | 11.5          | 1.7      |
| 48        | 60BTB48        | 2012    | 11.893           | 11.467         | 2         | 1-1/4      | 3-9/16   | B    | 13.2          | 1.7      |
| 54        | 60BTB54        | 2517    | 13.327           | 12.889         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 17.1          | 3.5      |
| 60        | 60BTB60        | 2517    | 14.761           | 14.330         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 21.0          | 3.5      |
| 70        | 60BTB70        | 2517    | 17.150           | 16.717         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 27.6          | 3.5      |
| 72        | 60BTB72        | 2517    | 17.628           | 17.194         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 30.0          | 3.5      |
| 80        | 60BTB80        | 2517    | 19.539           | 19.103         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 36.3          | 3.5      |
| 84        | 60BTB84        | 2517    | 20.494           | 20.058         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 40.6          | 3.5      |

\* Has recessed groove in hub for chain clearance.

# No. 80 Sprockets

1" Pitch – Single – Types A and B

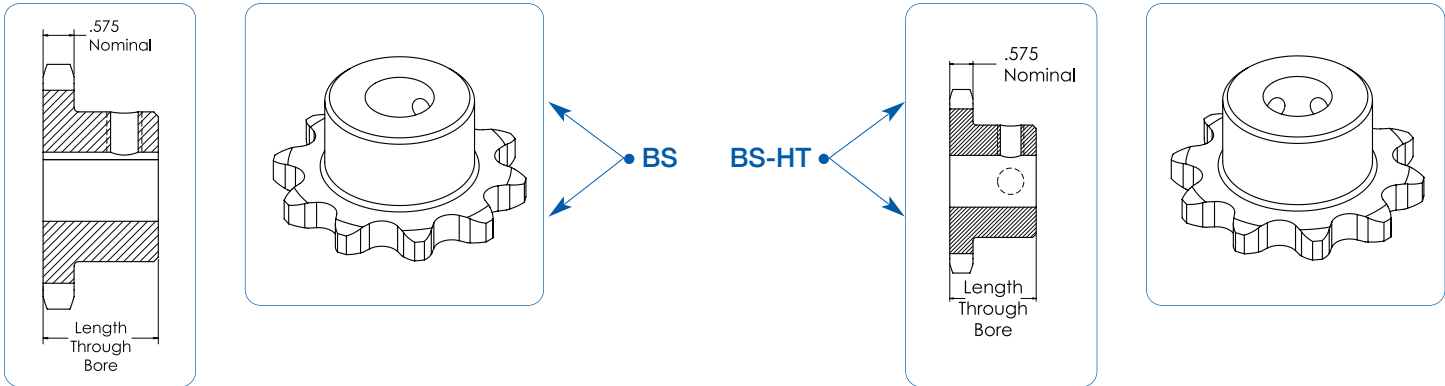


| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches)<br>Stock | Rec. Max. | Hub (inches)<br>Dia. | Length Thru | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Weight Lbs. (App.) |
|-----------|----------------|------------------|------|------------------------|-----------|----------------------|-------------|--------------------|------|----------------|------------|--------------------|
| 8         | 80B8           | 3.010            | B    | 1                      | 1         | 1-5/16*              | 1-5/8       | 1.4                | A    | 80A9           | 15/16      | .8                 |
| 9         | 80B9           | 3.350            | B    | 1                      | 1-5/16    | 2-1/4*               | 1-5/8       | 1.6                | A    | 80A10          | 15/16      | 1.0                |
| 10        | 80B10          | 3.680            | B    | 1                      | 1-1/2     | 2-9/16*              | 1-5/8       | 2.2                | A    | 80A11          | 15/16      | 1.3                |
| 11        | 80B11          | 4.010            | B    | 1                      | 1-5/8     | 2-13/16*             | 1-5/8       | 3.2                | A    | 80A12          | 15/16      | 1.5                |
| 12        | 80B12          | 4.330            | B    | 1                      | 1-7/8     | 3-1/8*               | 1-5/8       | 3.4                | A    | 80A13          | 15/16      | 1.8                |
| 13        | 80B13          | 4.660            | B    | 1                      | 2         | 3                    | 1-1/2       | 3.5                | A    | 80A14          | 15/16      | 2.2                |
| 14        | 80B14          | 4.980            | B    | 1                      | 2-1/4     | 3-1/4                | 1-1/2       | 4.1                | A    | 80A15          | 15/16      | 2.5                |
| 15        | 80B15          | 5.300            | B    | 1                      | 2-1/2     | 3-13/16              | 1-1/2       | 5.3                | A    | 80A16          | 15/16      | 2.9                |
| 16        | 80B16          | 5.630            | B    | 1                      | 2-3/4     | 4                    | 1-1/2       | 5.9                | A    | 80A17          | 15/16      | 3.3                |
| 17        | 80B17          | 5.950            | B    | 1                      | 2-3/4     | 4                    | 1-1/2       | 6.6                | A    | 80A18          | 15/16      | 3.7                |
| 18        | 80B18          | 6.270            | B    | 1                      | 2-3/4     | 4-1/4                | 1-1/2       | 7.3                | A    | 80A19          | 15/16      | 4.1                |
| 19        | 80B19          | 6.590            | B    | 1                      | 2-3/4     | 4-1/4                | 1-1/2       | 7.8                | A    | 80A20          | 15/16      | 4.7                |
| 20        | 80B20          | 6.910            | B    | 1                      | 2-3/4     | 4-1/4                | 1-1/2       | 8.4                | A    | 80A21          | 15/16      | 4.9                |
| 21        | 80B21          | 7.240            | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 9.4                | A    | 80A22          | 15/16      | 5.5                |
| 22        | 80B22          | 7.560            | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 10.0               | A    | 80A23          | 15/16      | 6.3                |
| 23        | 80B23          | 7.880            | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 10.7               | A    | 80A24          | 15/16      | 6.7                |
| 24        | 80B24          | 8.200            | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 11.3               | A    | 80A25          | 15/16      | 7.2                |
| 25        | 80B25          | 8.520            | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 11.9               | A    | 80A26          | 1-3/16     | 7.8                |
| 26        | 80B26          | 8.840            | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 14.3               | A    | 80A27          | 1-3/16     | 8.6                |
| 27        | 80B27          | 9.160            | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 15.4               | A    | 80A28          | 1-3/16     | 9.3                |
| 28        | 80B28          | 9.480            | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 16.0               | A    | 80A29          | 1-3/16     | 9.8                |
| 29        | 80B29          | 9.800            | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 17.1               | A    | 80A30          | 1-3/16     | 10.7               |
| 30        | 80B30          | 10.110           | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 17.4               | A    | 80A31          | 1-3/16     | 11.3               |
| 31        | 80B31          | 10.430           | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 18.7               | A    | 80A32          | 1-3/16     | 12.1               |
| 32        | 80B32          | 10.750           | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 19.5               | A    | 80A33          | 1-3/16     | 13.6               |
| 33        | 80B33          | 11.070           | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 19.6               | A    | 80A34          | 1-3/16     | 14.3               |
| 34        | 80B34          | 11.390           | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 21.3               | A    | 80A35          | 1-3/16     | 14.8               |
| 35        | 80B35          | 11.710           | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 22.1               | A    | 80A36          | 1-3/16     | 16.1               |
| 36        | 80B36          | 12.030           | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 23.1               | A    | 80A37          | 1-3/16     | 16.8               |
| 37        | 80B37          | 12.349           | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 24.7               | A    | 80A38          | 1-3/16     | 17.2               |
| 38        | 80B38          | 12.670           | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 25.6               | A    | 80A39          | 1-3/16     | 17.9               |
| 39        | 80B39          | 12.990           | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 26.7               | A    | 80A40          | 1-3/16     | 18.9               |
| 40        | 80B40          | 13.310           | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 27.8               | A    | 80A41          | 1-1/4      | 21.0               |
| 41        | 80B41          | 13.630           | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 28.7               | A    | 80A42          | 1-1/4      | 21.8               |
| 42        | 80B42          | 13.940           | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 28.7               | A    | 80A43          | 1-1/4      | 23.6               |
| 43        | 80B43          | 14.263           | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 29.9               | A    | 80A44          | 1-1/4      | 24.3               |
| 44        | 80B44          | 14.580           | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 31.4               | A    | 80A45          | 1-1/4      | 25.2               |
| 45        | 80B45          | 14.900           | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 33.1               | A    | 80A46          | 1-1/4      | 26.6               |
| 46        | 80B46          | 15.220           | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 34.0               | A    | 80A47          | 1-1/4      | 26.4               |
| 47        | 80B47          | 15.540           | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 35.5               | A    | 80A48          | 1-1/4      | 27.8               |
| 48        | 80B48          | 15.860           | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 35.8               | A    | 80A49          | 1-1/4      | 28.9               |
| 49        | 80B49          | 16.180           | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 37.3               | A    | 80A50          | 1-1/4      | 30.9               |
| 50        | 80B50          | 16.500           | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 37.3               | A    | 80A51          | 1-1/4      | 32.2               |
| 51        | 80B51          | 16.813           | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 44.7               | A    | 80A52          | 1-1/4      | 33.0               |
| 52        | 80B52          | 17.132           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A53          | 1-1/4      | 34.9               |
| 53        | 80B53          | 17.451           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A54          | 1-1/4      | 36.6               |
| 54        | 80B54          | 17.770           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A55          | 1-1/4      | 37.5               |
| 55        | 80B55          | 18.088           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A56          | 1-1/4      | 39.4               |
| 56        | 80B56          | 18.407           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A57          | 1-1/4      | 43.4               |
| 57        | 80B57          | 18.725           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A58          | 1-1/4      | 41.3               |
| 58        | 80B58          | 19.044           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A59          | 1-1/4      | 42.9               |
| 59        | 80B59          | 19.363           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A60          | 1-1/4      | 45.3               |
| 60        | 80B60          | 19.680           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A61          | 1-1/4      | 45.3               |
| 61        | 80B61          | 20.000           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A62          | 1-1/4      | 45.3               |
| 62        | 80B62          | 20.320           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A63          | 1-1/4      | 45.3               |
| 63        | 80B63          | 20.640           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A64          | 1-1/4      | 45.3               |
| 64        | 80B64          | 20.960           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A65          | 1-1/4      | 45.3               |
| 65        | 80B65          | 21.280           | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 44.7               | A    | 80A66          | 1-1/4      | 45.3               |

\* Has recessed groove in hub for chain clearance.

## No. 80 Sprockets

1" Pitch – Single – Type “BS” and Type “BS” with Hardened Teeth



## BS

| No. Teeth | Catalog Number | Outside Dia. | Length Thru Bore | Weight Lbs. (App.) | Stock Finished Bores<br>Includes Keyway & Setscrews |       |        |       |       |        |       |        |       |       |       |         |          |
|-----------|----------------|--------------|------------------|--------------------|-----------------------------------------------------|-------|--------|-------|-------|--------|-------|--------|-------|-------|-------|---------|----------|
| 9         | 80BS9          | 3.350        | 1-5/8            | 1.6                | 1                                                   | 1-1/8 | 1-3/16 | 1-1/4 |       |        |       |        |       |       |       |         |          |
| 10        | 80BS10         | 3.368        | 1-5/8            | 1.7                | 1                                                   | 1-1/8 | 1-3/16 | 1-1/4 |       |        |       |        |       |       |       |         |          |
| 11        | 80BS11         | 4.010        | 1-5/8            | 1.8                | 1                                                   | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-9/16 | 1-5/8 |       |       |         |          |
| 12        | 80BS12         | 4.330        | 1-5/8            | 3.0                | 1                                                   | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-9/16 | 1-5/8 | 1-3/4 |       |         |          |
| 13        | 80BS13         | 4.660        | 1-1/2            | 3.5                | 1                                                   | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-9/16 | 1-5/8 | 1-3/4 | 1-7/8 | 1-15/16 | 2        |
| 14        | 80BS14         | 4.980        | 1-1/2            | 4.1                | 1                                                   | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-9/16 | 1-5/8 | 1-3/4 | 1-7/8 | 1-15/16 | 2        |
| 15        | 80BS15         | 5.300        | 1-1/2            | 5.2                | 1                                                   | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-9/16 | 1-5/8 | 1-3/4 | 1-7/8 | 1-15/16 | 2        |
| 16        | 80BS16         | 5.630        | 1-1/2            | 6.1                | 1                                                   |       |        | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-9/16 | 1-5/8 | 1-3/4 |       | 1-15/16 | 2        |
| 17        | 80BS17         | 5.950        | 1-1/2            | 7.0                | 1                                                   |       |        | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 |        | 1-5/8 | 1-3/4 |       | 1-15/16 | 2 2-7/16 |
| 18        | 80BS18         | 6.270        | 1-1/2            | 7.8                | 1                                                   |       |        | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 |        | 1-5/8 | 1-3/4 |       | 1-15/16 | 2 2-7/16 |
| 19        | 80BS19         | 6.590        | 1-1/2            | 8.3                |                                                     |       |        | 1-1/4 |       | 1-7/16 | 1-1/2 |        | 1-5/8 | 1-3/4 |       | 1-15/16 | 2 2-7/16 |
| 20        | 80BS20         | 6.910        | 1-1/2            | 9.5                |                                                     |       |        |       |       | 1-7/16 | 1-1/2 |        | 1-5/8 | 1-3/4 |       | 1-15/16 | 2 2-7/16 |

Keyway is on center line of tooth

## BS – Hardened Teeth

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (App.) | Stock Finished Bores<br>Includes Keyway & Setscrews |       |        |       |       |        |       |       |       |       |         |          |  |
|-----------|----------------|------------------|------------------|--------------------|-----------------------------------------------------|-------|--------|-------|-------|--------|-------|-------|-------|-------|---------|----------|--|
| 9         | 80BS9HT        | 3.350            | 1-5/8            | 1.6                | 1                                                   | 1-1/8 | 1-3/16 | 1-1/4 |       |        |       |       |       |       |         |          |  |
| 10        | 80BS10HT       | 3.368            | 1-5/8            | 1.7                | 1                                                   | 1-1/8 | 1-3/16 | 1-1/4 |       |        |       |       |       |       |         |          |  |
| 11        | 80BS11HT       | 4.010            | 1-5/8            | 1.8                | 1                                                   | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-5/8 |       |       |         |          |  |
| 12        | 80BS12HT       | 4.330            | 1-5/8            | 3.0                | 1                                                   | 1-1/8 |        | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-5/8 | 1-3/4 |       |         |          |  |
| 13        | 80BS13HT       | 4.660            | 1-1/2            | 3.5                | 1                                                   | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-5/8 | 1-3/4 | 1-7/8 | 1-15/16 | 2        |  |
| 14        | 80BS14HT       | 4.980            | 1-1/2            | 4.1                | 1                                                   | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-5/8 | 1-3/4 | 1-7/8 | 1-15/16 | 2        |  |
| 15        | 80BS15HT       | 5.300            | 1-1/2            | 5.2                | 1                                                   | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-5/8 | 1-3/4 | 1-7/8 | 1-15/16 | 2        |  |
| 16        | 80BS16HT       | 5.630            | 1-1/2            | 6.1                | 1                                                   |       |        | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-5/8 | 1-3/4 |       | 1-15/16 | 2        |  |
| 17        | 80BS17HT       | 5.950            | 1-1/2            | 7.0                | 1                                                   |       |        | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-5/8 | 1-3/4 |       | 1-15/16 | 2 2-7/16 |  |
| 18        | 80BS18HT       | 6.270            | 1-1/2            | 7.8                | 1                                                   |       |        | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | 1-5/8 | 1-3/4 |       | 1-15/16 | 2 2-7/16 |  |
| 19        | 80BS19HT       | 6.590            | 1-1/2            | 8.3                |                                                     |       |        | 1-1/4 |       | 1-7/16 | 1-1/2 | 1-5/8 | 1-3/4 |       | 1-15/16 | 2 2-7/16 |  |
| 20        | 80BS20HT       | 6.910            | 1-1/2            | 9.5                |                                                     |       |        |       |       | 1-7/16 | 1-1/2 | 1-5/8 | 1-3/4 |       | 1-15/16 | 2 2-7/16 |  |

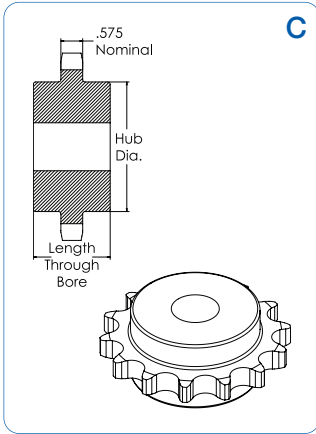
Keyway is on center line of tooth



# No. 80 Sprockets

1" Pitch – Single – Type C, Double Single-Type A, and Double Single-Taper Bushed

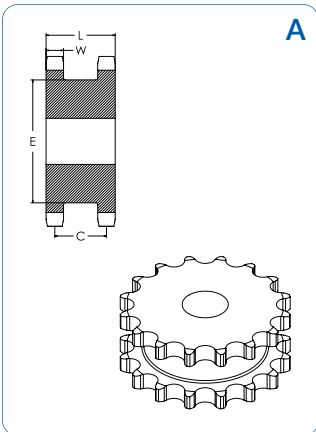
## Type C



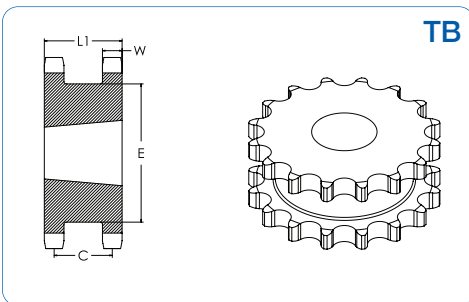
| No. Teeth | Catalog Number | Outside Diameter | Bore Inches |           | Hub Inches |        | Weight Lbs. (App.) |
|-----------|----------------|------------------|-------------|-----------|------------|--------|--------------------|
|           |                |                  | Stock       | Rec. Max. | Dia.       | Length |                    |
| 11        | 80C11          | 4.010            | 1           | 1-5/8     | 2-29/32*   | 2-3/8  | 3.87               |
| 12        | 80C12          | 4.330            | 1           | 1-7/8     | 3-1/8*     | 2-3/8  | 4.31               |
| 13        | 80C13          | 4.660            | 1           | 2         | 3-1/64     | 2-3/8  | 5.32               |
| 14        | 80C14          | 4.980            | 1           | 2-1/4     | 3-11/32    | 2-3/8  | 6.44               |
| 15        | 80C15          | 5.300            | 1           | 2-1/2     | 3-13/16    | 2-3/8  | 7.75               |
| 16        | 80C16          | 5.630            | 1           | 2-3/4     | 4          | 2-3/8  | 8.81               |

\* Has recessed groove in hub for chain clearance.

## Double Single – Type A



| No. Teeth | Catalog Number | Diameters        |                | Type | Min. Bore | Max. Bore | Dimensions |       |         |        | Wt. Rim Only |
|-----------|----------------|------------------|----------------|------|-----------|-----------|------------|-------|---------|--------|--------------|
|           |                | Outside Diameter | Pitch Diameter |      |           |           | L          | C     | E       | w Nom. |              |
| 13        | DS80A13        | 4.660            | 4.179          | A    | 1         | 2         | 2-3/16     | 1-5/8 | 3-1/64  | .575   | 6.5          |
| 14        | DS80A14        | 4.980            | 4.494          | A    | 1         | 2-1/4     | 2-3/16     | 1-5/8 | 3-11/32 | .575   | 7.7          |
| 15        | DS80A15        | 5.300            | 4.810          | A    | 1         | 2-3/8     | 2-3/16     | 1-5/8 | 3-13/16 | .575   | 9.1          |
| 16        | DS80A16        | 5.630            | 5.126          | A    | 1         | 2-11/16   | 2-3/16     | 1-5/8 | 4       | .575   | 9.5          |
| 17        | DS80A17        | 5.950            | 5.442          | A    | 1         | 2-13/16   | 2-3/16     | 1-5/8 | 4-5/16  | .575   | 10.8         |
| 18        | DS80A18        | 6.270            | 5.759          | A    | 1         | 3-1/8     | 2-3/16     | 1-5/8 | 4-41/64 | .575   | 12.1         |
| 19        | DS80A19        | 6.590            | 6.076          | A    | 1         | 3-1/4     | 2-3/16     | 1-5/8 | 4-61/64 | .575   | 12.8         |
| 20        | DS80A20        | 6.910            | 6.392          | A    | 1         | 3-1/2     | 2-3/16     | 1-5/8 | 5-9/32  | .575   | 14.0         |
| 21        | DS80A21        | 7.240            | 6.710          | A    | 1         | 3-3/4     | 2-3/16     | 1-5/8 | 5-19/32 | .575   | 16.5         |
| 22        | DS80A22        | 7.560            | 7.027          | A    | 1         | 3-7/8     | 2-3/16     | 1-5/8 | 5-59/64 | .575   | 18.4         |



## Double Single – Taper Bushed

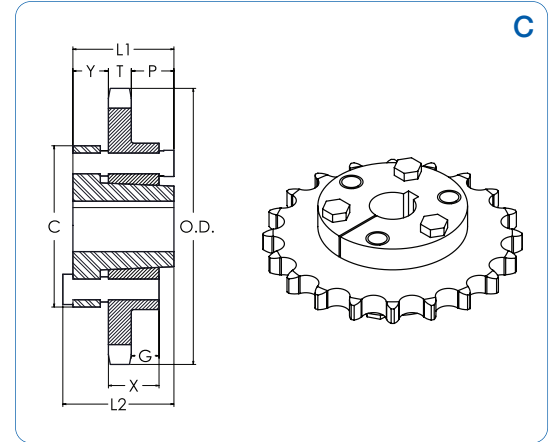
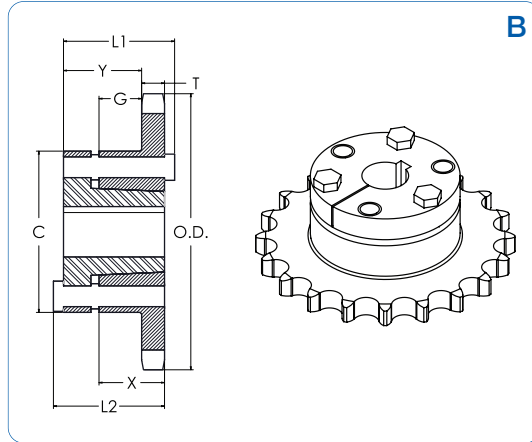
| No. Teeth | Catalog Number | Bushing | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions     |       |         |        | Rim Only |
|-----------|----------------|---------|------------------|----------------|-----------|-----------|------|----------------|-------|---------|--------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub> | C     | E       | W Nom. |          |
| 17        | DS80ATB17H     | 2517    | 5.950            | 5.442          | 1/2       | 2-1/2     | A    | 2-3/16         | 1-5/8 | 4-5/16  | 1-3/4  | 7.6      |
| 18        | DS80ATB18H     | 2517    | 6.270            | 5.759          | 1/2       | 2-1/2     | A    | 2-3/16         | 1-5/8 | 4-3/4   | 1-3/4  | 8.7      |
| 19        | DS80ATB19H     | 3020    | 6.590            | 6.076          | 15/16     | 3         | A    | 2-3/16         | 1-5/8 | 4-61/64 | 2      | 9.7      |
| 20        | DS80ATB20H     | 3020    | 6.910            | 6.392          | 15/16     | 3         | A    | 2-3/16         | 1-5/8 | 5-9/32  | 2      | 10.0     |
| 21        | DS80ATB21H     | 3020    | 7.240            | 6.710          | 15/16     | 3         | A    | 2-3/16         | 1-5/8 | 5-19/32 | 2      | 12.0     |
| 23        | DS80ATB23H     | 3020    | 7.880            | 7.344          | 15/16     | 3         | A    | 2-3/16         | 1-5/8 | 6-15/64 | 2      | 14.5     |

## No. 80 Sprockets

1" Pitch – Single – Type “QD” and Type “QD” with Hardened Teeth

### QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 11        | 80SH11 H       |
| 12        | 80SH12 H       |
| 13        | 80SDS13 H      |
| 14        | 80SDS14 H      |
| 15        | 80SK15 H       |
| 16        | 80SK16 H       |
| 17        | 80SK17 H       |
| 18        | 80SK18 H       |
| 19        | 80SK19 H       |
| 20        | 80SF20 H       |
| 21        | 80SF21 H       |
| 22        | 80SF22 H       |
| 23        | 80SF23 H       |
| 24        | 80SF24 H       |
| 25        | 80SF25 H       |
| 26        | 80SF26 H       |
| 27        | 80SF27 H       |
| 28        | 80SF28 H       |
| 30        | 80SF30 H       |



### QD

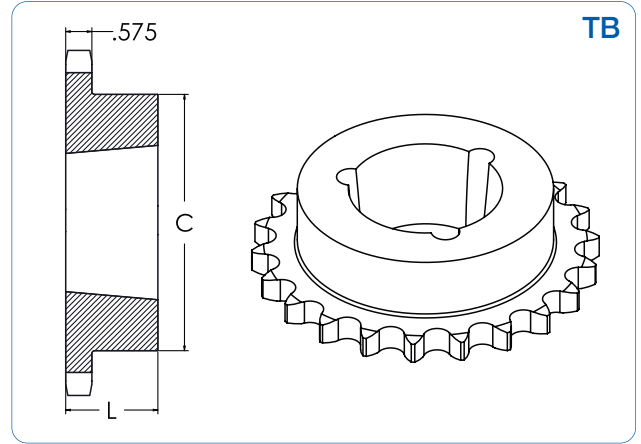
| No. Teeth | Catalog Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions     |                |         |         |        |         |       |      | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|------|-----------|----------------|----------------|---------|---------|--------|---------|-------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C       | Y       | P      | G       | X     | T    | With Hub      | Rim Only |
| 11        | 80SH11         | SH      | 4.010            | 3.550          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 21/32   |        | 15/64   | 13/16 | .575 | 2.0           | 1.0      |
| 12        | 80SH12         | SH      | 4.330            | 3.864          | B    | 1-5/8     | 1-7/16         | 1-7/16         | 2-11/16 | 21/32   |        | 15/64   | 13/16 | .575 | 2.4           | 1.4      |
| 13        | 80SDS13        | SDS     | 4.660            | 4.179          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 47/64   |        | 11/64   | 3/4   | .575 | 2.5           | 1.5      |
| 14        | 80SDS14        | SDS     | 4.980            | 4.494          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16  | 47/64   |        | 11/64   | 3/4   | .575 | 2.8           | 1.8      |
| 15        | 80SK15         | SK      | 5.300            | 4.810          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-19/64 |        | 21/32   | 1-1/4 | .575 | 4.5           | 2.5      |
| 16        | 80SK16         | SK      | 5.630            | 5.126          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-19/64 |        | 21/32   | 1-1/4 | .575 | 5.1           | 3.1      |
| 17        | 80SK17         | SK      | 5.950            | 5.442          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-19/64 |        | 21/32   | 1-1/4 | .575 | 5.5           | 3.5      |
| 18        | 80SK18         | SK      | 6.270            | 5.759          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-19/64 |        | 21/32   | 1-1/4 | .575 | 5.9           | 3.9      |
| 19        | 80SK19         | SK      | 6.590            | 6.076          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8   | 1-19/64 |        | 21/32   | 1-1/4 | .575 | 6.4           | 4.4      |
| 20        | 80SF20         | SF      | 6.910            | 6.392          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 8.3           | 5.3      |
| 21        | 80SF21         | SF      | 7.240            | 6.710          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 8.7           | 5.7      |
| 22        | 80SF22         | SF      | 7.560            | 7.027          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 9.3           | 6.3      |
| 23        | 80SF23         | SF      | 7.880            | 7.344          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 9.8           | 6.8      |
| 24        | 80SF24         | SF      | 8.200            | 7.661          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 10.5          | 7.5      |
| 25        | 80SF25         | SF      | 8.520            | 7.979          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 11.0          | 8.0      |
| 26        | 80SF26         | SF      | 8.840            | 8.296          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 11.6          | 8.6      |
| 27        | 80SF27         | SF      | 9.160            | 8.614          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 12.4          | 9.4      |
| 28        | 80SF28         | SF      | 9.480            | 8.931          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 13.2          | 10.2     |
| 30        | 80SF30         | SF      | 10.110           | 9.567          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 14.3          | 11.3     |
| 32        | 80SF32         | SF      | 10.750           | 10.202         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 16.0          | 13.0     |
| 33        | 80SF33         | SF      | 11.070           | 10.520         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 16.5          | 13.5     |
| 34        | 80SF34         | SF      | 11.390           | 10.838         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 17.1          | 14.1     |
| 35        | 80SF35         | SF      | 11.710           | 11.156         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 18.5          | 15.5     |
| 36        | 80SF36         | SF      | 12.030           | 11.474         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 19.9          | 16.9     |
| 40        | 80SF40         | SF      | 13.310           | 12.746         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 23.6          | 20.6     |
| 42        | 80SF42         | SF      | 13.940           | 13.382         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 25.4          | 22.4     |
| 45        | 80SF45         | SF      | 14.900           | 14.336         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 28.1          | 25.1     |
| 48        | 80SF48         | SF      | 15.860           | 15.290         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 31.6          | 28.6     |
| 54        | 80SF54         | SF      | 17.770           | 17.198         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 39.8          | 36.8     |
| 60        | 80SF60         | SF      | 19.680           | 19.107         | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8   | 1-27/64 |        | 21/32   | 1-1/4 | .575 | 48.8          | 45.8     |
| 70        | 80E70          | E       | 22.870           | 22.289         | C    | 3-1/2     | 2-5/8          | 2-15/16        | 6       | 7/8     | 1-3/16 | 1-3/64  | 1-5/8 | .575 | 65.6          | 55.6     |
| 72        | 80E72          | E       | 23.500           | 22.926         | C    | 3-1/2     | 2-5/8          | 2-15/16        | 6       | 7/8     | 1-3/16 | 1-3/64  | 1-5/8 | .575 | 69.3          | 59.3     |
| 80        | 80E80          | E       | 26.050           | 25.471         | C    | 3-1/2     | 2-5/8          | 2-15/16        | 6       | 7/8     | 1-3/16 | 1-3/64  | 1-5/8 | .575 | 79.2          | 69.2     |
| 84        | 80E84          | E       | 27.330           | 26.744         | C    | 3-1/2     | 2-5/8          | 2-15/16        | 6       | 7/8     | 1-3/16 | 1-3/64  | 1-5/8 | .575 | 84.9          | 74.9     |
| 96        | 80E96          | E       | 31.150           | 30.563         | C    | 3-1/2     | 2-5/8          | 2-15/16        | 6       | 7/8     | 1-3/16 | 1-3/64  | 1-5/8 | .575 | 108           | 97.5     |
| 112       | 80F112         | F       | 36.240           | 35.655         | C    | 3-15/16   | 3-5/8          | 4              | 6-5/8   | 1       | 2-1/16 | 1-59/64 | 2-1/2 | .575 | 145           | 134      |

# No. 80 Sprockets

1" Pitch – Single – Type Taper Bushed and Type Taper Bushed with Hardened Teeth

Single – Taper Bushed with Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 10        | 80BTB10 H      |
| 11        | 80BTB11 H      |
| 12        | 80BTB12 H      |
| 13        | 80BTB13 H      |
| 14        | 80BTB14 H      |
| 15        | 80BTB15 H      |
| 16        | 80BTB16 H      |
| 17        | 80BTB17 H      |
| 18        | 80BTB18 H      |
| 19        | 80BTB19 H      |
| 20        | 80BTB20 H      |
| 21        | 80BTB21 H      |
| 22        | 80BTB22 H      |
| 23        | 80BTB23 H      |
| 24        | 80BTB24 H      |
| 25        | 80BTB25 H      |
| 26        | 80BTB26 H      |
| 27        | 80BTB27 H      |
| 28        | 80BTB28 H      |
| 30        | 80BTB30 H      |



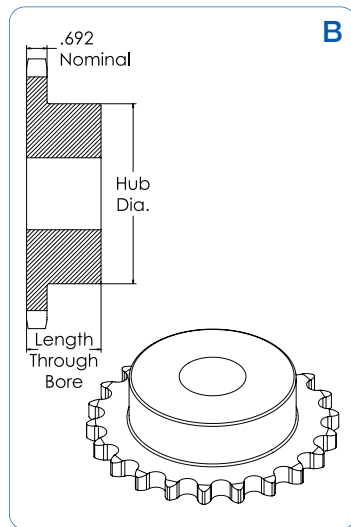
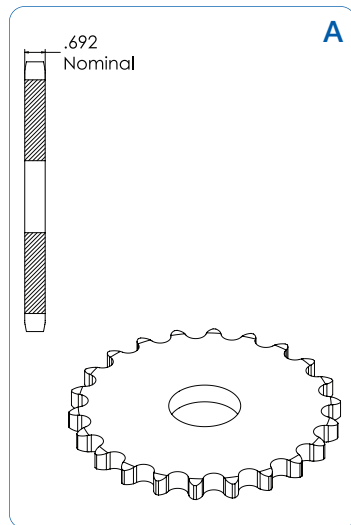
## Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |          | Type | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|-----------|------------|----------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C        |      | With Hub      | Rim Only |
| 10        | 80BTB10        | 1215    | 3.678            | 3.236          | 1-1/4     | 1-1/2      | 2-3/8*   | B    | 1.1           | .8       |
| 11        | 80BTB11        | 1215    | 4.006            | 3.549          | 1-1/4     | 1-1/2      | 2-15/32* | B    | 1.5           | .8       |
| 12        | 80BTB12        | 1615    | 4.332            | 3.864          | 1-5/8     | 1-1/2      | 3*       | B    | 1.8           | 1.2      |
| 13        | 80BTB13        | 1615    | 4.657            | 4.179          | 1-5/8     | 1-1/2      | 3        | B    | 2.3           | 1.2      |
| 14        | 80BTB14        | 1615    | 4.982            | 4.494          | 1-5/8     | 1-1/2      | 3-1/4    | B    | 2.5           | 1.2      |
| 15        | 80BTB15        | 1615    | 5.305            | 4.810          | 1-5/8     | 1-1/2      | 3-1/4    | B    | 2.7           | 1.2      |
| 16        | 80BTB16        | 2012    | 5.627            | 5.126          | 2         | 1-1/4      | 3-9/16   | B    | 2.8           | 1.7      |
| 17        | 80BTB17        | 2012    | 5.950            | 5.442          | 2         | 1-1/4      | 3-9/16   | B    | 3.1           | 1.7      |
| 18        | 80BTB18        | 2012    | 6.271            | 5.759          | 2         | 1-1/4      | 3-9/16   | B    | 2.6           | 1.7      |
| 19        | 80BTB19        | 2012    | 6.593            | 6.076          | 2         | 1-1/4      | 3-9/16   | B    | 4.1           | 1.7      |
| 20        | 80BTB20        | 2517    | 6.914            | 6.392          | 2-1/2     | 1-3/4      | 4-1/4    | B    | 5.5           | 1.7      |
| 21        | 80BTB21        | 2517    | 7.235            | 6.710          | 2-1/2     | 1-3/4      | 4-1/4    | B    | 6.0           | 3.5      |
| 22        | 80BTB22        | 2517    | 7.555            | 7.027          | 2-1/2     | 1-3/4      | 4-1/4    | B    | 6.5           | 3.5      |
| 23        | 80BTB23        | 2517    | 7.875            | 7.344          | 2-1/2     | 1-3/4      | 4-1/4    | B    | 7.0           | 3.5      |
| 24        | 80BTB24        | 2517    | 8.196            | 7.661          | 2-1/2     | 1-3/4      | 4-1/4    | B    | 7.5           | 3.5      |
| 25        | 80BTB25        | 2517    | 8.516            | 7.979          | 2-1/2     | 1-3/4      | 4-1/4    | B    | 8.1           | 3.5      |
| 26        | 80BTB26        | 2517    | 8.836            | 8.296          | 2-1/2     | 1-3/4      | 4-1/4    | B    | 8.8           | 3.5      |
| 27        | 80BTB27        | 2517    | 9.156            | 8.614          | 2-1/2     | 1-3/4      | 4-1/4    | B    | 9.0           | 3.5      |
| 28        | 80BTB28        | 2517    | 9.475            | 8.931          | 2-1/2     | 1-3/4      | 4-1/4    | B    | 9.5           | 3.5      |
| 30        | 80BTB30        | 2517    | 10.114           | 9.567          | 2-1/2     | 1-3/4      | 4-1/4    | B    | 11.5          | 3.5      |
| 32        | 80BTB32        | 2517    | 10.753           | 10.202         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 12.0          | 3.5      |
| 35        | 80BTB35        | 2517    | 11.711           | 11.156         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 15.2          | 3.5      |
| 36        | 80BTB36        | 2517    | 12.030           | 11.474         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 17.0          | 3.5      |
| 40        | 80BTB40        | 2517    | 13.306           | 12.746         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 21.0          | 3.5      |
| 45        | 80BTB45        | 2517    | 14.901           | 14.336         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 26.5          | 3.5      |
| 48        | 80BTB48        | 2517    | 15.857           | 15.290         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 29.5          | 3.5      |
| 54        | 80BTB54        | 2517    | 17.769           | 17.198         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 38.5          | 3.5      |
| 60        | 80BTB60        | 2517    | 19.681           | 19.107         | 2-1/2     | 1-3/4      | 4-1/4    | B    | 45.0          | 3.5      |
| 70        | 80BTB70        | 3020    | 22.867           | 22.289         | 3         | 2          | 5-1/4    | B    | 52.3          | 6.5      |
| 80        | 80BTB80        | 3020    | 26.052           | 25.471         | 3         | 2          | 5-1/4    | B    | 69.2          | 6.5      |

\* Has recessed groove in hub for chain clearance.

## No. 100 Sprockets

1 1/4" Pitch – Single – Types A and B

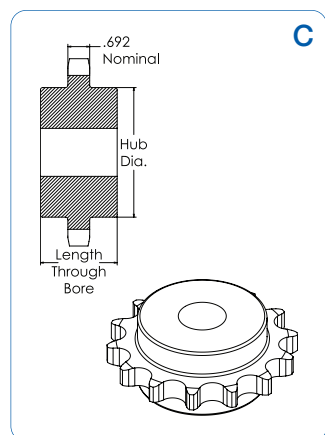


| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Weight Lbs. (App.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|--------------------|------|----------------|------------|--------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                    |      |                |            |                    |
| 7         |                | 3.350            |      |               |           |              |             |                    | A    | 100A7          | 1          | 1.2                |
| 8         | 100B8          | 3.770            | B    | 1             | 1-1/4     | 2-7/16*      | 1-7/8       | 2.3                | A    | 100A8          | 1          | 1.4                |
| 9         | 100B9          | 4.180            | B    | 1             | 1-5/8     | 2-13/16*     | 1-7/8       | 3.2                | A    | 100A9          | 1          | 1.6                |
| 10        | 100B10         | 4.600            | B    | 1             | 1-7/8     | 3-1/4*       | 1-7/8       | 4.1                | A    | 100A10         | 1          | 2.0                |
| 11        | 100B11         | 5.010            | B    | 1             | 2-1/4     | 3-9/16*      | 1-7/8       | 5.3                | A    | 40A11          | 1-1/4      | 2.5                |
| 12        | 100B12         | 5.420            | B    | 1             | 2-1/4     | 4*           | 1-7/8       | 6.4                | A    | 40A12          | 1-1/4      | 3.0                |
| 13        | 100B13         | 5.820            | B    | 1             | 2-3/8     | 3-7/8        | 1-5/8       | 6.6                | A    | 40A13          | 1-1/4      | 3.5                |
| 14        | 100B14         | 6.230            | B    | 1-1/4         | 2-3/4     | 4-3/16       | 1-5/8       | 7.4                | A    | 40A14          | 1-1/4      | 4.1                |
| 15        | 100B15         | 6.630            | B    | 1-1/4         | 3         | 4-1/2        | 1-3/4       | 9.2                | A    | 100A15         | 1-1/4      | 4.7                |
| 16        | 100B16         | 7.030            | B    | 1-1/4         | 3         | 4-1/2        | 1-3/4       | 9.9                | A    | 100A16         | 1-1/4      | 5.4                |
| 17        | 100B17         | 7.440            | B    | 1-5/16        | 3         | 4-1/2        | 1-3/4       | 10.8               | A    | 100A17         | 1-1/4      | 6.1                |
| 18        | 100B18         | 7.840            | B    | 1-5/16        | 3         | 4-1/2        | 1-3/4       | 11.5               | A    | 100A18         | 1-1/4      | 7.0                |
| 19        | 100B19         | 8.240            | B    | 1-5/16        | 3         | 4-1/2        | 2           | 13.1               | A    | 100A19         | 1-1/4      | 7.8                |
| 20        | 100B20         | 8.640            | B    | 1-5/16        | 3         | 4-1/2        | 2           | 14.2               | A    | 100A20         | 1-1/4      | 8.8                |
| 21        | 100B21         | 9.040            | B    | 1-5/16        | 3         | 4-1/2        | 2           | 15.3               | A    | 100A21         | 1-1/4      | 9.8                |
| 22        | 100B22         | 9.440            | B    | 1-5/16        | 3         | 4-1/2        | 2           | 16.1               | A    | 100A22         | 1-1/4      | 10.5               |
| 23        | 100B23         | 9.840            | B    | 1-1/4         | 3         | 4-1/2        | 2           | 17.2               | A    | 100A23         | 1-1/4      | 11.8               |
| 24        | 100B24         | 10.250           | B    | 1-1/4         | 3         | 4-1/2        | 2           | 19.2               | A    | 100A24         | 1-1/4      | 12.8               |
| 25        | 100B25         | 10.650           | B    | 1-1/4         | 3         | 4-1/2        | 2           | 19.5               | A    | 100A25         | 1-1/4      | 13.9               |
| 26        | 100B26         | 11.050           | B    | 1-1/4         | 3-5/16    | 5            | 2           | 21.7               | A    | 100A26         | 1-1/4      | 15.0               |
| 27        | 100B27         | 11.440           | B    | 1-1/4         | 3-5/16    | 5            | 2           | 23.0               | A    | 100A27         | 1-1/4      | 16.0               |
| 28        | 100B28         | 11.840           | B    | 1-1/4         | 3-5/16    | 5            | 2           | 24.4               | A    | 100A28         | 1-1/4      | 17.4               |
| 29        | 100B29         | 12.240           | B    | 1-1/4         | 3-5/16    | 5            | 2           | 25.0               | A    | 100A29         | 1-1/4      | 19.6               |
| 30        | 100B30         | 12.640           | B    | 1-1/4         | 3-5/16    | 5            | 2           | 26.9               | A    | 100A30         | 1-1/4      | 20.1               |
| 31        |                | 13.040           |      |               |           |              |             |                    | A    | 100A31         | 1-1/4      | 21.5               |
| 32        | 100B32         | 13.440           | B    | 1-1/4         | 3-5/16    | 5            | 2           | 29.8               | A    | 100A32         | 1-1/4      | 22.6               |
| 33        |                | 13.840           |      |               |           |              |             |                    | A    | 100A33         | 1-1/4      | 24.1               |
| 34        |                | 14.240           |      |               |           |              |             |                    | A    | 100A34         | 1-1/4      | 26.0               |
| 35        | 100B35         | 14.640           | B    | 1-1/4         | 3-5/16    | 5            | 2-1/2       | 36.9               | A    | 100A35         | 1-1/4      | 27.2               |
| 36        | 100B36         | 15.040           | B    | 1-1/4         | 3-5/16    | 5            | 2-1/2       | 38.6               | A    | 100A36         | 1-1/4      | 30.0               |
| 37        |                | 15.440           |      |               |           |              |             |                    | A    | 100A37         | 1-1/4      | 31.0               |
| 38        | 100B38         | 15.840           | B    | 1-1/4         | 3-5/16    | 5            | 2-1/2       | 41.5               | A    | 100A38         | 1-1/4      | 33.0               |
| 39        | 100B39         | 16.230           | B    | 1-1/4         | 3-5/16    | 5            | 2-1/2       | 43.6               | A    | 100A39         | 1-1/4      | 35.0               |
| 40        | 100B40         | 16.630           | B    | 1-1/4         | 3-5/16    | 5            | 2-1/2       | 46.9               | A    | 100A40         | 1-1/4      | 36.0               |
| 41        |                | 17.030           |      |               |           |              |             |                    | A    | 100A41         | 1-1/4      | 39.0               |
| 42        | 100B42         | 17.430           | B    | 1-1/4         | 3-5/16    | 5            | 2-1/2       | 50.4               | A    | 100A42         | 1-1/4      | 40.0               |
| 43        |                | 17.830           |      |               |           |              |             |                    | A    | 100A43         | 1-1/2      | 43.0               |
| 44        |                | 18.230           |      |               |           |              |             |                    | A    | 100A44         | 1-1/2      | 45.0               |
| 45        | 100B45         | 18.630           | B    | 1-1/2         | 3-5/16    | 5            | 2-1/2       | 54.0               | A    | 100A45         | 1-1/2      | 47.0               |
| 46        |                | 19.020           |      |               |           |              |             |                    | A    | 100A46         | 1-1/2      | 48.0               |
| 47        |                | 19.420           |      |               |           |              |             |                    | A    | 100A47         | 1-1/2      | 52.0               |
| 48        | 100B48         | 19.820           | B    | 1-1/2         | 4         | 6            | 2-1/2       | 66.0               | A    | 100A48         | 1-1/2      | 54.0               |
| 49        |                | 20.220           |      |               |           |              |             |                    | A    | 100A49         | 1-1/2      | 56.0               |
| 50        |                | 20.620           |      |               |           |              |             |                    | A    | 100A50         | 1-1/2      | 57.0               |
| 51        |                | 21.020           |      |               |           |              |             |                    | A    | 100A51         | 1-1/2      | 63.0               |
| 52        |                | 21.420           |      |               |           |              |             |                    | A    | 100A52         | 1-1/2      | 64.0               |
| 53        |                | 21.810           |      |               |           |              |             |                    | A    | 100A53         | 1-1/2      | 64.2               |
| 54        | 100C54         | 22.210           | C    | 1-1/2         | 4         | 6            | 3-1/4       | 78.0               | A    | 100A54         | 1-1/2      | 68.0               |
| 55        |                | 22.610           |      |               |           |              |             |                    | A    | 100A55         | 1-1/2      | 70.0               |
| 56        |                | 23.010           |      |               |           |              |             |                    | A    | 100A56         | 1-1/2      | 72.0               |
| 57        |                | 23.410           |      |               |           |              |             |                    | A    | 100A57         | 1-1/2      | 75.8               |
| 58        |                | 23.810           |      |               |           |              |             |                    | A    | 100A58         | 1-1/2      | 76.0               |
| 59        |                | 24.200           |      |               |           |              |             |                    | A    | 100A59         | 1-1/2      | 77.0               |

\* Has recessed groove in hub for chain clearance.

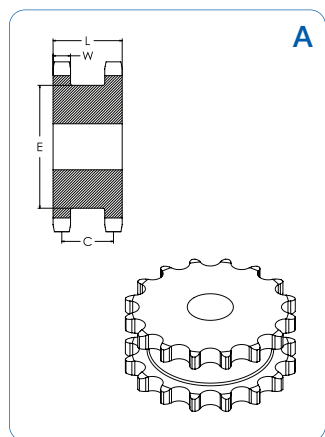
# No. 100 Sprockets

1 1/4" Pitch – Single – Type C, Double Single-Type A, and Double Single-Taper Bushed



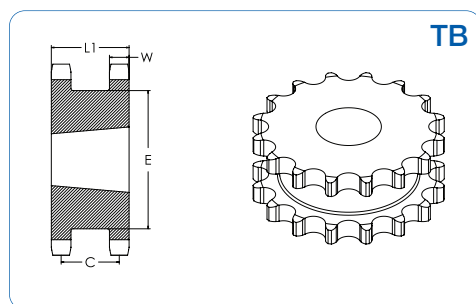
## Type C

| No. Teeth | Catalog Number | Outside Diameter | Bore Inches |           | Hub Inches |        | Weight Lbs. (App.) |
|-----------|----------------|------------------|-------------|-----------|------------|--------|--------------------|
|           |                |                  | Stock       | Rec. Max. | Dia.       | Length |                    |
| 10        | 100C10         | 4.600            | 1           | 1-7/8     | 3-3/32     | 2-7/8  | 6.13               |
| 11        | 100C11         | 5.010            | 1           | 2-1/4     | 3-9/16     | 2-7/8  | 7.12               |
| 12        | 100C12         | 5.420            | 1           | 2-1/4     | 4          | 2-7/8  | 8.37               |
| 13        | 100C13         | 5.820            | 1           | 2-3/8     | 3-57/64    | 2-7/8  | 10.00              |
| 14        | 100C14         | 6.230            | 1-1/4       | 2-3/4     | 4-3/16     | 2-7/8  | 12.19              |



## Double Single – Type A

| No. Teeth | Catalog Number | Diameters        |                | Type | Min. Bore | Max. Bore | Dimensions |   |         |        | Wt. Rim Only |
|-----------|----------------|------------------|----------------|------|-----------|-----------|------------|---|---------|--------|--------------|
|           |                | Outside Diameter | Pitch Diameter |      |           |           | L          | C | E       | w Nom. |              |
| 13        | DS100A13       | 5.820            | 5.223          | A    | 1         | 2-1/2     | 2-11/16    | 2 | 3-25/32 | .692   | 11.2         |
| 14        | DS100A14       | 6.230            | 5.617          | A    | 1-1/4     | 2-3/4     | 2-11/16    | 2 | 4-3/16  | .692   | 13.5         |
| 15        | DS100A15       | 6.630            | 6.012          | A    | 1-1/4     | 3-1/16    | 2-11/16    | 2 | 4-19/32 | .692   | 16.8         |
| 16        | DS100A16       | 7.030            | 6.407          | A    | 1-1/4     | 3-1/4     | 2-11/16    | 2 | 4-1/2   | .692   | 19.3         |
| 17        | DS100A17       | 7.440            | 6.803          | A    | 1-1/4     | 3-5/8     | 2-11/16    | 2 | 4-29/32 | .692   | 21.5         |
| 18        | DS100A18       | 7.840            | 7.198          | A    | 1-1/4     | 3-3/4     | 2-11/16    | 2 | 5-9/32  | .692   | 23.0         |
| 19        | DS100A19       | 8.240            | 7.595          | A    | 1-1/4     | 4-3/16    | 2-11/16    | 2 | 6-13/64 | .692   | 25.0         |
| 20        | DS100A20       | 8.640            | 7.991          | A    | 1-1/4     | 4-13/16   | 2-11/16    | 2 | 6-39/64 | .692   | 26.5         |
| 21        | DS100A21       | 9.040            | 8.387          | A    | 1-1/4     | 5-1/4     | 2-11/16    | 2 | 7       | .692   | 29.0         |



## Double Single – Taper Bushed

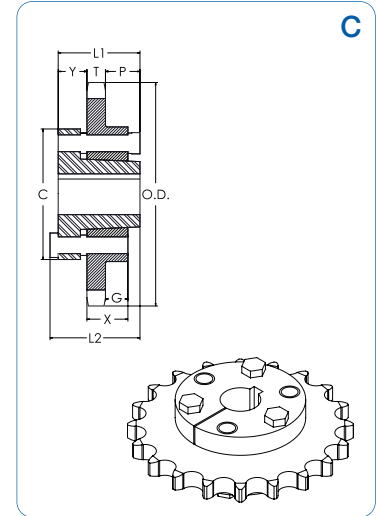
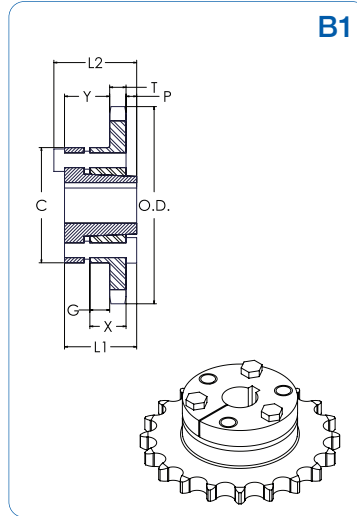
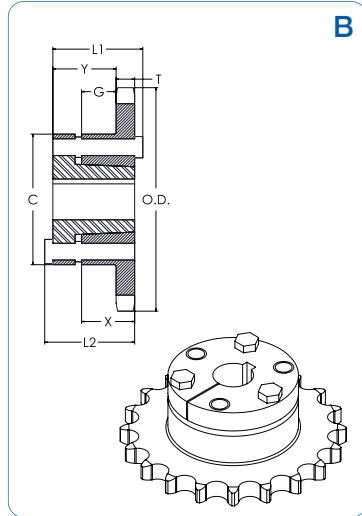
| No. Teeth | Catalog Number | Bushing | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions     |   |         |        | Rim Only |
|-----------|----------------|---------|------------------|----------------|-----------|-----------|------|----------------|---|---------|--------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub> | C | E       | w Nom. |          |
| 16        | DS100ATB16H    | 2517    | 7.030            | 6.407          | 3/4       | 2-1/2     | A    | 2-11/16        | 2 | 5       | .692   | 13.0     |
| 17        | DS100ATB17H    | 3020    | 7.440            | 6.803          | 15/16     | 3         | A    | 2-11/16        | 2 | 5-13/32 | .692   | 14.0     |
| 18        | DS100ATB18H    | 3020    | 7.840            | 7.198          | 15/16     | 3         | A    | 2-11/16        | 2 | 5-51/64 | .692   | 16.0     |
| 19        | DS100ATB19H    | 3020    | 8.240            | 7.595          | 15/16     | 3         | A    | 2-11/16        | 2 | 6-13/64 | .692   | 20.0     |
| 21        | DS100ATB21H    | 3020    | 9.040            | 8.387          | 15/16     | 3         | A    | 2-11/16        | 2 | 7       | .692   | 27.5     |

## No. 100 Sprockets

1 1/4" Pitch – Single – Type “QD” and Type “QD” with Hardened Teeth

### QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 11        | 100SDS11 H     |
| 12        | 100SDS12 H     |
| 13        | 100SK13 H      |
| 14        | 100SK14 H      |
| 15        | 100SF15 H      |
| 16        | 100SF16 H      |
| 17        | 100SF17 H      |
| 18        | 100E18 H       |
| 19        | 100E19 H       |
| 20        | 100E20 H       |
| 21        | 100E21 H       |
| 22        | 100E22 H       |
| 23        | 100E23 H       |
| 24        | 100E24 H       |
| 25        | 100E25 H       |
| 26        | 100E26 H       |
| 27        | 100E27 H       |
| 28        | 100E28 H       |
| 30        | 100E30 H       |



### QD

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions     |                |        |         |        |         |       |      | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|------|-----------|----------------|----------------|--------|---------|--------|---------|-------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C      | Y       | P      | G       | X     | T    | With Hub      | Rim Only |
| 11        | 100SDS11       | SDS     | 5.010            | 4.437          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16 | 5/8     |        | 1/16    | 3/4   | .692 | 3.0           | 2.0      |
| 12        | 100SDS12       | SDS     | 5.420            | 4.830          | B    | 2         | 1-1/2          | 1-1/2          | 3-3/16 | 5/8     |        | 1/16    | 3/4   | .692 | 3.6           | 2.6      |
| 13        | 100SK14        | SK      | 5.820            | 5.223          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8  | 1-13/64 |        | 9/16    | 1-1/4 | .692 | 5.3           | 3.3      |
| 14        | 100SK14        | SK      | 6.230            | 5.617          | B    | 2-5/8     | 2-1/8          | 2-1/8          | 3-7/8  | 1-13/64 |        | 9/16    | 1-1/4 | .692 | 6.1           | 4.1      |
| 15        | 100SF15        | SF      | 6.630            | 6.012          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8  | 1-19/64 |        | 9/16    | 1-1/4 | .692 | 7.8           | 4.8      |
| 16        | 100SF16        | SF      | 7.030            | 6.407          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8  | 1-19/64 |        | 9/16    | 1-1/4 | .692 | 8.6           | 5.6      |
| 17        | 100SF17        | SF      | 7.440            | 6.803          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8  | 1-19/64 |        | 9/16    | 1-1/4 | .692 | 9.5           | 6.5      |
| 18        | 100E18         | E       | 7.840            | 7.198          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 19.0          | 9.0      |
| 19        | 100E19         | E       | 8.240            | 7.595          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 20.2          | 10.2     |
| 20        | 100E20         | E       | 8.640            | 7.991          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 21.6          | 11.6     |
| 21        | 100E21         | E       | 9.040            | 8.387          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 22.5          | 12.5     |
| 22        | 100E22         | E       | 9.440            | 8.783          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 23.5          | 13.5     |
| 23        | 100E23         | E       | 9.840            | 9.180          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 24.6          | 14.6     |
| 24        | 100E24         | E       | 10.250           | 9.577          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 25.7          | 15.7     |
| 25        | 100E25         | E       | 10.650           | 9.973          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 26.8          | 16.8     |
| 26        | 100E26         | E       | 11.050           | 10.370         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 28.1          | 18.1     |
| 27        | 100E27         | E       | 11.440           | 10.767         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 29.2          | 19.2     |
| 28        | 100E28         | E       | 11.840           | 11.164         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 30.7          | 20.7     |
| 30        | 100E30         | E       | 12.640           | 11.958         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 33.2          | 23.2     |
| 32        | 100E32         | E       | 13.440           | 12.753         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 35.4          | 25.4     |
| 35        | 100E35         | E       | 14.640           | 13.945         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 40.5          | 30.5     |
| 36        | 100E36         | E       | 15.040           | 14.342         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 42.5          | 32.3     |
| 40        | 100E40         | E       | 16.630           | 15.932         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 49.1          | 39.1     |
| 42        | 100E42         | E       | 17.430           | 16.727         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 53.4          | 43.4     |
| 45        | 100E45         | E       | 18.630           | 17.920         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 58.9          | 48.9     |
| 48        | 100E48         | E       | 19.820           | 19.112         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 1-13/16 | 1/8    | 15/16   | 1-5/8 | .692 | 64.0          | 54.0     |
| 54        | 100E54         | E       | 22.210           | 21.498         | C    | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 7/8     | 1-1/16 | 15/16   | 1-5/8 | .692 | 72.0          | 62.0     |
| 60        | 100E60         | E       | 24.600           | 23.884         | C    | 3-1/2     | 2-5/8          | 2-15/16        | 6      | 7/8     | 1-1/16 | 15/16   | 1-5/8 | .692 | 84.0          | 74.0     |
| 70        | 100F70         | F       | 28.580           | 27.862         | C    | 3-15/16   | 3-5/8          | 4              | 6-5/8  | 1       | 1-5/16 | 1-13/16 | 2-1/2 | .692 | 110.5         | 99.0     |
| 72        | 100F72         | F       | 29.380           | 28.657         | C    | 3-15/16   | 3-5/8          | 4              | 6-5/8  | 1       | 1-5/16 | 1-13/16 | 2-1/2 | .692 | 117.5         | 106      |
| 80        | 100F80         | F       | 32.570           | 31.839         | C    | 3-15/16   | 3-5/8          | 4              | 6-5/8  | 1       | 1-5/16 | 1-13/16 | 2-1/2 | .692 | 134.5         | 123      |
| 84        | 100F84         | F       | 34.160           | 33.430         | C    | 3-15/16   | 3-5/8          | 4              | 6-5/8  | 1       | 1-5/16 | 1-13/16 | 2-1/2 | .692 | 151.5         | 140      |

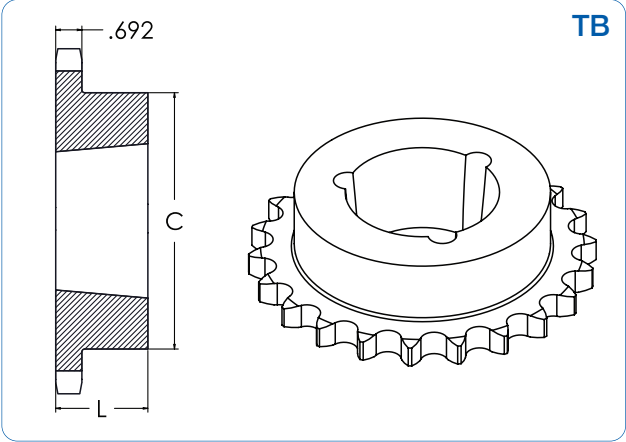


# No. 100 Sprockets

1 1/4" Pitch – Single – Type Taper Bushed and Type Taper Bushed with Hardened Teeth

## Taper Bushed With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 11        | 100BTB11 H     |
| 12        | 100BTB12 H     |
| 13        | 100BTB13 H     |
| 14        | 100BTB14 H     |
| 15        | 100BTB15 H     |
| 16        | 100BTB16 H     |
| 17        | 100BTB17 H     |
| 18        | 100BTB18 H     |
| 19        | 100BTB19 H     |
| 20        | 100BTB20 H     |
| 21        | 100BTB21 H     |
| 22        | 100BTB22 H     |
| 24        | 100BTB24 H     |
| 26        | 100BTB26 H     |
| 28        | 100BTB28 H     |
| 30        | 100BTB30 H     |

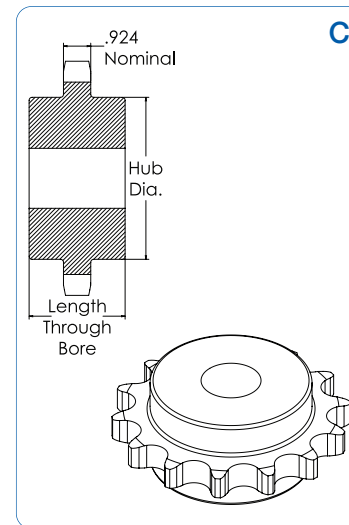
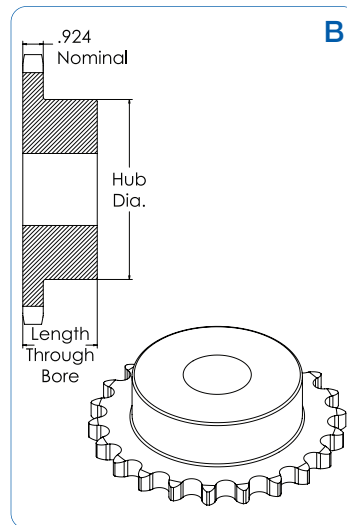
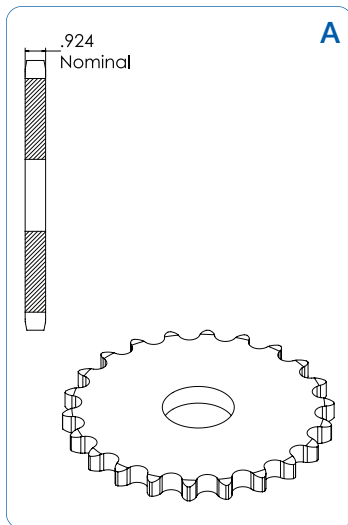


## Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |        | Type | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|-----------|------------|--------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C      |      | With Hub      | Rim Only |
| 11        | 100BTB11       | 1615    | 5.007            | 4.437          | 1-5/8     | 1-1/2      | 3      | B    | 2.7           | 1.2      |
| 12        | 100BTB12       | 1615    | 5.415            | 4.830          | 1-5/8     | 1-1/2      | 3-1/4  | B    | 3.5           | 1.2      |
| 13        | 100BTB13       | 2012    | 5.821            | 5.223          | 2         | 1-1/4      | 3-9/16 | B    | 3.6           | 1.7      |
| 14        | 100BTB14       | 2012    | 6.227            | 5.617          | 2         | 1-1/4      | 3-9/16 | B    | 3.9           | 1.7      |
| 15        | 100BTB15       | 2517    | 6.631            | 6.012          | 2-1/2     | 1-3/4      | 4-1/4  | B    | 5.0           | 3.5      |
| 16        | 100BTB16       | 2517    | 7.034            | 6.407          | 2-1/2     | 1-3/4      | 4-1/2  | B    | 6.4           | 3.5      |
| 17        | 100BTB17       | 2517    | 7.437            | 6.803          | 2-1/2     | 1-3/4      | 4-1/2  | B    | 7.1           | 3.5      |
| 18        | 100BTB18       | 2517    | 7.839            | 7.198          | 2-1/2     | 1-3/4      | 4-1/2  | B    | 7.8           | 3.5      |
| 19        | 100BTB19       | 2517    | 8.241            | 7.594          | 2-1/2     | 1-3/4      | 4-1/2  | B    | 8.7           | 3.5      |
| 20        | 100BTB20       | 2517    | 8.642            | 7.991          | 2-1/2     | 1-3/4      | 4-1/2  | B    | 9.6           | 3.5      |
| 21        | 100BTB21       | 2517    | 9.043            | 8.387          | 2-1/2     | 1-3/4      | 4-1/2  | B    | 10.6          | 3.5      |
| 22        | 100BTB22       | 2517    | 9.444            | 8.783          | 2-1/2     | 1-3/4      | 4-1/2  | B    | 11.0          | 3.5      |
| 24        | 100BTB24       | 2517    | 10.245           | 9.577          | 2-1/2     | 1-3/4      | 4-1/2  | B    | 13.0          | 3.5      |
| 26        | 100BTB26       | 2517    | 11.045           | 10.370         | 2-1/2     | 1-3/4      | 4-1/2  | B    | 15.0          | 3.5      |
| 28        | 100BTB28       | 3020    | 11.844           | 11.164         | 3         | 2          | 5-1/4  | B    | 16.5          | 6.5      |
| 30        | 100BTB30       | 3020    | 12.643           | 11.958         | 3         | 2          | 5-1/4  | B    | 22.0          | 6.5      |
| 32        | 100BTB32       | 3020    | 13.442           | 12.753         | 3         | 2          | 5-1/4  | B    | 23.0          | 6.5      |
| 35        | 100BTB35       | 3020    | 14.639           | 13.945         | 3         | 2          | 5-1/4  | B    | 28.0          | 6.5      |
| 36        | 100BTB36       | 3020    | 15.038           | 14.342         | 3         | 2          | 5-1/4  | B    | 31.0          | 6.5      |
| 40        | 100BTB40       | 3020    | 16.633           | 15.932         | 3         | 2          | 5-1/4  | B    | 37.0          | 6.5      |
| 45        | 100BTB45       | 3020    | 18.626           | 17.919         | 3         | 2          | 5-1/4  | B    | 46.0          | 6.5      |
| 48        | 100BTB48       | 3020    | 19.821           | 19.112         | 3         | 2          | 5-1/4  | B    | 53.0          | 6.5      |
| 54        | 100BTB54       | 3020    | 22.212           | 21.498         | 3         | 2          | 5-1/4  | B    | 62.0          | 6.5      |
| 60        | 100BTB60       | 3020    | 24.601           | 23.884         | 3         | 2          | 5-1/4  | B    | 72.0          | 6.5      |

## No. 120 Sprockets

1 1/2" Pitch – Single – Types A, B, and C



| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Weight Lbs. (App.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|--------------------|------|----------------|------------|--------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                    |      |                |            |                    |
| 8         |                | 4.520            |      |               |           |              |             |                    | A    | 120A8          | 1-1/4      | 2.4                |
| 9         | 120B9          | 5.020            | B    | 1-3/8         | 1-13/16   | 3-3/8*       | 2-1/4       | 5.3                | A    | 120A9          | 1-1/4      | 3.0                |
| 10        | 120B10         | 5.520            | B    | 1-3/8         | 2-1/4     | 3-3/4*       | 2-1/4       | 7.1                | A    | 120A10         | 1-1/4      | 3.8                |
| 11        | 120B11         | 6.010            | B    | 1-3/8         | 2-3/8     | 3-9/16       | 2-1/8       | 7.6                | A    | 120A11         | 1-1/4      | 4.8                |
| 12        | 120B12         | 6.500            | B    | 1-3/8         | 2-3/4     | 4-1/8        | 2-1/8       | 9.9                | A    | 120A12         | 1-1/4      | 5.8                |
| 13        | 120B13         | 6.990            | B    | 1-3/8         | 3         | 4-9/16       | 2-1/4       | 12.4               | A    | 120A13         | 1-1/4      | 6.7                |
| 14        | 120B14         | 7.470            | B    | 1-3/8         | 3-1/4     | 4-3/4        | 2-1/4       | 14.4               | A    | 120A14         | 1-1/4      | 8.0                |
| 15        | 120B15         | 7.960            | B    | 1-1/4         | 3-1/4     | 4-3/4        | 2-3/8       | 16.7               | A    | 120A15         | 1-1/4      | 9.1                |
| 16        | 120B16         | 8.440            | B    | 1-1/4         | 3-1/2     | 5-1/4        | 2-3/8       | 19.9               | A    | 120A16         | 1-1/4      | 10.6               |
| 17        | 120B17         | 8.920            | B    | 1-1/4         | 3-1/2     | 5-1/4        | 2-3/8       | 20.8               | A    | 120A17         | 1-1/4      | 12.6               |
| 18        | 120B18         | 9.410            | B    | 1-1/4         | 3-1/2     | 5-1/4        | 2-3/8       | 22.2               | A    | 120A18         | 1-1/4      | 13.6               |
| 19        | 120B19         | 9.890            | B    | 1-1/4         | 3-1/2     | 5-1/4        | 2-3/8       | 24.8               | A    | 120A19         | 1-1/4      | 15.1               |
| 20        | 120B20         | 10.370           | B    | 1-1/4         | 3-1/2     | 5-1/4        | 2-3/8       | 25.8               | A    | 120A20         | 1-1/4      | 16.9               |
| 21        | 120B21         | 10.850           | B    | 1-1/4         | 3-1/2     | 5-1/4        | 2-3/8       | 26.7               | A    | 120A21         | 1-1/4      | 18.7               |
| 22        | 120B22         | 11.330           | B    | 1-1/4         | 3-1/2     | 5-1/4        | 2-3/8       | 28.2               | A    | 120A22         | 1-1/4      | 20.0               |
| 23        | 120B23         | 11.810           | B    | 1-1/4         | 3-1/2     | 5-1/4        | 2-3/8       | 30.3               | A    | 120A23         | 1-1/4      | 22.1               |
| 24        | 120B24         | 12.290           | B    | 1-1/4         | 3-1/2     | 5-1/4        | 2-3/8       | 32.1               | A    | 120A24         | 1-1/4      | 24.8               |
| 25        | 120B25         | 12.770           | B    | 1-1/4         | 3-1/2     | 5-1/4        | 2-3/8       | 34.6               | A    | 120A25         | 1-1/4      | 26.8               |
| 26        | 120B26         | 13.250           | B    | 1-1/2         | 4         | 6            | 2-1/2       | 40.0               | A    | 120A26         | 1-1/2      | 28.3               |
| 27        |                | 13.730           |      |               |           |              |             |                    | A    | 120A27         | 1-1/2      | 30.9               |
| 28        | 120B28         | 14.210           | B    | 1-1/2         | 4         | 6            | 2-1/2       | 44.9               | A    | 120A28         | 1-1/2      | 33.6               |
| 30        | 120B30         | 15.170           | B    | 1-1/2         | 4         | 6            | 2-1/2       | 50.2               | A    | 120A30         | 1-1/2      | 39.0               |
| 32        | 120B32         | 16.130           | B    | 1-1/2         | 4         | 6            | 2-1/2       | 56.0               | A    | 120A32         | 1-1/2      | 43.9               |
| 33        |                | 16.610           |      |               |           |              |             |                    | A    | 120A33         | 1-1/2      | 48.2               |
| 34        |                | 17.090           |      |               |           |              |             |                    | A    | 120A34         | 1-1/2      | 50                 |
| 35        | 120B35         | 17.570           | B    | 1-1/2         | 4         | 6            | 2-1/2       | 62.4               | A    | 120A35         | 1-1/2      | 52                 |
| 36        | 120B36         | 18.050           | B    | 1-1/2         | 4         | 6            | 2-1/2       | 66.4               | A    | 120A36         | 1-1/2      | 56                 |
| 40        | 120C40         | 19.960           | C    | 1-1/2         | 4         | 6            | 3-3/4       | 92.0               | A    | 120A40         | 1-1/2      | 71                 |
| 42        | 120C42         | 20.920           | C    | 1-1/2         | 4         | 6            | 3-3/4       | 98.0               | A    | 120A42         | 1-1/2      | 75                 |
| 45        | 120C45         | 22.350           | C    | 1-1/2         | 4         | 6            | 3-3/4       | 99.2               | A    | 120A45         | 1-1/2      | 88                 |
| 48        | 120C48         | 23.790           | C    | 1-1/2         | 4         | 6            | 4           | 113                | A    | 120A48         | 1-1/2      | 103                |
| 54        | 120C54         | 26.650           | C    | 1-1/2         | 4         | 6            | 4           | 133                | A    | 120A54         | 1-1/2      | 140                |
| 60        | 120C60         | 29.520           | C    | 1-1/2         | 5-1/4     | 7            | 4           | 160                | A    | 120A60         | 1-1/2      | 160                |
| 70        | 120C70         | 34.300           | C    | 1-1/2         | 5-3/8     | 7-1/2        | 4-1/2       | 206                | A    | 120A70         | 1-1/2      | 216                |
| 80        | 120C80         | 39.080           | C    | 1-1/2         | 5-3/8     | 7-1/2        | 4-1/2       | 254                | A    | 120A80         | 1-1/2      | 284                |
| 90        |                | 43.850           |      |               |           |              |             |                    | A    | 120A90         | 1-1/2      | 358                |

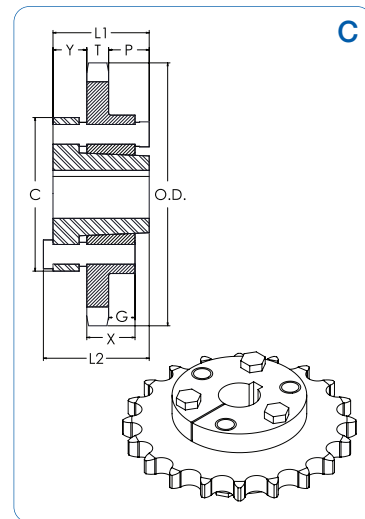
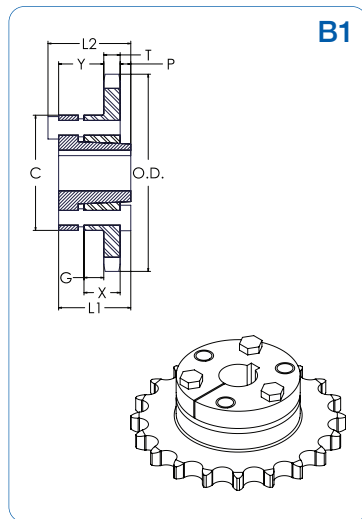
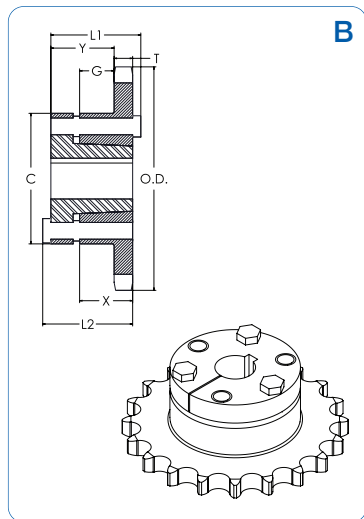
\* Has recessed groove in hub for chain clearance.

# No. 120 Sprockets

1 1/2" Pitch – Single – Type “QD” and Type “QD” with Hardened Teeth

## QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 12        | 120SF12 H      |
| 13        | 120SF13 H      |
| 14        | 120SF14 H      |
| 15        | 120SF15 H      |
| 16        | 120E16 H       |
| 17        | 120E17 H       |
| 18        | 120E18 H       |
| 19        | 120E19 H       |
| 20        | 120E20 H       |
| 21        | 120E21 H       |
| 22        | 120E22 H       |
| 23        | 120E23 H       |
| 24        | 120E24 H       |
| 25        | 120E25 H       |
| 26        | 120E26 H       |
| 28        | 120E28 H       |
| 30        | 120E30 H       |



## QD

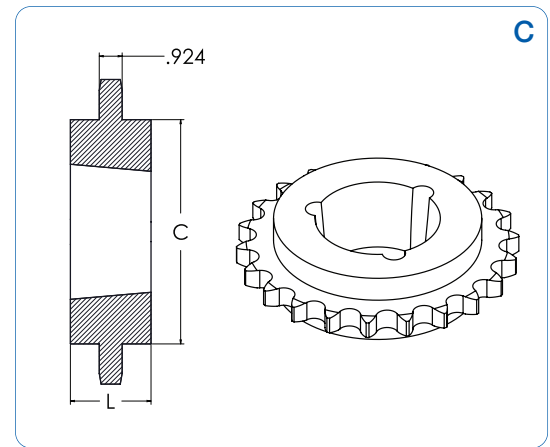
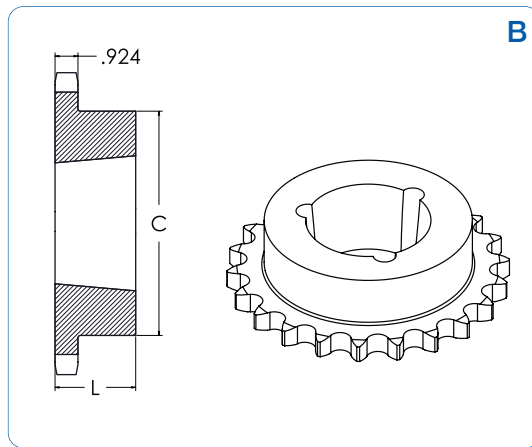
| No.<br>Teeth | Catalog<br>Number | Bushing | Diameters           |                   |      |              | Dimensions     |                |       |        |         |         |        |      | Weight (App.) |             |
|--------------|-------------------|---------|---------------------|-------------------|------|--------------|----------------|----------------|-------|--------|---------|---------|--------|------|---------------|-------------|
|              |                   |         | Outside<br>Diameter | Pitch<br>Diameter | Type | Max.<br>Bore | L <sub>1</sub> | L <sub>2</sub> | C     | Y      | P       | G       | X      | T    | With<br>Hub   | Rim<br>Only |
| 12           | 120SF12           | SF      | 6.500               | 5.796             | B    | 2-15/16      | 2-1/4          | 2-1/4          | 4-5/8 | 1-5/64 |         | 21/64   | 1-1/4  | .924 | 7.7           | 4.7         |
| 13           | 120SF13           | SF      | 6.990               | 6.268             | B    | 2-15/16      | 2-1/4          | 2-1/4          | 4-5/8 | 1-5/64 |         | 21/64   | 1-1/4  | .924 | 9.1           | 6.1         |
| 14           | 120SF14           | SF      | 7.470               | 6.741             | B    | 2-15/16      | 2-1/4          | 2-1/4          | 4-5/8 | 1-5/64 |         | 21/64   | 1-1/4  | .924 | 10.4          | 7.4         |
| 15           | 120SF15           | SF      | 7.960               | 7.215             | B1   | 2-15/16      | 2-1/4          | 2-1/4          | 4-5/8 | 1-5/64 |         | 21/64   | 1-1/4  | .924 | 11.8          | 8.0         |
| 16           | 120E16            | E       | 8.440               | 7.689             | B1   | 3-1/2        | 2-5/8          | 2-15/16        | 6     | 1-9/16 | 1/8     | 45/64   | 1-5/8  | .924 | 21.2          | 11.2        |
| 17           | 120E17            | E       | 8.920               | 8.163             | B1   | 3-1/2        | 2-5/8          | 2-15/16        | 6     | 1-9/16 | 1/8     | 45/64   | 1-5/8  | .924 | 23.4          | 13.4        |
| 18           | 120E18            | E       | 9.410               | 8.638             | B1   | 3-1/2        | 2-5/8          | 2-15/16        | 6     | 1-9/16 | 1/8     | 45/64   | 1-5/8  | .924 | 24.8          | 14.8        |
| 19           | 120E19            | E       | 9.890               | 9.113             | B1   | 3-1/2        | 2-5/8          | 2-15/16        | 6     | 1-9/16 | 1/8     | 45/64   | 1-5/8  | .924 | 26.5          | 16.5        |
| 20           | 120E20            | E       | 10.370              | 9.589             | B1   | 3-1/2        | 2-5/8          | 2-15/16        | 6     | 1-9/16 | 1/8     | 45/64   | 1-5/8  | .924 | 29.2          | 19.2        |
| 21           | 120E21            | E       | 10.850              | 10.064            | B1   | 3-1/2        | 2-5/8          | 2-15/16        | 6     | 1-9/16 | 1/8     | 45/64   | 1-5/8  | .924 | 29.9          | 19.9        |
| 22           | 120E22            | E       | 11.330              | 10.540            | B1   | 3-1/2        | 2-5/8          | 2-15/16        | 6     | 1-9/16 | 1/8     | 45/64   | 1-5/8  | .924 | 31.6          | 21.6        |
| 23           | 120E23            | E       | 11.810              | 11.016            | B1   | 3-1/2        | 2-5/8          | 2-15/16        | 6     | 1-9/16 | 1/8     | 45/64   | 1-5/8  | .924 | 33.8          | 23.8        |
| 24           | 120E24            | E       | 12.290              | 11.492            | B1   | 3-1/2        | 2-5/8          | 2-15/16        | 6     | 1-9/16 | 1/8     | 45/64   | 1-5/8  | .924 | 35.8          | 25.8        |
| 25           | 120E25            | E       | 12.770              | 11.968            | B1   | 3-1/2        | 2-5/8          | 2-15/16        | 6     | 1-9/16 | 1/8     | 45/64   | 1-5/8  | .924 | 38.1          | 28.1        |
| 26           | 120E26            | E       | 13.250              | 12.444            | B1   | 3-1/2        | 2-5/8          | 2-15/16        | 6     | 1-9/16 | 1/8     | 45/64   | 1-5/8  | .924 | 39.9          | 29.9        |
| 28           | 120E28            | E       | 14.210              | 13.397            | B1   | 3-1/2        | 2-5/8          | 2-15/16        | 6     | 1-9/16 | 1/8     | 45/64   | 1-5/8  | .924 | 49.7          | 34.7        |
| 30           | 120E30            | E       | 15.170              | 14.350            | B1   | 3-1/2        | 2-5/8          | 2-15/16        | 6     | 1-9/16 | 1/8     | 45/64   | 1-5/8  | .924 | 49.4          | 39.4        |
| 32           | 120F32            | F       | 16.130              | 15.303            | C    | 3-15/16      | 3-5/8          | 4              | 6-5/8 | 1      | 1-11/16 | 1-37/64 | 2-1/2  | .924 | 62.0          | 50.5        |
| 35           | 120F35            | F       | 17.570              | 16.734            | C    | 3-15/16      | 3-5/8          | 4              | 6-5/8 | 1      | 1-11/16 | 1-37/64 | 2-1/2  | .924 | 71.0          | 59.5        |
| 36           | 120F36            | F       | 18.050              | 17.211            | C    | 3-15/16      | 3-5/8          | 4              | 6-5/8 | 1      | 1-11/16 | 1-37/64 | 2-1/2  | .924 | 74.9          | 63.4        |
| 40           | 120F40            | F       | 19.960              | 19.118            | C    | 3-15/16      | 3-5/8          | 4              | 6-5/8 | 1      | 1-11/16 | 1-37/64 | 2-1/2  | .924 | 88.5          | 77.0        |
| 42           | 120F42            | F       | 20.920              | 20.072            | C    | 3-15/16      | 3-5/8          | 4              | 6-5/8 | 1      | 1-11/16 | 1-37/64 | 2-1/2  | .924 | 94.5          | 83.0        |
| 45           | 120F45            | F       | 22.350              | 21.503            | C    | 3-15/16      | 3-5/8          | 4              | 6-5/8 | 1      | 1-11/16 | 1-37/64 | 2-1/2  | .924 | 95.5          | 84.0        |
| 48           | 120F48            | F       | 23.790              | 22.935            | C    | 3-15/16      | 3-5/8          | 4              | 6-5/8 | 1      | 1-11/16 | 1-37/64 | 2-1/2  | .924 | 103.5         | 92.0        |
| 54           | 120F54            | F       | 26.650              | 25.798            | C    | 3-15/16      | 3-5/8          | 4              | 6-5/8 | 1      | 1-11/16 | 1-37/64 | 2-1/2  | .924 | 125           | 114         |
| 60           | 120J60            | J       | 29.520              | 28.661            | C    | 4-7/16       | 4-1/2          | 5              | 7-1/4 | 1-3/16 | 2-5/16  | 2-17/64 | 3-3/16 | .924 | 159           | 140         |
| 70           | 120J70            | J       | 34.300              | 33.434            | C    | 4-7/16       | 4-1/2          | 5              | 7-1/4 | 1-3/16 | 2-5/16  | 2-17/64 | 3-3/16 | .924 | 196           | 177         |
| 80           | 120J80            | J       | 39.080              | 38.207            | C    | 4-7/16       | 4-1/2          | 5              | 7-1/4 | 1-3/16 | 2-5/16  | 2-17/64 | 3-3/16 | .924 | 241           | 222         |

## No. 120 Sprockets

1 1/2" Pitch – Single – Type Taper Bushed and Type Taper Bushed with Hardened Teeth

### Taper Bushed With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 12        | 120BTB12 H     |
| 13        | 120BTB13 H     |
| 14        | 120BTB14 H     |
| 15        | 120BTB15 H     |
| 16        | 120BTB16 H     |
| 17        | 120BTB17 H     |
| 18        | 120BTB18 H     |
| 19        | 120BTB19 H     |
| 20        | 120BTB20 H     |
| 21        | 120BTB21 H     |
| 24        | 120BTB24 H     |
| 26        | 120BTB26 H     |
| 30        | 120BTB30 H     |

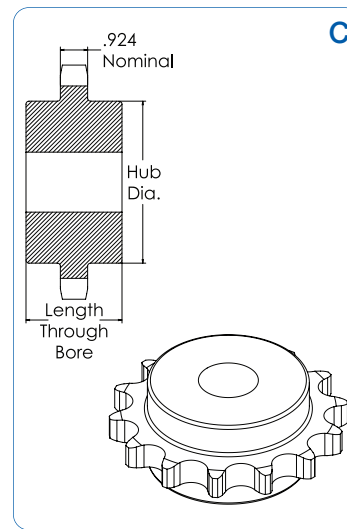
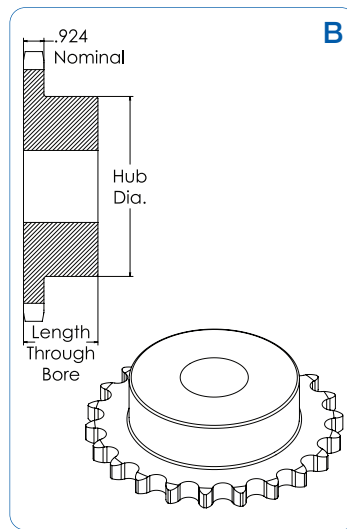
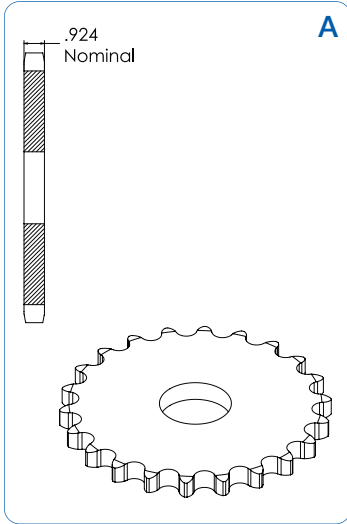


### Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |        | Type | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|-----------|------------|--------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C      |      | With Hub      | Rim Only |
| 12        | 120BTB12       | 2012    | 6.498            | 5.796          | 2         | 1-1/4      | 3-9/16 | B    | 5.5           | 1.7      |
| 13        | 120BTB13       | 2517    | 6.896            | 6.268          | 2-1/2     | 1-3/4      | 4-1/4  | B    | 6.0           | 3.5      |
| 14        | 120BTB14       | 2517    | 7.472            | 6.741          | 2-1/2     | 1-3/4      | 4-1/4  | B    | 7.0           | 3.5      |
| 15        | 120BTB15       | 2517    | 7.957            | 7.215          | 2-1/2     | 1-3/4      | 4-1/4  | B    | 8.0           | 3.5      |
| 16        | 120BTB16       | 3020    | 8.441            | 7.689          | 3         | 2          | 5-1/4  | B    | 10.0          | 6.5      |
| 17        | 120BTB17       | 3020    | 8.924            | 8.163          | 3         | 2          | 5-1/4  | B    | 11.0          | 6.5      |
| 18        | 120BTB18       | 3020    | 9.407            | 8.638          | 3         | 2          | 5-1/4  | B    | 12.0          | 6.5      |
| 19        | 120BTB19       | 3020    | 9.889            | 9.113          | 3         | 2          | 5-1/4  | B    | 14.0          | 6.5      |
| 20        | 120BTB20       | 3020    | 10.371           | 9.588          | 3         | 2          | 5-1/4  | B    | 15.5          | 6.5      |
| 21        | 120BTB21       | 3020    | 10.851           | 10.064         | 3         | 2          | 5-1/4  | B    | 17.5          | 6.5      |
| 24        | 120BTB24       | 3020    | 12.294           | 11.492         | 3         | 2          | 5-1/4  | B    | 23.5          | 6.5      |
| 26        | 120BTB26       | 3020    | 13.254           | 12.444         | 3         | 2          | 5-1/4  | B    | 28.5          | 6.5      |
| 30        | 120BTB30       | 3020    | 15.171           | 14.351         | 3         | 2          | 5-1/4  | B    | 33.5          | 6.5      |
| 35        | 120CTB35       | 3020    | 17.566           | 16.734         | 3         | 2          | 5-1/4  | C    | 52.0          | 6.5      |
| 45        | 120CTB45       | 3030    | 22.351           | 21.503         | 3         | 3          | 5-7/8  | C    | 82.0          | 9.2      |
| 60        | 120CTB60       | 3535    | 29.522           | 28.661         | 3-1/2     | 3-1/2      | 6-1/2  | C    | 140.0         | 14.0     |
| 70        | 120CTB70       | 3535    | 34.301           | 33.434         | 3-1/2     | 3-1/2      | 6-1/2  | C    | 175.0         | 14.0     |
| 80        | 120CTB80       | 3535    | 30.078           | 38.207         | 3-1/2     | 3-1/2      | 6-1/2  | C    | 220.0         | 14.0     |

# No. 140 Sprockets

1 3/4" Pitch – Single – Types A, B, and C



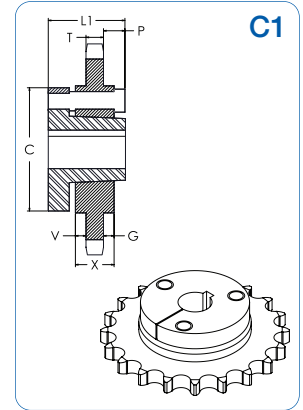
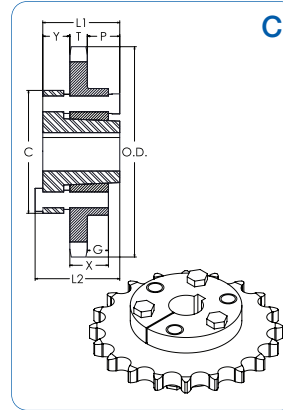
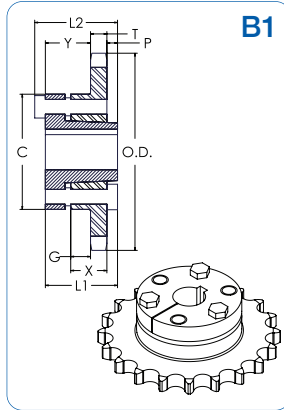
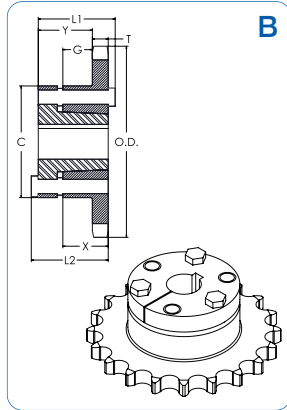
| No.<br>Teeth | Catalog<br>Number | Outside Diameter | Type | Bore (inches) |              | Hub (inches) |                | Weight<br>Lbs.<br>(App.) |  | Type | Catalog<br>Number | Stock<br>Bore | Weight<br>Lbs.<br>(App.) |
|--------------|-------------------|------------------|------|---------------|--------------|--------------|----------------|--------------------------|--|------|-------------------|---------------|--------------------------|
|              |                   |                  |      | Stock         | Rec.<br>Max. | Dia.         | Length<br>Thru |                          |  |      |                   |               |                          |
| 11           | 140B11            | 7.010            | B    | 1-1/2         | 2-3/4        | 4-1/4        | 2-1/4          | 11.3                     |  | A    | 140A11            | 1-1/2         | 5.0                      |
| 12           | 140B12            | 7.580            | B    | 1-1/2         | 3            | 4-1/2        | 2-1/4          | 13.2                     |  | A    | 140A12            | 1-1/2         | 7.8                      |
| 13           | 140B13            | 8.150            | B    | 1-1/2         | 3-3/4        | 5-1/2        | 2-3/8          | 18.9                     |  | A    | 140A13            | 1-1/2         | 8.2                      |
| 14           | 140B14            | 8.720            | B    | 1-1/2         | 3-3/4        | 5-1/2        | 2-3/8          | 20.4                     |  | A    | 140A14            | 1-1/2         | 10.0                     |
| 15           | 140B15            | 9.280            | B    | 1-1/2         | 4-1/4        | 6-1/4        | 2-3/8          | 25.1                     |  | A    | 140A15            | 1-1/2         | 11.0                     |
| 16           | 140B16            | 9.850            | B    | 1-1/2         | 4-1/4        | 6-1/4        | 2-1/2          | 27.9                     |  | A    | 140A16            | 1-1/2         | 14.0                     |
| 17           | 140B17            | 10.410           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 2-1/2          | 29.8                     |  | A    | 140A17            | 1-1/2         | 16.0                     |
| 18           | 140B18            | 10.980           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 2-1/2          | 32.0                     |  | A    | 140A18            | 1-1/2         | 18.0                     |
| 19           | 140B19            | 11.540           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 2-1/2          | 34.1                     |  | A    | 140A19            | 1-1/2         | 21.0                     |
| 20           | 140B20            | 12.100           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 2-1/2          | 36.0                     |  | A    | 140A20            | 1-1/2         | 23.0                     |
| 21           | 140B21            | 12.660           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 2-1/2          | 38.7                     |  | A    | 140A21            | 1-1/2         | 25.0                     |
| 22           | 140B22            | 13.220           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 2-1/2          | 40.6                     |  | A    | 140A22            | 1-1/2         | 28.0                     |
| 23           | 140B23            | 13.780           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 2-1/2          | 42.1                     |  | A    | 140A23            | 1-1/2         | 30.0                     |
| 24           | 140B24            | 14.340           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 2-1/2          | 46.2                     |  | A    | 140A24            | 1-1/2         | 33.0                     |
| 25           | 140B25            | 14.900           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 2-1/2          | 47.8                     |  | A    | 140A26            | 1-1/2         | 34.0                     |
| 26           | 140B26            | 15.460           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 3              | 57.2                     |  | A    | 140A26            | 1-1/2         | 39.0                     |
| 27           | 140B27            | 16.020           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 3              | 58.5                     |  | A    | 140A27            | 1-1/2         | 41.0                     |
| 28           | 140B28            | 16.580           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 3              | 62.2                     |  | A    | 140A28            | 1-1/2         | 45.0                     |
| 30           | 140B30            | 17.700           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 3              | 69.8                     |  | A    | 140A30            | 1-1/2         | 52.0                     |
| 31           |                   | 18.260           |      |               |              |              |                |                          |  | A    | 140A31            | 1-1/2         | 56.0                     |
| 32           | 140B32            | 18.820           | B    | 1-1/2         | 4-1/4        | 6-1/4        | 3              | 76.3                     |  | A    | 140A32            | 1-1/2         | 60.0                     |
| 35           | 140C35            | 20.490           | C    | 1-1/2         | 5-1/4        | 7            | 4              | 108.0                    |  | A    | 140A35            | 1-1/2         | 73.0                     |
| 36           |                   | 21.050           |      |               |              |              |                |                          |  | A    | 140A36            | 1-1/2         | 77.0                     |
| 40           | 140C40            | 23.290           | C    | 1-1/2         | 5-1/4        | 7            | 4              | 121.0                    |  | A    | 140A40            | 1-1/2         | 93.0                     |
| 45           | 140C45            | 26.080           | C    | 1-1/2         | 5-1/4        | 7            | 4              | 142.0                    |  | A    | 140A45            | 1-1/2         | 131.0                    |
| 48           | 140C48            | 27.750           | C    | 1-1/2         | 5-1/4        | 7            | 4              | 150.0                    |  | A    | 140A48            | 1-1/2         | 134.0                    |
| 54           | 140C54            | 31.100           | C    | 1-1/2         | 5-1/4        | 7            | 4              | 177.0                    |  | A    | 140A54            | 1-1/2         | 173.0                    |
| 60           | 140C60            | 34.440           | C    | 1-1/2         | 5-1/4        | 7            | 5              | 220.0                    |  | A    | 140A60            | 1-1/2         | 219.0                    |
| 70           | 140C70            | 40.020           | C    | 1-1/2         | 5-3/8        | 7-1/2        | 5              | 282.0                    |  | A    | 140A70            | 1-1/2         | 292.0                    |
| 80           | 140C80            | 45.590           | C    | 1-1/2         | 5-3/8        | 7-1/2        | 5              | 331.0                    |  | A    | 140A80            | 1-1/2         | 402.0                    |

## No. 140 Sprockets

1 3/4" Pitch – Single – Type “QD” and Type “QD” with Hardened Teeth

### QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 11        | 140SF11 H      |
| 12        | 140SF12 H      |
| 13        | 140SF13 H      |
| 14        | 140E14 H       |
| 15        | 140E15 H       |
| 16        | 140E16 H       |
| 17        | 140E17 H       |
| 18        | 140E18 H       |
| 19        | 140E19 H       |
| 20        | 140E20 H       |
| 21        | 140E21 H       |
| 22        | 140E22 H       |
| 23        | 140F23 H       |
| 24        | 140F24 H       |
| 25        | 140F25 H       |
| 26        | 140F26 H       |
| 30        | 140F30 H       |



### QD

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions     |                |       |         |         |         |        |      |         |          | Weight (App.) |  |
|-----------|----------------|---------|------------------|----------------|------|-----------|----------------|----------------|-------|---------|---------|---------|--------|------|---------|----------|---------------|--|
|           |                |         | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C     | Y       | P       | G       | X      | T    | V       | With Hub | Rim Only      |  |
| 11        | 140SF11        | SF      | 7.010            | 6.212          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8 | 1-5/64  |         | 21/64   | 1-1/4  | .924 |         | 8.6      | 5.6           |  |
| 12        | 140SF12        | SF      | 7.580            | 6.762          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8 | 1-5/64  |         | 21/64   | 1-1/4  | .924 |         | 10.4     | 7.4           |  |
| 13        | 140SF13        | SF      | 8.150            | 7.313          | B    | 2-15/16   | 2-1/4          | 2-1/4          | 4-5/8 | 1-5/64  |         | 21/64   | 1-1/4  | .924 |         | 11.9     | 8.9           |  |
| 14        | 140E14         | E       | 8.720            | 7.864          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6     | 1-9/16  | 1/8     | 45/64   | 1-5/8  | .924 |         | 21.6     | 11.6          |  |
| 15        | 140E15         | E       | 9.280            | 8.417          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6     | 1-9/16  | 1/8     | 45/64   | 1-5/8  | .924 |         | 24.2     | 14.2          |  |
| 16        | 140E16         | E       | 9.850            | 8.970          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6     | 1-9/16  | 1/8     | 45/64   | 1-5/8  | .924 |         | 25.9     | 15.9          |  |
| 17        | 140E17         | E       | 10.410           | 9.524          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6     | 1-9/16  | 1/8     | 45/64   | 1-5/8  | .924 |         | 28.0     | 18.0          |  |
| 18        | 140E18         | E       | 10.980           | 10.078         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6     | 1-9/16  | 1/8     | 45/64   | 1-5/8  | .924 |         | 29.6     | 19.6          |  |
| 19        | 140E19         | E       | 11.540           | 10.632         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6     | 1-9/16  | 1/8     | 45/64   | 1-5/8  | .924 |         | 32.0     | 22.0          |  |
| 20        | 140E20         | E       | 12.100           | 11.187         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6     | 1-9/16  | 1/8     | 45/64   | 1-5/8  | .924 |         | 34.6     | 24.6          |  |
| 21        | 140E21         | E       | 12.660           | 11.742         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6     | 1-9/16  | 1/8     | 45/64   | 1-5/8  | .924 |         | 37.6     | 27.6          |  |
| 22        | 140E22         | E       | 13.220           | 12.297         | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6     | 1-9/16  | 1/8     | 45/64   | 1-5/8  | .924 |         | 39.5     | 29.5          |  |
| 23        | 140F23         | F       | 13.780           | 12.852         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-9/16  | 1/8     | 1-37/64 | 2-1/2  | .924 |         | 48.0     | 36.4          |  |
| 24        | 140F24         | F       | 14.340           | 13.407         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-9/16  | 1/8     | 1-37/64 | 2-1/2  | .924 |         | 51.6     | 40.1          |  |
| 25        | 140F25         | F       | 14.900           | 13.963         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-9/16  | 1/8     | 1-37/64 | 2-1/2  | .924 |         | 53.8     | 42.3          |  |
| 26        | 140F26         | F       | 15.460           | 14.518         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-9/16  | 1/8     | 1-37/64 | 2-1/2  | .924 |         | 58.0     | 46.5          |  |
| 30        | 140F30         | F       | 17.700           | 16.742         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-9/16  | 1/8     | 1-37/64 | 2-1/2  | .924 |         | 72.0     | 60.4          |  |
| 35        | 140F35         | F       | 20.490           | 19.523         | C    | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 1       | 1-11/16 | 1-37/64 | 2-1/2  | .924 |         | 89.5     | 78.0          |  |
| 36        | 140F36         | F       | 21.050           | 20.079         | C    | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 1       | 1-11/16 | 1-37/64 | 2-1/2  | .924 |         | 95.5     | 84.0          |  |
| 40        | 140J40         | J       | 23.290           | 22.305         | C    | 4-7/16    | 4-1/2          | 5              | 7-1/4 | 1-3/16  | 2-3/8   | 2-17/64 | 3-3/16 | .924 |         | 117.0    | 98.0          |  |
| 45        | 140J45         | J       | 26.080           | 25.807         | C    | 4-7/16    | 4-1/2          | 5              | 7-1/4 | 1-3/16  | 2-3/8   | 2-17/64 | 3-3/16 | .924 |         | 139.0    | 120.0         |  |
| 48        | 140J48         | J       | 27.750           | 26.757         | C    | 4-7/16    | 4-1/2          | 5              | 7-1/4 | 1-3/16  | 2-3/8   | 2-17/64 | 3-3/16 | .924 |         | 148.0    | 129.0         |  |
| 54        | 140J54         | J       | 31.100           | 30.097         | C    | 4-7/16    | 4-1/2          | 5              | 7-1/4 | 1-3/16  | 2-3/8   | 2-17/64 | 3-3/16 | .924 |         | 168.0    | 149.0         |  |
| 60        | 140J60         | J       | 34.440           | 33.438         | C    | 4-7/16    | 4-1/2          | 5              | 7-1/4 | 1-3/16  | 2-3/8   | 2-17/64 | 3-3/16 | .924 |         | 205.0    | 186.0         |  |
| 70        | 140M70         | M       | 40.020           | 39.006         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-29/32 | 2-29/32 | 2-17/32 | 5-3/16 | .924 | 1-13/32 | 301.0    | 264.0         |  |
| 80        | 140M80         | M       | 45.590           | 44.575         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-29/32 | 2-29/32 | 2-17/32 | 5-3/16 | .924 | 1-13/32 | 385.0    | 348.0         |  |

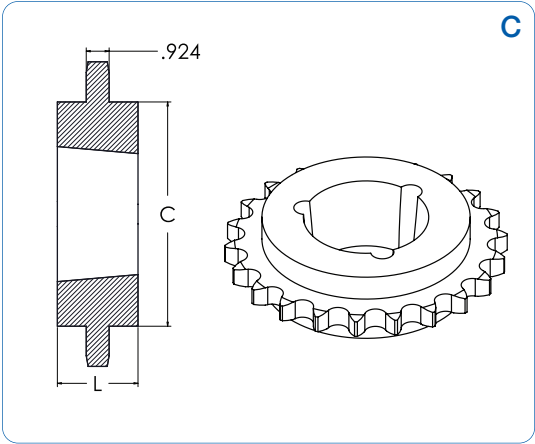
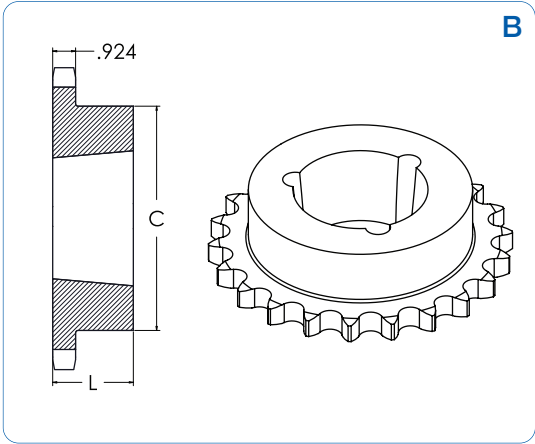


# No. 140 Sprockets

1 3/4" Pitch – Single – Type Taper Bushed and Type Taper Bushed with Hardened Teeth

## Single – Taper Bushed with Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 12        | 140BTB12 H     |
| 13        | 140BTB13 H     |
| 14        | 140BTB14 H     |
| 15        | 140BTB15 H     |
| 16        | 140BTB16 H     |
| 17        | 140BTB17 H     |
| 18        | 140BTB18 H     |
| 19        | 140BTB19 H     |
| 21        | 140BTB21 H     |
| 26        | 140BTB26 H     |

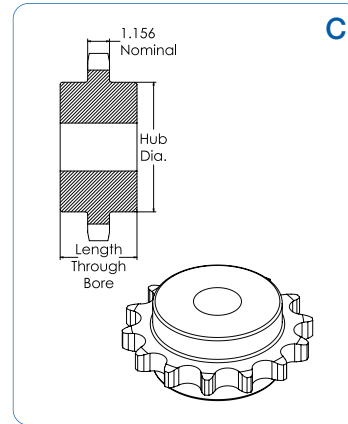
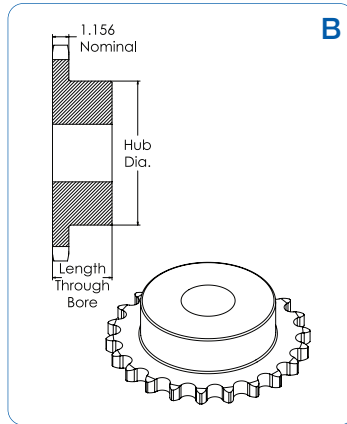
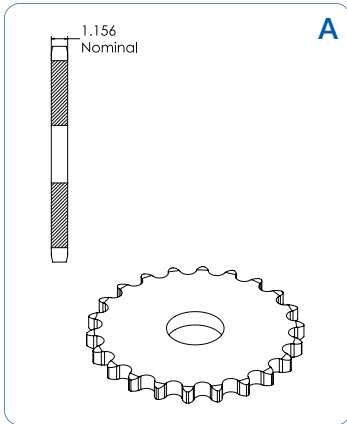


## Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |       | Type | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|-----------|------------|-------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C     |      | With Hub      | Rim Only |
| 12        | 140BTB12       | 2517    | 7.581            | 6.762          | 2-1/2     | 1-3/4      | 4-1/4 | B    | 7.0           | 3.5      |
| 13        | 140BTB13       | 3020    | 8.150            | 7.313          | 3         | 2          | 5-1/4 | B    | 8.0           | 6.5      |
| 14        | 140BTB14       | 3020    | 8.718            | 7.864          | 3         | 2          | 5-1/4 | B    | 10.0          | 6.5      |
| 15        | 140BTB15       | 3020    | 9.283            | 8.417          | 3         | 2          | 5-1/4 | B    | 12.0          | 6.5      |
| 16        | 140BTB16       | 3020    | 9.848            | 8.970          | 3         | 2          | 5-1/4 | B    | 14.0          | 6.5      |
| 17        | 140BTB17       | 3020    | 10.411           | 9.524          | 3         | 2          | 5-1/4 | B    | 16.0          | 6.5      |
| 18        | 140BTB18       | 3020    | 10.975           | 10.078         | 3         | 2          | 5-1/4 | B    | 18.0          | 6.5      |
| 19        | 140BTB19       | 3020    | 11.537           | 10.632         | 3         | 2          | 5-1/4 | B    | 20.0          | 6.5      |
| 21        | 140BTB21       | 3020    | 12.660           | 11.742         | 3         | 2          | 5-1/4 | B    | 24.0          | 6.5      |
| 26        | 140BTB26       | 3020    | 15.463           | 14.518         | 3         | 2          | 5-1/4 | B    | 40.0          | 6.5      |
| 35        | 140CTB35       | 3535    | 20.494           | 19.523         | 3-1/2     | 3-1/2      | 6-1/2 | C    | 78.0          | 14       |
| 45        | 140CTB45       | 4040    | 26.076           | 25.087         | 4         | 4          | 7-3/4 | C    | 118.0         | 22       |
| 60        | 140CTB60       | 4040    | 34.442           | 33.438         | 4         | 4          | 7-3/4 | C    | 188.0         | 22       |
| 70        | 140CTB70       | 4040    | 40.017           | 39.006         | 4         | 4          | 7-3/4 | C    | 241.0         | 22       |

## No. 160 Sprockets

2" Pitch – Single – Types A, B, and C



### Types A, B and C

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (App.) |  | Type | Catalog Number | Stock Bore | Weight Lbs. (App.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|--------------------|--|------|----------------|------------|--------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                    |  |      |                |            |                    |
| 8         | 160B8          | 6.030            | B    | 1-1/2         | 1-7/8     | 3-1/4        | 2-1/4       | 8.0                |  | A    | 160A8          | 1-1/2      | 5.0                |
| 9         | 160B9          | 6.700            | B    | 1-1/2         | 2-1/8     | 3-5/8        | 2-1/4       | 10.0               |  | A    | 160A9          | 1-1/2      | 7.0                |
| 10        | 160B10         | 7.360            | B    | 1-1/2         | 2-3/4     | 4-1/8        | 2-1/4       | 12.0               |  | A    | 160A10         | 1-1/2      | 8.0                |
| 11        | 160B11         | 8.010            | B    | 1-1/2         | 3-1/4     | 4-3/4        | 2-1/2       | 17.0               |  | A    | 160A11         | 1-1/2      | 10.0               |
| 12        | 160B12         | 8.660            | B    | 1-1/2         | 3-3/4     | 5-1/2        | 2-1/2       | 21.0               |  | A    | 160A12         | 1-1/2      | 12.0               |
| 13        | 160B13         | 9.310            | B    | 1-1/2         | 4         | 6            | 2-3/4       | 28.0               |  | A    | 160A13         | 1-1/2      | 16.0               |
| 14        | 160B14         | 9.960            | B    | 1-1/2         | 4-1/2     | 6-1/2        | 2-3/4       | 32.0               |  | A    | 160A14         | 1-1/2      | 17.0               |
| 15        | 160B15         | 10.610           | B    | 1-1/2         | 5-1/4     | 7            | 2-3/4       | 37.0               |  | A    | 160A15         | 1-1/2      | 21.0               |
| 16        | 160B16         | 11.260           | B    | 1-1/2         | 5-1/4     | 7            | 2-3/4       | 41.0               |  | A    | 160A16         | 1-1/2      | 24.0               |
| 17        | 160B17         | 11.900           | B    | 1-1/2         | 5-1/4     | 7            | 2-3/4       | 45.0               |  | A    | 160A17         | 1-1/2      | 27.0               |
| 18        | 160B18         | 12.540           | B    | 1-1/2         | 5-1/4     | 7            | 2-3/4       | 48.0               |  | A    | 160A18         | 1-1/2      | 30.0               |
| 19        | 160B19         | 13.190           | B    | 1-1/2         | 5-1/4     | 7            | 2-3/4       | 52.0               |  | A    | 160A19         | 1-1/2      | 34.0               |
| 20        | 160B20         | 13.830           | B    | 1-1/2         | 5-1/4     | 7            | 2-3/4       | 56.0               |  | A    | 160A20         | 1-1/2      | 38.0               |
| 21        | 160B21         | 14.470           | B    | 1-1/2         | 5-1/4     | 7            | 2-3/4       | 59.0               |  | A    | 160A21         | 1-1/2      | 42.0               |
| 22        | 160B22         | 15.110           | B    | 1-1/2         | 5-1/4     | 7            | 2-3/4       | 65.0               |  | A    | 160A22         | 1-1/2      | 46.0               |
| 23        | 160B23         | 15.750           | B    | 1-1/2         | 5-1/4     | 7            | 2-3/4       | 68.0               |  | A    | 160A23         | 1-1/2      | 50.0               |
| 24        | 160B24         | 16.390           | B    | 1-1/2         | 5-1/4     | 7            | 3           | 77.0               |  | A    | 160A24         | 1-1/2      | 56.0               |
| 25        | 160B25         | 17.030           | B    | 1-1/2         | 5-1/4     | 7            | 3           | 81.0               |  | A    | 160A25         | 1-1/2      | 61.0               |
| 26        | 160B26         | 17.670           | B    | 1-1/2         | 5-1/4     | 7            | 3           | 86.0               |  | A    | 160A26         | 1-1/2      | 65.0               |
| 27        | 160B27         | 18.310           | B    | 1-1/2         | 5-1/4     | 7            | 3           | 91.0               |  | A    | 160A27         | 1-1/2      | 71.0               |
| 28        | 160B28         | 18.950           | B    | 1-1/2         | 5-1/4     | 7            | 3           | 98.0               |  | A    | 160A28         | 1-1/2      | 77.0               |
| 30        | 160B30         | 20.230           | B    | 1-1/2         | 5-1/4     | 7            | 3           | 108.0              |  | A    | 160A30         | 1-1/2      | 90.0               |
| 35        | 160C35         | 23.420           | C    | 1-1/2         | 5-1/2     | 8            | 4-1/2       | 154.0              |  | A    | 160A35         | 1-1/2      | 121.0              |
| 40        | 160C40         | 26.610           | C    | 1-1/2         | 5-1/2     | 8            | 4-1/2       | 196.0              |  | A    | 160A40         | 1-1/2      | 138.0              |
| 45        | 160C45         | 29.800           | C    | 1-1/2         | 5-1/2     | 8            | 5           | 234.0              |  | A    | 160A45         | 1-1/2      | 204.0              |
| 54        | 160C54         | 35.540           | C    | 1-1/2         | 5-1/2     | 8            | 5           | 276.0              |  | A    | 160A54         | 1-1/2      | 294.0              |
| 60        | 160C60         | 39.360           | C    | 1-1/2         | 5-1/2     | 8            | 5           | 329.0              |  | A    | 160A60         | 1-1/2      | 366.0              |
| 70        | 160C70         | 45.730           | C    | 1-1/2         | 5-1/2     | 8            | 5           | 446.0              |  | A    | 160A70         | 1-1/2      | 507.0              |
| 80        | 160C80         | 52.100           | C    | 1-1/2         | 5-1/2     | 8            | 6           | 612.0              |  | A    | 160A80         | 1-1/2      | 656.0              |

### Type C - Steel 2" Pitch

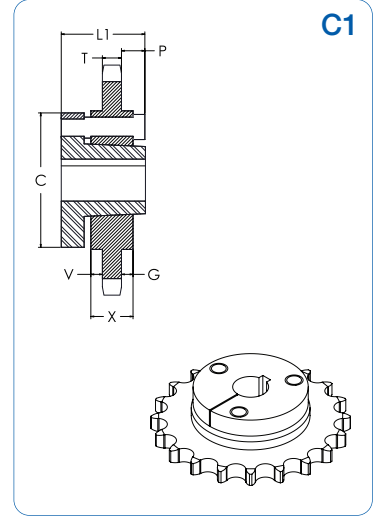
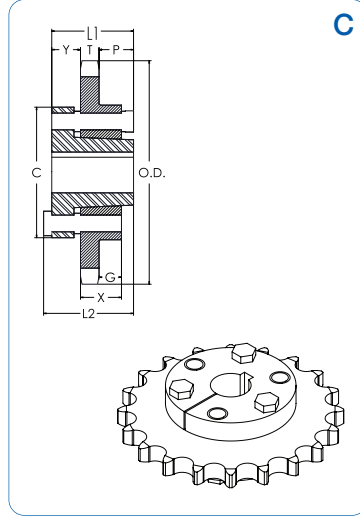
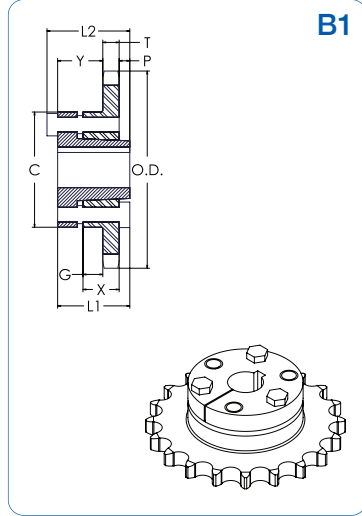
| No. Teeth | Catalog Number | Outside Diameter | Bore Inches |           | Hub Inches |        | Weight Lbs. (App.) |
|-----------|----------------|------------------|-------------|-----------|------------|--------|--------------------|
|           |                |                  | Stock       | Rec. Max. | Dia.       | Length |                    |
| 11        | 160C11         | 8.010            | 1-1/2       | 3-1/4     | 4-1/2      | 4-1/8  | 21.0               |
| 12        | 160C12         | 8.660            | 1-1/2       | 3-3/4     | 5-1/2      | 4-1/8  | 26.0               |

# No. 160 Sprockets

2" Pitch – Single – Type "QD" and Type "QD" with Hardened Teeth

## QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 12        | 160E12 H       |
| 13        | 160E13 H       |
| 14        | 160E14 H       |
| 15        | 160F15 H       |
| 16        | 160F16 H       |
| 17        | 160F17 H       |
| 18        | 160F18 H       |
| 19        | 160F19 H       |
| 20        | 160F20 H       |
| 21        | 160F21 H       |
| 22        | 160F22 H       |
| 23        | 160F23 H       |
| 24        | 160F24 H       |
| 25        | 160F25 H       |
| 26        | 160J26 H       |
| 28        | 160J28 H       |
| 30        | 160J30 H       |



## QD

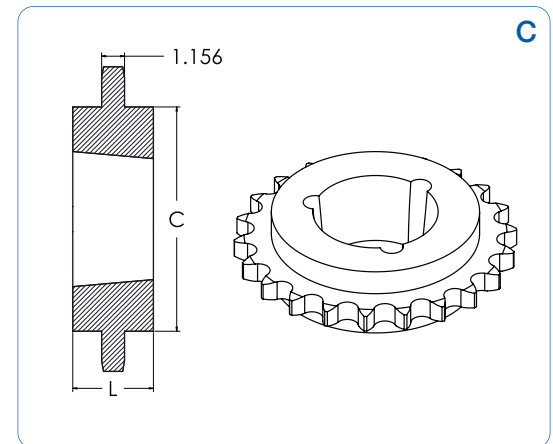
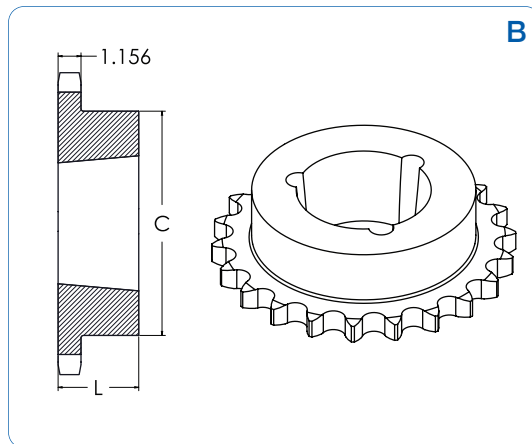
| No. Teeth | Catalog Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions     |                |       |         |         |         |         |        |       |          | Weight (App.) |  |
|-----------|----------------|---------|------------------|----------------|------|-----------|----------------|----------------|-------|---------|---------|---------|---------|--------|-------|----------|---------------|--|
|           |                |         | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C     | Y       | P       | G       | V       | X      | T     | With Hub | Rim Only      |  |
| 12        | 160E12         | E       | 8.660            | 7.727          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6     | 1-5/16  | 1/8     | 15/32   |         | 1-5/8  | 1.156 | 21.0     | 11            |  |
| 13        | 160E13         | E       | 9.310            | 8.357          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6     | 1-5/16  | 1/8     | 15/32   |         | 1-5/8  | 1.156 | 24.0     | 14            |  |
| 14        | 160E14         | E       | 9.960            | 8.988          | B1   | 3-1/2     | 2-5/8          | 2-15/16        | 6     | 1-5/16  | 1/8     | 15/32   |         | 1-5/8  | 1.156 | 26.0     | 16            |  |
| 15        | 160F15         | F       | 10.610           | 9.620          | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-5/16  | 1/8     | 1-11/32 |         | 2-1/2  | 1.156 | 35.5     | 24            |  |
| 16        | 160F16         | F       | 11.260           | 10.252         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-5/16  | 1/8     | 1-11/32 |         | 2-1/2  | 1.156 | 38.5     | 27            |  |
| 17        | 160F17         | F       | 11.900           | 10.885         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-5/16  | 1/8     | 1-11/32 |         | 2-1/2  | 1.156 | 42.5     | 31            |  |
| 18        | 160F18         | F       | 12.540           | 10.518         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-5/16  | 1/8     | 1-11/32 |         | 2-1/2  | 1.156 | 46.5     | 35            |  |
| 19        | 160F19         | F       | 13.190           | 12.151         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-5/16  | 1/8     | 1-11/32 |         | 2-1/2  | 1.156 | 49.5     | 38            |  |
| 20        | 160F20         | F       | 13.830           | 12.785         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-5/16  | 1/8     | 1-11/32 |         | 2-1/2  | 1.156 | 53.5     | 42            |  |
| 21        | 160F22         | F       | 14.740           | 13.419         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-5/16  | 1/8     | 1-11/32 |         | 2-1/2  | 1.156 | 56.5     | 45            |  |
| 22        | 160F22         | F       | 15.110           | 14.053         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-5/16  | 1/8     | 1-11/32 |         | 2-1/2  | 1.156 | 62.5     | 51            |  |
| 23        | 160F23         | F       | 15.750           | 14.688         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-5/16  | 1/8     | 1-11/32 |         | 2-1/2  | 1.156 | 66.5     | 55            |  |
| 24        | 160F24         | F       | 16.390           | 15.323         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-5/16  | 1/8     | 1-11/32 |         | 2-1/2  | 1.156 | 70.5     | 59            |  |
| 25        | 160F25         | F       | 17.030           | 15.958         | B1   | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 2-5/16  | 1/8     | 1-11/32 |         | 2-1/2  | 1.156 | 75.5     | 64            |  |
| 26        | 160J26         | J       | 17.670           | 16.593         | C    | 4-7/16    | 4-1/2          | 5              | 7-1/4 | 1-3/16  | 2-1/8   | 2-1/32  |         | 3-3/16 | 1.156 | 92.5     | 74            |  |
| 28        | 160J28         | J       | 18.950           | 17.863         | C    | 4-7/16    | 4-1/2          | 5              | 7-1/4 | 1-3/16  | 2-1/8   | 2-1/32  |         | 3-3/16 | 1.156 | 103.0    | 84            |  |
| 30        | 160J30         | J       | 20.230           | 19.134         | C    | 4-7/16    | 4-1/2          | 5              | 7-1/4 | 1-3/16  | 2-1/8   | 2-1/32  |         | 3-3/16 | 1.156 | 115.0    | 96            |  |
| 35        | 160J35         | J       | 23.420           | 22.312         | C    | 4-7/16    | 4-1/2          | 5              | 7-1/4 | 1-3/16  | 2-1/8   | 2-1/32  |         | 3-3/16 | 1.156 | 135.0    | 116           |  |
| 40        | 160M40         | M       | 26.610           | 25.491         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-11/16 | 2-11/16 | 2-13/32 | 1-19/32 | 5-3/16 | 1.156 | 211.0    | 174           |  |
| 45        | 160M45         | M       | 29.800           | 28.671         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-11/16 | 2-11/16 | 2-13/32 | 1-19/32 | 5-3/16 | 1.156 | 245.0    | 208           |  |
| 54        | 160M54         | M       | 35.540           | 34.397         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-11/16 | 2-11/16 | 2-13/32 | 1-19/32 | 5-3/16 | 1.156 | 299.0    | 262           |  |
| 60        | 160M60         | M       | 39.360           | 38.215         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-11/16 | 2-11/16 | 2-13/32 | 1-19/32 | 5-3/16 | 1.156 | 347.0    | 310           |  |
| 70        | 160M70         | M       | 45.730           | 44.578         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-11/16 | 2-11/16 | 2-13/32 | 1-19/32 | 5-3/16 | 1.156 | 468.0    | 431           |  |
| 80        | 160M80         | M       | 52.100           | 50.943         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-11/16 | 2-11/16 | 2-13/32 | 1-19/32 | 5-3/16 | 1.156 | 567.0    | 530           |  |

## No. 160 Sprockets

2" Pitch – Single – Type Taper Bushed and Type Taper Bushed with Hardened Teeth

### Taper Bushed With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 11        | 160BTB11 H     |
| 12        | 160BTB12 H     |
| 13        | 160BTB13 H     |
| 14        | 160BTB14 H     |
| 15        | 160BTB15 H     |
| 16        | 160BTB16 H     |
| 17        | 160BTB17 H     |
| 18        | 160BTB18 H     |
| 19        | 160BTB19 H     |
| 21        | 160BTB21 H     |
| 26        | 160BTB26 H     |

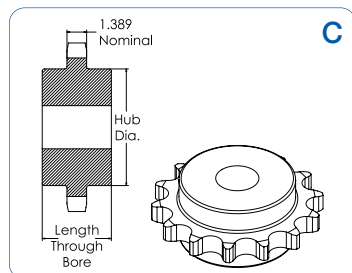
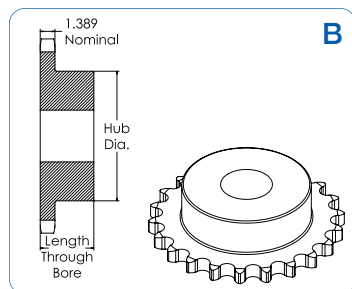
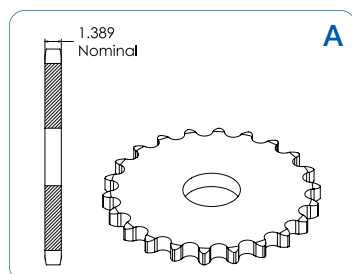


### Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |       | Type | Weight (App.) |          |
|-----------|----------------|---------|------------------|----------------|-----------|------------|-------|------|---------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C     |      | With Hub      | Rim Only |
| 11        | 160BTB11       | 2517    | 8.011            | 7.099          | 2-1/2     | 1-3/4      | 4-1/4 | B    | 9.0           | 3.5      |
| 12        | 160BTB12       | 3020    | 8.664            | 7.727          | 3         | 2          | 5-1/4 | B    | 11.0          | 6.5      |
| 13        | 160BTB13       | 3020    | 9.314            | 8.357          | 3         | 2          | 5-1/4 | B    | 13.0          | 6.5      |
| 14        | 160BTB14       | 3020    | 9.963            | 8.988          | 3         | 2          | 5-1/4 | B    | 16.0          | 6.5      |
| 15        | 60BTB15        | 3535    | 10.609           | 9.620          | 3-1/2     | 3-1/2      | 6-1/2 | B    | 25.0          | 14.0     |
| 16        | 60BTB16        | 3535    | 11.255           | 10.252         | 3-1/2     | 3-1/2      | 6-1/2 | B    | 28.0          | 14.0     |
| 17        | 60BTB17        | 3535    | 11.899           | 10.885         | 3-1/2     | 3-1/2      | 6-1/2 | B    | 32.0          | 14.0     |
| 18        | 60BTB18        | 3535    | 12.543           | 11.518         | 3-1/2     | 3-1/2      | 6-1/2 | B    | 35.0          | 14.0     |
| 19        | 60BTB19        | 3535    | 13.185           | 12.151         | 3-1/2     | 3-1/2      | 6-1/2 | B    | 39.0          | 14.0     |
| 21        | 60BTB21        | 3535    | 14.470           | 13.419         | 3-1/2     | 3-1/2      | 6-1/2 | B    | 48.0          | 14.0     |
| 26        | 60BTB26        | 3535    | 17.671           | 16.593         | 3-1/2     | 3-1/2      | 6-1/2 | B    | 68.0          | 14.0     |
| 35        | 60CTB35        | 4040    | 23.422           | 22.312         | 4         | 4          | 7-3/4 | C    | 118.0         | 14.0     |
| 45        | 60CTB45        | 4040    | 29.802           | 28.671         | 4         | 4          | 7-3/4 | C    | 186.0         | 22.0     |
| 60        | 60CTB60        | 4545    | 39.362           | 38.215         | 4-1/2     | 4-1/2      | 8-3/4 | C    | 292.0         | 30.0     |

# No. 200 Sprockets

2 1/2" Pitch – Single – Types A, B, C, and Type "QD"



## Type A, B & C

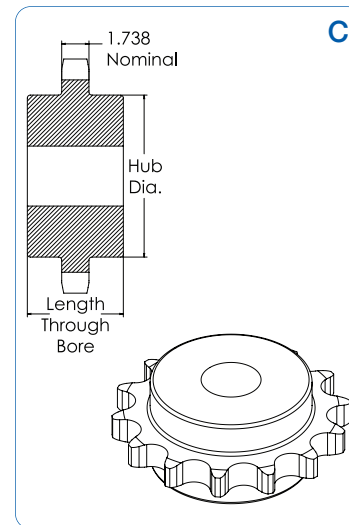
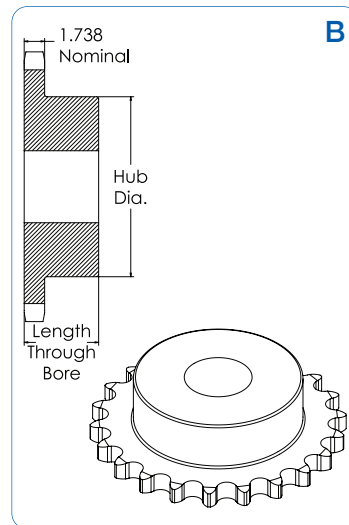
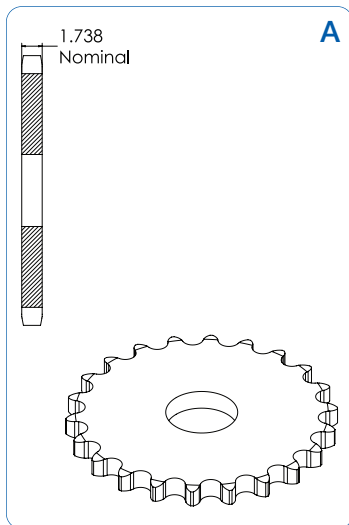
| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Weight Lbs. (App.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|--------------------|------|----------------|------------|--------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                    |      |                |            |                    |
| 10        | 200B10         | 9.200            | B    | 1-1/2         | 3-3/4     | 5-1/2        | 3           | 26                 | A    | 200A10         | 1-1/2      | 16                 |
| 11        | 200B11         | 10.020           | B    | 1-1/2         | 4         | 6            | 3           | 33                 | A    | 200A11         | 1-1/2      | 20                 |
| 12        | 200B12         | 10.830           | B    | 1-1/2         | 4-1/2     | 6-1/2        | 3           | 37                 | A    | 200A12         | 1-1/2      | 24                 |
| 13        | 200B13         | 11.640           | B    | 1-1/2         | 5-1/4     | 7            | 3           | 46                 | A    | 200A13         | 1-1/2      | 30                 |
| 14        | 200B14         | 12.460           | B    | 1-1/2         | 5-3/8     | 7-1/2        | 3-1/2       | 59                 | A    | 200A14         | 1-1/2      | 32                 |
| 15        | 200B15         | 13.260           | B    | 1-1/2         | 5-3/8     | 7-1/2        | 3-1/2       | 64                 | A    | 200A15         | 1-1/2      | 40                 |
| 16        | 200B16         | 14.070           | B    | 1-1/2         | 5-3/8     | 7-1/2        | 3-1/2       | 72                 | A    | 200A16         | 1-1/2      | 46                 |
| 17        | 200B17         | 14.870           | B    | 1-1/2         | 5-3/8     | 7-1/2        | 3-1/2       | 76                 | A    | 200A17         | 1-1/2      | 51                 |
| 18        | 200B18         | 15.680           | B    | 1-1/2         | 5-3/8     | 7-1/2        | 3-1/2       | 84                 | A    | 200A18         | 1-1/2      | 57                 |
| 19        | 200B19         | 16.480           | B    | 1-1/2         | 5-3/8     | 7-1/2        | 3-1/2       | 91                 | A    | 200A19         | 1-1/2      | 65                 |
| 20        | 200B20         | 17.290           | B    | 1-1/2         | 5-3/8     | 7-1/2        | 3-1/2       | 98                 | A    | 200A20         | 1-1/2      | 72                 |
| 21        | 200B21         | 18.090           | B    | 1-1/2         | 5-3/8     | 7-1/2        | 3-1/2       | 106                | A    | 200A21         | 1-1/2      | 82                 |
| 22        | 200B22         | 18.890           | B    | 1-1/2         | 5-3/4     | 8-1/2        | 4           | 131                | A    | 200A22         | 1-1/2      | 88                 |
| 23        | 200B23         | 19.690           | B    | 1-1/2         | 5-3/4     | 8-1/2        | 4           | 136                | A    | 200A23         | 1-1/2      | 95                 |
| 24        | 200B24         | 20.490           | B    | 1-1/2         | 5-3/4     | 8-1/2        | 4           | 142                | A    | 200A24         | 1-1/2      | 105                |
| 25        | 200B25         | 21.290           | B    | 1-1/2         | 5-3/4     | 8-1/2        | 4           | 153                | A    | 200A25         | 1-1/2      | 113                |
| 26        | 200C26         | 22.090           | C    | 1-1/2         | 5-3/4     | 8-1/2        | 4-1/2       | 178                | A    | 200A26         | 1-1/2      | 124                |
| 28        | 200C28         | 23.690           | C    | 1-1/2         | 5-3/4     | 8-1/2        | 4-1/2       | 195                | A    | 200A28         | 1-1/2      | 144                |
| 30        | 200C30         | 25.290           | C    | 1-1/2         | 5-3/4     | 8-1/2        | 4-1/2       | 212                | A    | 200A30         | 1-1/2      | 167                |
| 32        | 200C32         | 26.880           | C    | 1-1/2         | 5-3/4     | 8-1/2        | 4-1/2       | 220                | A    | 200A32         | 1-1/2      | 195                |
| 35        | 200C35         | 29.280           | C    | 1-1/2         | 5-3/4     | 8-1/2        | 4-1/2       | 254                | A    | 200A35         | 1-1/2      | 227                |
| 40        | 200C40         | 33.270           | C    | 1-1/2         | 6         | 9            | 5           | 320                | A    | 200A40         | 1-1/2      | 301                |
| 45        | 200C45         | 37.250           | C    | 1-1/2         | 6         | 9            | 5           | 364                | A    | 200A45         | 1-1/2      | 390                |
| 54        | 200C54         | 44.420           | C    | 1-1/2         | 6-1/2     | 9-1/2        | 5-1/2       | 512                | A    | 200A54         | 1-1/2      | 555                |
| 60        | 200C60         | 49.200           | C    | 1-1/2         | 6-1/2     | 9-1/2        | 5-1/2       | 654                | A    | 200A60         | 1-1/2      | 692                |

## QD

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions     |                |       |         |         |         |         |        |       |          | Weight (App.) |  |
|-----------|----------------|---------|------------------|----------------|------|-----------|----------------|----------------|-------|---------|---------|---------|---------|--------|-------|----------|---------------|--|
|           |                |         | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C     | Y       | P       | G       | V       | X      | T     | With Hub | Rim Only      |  |
| 12        | 200F12         | F       | 10.830           | 9.660          | C    | 3-15/16   | 3-5/8          | 4              | 6-5/8 | 1       | 1-5/16  | 1-1/8   |         | 2-1/2  | 1.389 | 25.5     | 24.0          |  |
| 13        | 200J13         | J       | 11.640           | 10.447         | C    | 4-7/16    | 4-1/2          | 5              | 7-1/4 | 1-3/16  | 2       | 1-13/16 |         | 3-3/16 | 1.389 | 50.5     | 32.0          |  |
| 14        | 200J14         | J       | 12.460           | 11.235         | C    | 4-7/16    | 4-1/2          | 5              | 7-1/4 | 1-3/16  | 2       | 1-13/16 |         | 3-3/16 | 1.389 | 57.5     | 39.0          |  |
| 15        | 200J15         | J       | 13.260           | 12.025         | C    | 4-7/16    | 4-1/2          | 5              | 7-1/4 | 1-3/16  | 2       | 1-13/16 |         | 3-3/16 | 1.389 | 62.5     | 44.0          |  |
| 16        | 200J16         | J       | 14.070           | 12.815         | C    | 4-7/16    | 4-1/2          | 5              | 7-1/4 | 1-3/16  | 2       | 1-13/16 |         | 3-3/16 | 1.389 | 68.5     | 50.0          |  |
| 17        | 200M17         | M       | 14.870           | 13.605         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 113.0    | 76.0          |  |
| 18        | 200M18         | M       | 15.680           | 14.397         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 119.0    | 82.0          |  |
| 19        | 200M19         | M       | 16.480           | 15.910         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 125.0    | 88.0          |  |
| 20        | 200M20         | M       | 17.290           | 15.982         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 134.0    | 97.0          |  |
| 21        | 200M21         | M       | 18.090           | 16.775         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 140.0    | 103.0         |  |
| 22        | 200M22         | M       | 18.890           | 17.567         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 149.0    | 112.0         |  |
| 23        | 200M23         | M       | 19.690           | 18.360         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 157.0    | 120.0         |  |
| 24        | 200M24         | M       | 20.490           | 19.152         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 168.0    | 131.0         |  |
| 25        | 200M25         | M       | 21.290           | 19.947         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 175.0    | 138.0         |  |
| 26        | 200M26         | M       | 22.090           | 20.740         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 185.0    | 148.0         |  |
| 28        | 200M28         | M       | 23.690           | 22.330         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 205.0    | 168.0         |  |
| 30        | 200M30         | M       | 25.290           | 23.917         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 227.0    | 190.0         |  |
| 32        | 200M32         | M       | 26.880           | 25.505         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 251.0    | 214.0         |  |
| 35        | 200M35         | M       | 29.280           | 27.890         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 9     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 265.0    | 228.0         |  |
| 40        | 200M40         | M       | 33.270           | 31.865         | C1   | 5-1/2     | 6-3/4          | 6-3/4          | 0     | 2-23/32 | 2-23/32 | 2-5/16  | 1-1/2   | 5-3/16 | 1.389 | 315.0    | 278.0         |  |
| 45        | 200N45         | N       | 37.250           | 35.840         | C1   | 5-7/8     | 8-1/8          | 8-1/8          | 10    | 3-13/32 | 3-13/32 | 3-3/16  | 1-11/16 | 6-1/4  | 1.389 | 405.0    | 348.0         |  |
| 54        | 200N54         | N       | 44.420           | 42.995         | C1   | 5-7/8     | 8-1/8          | 8-1/8          | 10    | 3-13/32 | 3-13/32 | 3-3/16  | 1-11/16 | 6-1/4  | 1.389 | 535.0    | 478.0         |  |
| 60        | 200N60         | N       | 49.200           | 47.767         | C1   | 5-7/8     | 8-1/8          | 8-1/8          | 10    | 3-13/32 | 3-13/32 | 3-3/16  | 1-11/16 | 6-1/4  | 1.389 | 665.0    | 608.0         |  |

## No. 240 Sprockets

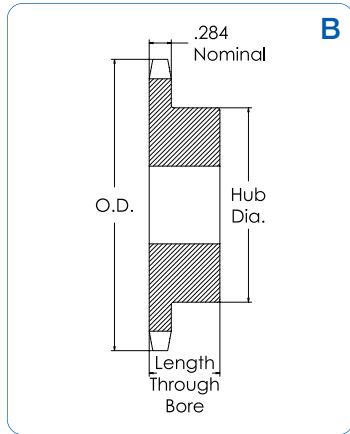
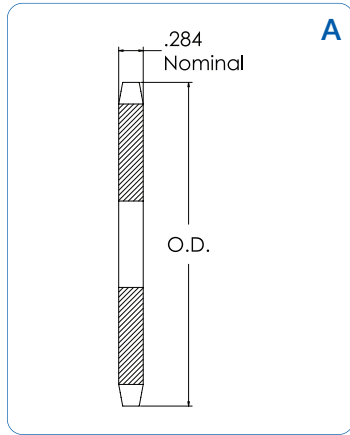
3" Pitch – Single – Types A, B, and C



| No.<br>Teeth | Catalog<br>Number | Outside Diameter | Type | Bore (inches) |              | Hub (inches) |                | Weight<br>Lbs.<br>(App.) |  | Type | Catalog<br>Number | Stock<br>Bore | Weight<br>Lbs.<br>(App.) |
|--------------|-------------------|------------------|------|---------------|--------------|--------------|----------------|--------------------------|--|------|-------------------|---------------|--------------------------|
|              |                   |                  |      | Stock         | Rec.<br>Max. | Dia.         | Length<br>Thru |                          |  |      |                   |               |                          |
| 10           | 240B10            | 11.030           | B    | 1-1/2         | 4-1/2        | 6-1/2        | 3-3/8          | 49                       |  | A    | 240A10            | 1-1/2         | 30                       |
| 11           | 240B11            | 12.020           | B    | 1-1/2         | 4-3/4        | 7            | 3-7/8          | 66                       |  | A    | 240A11            | 1-1/2         | 37                       |
| 12           | 240B12            | 13.000           | B    | 1-1/2         | 5-3/8        | 7-1/2        | 3-7/8          | 72                       |  | A    | 240A12            | 1-1/2         | 45                       |
| 13           | 240B13            | 13.970           | B    | 1-1/2         | 5-3/8        | 7-1/2        | 3-7/8          | 81                       |  | A    | 240A13            | 1-1/2         | 54                       |
| 14           | 240B14            | 14.940           | B    | 1-1/2         | 5-3/8        | 7-1/2        | 3-7/8          | 88                       |  | A    | 240A14            | 1-1/2         | 62                       |
| 15           | 240B15            | 15.910           | B    | 1-1/2         | 5-3/8        | 7-1/2        | 3-7/8          | 98                       |  | A    | 240A15            | 1-1/2         | 68                       |
| 16           | 240B16            | 16.880           | B    | 1-1/2         | 5-1/2        | 8            | 4-1/8          | 120                      |  | A    | 240A16            | 1-1/2         | 82                       |
| 17           | 240B17            | 17.850           | B    | 1-1/2         | 5-1/2        | 8            | 4-1/8          | 137                      |  | A    | 240A17            | 1-1/2         | 93                       |
| 18           | 240B18            | 18.810           | B    | 1-1/2         | 5-1/2        | 8            | 4-1/8          | 142                      |  | A    | 240A18            | 1-1/2         | 108                      |
| 19           | 240B19            | 19.780           | B    | 1-1/2         | 5-1/2        | 8            | 4-1/8          | 154                      |  | A    | 240A19            | 1-1/2         | 120                      |
| 20           | 240B20            | 20.740           | B    | 1-1/2         | 5-1/2        | 8            | 4-1/8          | 169                      |  | A    | 240A20            | 1-1/2         | 128                      |
| 21           | 240B21            | 21.710           | B    | 1-1/2         | 5-1/2        | 8            | 4-1/8          | 186                      |  | A    | 240A21            | 1-1/2         | 148                      |
| 25           | 240B25            | 25.550           | B    | 1-1/2         | 5-1/2        | 8            | 4-1/8          | 254                      |  | A    | 240A25            | 1-1/2         | 208                      |
| 30           | 240C30            | 30.340           | C    | 1-1/2         | 6            | 9            | 6-1/4          | 398                      |  | A    | 240A30            | 1-1/2         | 310                      |
| 35           | 240C35            | 35.130           | C    | 1-1/2         | 6            | 9            | 6-1/4          | 527                      |  | A    | 240A35            | 1-1/2         | 416                      |
| 40           | 240C40            | 39.920           | C    | 1-1/2         | 7            | 10           | 6-1/4          | 672                      |  | A    | 240A40            | 1-1/2         | 548                      |
| 45           | 240C45            | 44.700           | C    | 1-1/2         | 7            | 10           | 6-1/4          | 850                      |  | A    | 240A45            | 1-1/2         | 702                      |
| 54           | 240C54            | 53.310           | C    | 1-1/2         | 7            | 10           | 6-1/4          | 1148                     |  | A    | 240A54            | 1-1/2         | 1022                     |
| 60           | 240C60            | 59.040           | C    | 1-1/2         | 7            | 10           | 6-1/4          | 1419                     |  | A    | 240A60            | 1-1/2         | 1268                     |

# Double Pitch Sprockets

## 1" Double Pitch – Single – Types A and B



### Conveyor or Drive Series – Standard Roller Double Pitch – 2040/C2040

| No. Teeth | Catalog Number | Outside Diameter | Pitch Dia. | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (App.) |
|-----------|----------------|------------------|------------|------|---------------|-----------|--------------|-------------|--------------------|
|           |                |                  |            |      | Stock         | Rec. Max. | Dia.         | Length Thru |                    |
| 11        | 2040B11        | 2.000            | 1.852      | B    | 1/2           | 13/16     | 1-3/8*       | 7/8         | .34                |
| 12        | 2040B12        | 2.170            | 2.000      | B    | 1/2           | 13/16     | 1-9/16*      | 7/8         | .44                |
| 13        | 2040B13        | 2.330            | 2.152      | B    | 1/2           | 21/32     | 1-9/16*      | 7/8         | .48                |
| 14        | 2040B14        | 2.490            | 2.305      | B    | 1/2           | 1-1/32    | 1-11/16*     | 7/8         | .60                |
| 15        | 2040B15        | 2.650            | 2.458      | B    | 5/8           | 1-7/32    | 1-23/32      | 7/8         | .66                |
| 16        | 2040B16        | 2.810            | 2.613      | B    | 5/8           | 1-9/32    | 1-7/8        | 7/8         | .76                |
| 17        | 2040B17        | 2.980            | 2.768      | B    | 5/8           | 1-5/16    | 2-3/64       | 1           | 1.00               |
| 18        | 2040B18        | 3.140            | 2.924      | B    | 5/8           | 1-15/32   | 2-7/32       | 1           | 1.16               |
| 19        | 2040B19        | 3.300            | 3.080      | B    | 5/8           | 1-5/8     | 2-3/8        | 1           | 1.36               |
| 20        | 2040B20        | 3.460            | 3.236      | B    | 5/8           | 1-3/4     | 2-35/64      | 1           | 1.54               |
| 21        | 2040B21        | 3.620            | 3.392      | B    | 5/8           | 1-25/32   | 2-45/64      | 1           | 1.74               |
| 22        | 2040B22        | 3.780            | 3.549      | B    | 5/8           | 1-7/8     | 2-7/8        | 1           | 1.92               |
| 23        | 2040B23        | 3.940            | 3.706      | B    | 5/8           | 2         | 3            | 1           | 2.16               |
| 24        | 2040B24        | 4.100            | 3.864      | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.44               |
| 25        | 2040B25        | 4.260            | 4.021      | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.48               |
| 26        | 2040B26        | 4.420            | 4.179      | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.60               |
| 28        | 2040B28        | 4.740            | 4.494      | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.74               |
| 30        | 2040B30        | 5.060            | 4.810      | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.92               |

\* Has recessed groove in hub for chain clearance.

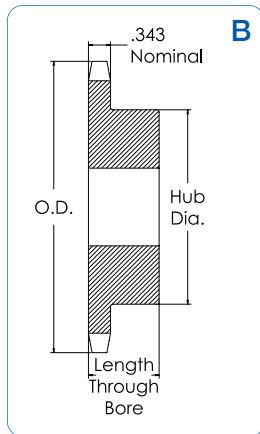
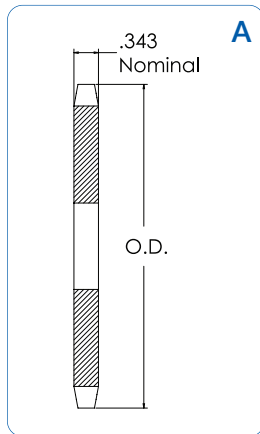
### Conveyor Series – Carrier Roller Double Pitch 2042/C2042

| No. Teeth | Catalog Number | Outside Diameter | Pitch Dia. | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (App.) |   | Catalog Number | Stock Bore | Wt. Lbs. (App.) |
|-----------|----------------|------------------|------------|------|---------------|-----------|--------------|-------------|--------------------|---|----------------|------------|-----------------|
|           |                |                  |            |      | Stock         | Rec. Max. | Dia.         | Length Thru |                    |   |                |            |                 |
| 8         | 2042B8         | 3.010            | 2.613      | B    | 5/8           | 1-9/32    | 1-7/8        | 7/8         | .72                |   |                |            |                 |
| 9         | 2042B9         | 3.350            | 2.924      | B    | 5/8           | 1-15/32   | 2-7/32       | 7/8         | 1.02               |   |                |            |                 |
| 10        | 2042B10        | 3.680            | 3.236      | B    | 5/8           | 1-3/4     | 2-35/64      | 1           | 1.50               |   |                |            |                 |
| 11        | 2042B11        | 4.000            | 3.549      | B    | 5/8           | 1-7/8     | 2-5/8        | 1           | 1.68               |   |                |            |                 |
| 12        | 2042B12        | 4.330            | 3.864      | B    | 5/8           | 2-1/4     | 3-1/16       | 1           | 2.22               |   |                |            |                 |
| 13        | 2042B13        | 4.660            | 4.179      | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.56               |   |                |            |                 |
| 14        | 2042B14        | 4.980            | 4.494      | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.72               |   |                |            |                 |
| 15        | 2042B15        | 5.300            | 4.810      | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 2.90               |   |                |            |                 |
| 16        | 2042B16        | 5.630            | 5.126      | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 3.10               | A | 2042A16        | 19/32      | 1.38            |
| 17        | 2042B17        | 5.950            | 5.442      | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 3.40               | A | 2042A17        | 19/32      | 1.66            |
| 18        | 2042B18        | 6.270            | 5.759      | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 3.56               | A | 2042A18        | 19/32      | 1.88            |
| 19        | 2042B19        | 6.590            | 6.076      | B    | 5/8           | 2-1/4     | 3-1/4        | 1           | 3.72               | A | 2042A19        | 19/32      | 2.06            |
| 20        | 2042B20        | 6.910            | 6.392      | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 4.72               | A | 2042A20        | 23/32      | 2.40            |
| 21        | 2042B21        | 7.240            | 6.710      | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 4.84               | A | 2042A21        | 23/32      | 2.62            |
| 22        | 2042B22        | 7.560            | 7.027      | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 5.18               | A | 2042A22        | 23/32      | 2.88            |
| 23        | 2042B23        | 7.880            | 7.344      | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 5.04               | A | 2042A23        | 23/32      | 3.14            |
| 24        | 2042B24        | 8.200            | 7.661      | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 5.58               | A | 2042A24        | 23/32      | 3.22            |
| 25        | 2042B25        | 8.520            | 7.979      | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 5.96               | A | 2042A25        | 23/32      | 3.50            |
| 26        | 2042B26        | 8.840            | 8.296      | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 6.22               | A | 2042A26        | 23/32      | 3.74            |
| 28        | 2042B28        | 9.480            | 8.931      | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 6.78               | A | 2042A28        | 23/32      | 4.76            |
| 30        | 2042B30        | 10.110           | 9.567      | B    | 3/4           | 2-3/8     | 3-1/2        | 1-1/8       | 7.56               | A | 2042A30        | 23/32      | 5.08            |



## Double Pitch Sprockets

1 1/4" Double Pitch – Single – Types A and B



## Conveyor or Drive Series – Standard Roller Double Pitch – 2050/C2050

| No. Teeth | Catalog Number | Outside Diameter | Pitch Dia. | Type | Bore (inches)<br>Stock | Rec. Max. | Hub (inches)<br>Dia. | Length Thru | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Wt. Lbs. (App.) |
|-----------|----------------|------------------|------------|------|------------------------|-----------|----------------------|-------------|--------------------|------|----------------|------------|-----------------|
| 11        | 2050B11        | 2.500            | 2.315      | B    | 5/8                    | 13/16     | 1-3/4*               | 1           | .62                |      |                |            |                 |
| 12        | 2050B12        | 2.710            | 2.500      | B    | 5/8                    | 1         | 1-63/64              | 1           | .80                |      |                |            |                 |
| 13        | 2050B13        | 2.910            | 2.690      | B    | 5/8                    | 1-7/32    | 1-23/32              | 1           | .82                |      |                |            |                 |
| 14        | 2050B14        | 3.110            | 2.881      | B    | 5/8                    | 1-9/32    | 1-15/16              | 1           | 1.00               |      |                |            |                 |
| 15        | 2050B15        | 3.320            | 3.073      | B    | 5/8                    | 1-13/32   | 2-5/32               | 1           | 1.22               |      |                |            |                 |
| 16        | 2050B16        | 3.520            | 3.266      | B    | 5/8                    | 1-19/32   | 2-23/64              | 1           | 1.44               |      |                |            |                 |
| 17        | 2050B17        | 3.720            | 3.460      | B    | 5/8                    | 1-3/4     | 2-9/16               | 1           | 1.68               |      |                |            |                 |
| 18        | 2050B18        | 3.920            | 3.665      | B    | 5/8                    | 1-25/32   | 2-25/32              | 1           | 1.94               |      |                |            |                 |
| 19        | 2050B19        | 4.120            | 3.850      | B    | 5/8                    | 1-31/32   | 2-63/64              | 1           | 2.24               |      |                |            |                 |
| 20        | 2050B20        | 4.320            | 4.045      | B    | 3/4                    | 2         | 3                    | 1           | 2.30               |      |                |            |                 |
| 21        | 2050B21        | 4.520            | 4.241      | B    | 3/4                    | 2         | 3                    | 1           | 2.40               |      |                |            |                 |
| 22        | 2050B22        | 4.720            | 4.437      | B    | 3/4                    | 2         | 3                    | 1           | 2.54               |      |                |            |                 |
| 23        | 2050B23        | 4.920            | 4.633      | B    | 3/4                    | 2         | 3                    | 1           | 2.66               |      |                |            |                 |
| 24        | 2050B24        | 5.120            | 4.830      | B    | 3/4                    | 2         | 3                    | 1-1/4       | 3.30               | A    | 2050A24        | 23/32      | 1.58            |
| 25        | 2050B25        | 5.320            | 5.026      | B    | 3/4                    | 2         | 3                    | 1-1/4       | 3.42               | A    | 2050A25        | 23/32      | 1.68            |
| 26        | 2050B26        | 5.520            | 5.223      | B    | 3/4                    | 2         | 3                    | 1-1/4       | 3.62               | A    | 2050A26        | 23/32      | 1.88            |
| 28        | 2050B28        | 5.920            | 5.617      | B    | 3/4                    | 2         | 3                    | 1-1/4       | 3.78               | A    | 2050A28        | 23/32      | 2.22            |
| 30        | 2050B30        | 6.320            | 6.012      | B    | 3/4                    | 2-1/4     | 3-1/4                | 1-1/4       | 4.58               | A    | 2050A30        | 23/32      | 2.54            |

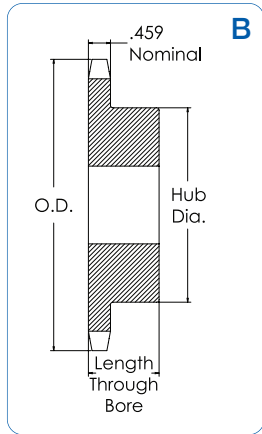
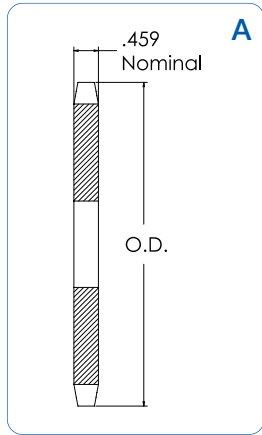
\* Has recessed groove in hub for chain clearance.

## Conveyor Series – Carrier Roller Double Pitch – 2052/C2052

| No. Teeth | Catalog Number | Outside Diameter | Pitch Dia. | Type | Bore (inches)<br>Stock | Rec. Max. | Hub (inches)<br>Dia. | Length Thru | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Wt. Lbs. (App.) |
|-----------|----------------|------------------|------------|------|------------------------|-----------|----------------------|-------------|--------------------|------|----------------|------------|-----------------|
| 8         | 2052B8         | 3.770            | 3.266      | B    | 5/8                    | 1-19/32   | 2-23/64              | 1           | 1.38               |      |                |            |                 |
| 9         | 2052B9         | 4.190            | 3.655      | B    | 5/8                    | 1-25/32   | 2-25/32              | 1           | 1.92               |      |                |            |                 |
| 10        | 2052B10        | 4.600            | 4.045      | B    | 5/8                    | 2         | 3                    | 1           | 2.30               |      |                |            |                 |
| 11        | 2052B11        | 5.010            | 4.437      | B    | 5/8                    | 2         | 3                    | 1           | 2.54               |      |                |            |                 |
| 12        | 2052B12        | 5.420            | 4.830      | B    | 3/4                    | 2         | 3                    | 1-1/4       | 3.20               | A    | 2052A12        | 23/32      | 1.58            |
| 13        | 2052B13        | 5.820            | 5.223      | B    | 3/4                    | 2         | 3                    | 1-1/4       | 3.48               | A    | 2052A13        | 23/32      | 1.82            |
| 14        | 2052B14        | 6.230            | 5.617      | B    | 3/4                    | 2         | 3                    | 1-1/4       | 3.88               | A    | 2052A14        | 23/32      | 2.28            |
| 15        | 2052B15        | 6.630            | 6.012      | B    | 3/4                    | 2-1/4     | 3-1/4                | 1-1/4       | 4.46               | A    | 2052A15        | 23/32      | 2.46            |
| 16        | 2052B16        | 7.030            | 6.407      | B    | 3/4                    | 2-1/4     | 3-1/4                | 1-1/4       | 4.80               | A    | 2052A16        | 23/32      | 2.88            |
| 17        | 2052B17        | 7.440            | 6.803      | B    | 3/4                    | 2-1/4     | 3-1/4                | 1-1/4       | 5.34               | A    | 2052A17        | 23/32      | 3.28            |
| 18        | 2052B18        | 7.840            | 7.198      | B    | 3/4                    | 2-1/4     | 3-1/4                | 1-1/4       | 5.64               | A    | 2052A18        | 23/32      | 3.64            |
| 19        | 2052B19        | 8.240            | 7.595      | B    | 3/4                    | 2-1/4     | 3-1/4                | 1-1/4       | 6.04               | A    | 2052A19        | 23/32      | 4.12            |
| 20        | 2052B20        | 8.640            | 7.991      | B    | 3/4                    | 2-1/4     | 3-1/4                | 1-1/4       | 6.48               | A    | 2052A20        | 23/32      | 4.72            |
| 21        | 2052B21        | 9.040            | 8.387      | B    | 3/4                    | 2-1/4     | 3-1/4                | 1-1/4       | 7.00               | A    | 2052A21        | 23/32      | 5.08            |
| 22        | 2052B22        | 9.440            | 8.783      | B    | 3/4                    | 2-1/4     | 3-1/4                | 1-1/4       | 7.30               | A    | 2052A22        | 23/32      | 5.20            |
| 23        | 2052B23        | 9.850            | 9.180      | B    | 1                      | 2-3/4     | 3-3/4                | 1-1/4       | 8.66               | A    | 2052A23        | 15/16      | 5.84            |
| 24        | 2052B24        | 10.250           | 9.577      | B    | 15/16                  | 2-3/4     | 3-3/4                | 1-1/4       | 9.32               | A    | 2052A24        | 15/16      | 6.70            |
| 25        | 2052B25        | 10.650           | 9.973      | B    | 15/16                  | 2-3/4     | 3-3/4                | 1-1/4       | 10.30              | A    | 2052A25        | 15/16      | 7.54            |
| 26        | 2052B26        | 11.050           | 10.370     | B    | 15/16                  | 2-3/4     | 3-3/4                | 1-1/4       | 11.00              | A    | 2052A26        | 15/16      | 8.24            |
| 28        | 2052B28        | 11.840           | 11.164     | B    | 15/16                  | 2-3/4     | 3-3/4                | 1-1/4       | 11.70              | A    | 2052A28        | 15/16      | 8.70            |
| 30        | 2052B30        | 12.640           | 11.958     | B    | 15/16                  | 2-3/4     | 3-3/4                | 1-1/4       | 12.90              | A    | 2052A30        | 15/16      | 9.92            |

# Double Pitch Sprockets

## 1 1/2" Double Pitch – Single – Types A and B



### Conveyor or Drive Series – Standard Roller Double Pitch – 2060/C2060

| No. Teeth | Catalog Number | Outside Diameter | Pitch Dia. | Type | Bore (inches)<br>Stock | Rec. Max. | Hub (inches)<br>Dia. | Length Thru | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Wt. Lbs. (App.) |
|-----------|----------------|------------------|------------|------|------------------------|-----------|----------------------|-------------|--------------------|------|----------------|------------|-----------------|
| 11        | 2060B11        | 3.000            | 2.773      | B    | 3/4                    | 1         | 2-1/16*              | 1-1/4       | 1/14               |      |                |            |                 |
| 12        | 2060B12        | 3.250            | 3.000      | B    | 3/4                    | 1-1/4     | 2-3/8*               | 1-1/4       | 1.46               |      |                |            |                 |
| 13        | 2060B13        | 3.490            | 3.228      | B    | 3/4                    | 1-5/16    | 2-5/64               | 1-1/4       | 1.52               |      |                |            |                 |
| 14        | 2060B14        | 3.740            | 3.457      | B    | 3/4                    | 1-9/16    | 2-21/64              | 1-1/4       | 1.86               |      |                |            |                 |
| 15        | 2060B15        | 3.980            | 3.688      | B    | 3/4                    | 1-3/4     | 2-19/32              | 1-1/4       | 2.24               |      |                |            |                 |
| 16        | 2060B16        | 4.220            | 3.920      | B    | 3/4                    | 1-27/32   | 2-27/32              | 1-1/4       | 2.64               |      |                |            |                 |
| 17        | 2060B17        | 4.460            | 4.152      | B    | 3/4                    | 2-3/32    | 3-3/32               | 1-1/4       | 3.08               |      |                |            |                 |
| 18        | 2060B18        | 4.700            | 4.386      | B    | 3/4                    | 2-9/32    | 3-11/32              | 1-1/4       | 3.56               |      |                |            |                 |
| 19        | 2060B19        | 4.940            | 4.620      | B    | 3/4                    | 2-11/32   | 3-1/2                | 1-1/4       | 3.94               |      |                |            |                 |
| 20        | 2060B20        | 5.190            | 4.854      | B    | 3/4                    | 2-9/16    | 3-7/8                | 1-1/4       | 4.50               |      |                |            |                 |
| 21        | 2060B21        | 5.430            | 5.089      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 5.02               |      |                |            |                 |
| 22        | 2060B22        | 5.670            | 5.324      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 5.26               |      |                |            |                 |
| 23        | 2060B23        | 5.910            | 5.560      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 5.54               |      |                |            |                 |
| 24        | 2060B24        | 6.150            | 5.796      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 5.90               | A    | 2060A24        | 23/32      | 3.02            |
| 25        | 2060B25        | 6.390            | 6.032      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 6.08               | A    | 2060A25        | 23/32      | 3.36            |
| 26        | 2060B26        | 6.630            | 6.268      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 6.36               | A    | 2060A26        | 23/32      | 3.58            |
| 28        | 2060B28        | 7.110            | 6.741      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 7.02               | A    | 2060A28        | 23/32      | 4.12            |
| 30        | 2060B30        | 7.590            | 7.215      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 7.54               | A    | 2060A30        | 23/32      | 4.88            |

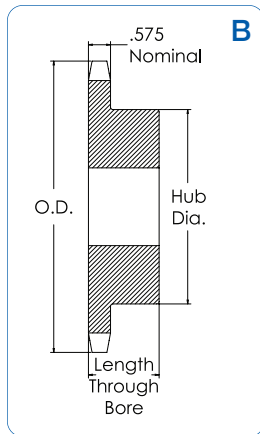
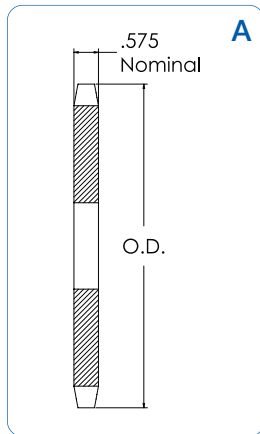
\* Has recessed groove in hub for chain clearance.

### Conveyor Series – Carrier Roller Double Pitch – 2062/C2062

| No. Teeth | Catalog Number | Outside Diameter | Pitch Dia. | Type | Bore (inches)<br>Stock | Rec. Max. | Hub (inches)<br>Dia. | Length Thru | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Wt. Lbs. (App.) |
|-----------|----------------|------------------|------------|------|------------------------|-----------|----------------------|-------------|--------------------|------|----------------|------------|-----------------|
| 8         | 2062B8         | 4.520            | 3.920      | B    | 3/4                    | 1-27/32   | 2-27/32              | 1-1/4       | 2.60               |      |                |            |                 |
| 9         | 2062B9         | 5.020            | 4.386      | B    | 3/4                    | 2-9/32    | 3-11/32              | 1-1/4       | 3.48               |      |                |            |                 |
| 10        | 2062B10        | 5.520            | 4.584      | B    | 3/4                    | 2-9/16    | 3-53/64              | 1-1/4       | 4.54               |      |                |            |                 |
| 11        | 2062B11        | 6.010            | 5.324      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 5.20               |      |                |            |                 |
| 12        | 2062B12        | 6.500            | 5.796      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 5.70               | A    | 2062A12        | 23/32      | 2.98            |
| 13        | 2062B13        | 6.990            | 6.268      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 6.28               | A    | 2062A13        | 23/32      | 3.60            |
| 14        | 2062B14        | 7.470            | 6.741      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 6.82               | A    | 2062A14        | 23/32      | 4.02            |
| 15        | 2062B15        | 7.960            | 7.215      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 7.48               | A    | 2062A15        | 23/32      | 4.76            |
| 16        | 2062B16        | 8.440            | 7.689      | B    | 3/4                    | 2-3/4     | 4                    | 1-1/4       | 8.18               | A    | 2062A16        | 23/32      | 5.70            |
| 17        | 2062B17        | 8.920            | 8.163      | B    | 1                      | 2-3/4     | 4                    | 1-1/4       | 8.82               | A    | 2062A17        | 15/16      | 6.16            |
| 18        | 2062B18        | 9.410            | 8.638      | B    | 1                      | 2-3/4     | 4                    | 1-1/4       | 9.36               | A    | 2062A18        | 15/16      | 6.96            |
| 19        | 2062B19        | 9.890            | 9.113      | B    | 1                      | 2-3/4     | 4-1/4                | 1-1/4       | 11.10              | A    | 2062A19        | 15/16      | 8.00            |
| 20        | 2062B20        | 10.370           | 9.589      | B    | 15/16                  | 2-3/4     | 4-1/4                | 1-1/4       | 11.66              | A    | 2062A20        | 15/16      | 8.46            |
| 21        | 2062B21        | 10.850           | 10.064     | B    | 15/16                  | 2-3/4     | 4-1/4                | 1-1/4       | 13.24              | A    | 2062A21        | 15/16      | 8.93            |
| 22        | 2062B22        | 11.330           | 10.540     | B    | 15/16                  | 2-3/4     | 4-1/4                | 1-1/4       | 13.78              | A    | 2062A22        | 15/16      | 10.74           |
| 23        | 2062B23        | 11.810           | 11.016     | B    | 15/16                  | 2-3/4     | 4-1/4                | 1-1/4       | 14.90              | A    | 2062A23        | 15/16      | 11.64           |
| 24        | 2062B24        | 12.290           | 11.492     | B    | 15/16                  | 2-3/4     | 4-1/4                | 1-1/4       | 15.66              | A    | 2062A24        | 15/16      | 12.64           |
| 25        | 2062B25        | 12.770           | 11.968     | B    | 15/16                  | 2-3/4     | 4-1/4                | 1-1/4       | 16.80              | A    | 2062A25        | 15/16      | 13.78           |
| 26        | 2062B26        | 13.250           | 12.444     | B    | 15/16                  | 2-3/4     | 4-1/4                | 1-3/4       | 20.20              | A    | 2062A26        | 15/16      | 15.00           |
| 28        | 2062B28        | 14.210           | 13.397     | B    | 1-1/4                  | 2-3/4     | 4-1/4                | 1-3/4       | 21.86              | A    | 2062A28        | 1-1/4      | 17.32           |
| 30        | 2062B30        | 15.170           | 14.350     | B    | 1-1/4                  | 2-3/4     | 4-1/4                | 1-3/4       | 26.00              | A    | 2062A30        | 1-1/4      | 19.50           |

## Double Pitch Sprockets

## 2" Double Pitch – Single – Types A and B



## Conveyor or Drive Series – Standard Roller Double Pitch – 2080/C2080

| No. Teeth | Catalog Number | Outside Diameter | Pitch Dia. | Type | Bore (inches)<br>Stock | Rec. Max. | Hub (inches)<br>Dia. | Length Thru | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Wt. Lbs. (App.) |
|-----------|----------------|------------------|------------|------|------------------------|-----------|----------------------|-------------|--------------------|------|----------------|------------|-----------------|
| 11        | 2080B11        | 4.010            | 3.694      | B    | 1                      | 1-1/2     | 2-13/16*             | 1-5/8       | 2.5                |      |                |            |                 |
| 12        | 2080B12        | 4.330            | 4.000      | B    | 1                      | 1-11/16   | 3-1/8*               | 1-5/8       | 3.2                |      |                |            |                 |
| 13        | 2080B13        | 4.660            | 4.304      | B    | 1                      | 1-25/32   | 2-25/32              | 1-1/2       | 3.3                |      |                |            |                 |
| 14        | 2080B14        | 4.980            | 4.610      | B    | 1                      | 2-1/8     | 3-1/8                | 1-1/2       | 4.0                |      |                |            |                 |
| 15        | 2080B15        | 5.300            | 4.917      | B    | 1                      | 2-9/32    | 3-29/64              | 1-1/2       | 4.8                |      |                |            |                 |
| 16        | 2080B16        | 5.630            | 5.226      | B    | 1                      | 2-17/32   | 3-51/64              | 1-1/2       | 5.7                |      |                |            |                 |
| 17        | 2080B17        | 5.950            | 5.536      | B    | 1                      | 2-3/4     | 4                    | 1-1/2       | 6.4                | A    | 2080A17        | 15/16      | 3.4             |
| 18        | 2080B18        | 6.270            | 5.848      | B    | 1                      | 2-3/4     | 4-1/4                | 1-1/2       | 7.4                | A    | 2080A18        | 15/16      | 3.8             |
| 19        | 2080B19        | 6.590            | 6.160      | B    | 1                      | 2-3/4     | 4-1/4                | 1-1/2       | 7.7                | A    | 2080A19        | 15/16      | 4.3             |
| 20        | 2080B20        | 6.910            | 6.472      | B    | 1                      | 2-3/4     | 4-1/4                | 1-1/2       | 8.3                | A    | 2080A20        | 15/16      | 4.8             |
| 21        | 2080B21        | 7.230            | 6.785      | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 9.4                | A    | 2080A21        | 15/16      | 5.3             |
| 22        | 2080B22        | 7.560            | 7.099      | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 10.0               | A    | 2080A22        | 15/16      | 5.8             |
| 23        | 2080B23        | 7.880            | 7.413      | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 10.5               | A    | 2060A23        | 15/16      | 6.4             |
| 24        | 2080B24        | 8.200            | 7.727      | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 11.1               | A    | 2060A24        | 15/16      | 7.1             |
| 25        | 2080B25        | 8.520            | 8.042      | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 12.0               | A    | 2060A25        | 15/16      | 7.5             |
| 26        | 2080B26        | 8.840            | 8.357      | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 14.8               | A    | 2080A26        | 1-3/16     | 8.3             |
| 28        | 2080B28        | 9.480            | 8.988      | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 16.6               | A    | 2080A28        | 1-3/16     | 9.2             |
| 30        | 2080B30        | 10.110           | 9.620      | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 17.8               | A    | 2080A30        | 1-3/16     | 10.7            |

\* Has recessed groove in hub for chain clearance.

## Conveyor Series – Carrier Roller Double Pitch – 2082/C2082

| No. Teeth | Catalog Number | Outside Diameter | Pitch Dia. | Type | Bore (inches)<br>Stock | Rec. Max. | Hub (inches)<br>Dia. | Length Thru | Weight Lbs. (App.) | Type | Catalog Number | Stock Bore | Wt. Lbs. (App.) |
|-----------|----------------|------------------|------------|------|------------------------|-----------|----------------------|-------------|--------------------|------|----------------|------------|-----------------|
| 8         | 2082B8         | 6.030            | 5.226      | B    | 1                      | 2-17/32   | 3-51/64              | 1-3/4       | 6.4                |      |                |            |                 |
| 9         | 2082B9         | 6.700            | 5.848      | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 8.2                |      |                |            |                 |
| 10        | 2082B10        | 7.360            | 6.472      | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 9.2                |      |                |            |                 |
| 11        | 2082B11        | 8.010            | 7.099      | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 10.1               | A    | 2082A11        | 15/16      | 5.7             |
| 12        | 2082B12        | 8.660            | 7.727      | B    | 1                      | 2-3/4     | 4-1/4                | 1-3/4       | 11.2               | A    | 2082A12        | 15/16      | 6.8             |
| 13        | 2082B13        | 9.310            | 8.357      | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 15.0               | A    | 2082A13        | 1-3/16     | 7.7             |
| 14        | 2082B14        | 9.960            | 8.988      | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 15.8               | A    | 2082A14        | 1-3/16     | 9.1             |
| 15        | 2082B15        | 10.610           | 9.620      | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 17.8               | A    | 2082A15        | 1-3/16     | 10.7            |
| 16        | 2082B16        | 11.250           | 10.252     | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 19.3               | A    | 2082A16        | 1-3/16     | 12.4            |
| 17        | 2082B17        | 11.900           | 10.885     | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 21.4               | A    | 2082A17        | 1-3/16     | 14.1            |
| 18        | 2082B18        | 12.540           | 11.518     | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 22.9               | A    | 2082A18        | 1-3/16     | 15.4            |
| 19        | 2082B19        | 13.190           | 12.151     | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 24.4               | A    | 2082A19        | 1-3/16     | 18.0            |
| 20        | 2082B20        | 13.830           | 12.785     | B    | 1-3/16                 | 3-1/4     | 4-3/4                | 2           | 26.7               | A    | 2082A20        | 1-3/16     | 19.2            |
| 21        | 2082B21        | 14.470           | 13.419     | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 28.4               | A    | 2082A21        | 1-1/4      | 20.8            |
| 22        | 2082B22        | 15.110           | 14.053     | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 39.6               | A    | 2082A22        | 1-1/4      | 23.7            |
| 23        | 2082B23        | 15.750           | 14.688     | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 32.2               | A    | 2082A23        | 1-1/4      | 24.9            |
| 24        | 2082B24        | 16.390           | 15.323     | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 34.9               | A    | 2082A24        | 1-1/4      | 27.6            |
| 25        | 2082B25        | 17.030           | 15.958     | B    | 1-1/4                  | 3-1/4     | 4-3/4                | 2           | 37.8               | A    | 2082A25        | 1-1/4      | 30.2            |
| 26        | 2082B26        | 17.670           | 16.593     | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 41.5               | A    | 2082A26        | 1-1/4      | 32.8            |
| 28        | 2082B28        | 18.950           | 17.863     | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 47.7               | A    | 2082A28        | 1-1/4      | 38.6            |
| 30        | 2082B30        | 20.230           | 19.134     | B    | 1-1/4                  | 3-1/2     | 5-1/4                | 2           | 54.5               | A    | 2082A30        | 1-1/4      | 43.8            |

## STANDARD KEYWAYS AND SET SCREWS

| Diameter<br>Of Shaft | Keyway<br>Width x Depth | Setscrew | Diameter<br>Of Shaft | Keyway<br>Width x Depth | Setscrew |
|----------------------|-------------------------|----------|----------------------|-------------------------|----------|
| 1/2 – 9/16           | 1/8 x 1/16              | 10-24    | 2-5/15 – 2-3/4       | 5/8 x 5/16              | 5/8      |
| 5/8 – 7/8            | 3/16 x 3/32             | 1/4      | 2-13/16 – 3-1/4      | 3/4 x 3/8               | 5/8      |
| 15/16 – 1-1/4        | 1/4 x 1/8               | 5/16     | 3-5/16 – 3-3/4       | 7/8 x 7/16              | 3/4      |
| 1-5/16 – 1-3/8       | 5/16 x 5/32             | 5/16     | 3-13/16 – 4-1/2      | 1 x 1/2                 | 3/4      |
| 1-7/16 – 1-3/4       | 3/8 x 3/16              | 3/8      | 4-9/16 – 5-1/2       | 1-1/4 x 5/8             | 3/4      |
| 1-13/16 – 2-1/4      | 1/2 x 1/4               | 1/2*     | 5-9/16 – 6-1/2       | 1-1/2 x 3/4             | 3/4      |

## STANDARD BORE TOLERANCES

|               |            |
|---------------|------------|
| 1" and less   | +.001-.000 |
| 1-1/16" to 2" | +.002-.000 |
| 2-1/16" to 3" | +.003-.000 |
| 3-1/16 " & up | +.004-.00  |

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