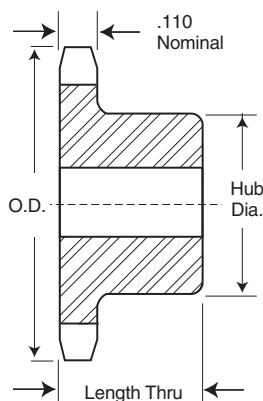


# No. 25 1/4" Pitch

## All Steel Stock Sprockets

*Martin*



TYPE B

### Alteration Charges

See current discount sheet for alteration charges.

SPROCKETS

## Single-Type B

## Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Diameter     | 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 1/32       | 1/2         | .19                   | A    | 25A19          | 1/4        | .04                   |
| 20        | 25B20          | 1.729            | B    | 1/4           | 7/8       | 1 1/32       | 5/8         | .25                   | A    | 25A20          | 1/4        | .04                   |
| 21        | 25B21          | 1.809            | B    | 1/4           | 7/8       | 1 1/8        | 5/8         | .28                   | A    | 25A21          | 3/8        | .04                   |
| 22        | 25B22          | 1.889            | B    | 1/4           | 15/16     | 1 1/8        | 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        | 25B35          | 2.928            | B    | 3/8           | 1         | 1 1/2        | 3/4         | .50                   | A    | 25A35          | 3/8        | .16                   |
| 36        | 25B36          | 3.008            | B    | 3/8           | 1         | 1 1/2        | 3/4         | .53                   | A    | 25A36          | 3/8        | .18                   |
| 40        | 25B40          | 3.327            | B    | 1/2           | 1 1/8     | 2            | 3/4         | .53                   | A    | 25A40          | 1/2        | .20                   |
| 42        | 25B42          | 3.486            | B    | 1/2           | 1 1/8     | 2            | 3/4         | .56                   | A    | 25A42          | 1/2        | .24                   |
| 45        | 25B45          | 3.725            | B    | 1/2           | 1 1/8     | 2            | 3/4         | .56                   | A    | 25A45          | 1/2        | .25                   |
| 48        | 25B48          | 3.964            | B    | 1/2           | 1 1/8     | 2            | 3/4         | .56                   | A    | 25A48          | 1/2        | .32                   |
| 54        | 25B54          | 4.442            | B    | 1/2           | 1 1/8     | 2            | 3/4         | 1.00                  | A    | 25A54          | 1/2        | .38                   |
| 60        | 25B60          | 4.920            | B    | 1/2           | 1 1/8     | 2            | 3/4         | 1.10                  | A    | 25A60          | 1/2        | .54                   |
| 70        | 25B70          | 5.717            | B    | 1/2           | 1 1/8     | 2            | 3/4         | 1.25                  |      |                |            |                       |
| 72        | 25B72          | 5.876            | B    | 1/2           | 1 1/8     | 2            | 3/4         | 1.30                  | A    | 25A72          | 1/2        | .74                   |

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

# Martin

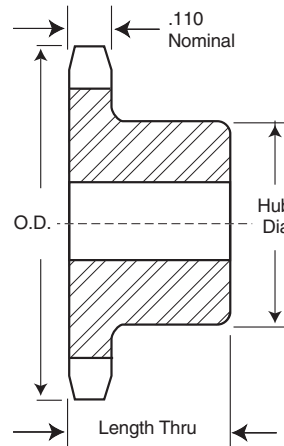
## Stainless Steel Stock Sprockets

# No. 25

## 1/4" Pitch

### Alteration Charges

See current discount sheet for alteration charges.



TYPE B



STAINLESS STEEL

SPROCKETS

### Single-Type B — Stainless

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |
| 9         | 25B9SS         | .837             | B    | 1/4           | 1/4       | 3/16         | 1/2         | .03                   |
| 10        | 25B10SS        | .919             | B    | 1/4           | 1/4       | 1/2          | 1/2         | .03                   |
| 11        | 25B11SS        | 1.001            | B    | 1/4           | 5/16      | 5/8          | 1/2         | .03                   |
| 12        | 25B12SS        | 1.083            | B    | 1/4           | 3/8       | 5/8          | 1/2         | .06                   |
| 13        | 25B13SS        | 1.164            | B    | 1/4           | 7/16      | 23/32        | 1/2         | .07                   |
| 14        | 25B14SS        | 1.245            | B    | 1/4           | 9/16      | 13/16        | 1/2         | .08                   |
| 15        | 25B15SS        | 1.326            | B    | 1/4           | 9/16      | 57/64        | 1/2         | .10                   |
| 16        | 25B16SS        | 1.407            | B    | 1/4           | 9/16      | 31/32        | 1/2         | .12                   |
| 17        | 25B17SS        | 1.487            | B    | 1/4           | 5/8       | 1 1/32       | 1/2         | .14                   |
| 18        | 25B18SS        | 1.568            | B    | 1/4           | 3/4       | 1 1/8        | 1/2         | .16                   |
| 19        | 25B19SS        | 1.648            | B    | 1/4           | 13/16     | 1 1/32       | 1/2         | .19                   |
| 20        | 25B20SS        | 1.728            | B    | 1/4           | 7/8       | 1 9/32       | 5/8         | .25                   |
| 21        | 25B21SS        | 1.809            | B    | 1/4           | 7/8       | 1 3/8        | 5/8         | .28                   |
| 22        | 25B22SS        | 1.889            | B    | 1/4           | 15/16     | 1 7/16       | 5/8         | .31                   |
| 23        | 25B23SS        | 1.969            | B    | 1/4           | 1         | 1 1/2        | 5/8         | .32                   |
| 24        | 25B24SS        | 2.049            | B    | 3/8           | 1         | 1 1/2        | 5/8         | .33                   |
| 25        | 25B25SS        | 2.129            | B    | 3/8           | 1         | 1 1/2        | 5/8         | .34                   |
| 26        | 25B26SS        | 2.209            | B    | 3/8           | 1         | 1 1/2        | 5/8         | .35                   |
| 28        | 25B28SS        | 2.369            | B    | 3/8           | 1         | 1 1/2        | 5/8         | .36                   |
| 30        | 25B30SS        | 2.529            | B    | 3/8           | 1         | 1 1/2        | 5/8         | .38                   |
| 36        | 25B36SS        | 3.008            | B    | 3/8           | 1         | 1 1/2        | 3/4         | .50                   |
| 40        | 25B40SS        | 3.327            | B    | 1/2           | 1 3/8     | 2            | 3/4         | .53                   |
| 45        | 25B45SS        | 3.725            | B    | 1/2           | 1 3/8     | 2            | 3/4         | .56                   |
| 60        | 25B60SS        | 4.920            | B    | 1/2           | 1 3/8     | 2            | 3/4         | 1.10                  |

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

Sprockets altered at factory (rebored with key way and setscrew added) will be supplied with stainless setscrew.

# No. 35

## 3/8" Pitch

# All Steel Stock Sprockets

# Martin

### Single-Type "BS" — 2 Setscrews — Bored-To-Size

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (Approx.) | Stock Finished Bores Includes Keyway and 2 Setscrews |
|-----------|----------------|------------------|------------------|-----------------------|------------------------------------------------------|
| 9         | 35BS9          | 1.260            | 3/4              | .10                   | *3/8 — 1/2 — † 3/8                                   |
| 10        | 35BS10         | 1.380            | 3/4              | .11                   | *3/8 — 1/2 — † 3/8 — 1/2                             |
| 11        | 35BS11         | 1.500            | 3/4              | .15                   | *3/8 — 1/2 — † 3/8 — 1/2                             |
| 12        | 35BS12         | 1.630            | 3/4              | .18                   | — 1/2 — 3/8 — † 3/8                                  |
| 13        | 35BS13         | 1.750            | 3/4              | .20                   | — 1/2 — 3/8 — 1/2                                    |
| 14        | 35BS14         | 1.870            | 3/4              | .22                   | — 1/2 — 3/8 — 1/2                                    |
| 15        | 35BS15         | 1.990            | 3/4              | .24                   | — 1/2 — 3/8 — 1/2 — 1/2 — 1                          |
| 16        | 35BS16         | 2.110            | 3/4              | .29                   | — 1/2 — 3/8 — 1/2 — 1/2 — 1                          |
| 17        | 35BS17         | 2.230            | 3/4              | .36                   | — 1/2 — 3/8 — 1/2 — 1/2 — 1                          |
| 18        | 35BS18         | 2.350            | 3/4              | .39                   | — 1/2 — 3/8 — 1/2 — 1/2 — 1                          |
| 19        | 35BS19         | 2.470            | 3/4              | .44                   | — 1/2 — 3/8 — 1/2 — 1/2 — 1                          |
| 20        | 35BS20         | 2.590            | 3/4              | .51                   | — 1/2 — 3/8 — 1/2 — 1/2 — 1                          |
| 21        | 35BS21         | 2.710            | 7/8              | .75                   | — 1/2 — 3/8 — 1/2 — 1/2 — 1                          |
| 22        | 35BS22         | 2.830            | 7/8              | .78                   | — 1/2 — 3/8 — 1/2 — 1/2 — 1                          |
| 23        | 35BS23         | 2.950            | 7/8              | .78                   | — 1/2 — 3/8 — 1/2 — 1/2 — 1                          |
| 24        | 35BS24         | 3.070            | 7/8              | .79                   | — 1/2 — 3/8 — 1/2 — 1/2 — 1                          |
| 25        | 35BS25         | 3.190            | 7/8              | .80                   | — 1/2 — 3/8 — 1/2 — 1/2 — 1                          |
| 26        | 35BS26         | 3.310            | 7/8              | .84                   | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 27        | 35BS27         | 3.430            | 7/8              | .88                   | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 28        | 35BS28         | 3.550            | 7/8              | .86                   | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 30        | 35BS30         | 3.790            | 7/8              | .96                   | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 32        | 35BS32         | 4.030            | 7/8              | 1.14                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 35        | 35BS35         | 4.390            | 1                | 1.38                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 36        | 35BS36         | 4.510            | 1                | 1.41                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 40        | 35BS40         | 4.990            | 1                | 1.56                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 42        | 35BS42         | 5.230            | 1                | 1.64                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 45        | 35BS45         | 5.590            | 1                | 1.74                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 48        | 35BS48         | 5.950            | 1                | 1.86                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 54        | 35BS54         | 6.660            | 1                | 1.98                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 60        | 35BS60         | 7.380            | 1                | 2.34                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 70        | 35BS70         | 8.580            | 1                | 3.14                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 72        | 35BS72         | 8.810            | 1                | 3.30                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 80        | 35BS80         | 9.770            | 1                | 3.94                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 84        | 35BS84         | 10.250           | 1                | 4.26                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 96        | 35BS96         | 11.680           | 1                | 5.22                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |
| 112       | 35BS112        | 13.590           | 1                | 6.50                  | — 3/8 — 1/2 — 1/2 — 1 — 1 1/2 — 1 1/2 — 1 1/2        |

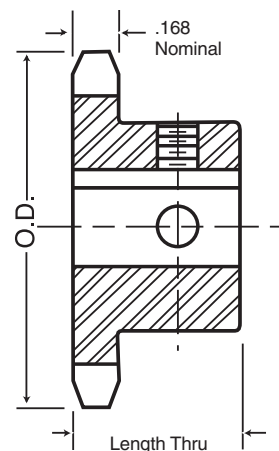
\*Indicates no keyway.

2 1/4" setscrews only in 1/2" & 3/8" bore.

† Keyway with Setscrew at 90°.

Hub diameters vary to suit different bore sizes.

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.



TYPE BS

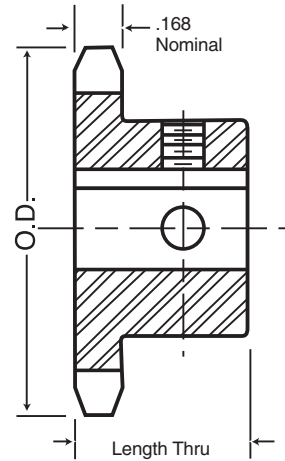


BORED-TO-SIZE

# Martin

## All Steel Stock Sprockets

## No. 35 3/8" Pitch



TYPE BS



BORED-TO-SIZE

SPROCKETS



### No. 35-Hardened Teeth — 2 Setscrews — Bored-To-Size

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

★Indicates no keyway.

(2) 1/4" setscrews only in 1/2" & 3/8" bore at 90°.

†Setscrews at 90° and 180° to key.

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

*Martin* stock hardened teeth sprockets afford longer chain and sprocket life. Hardened teeth on the smaller sprocket of a roller chain drive are recommended if the drive ratio is four to one or greater or if the smaller sprocket has 24 teeth or less and is running at a speed of over 600 R.P.M.

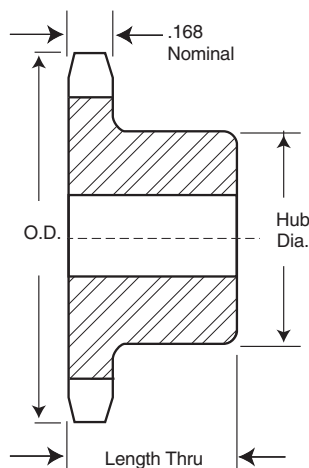
No. 35  
3/8" Pitch

# Stainless Steel Stock Sprockets

*Martin*



STAINLESS STEEL



TYPE B

## Alteration Charges

See current discount sheet for alteration charges.

SPROCKETS

## Single-Type B — Stainless

## Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |      |                |            |                       |
| 9         | 35B9SS         | 1.260            | B    | 3/8           | 3/8       | 27/32★       | 3/4         | .10                   |      |                |            |                       |
| 10        | 35B10SS        | 1.380            | B    | 3/8           | 3/8       | 29/32★       | 3/4         | .15                   |      |                |            |                       |
| 11        | 35B11SS        | 1.500            | B    | 3/8           | 3/8       | 1 1/16★      | 3/4         | .20                   |      |                |            |                       |
| 12        | 35B12SS        | 1.630            | B    | 1/2           | 3/8       | 1 1/32★      | 3/4         | .22                   |      |                |            |                       |
| 13        | 35B13SS        | 1.750            | B    | 1/2           | 3/4       | 1 1/4★       | 3/4         | .25                   |      |                |            |                       |
| 14        | 35B14SS        | 1.870            | B    | 1/2           | 7/8       | 1 1/4        | 3/4         | .26                   |      |                |            |                       |
| 15        | 35B15SS        | 1.990            | B    | 1/2           | 7/8       | 1 1/32       | 3/4         | .30                   |      |                |            |                       |
| 16        | 35B16SS        | 2.110            | B    | 1/2           | 1 1/16    | 1 15/32      | 3/4         | .40                   |      |                |            |                       |
| 17        | 35B17SS        | 2.230            | B    | 1/2           | 1 1/8     | 1 9/32       | 3/4         | .43                   |      |                |            |                       |
| 18        | 35B18SS        | 2.350            | B    | 1/2           | 1 3/16    | 1 23/32      | 3/4         | .50                   |      |                |            |                       |
| 19        | 35B19SS        | 2.470            | B    | 1/2           | 1 1/4     | 1 7/32       | 3/4         | .56                   |      |                |            |                       |
| 20        | 35B20SS        | 2.590            | B    | 1/2           | 1 3/8     | 1 15/16      | 3/4         | .68                   |      |                |            |                       |
| 21        | 35B21SS        | 2.710            | B    | 1/2           | 1 1/2     | 2            | 7/8         | .80                   |      |                |            |                       |
| 22        | 35B22SS        | 2.830            | B    | 1/2           | 1 1/2     | 2            | 7/8         | .82                   |      |                |            |                       |
| 23        | 35B23SS        | 2.950            | B    | 1/2           | 1 1/2     | 2            | 7/8         | .87                   |      |                |            |                       |
| 24        | 35B24SS        | 3.070            | B    | 1/2           | 1 1/2     | 2            | 7/8         | .89                   |      |                |            |                       |
| 25        | 35B25SS        | 3.190            | B    | 1/2           | 1 1/2     | 2            | 7/8         | .91                   |      |                |            |                       |
| 26        | 35B26SS        | 3.310            | B    | 1/2           | 1 1/2     | 2            | 7/8         | .93                   |      |                |            |                       |
| 28        | 35B28SS        | 3.550            | B    | 1/2           | 1 1/2     | 2            | 7/8         | 1.00                  |      |                |            |                       |
| 30        | 35B30SS        | 3.790            | B    | 1/2           | 1 1/2     | 2            | 7/8         | 1.06                  |      |                |            |                       |
| 35        | 35B35SS        | 4.390            | B    | 3/4           | 1 1/2     | 2 1/4        | 1           | 1.56                  |      |                |            |                       |
| 40        | 35B40SS        | 4.990            | B    | 3/4           | 1 1/2     | 2 1/4        | 1           | 1.70                  | A    | 35A40SS        | 1 1/32     | 1.04                  |
| 45        | 35B45SS        | 5.590            | B    | 3/4           | 1 1/2     | 2 1/4        | 1           | 2.18                  | A    | 35A45SS        | 1 1/32     | 1.26                  |
| 60        | 35B60SS        | 7.380            | B    | 3/4           | 1 1/2     | 2 1/4        | 1           | 3.00                  | A    | 35A60SS        | 2 3/32     | 2.10                  |

★ Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

Sprockets altered at factory (rebored with keyway and setscrew added) will be supplied with stainless setscrew.

# Martin

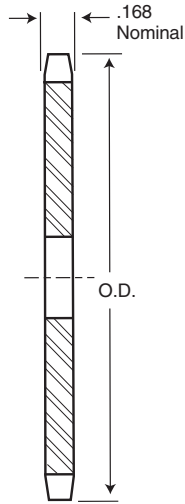
## All Steel Stock Sprockets

# No. 35

## $\frac{3}{8}$ " Pitch

### Alteration Charges

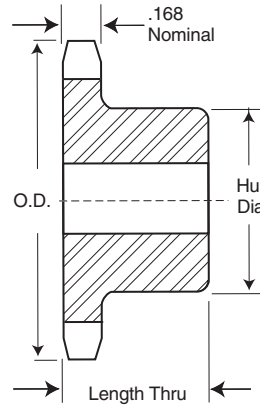
See current discount sheet for alteration charges.



TYPE A



TYPE A



TYPE B



TYPE B

### Single-Type B — Steel

### Single-Type A

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

★ Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

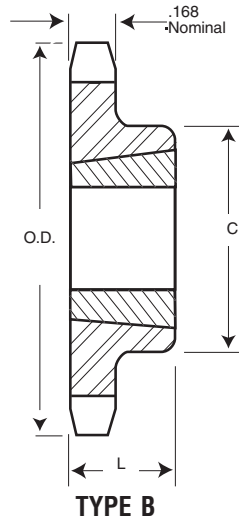
SPROCKETS

No. 35  
3/8" Pitch

All Steel  
Stock Sprockets

*Martin*

## Single-Taper Bushed



## Single-Taper Bushed

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

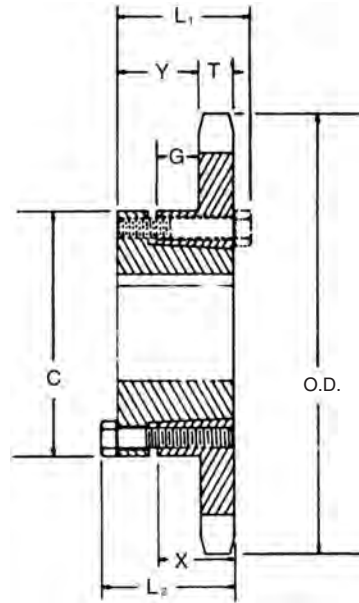
\* Has recessed groove in hub for chain clearance.



# Martin

## All Steel Stock Sprockets

## No. 35 3/8" Pitch



“QD” — TYPE B

### Single-Type QD

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions     |                |    |                 |                  |                  |      | Weight (Approx.) |          |
|-----------|----------------|---------|------------------|----------------|------|-----------|----------------|----------------|----|-----------------|------------------|------------------|------|------------------|----------|
|           |                |         | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C  | Y               | G                | X                | T    | With Hub         | Rim Only |
| 19        | 35JA19         | JA      | 2.470            | 2.278          | B    | 1¼        | 1⅝             | 1⅝             | 2⅞ | ⅝ <sub>64</sub> | 2⅝ <sub>64</sub> | ⅝                | .168 | 1.18             | .28      |
| 20        | 35JA20         | JA      | 2.590            | 2.397          | B    | 1¼        | 1⅝             | 1⅝             | 2⅞ | ⅝ <sub>64</sub> | 2⅝ <sub>64</sub> | ⅝                | .168 | 1.22             | .32      |
| 21        | 35JA21         | JA      | 2.710            | 2.516          | B    | 1¼        | 1⅝             | 1⅝             | 2⅞ | ⅝ <sub>64</sub> | 2⅝ <sub>64</sub> | ⅝                | .168 | 1.24             | .34      |
| 22        | 35JA22         | JA      | 2.830            | 2.635          | B    | 1¼        | 1⅝             | 1⅝             | 2⅞ | ⅝ <sub>64</sub> | 2⅝ <sub>64</sub> | ⅝                | .168 | 1.26             | .36      |
| 23        | 35JA23         | JA      | 2.950            | 2.754          | B    | 1¼        | 1⅝             | 1⅝             | 2⅞ | ⅝ <sub>64</sub> | 2⅝ <sub>64</sub> | ⅝                | .168 | 1.28             | .38      |
| 24        | 35JA24         | JA      | 3.070            | 3.873          | B    | 1¼        | 1⅝             | 1⅝             | 2⅞ | ⅝ <sub>64</sub> | 2⅝ <sub>64</sub> | ⅝                | .168 | 1.30             | .40      |
| 25        | 35JA25         | JA      | 3.190            | 2.992          | B    | 1¼        | 1⅝             | 1⅝             | 2⅞ | ⅝ <sub>64</sub> | 2⅝ <sub>64</sub> | ⅝                | .168 | 1.34             | .44      |
| 26        | 35JA26         | JA      | 3.310            | 3.111          | B    | 1¼        | 1⅝             | 1⅝             | 2⅞ | ⅝ <sub>64</sub> | 2⅝ <sub>64</sub> | ⅝                | .168 | 1.36             | .46      |
| 27        | 35JA27         | JA      | 3.430            | 3.230          | B    | 1¼        | 1⅝             | 1⅝             | 2⅞ | ⅝ <sub>64</sub> | 2⅝ <sub>64</sub> | ⅝                | .168 | 1.38             | .48      |
| 28        | 35JA28         | JA      | 3.550            | 3.349          | B    | 1¼        | 1⅝             | 1⅝             | 2⅞ | ⅝ <sub>64</sub> | 2⅝ <sub>64</sub> | ⅝                | .168 | 1.42             | .52      |
| 30        | 35JA30         | JA      | 3.790            | 3.588          | B    | 1¼        | 1⅝             | 1⅝             | 2⅞ | ⅝ <sub>64</sub> | 2⅝ <sub>64</sub> | ⅝                | .168 | 1.46             | .56      |
| 32        | 35JA32         | JA      | 4.030            | 3.826          | B    | 1¼        | 1⅝             | 1⅝             | 2⅞ | ⅝ <sub>64</sub> | 2⅝ <sub>64</sub> | ⅝                | .168 | 1.68             | .78      |
| 35        | 35JA35         | JA      | 4.390            | 4.183          | B    | 1¼        | 1⅝             | 1⅝             | 2⅞ | ⅝ <sub>64</sub> | 2⅝ <sub>64</sub> | ⅝                | .168 | 1.94             | 1.04     |
| 36        | 35SH36         | SH      | 4.510            | 4.303          | B    | 1⅝        | 1⅞             | 1⅞             | 2⅞ | 1⅝ <sub>4</sub> | 4⅞ <sub>64</sub> | 1⅜ <sub>16</sub> | .168 | 2.06             | 1.06     |
| 40        | 35SH40         | SH      | 4.990            | 4.780          | B    | 1⅝        | 1⅞             | 1⅞             | 2⅞ | 1⅝ <sub>4</sub> | 4⅞ <sub>64</sub> | 1⅜ <sub>16</sub> | .168 | 2.18             | 1.18     |
| 42        | 35SH42         | SH      | 5.230            | 5.018          | B    | 1⅝        | 1⅞             | 1⅞             | 2⅞ | 1⅝ <sub>4</sub> | 4⅞ <sub>64</sub> | 1⅜ <sub>16</sub> | .168 | 2.26             | 1.26     |
| 45        | 35SH45         | SH      | 5.590            | 5.376          | B    | 1⅝        | 1⅞             | 1⅞             | 2⅞ | 1⅝ <sub>4</sub> | 4⅞ <sub>64</sub> | 1⅜ <sub>16</sub> | .168 | 2.40             | 1.40     |
| 48        | 35SH48         | SH      | 5.950            | 5.734          | B    | 1⅝        | 1⅞             | 1⅞             | 2⅞ | 1⅝ <sub>4</sub> | 4⅞ <sub>64</sub> | 1⅜ <sub>16</sub> | .168 | 2.58             | 1.58     |
| 54        | 35SH54         | SH      | 6.660            | 6.449          | B    | 1⅝        | 1⅞             | 1⅞             | 2⅞ | 1⅝ <sub>4</sub> | 4⅞ <sub>64</sub> | 1⅜ <sub>16</sub> | .168 | 2.88             | 1.88     |
| 60        | 35SH60         | SH      | 7.380            | 7.165          | B    | 1⅝        | 1⅞             | 1⅞             | 2⅞ | 1⅝ <sub>4</sub> | 4⅞ <sub>64</sub> | 1⅜ <sub>16</sub> | .168 | 3.28             | 2.28     |
| 70        | 35SH70         | SH      | 8.580            | 8.358          | B    | 1⅝        | 1⅞             | 1⅞             | 2⅞ | 1⅝ <sub>4</sub> | 4⅞ <sub>64</sub> | 1⅜ <sub>16</sub> | .168 | 3.94             | 2.94     |
| 72        | 35SH72         | SH      | 8.810            | 8.597          | B    | 1⅝        | 1⅞             | 1⅞             | 2⅞ | 1⅝ <sub>4</sub> | 4⅞ <sub>64</sub> | 1⅜ <sub>16</sub> | .168 | 4.14             | 3.14     |
| 80        | 35SH80         | SH      | 9.770            | 9.552          | B    | 1⅝        | 1⅞             | 1⅞             | 2⅞ | 1⅝ <sub>4</sub> | 4⅞ <sub>64</sub> | 1⅜ <sub>16</sub> | .168 | 4.68             | 3.68     |
| 84        | 35SH84         | SH      | 10.250           | 10.029         | B    | 1⅝        | 1⅞             | 1⅞             | 2⅞ | 1⅝ <sub>4</sub> | 4⅞ <sub>64</sub> | 1⅜ <sub>16</sub> | .168 | 4.86             | 3.96     |
| 96        | 35SH96         | SH      | 11.680           | 11.461         | B    | 1⅝        | 1⅞             | 1⅞             | 2⅞ | 1⅝ <sub>4</sub> | 4⅞ <sub>64</sub> | 1⅜ <sub>16</sub> | .168 | 6.38             | 5.38     |
| 112       | 35SH112        | SH      | 13.590           | 13.371         | B    | 1⅝        | 1⅞             | 1⅞             | 2⅞ | 1⅝ <sub>4</sub> | 4⅞ <sub>64</sub> | 1⅜ <sub>16</sub> | .168 | 7.60             | 6.60     |

SPROCKETS

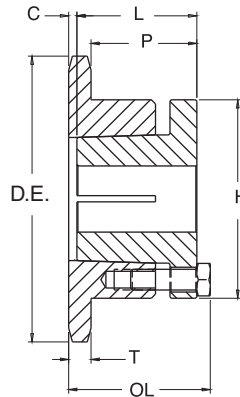


# No. 35

## 3/8" Pitch

**MST®**  
**Sprockets**

*Martin*

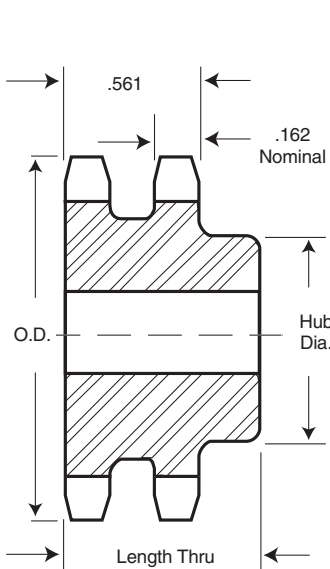


**TIPO 3**

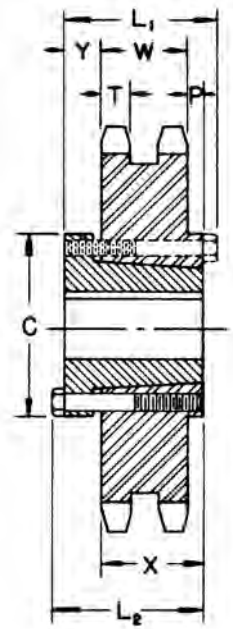
SPROCKETS

### Single - MST® Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |       |      |       |        |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|-------|------|-------|--------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L     | C    | H     | P      | T(nom) | With Hub         | Rim Only |
| 19        | 35H19          | H        | 2.470        | 2.278      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 1.3              | .5       |
| 20        | 35H20          | H        | 2.590        | 2.397      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 1.3              | .5       |
| 21        | 35H21          | H        | 2.710        | 2.516      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 1.4              | .6       |
| 22        | 35H22          | H        | 2.830        | 2.635      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 1.5              | .7       |
| 23        | 35H23          | H        | 2.950        | 2.754      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 1.5              | .7       |
| 24        | 35H24          | H        | 3.070        | 2.873      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 1.6              | .8       |
| 25        | 35H25          | H        | 3.190        | 2.992      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 1.6              | .8       |
| 26        | 35H26          | H        | 3.310        | 3.111      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 1.6              | .8       |
| 28        | 35H28          | H        | 3.550        | 3.349      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 1.7              | .9       |
| 30        | 35H30          | H        | 3.790        | 3.588      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 1.7              | .9       |
| 32        | 35H32          | H        | 4.030        | 3.826      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 1.7              | .9       |
| 35        | 35H35          | H        | 4.390        | 4.183      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 1.8              | 1.0      |
| 36        | 35H36          | H        | 4.510        | 4.303      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 1.8              | 1.0      |
| 40        | 35H40          | H        | 4.990        | 4.780      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 2.0              | 1.2      |
| 42        | 35H42          | H        | 5.230        | 5.018      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 2.0              | 1.2      |
| 45        | 35H45          | H        | 5.590        | 5.376      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 2.2              | 1.4      |
| 48        | 35H48          | H        | 5.950        | 5.734      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 2.3              | 1.5      |
| 54        | 35H54          | H        | 6.660        | 6.449      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 2.6              | 1.8      |
| 60        | 35H60          | H        | 7.380        | 7.165      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 3.1              | 2.3      |
| 70        | 35H70          | H        | 8.580        | 8.358      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 3.6              | 2.8      |
| 72        | 35H72          | H        | 8.810        | 8.597      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 3.8              | 3.0      |
| 80        | 35H80          | H        | 9.770        | 9.552      | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 4.6              | 3.8      |
| 84        | 35H84          | H        | 10.250       | 10.029     | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 4.8              | 4.0      |
| 96        | 35H96          | H        | 11.680       | 11.461     | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 6.1              | 5.3      |
| 112       | 35H112         | H        | 13.590       | 13.371     | 3    | 1-1/2     | 1-1/2      | 1-1/4 | 1/16 | 2-1/2 | 1-5/32 | .168   | 7.6              | 6.8      |



TYPE B



"QD" — TYPE C

### Double-Type B

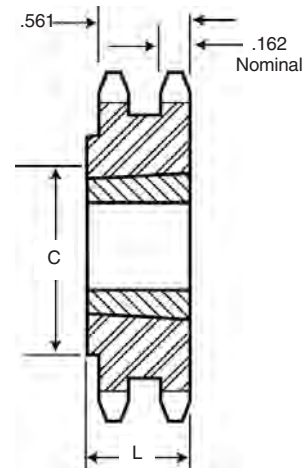
| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 12        | D35B12H        | 1.630            | B    | 1/2           | 5/16      | 3/4          | 1 1/4       | .32                   |
| 13        | D35B13H        | 1.750            | B    | 1/2           | 1/4       | 1 1/4        | 1 1/4       | .36                   |
| 14        | D35B14H        | 1.870            | B    | 1/2           | 3/8       | 1 1/4        | 1 1/4       | .44                   |
| 15        | D35B15H        | 1.990            | B    | 1/2           | 1/2       | 1 1/2        | 1 1/4       | .56                   |
| 16        | D35B16H        | 2.110            | B    | 1/2           | 5/8       | 1 1/2        | 1 1/4       | .64                   |
| 17        | D35B17H        | 2.230            | B    | 1/2           | 1 1/8     | 1 1/2        | 1 1/4       | .74                   |
| 18        | D35B18H        | 2.350            | B    | 1/2           | 1 1/8     | 1 1/2        | 1 1/4       | .84                   |
| 19        | D35B19H        | 2.470            | B    | 1/2           | 1 1/8     | 1 1/2        | 1 1/4       | .96                   |
| 20        | D35B20H        | 2.590            | B    | 1/2           | 1 1/8     | 1 1/2        | 1 1/4       | 1.08                  |
| 21        | D35B21H        | 2.710            | B    | 3/4           | 1 1/8     | 2 1/8        | 1 1/4       | 1.24                  |
| 22        | D35B22H        | 2.830            | B    | 3/4           | 1 1/8     | 2 1/8        | 1 1/4       | 1.42                  |
| 23        | D35B23H        | 2.950            | B    | 3/4           | 1 1/8     | 2 1/4        | 1 1/4       | 1.54                  |
| 24        | D35B24H        | 3.070            | B    | 3/4           | 1 1/2     | 2 1/4        | 1 1/4       | 1.62                  |
| 25        | D35B25H        | 3.190            | B    | 3/4           | 1 1/2     | 2 1/4        | 1 1/4       | 1.66                  |
| 26        | D35B26         | 3.310            | B    | 3/4           | 1 1/2     | 2 1/4        | 1 1/4       | 1.98                  |
| 30        | D35B30         | 3.790            | B    | 3/4           | 1 1/2     | 2 1/4        | 1 1/4       | 2.34                  |
| 36        | D35B36         | 4.510            | B    | 3/4           | 1 1/2     | 2 1/4        | 1 1/4       | 3.00                  |
| 42        | D35B42         | 5.230            | B    | 3/4           | 1 1/2     | 2 1/4        | 1 1/4       | 3.80                  |
| 48        | D35B48         | 5.950            | B    | 3/4           | 1 1/2     | 2 1/4        | 1 1/4       | 4.66                  |
| 52        | D35B52         | 6.430            | B    | 3/4           | 1 1/2     | 2 1/4        | 1 1/4       | 5.40                  |
| 60        | D35B60         | 7.380            | B    | 3/4           | 1 1/2     | 2 1/4        | 1 1/4       | 6.84                  |
| 68        | D35B68         | 8.340            | B    | 3/4           | 2 3/8     | 3 1/8        | 1 1/2       | 10.01                 |
| 72        | D35B72         | 8.810            | B    | 3/4           | 2 3/8     | 3 1/8        | 1 1/2       | 11.04                 |
| 76        | D35B76         | 9.290            | B    | 3/4           | 2 3/8     | 3 1/8        | 1 1/2       | 11.94                 |
| 84        | D35B84         | 10.250           | B    | 3/4           | 2 3/8     | 3 1/8        | 1 1/2       | 14.98                 |
| 95        | D35B95         | 11.560           | B    | 1             | 2 3/8     | 3 1/8        | 1 1/2       | 17.42                 |
| 96        | D35B96         | 11.680           | B    | 1             | 2 3/8     | 3 1/8        | 1 1/2       | 18.14                 |
| 102       | D35B102        | 12.400           | B    | 1             | 2 3/8     | 3 1/8        | 1 1/2       | 19.92                 |

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat. Sprockets with "H" suffix have hardened teeth.

### Double-Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |        | Type | Weight (Approx.) |              |
|-----------|----------------|---------|------------------|----------------|-----------|------------|--------|------|------------------|--------------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C      |      | Rim Only         | Bushing Only |
| 19        | D35BTB19H      | 1008    | 2.472            | 2.278          | 1         | 7/8        | 1 3/16 | B    | .6               | .3           |
| 20        | D35BTB20H      | 1008    | 2.593            | 2.397          | 1         | 7/8        | 1 1/8  | B    | .8               | .3           |
| 21        | D35BTB21H      | 1008    | 2.713            | 2.516          | 1         | 7/8        | 2 1/16 | B    | 1.4              | .3           |
| 22        | D35BTB22H      | 1008    | 2.833            | 2.635          | 1         | 7/8        | 2 3/16 | B    | 1.7              | .3           |
| 24        | D35BTB24H      | 1210    | 3.074            | 2.873          | 1 1/4     | 1          | 2 1/16 | B    | 1.8              | .6           |
| 26        | D35BTB26       | 1210    | 3.314            | 3.111          | 1 1/4     | 1          | 2 3/8  | B    | 2.0              | .6           |
| 30        | D35BTB30       | 1610    | 3.793            | 3.588          | 1 1/2     | 1          | 3 3/8  | B    | 1.8              | .9           |
| 32        | D35BTB32       | 1610    | 4.032            | 3.826          | 1 1/2     | 1          | 3 1/4  | B    | 2.0              | .9           |
| 35        | D35BTB35       | 1610    | 4.392            | 4.183          | 1 1/2     | 1          | 3 3/4  | B    | 2.3              | .9           |
| 40        | D35BTB40       | 1610    | 4.990            | 4.780          | 1 1/2     | 1          | 3 3/4  | B    | 2.9              | .9           |
| 45        | D35BTB45       | 1610    | 5.588            | 5.376          | 1 1/2     | 1          | 3 3/4  | B    | 3.2              | .9           |
| 48        | D35BTB48       | 1610    | 5.946            | 5.734          | 1 1/2     | 1          | 3 3/4  | B    | 3.5              | .9           |
| 54        | D35BTB54       | 1610    | 6.663            | 6.449          | 1 1/2     | 1          | 3 3/4  | B    | 3.9              | .9           |
| 60        | D35BTB60       | 1610    | 7.380            | 7.165          | 1 1/2     | 1          | 3 3/4  | B    | 4.9              | .9           |
| 70        | D35BTB70       | 1610    | 8.575            | 8.358          | 1 1/2     | 1          | 3 3/4  | B    | 6.3              | .9           |
| 80        | D35BTB80       | 1610    | 9.770            | 9.552          | 1 1/2     | 1          | 3 3/4  | B    | 7.9              | .9           |
| 96        | D35BTB96       | 1610    | 11.680           | 11.461         | 1 1/2     | 1          | 3 3/4  | B    | 9.9              | .9           |
| 112       | D35BTB112      | 1610    | 13.590           | 13.371         | 1 1/2     | 1          | 3 3/4  | B    | 10.9             | .9           |

Sprockets with "H" suffix have hardened teeth.



TAPER BUSHED  
TYPE B

### Double-Type QD

| No. Teeth | Catalog Number | Bush- ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |    |   |    |    |      | Weight (Approx.) |          |         |
|-----------|----------------|-----------|------------------|----------------|------|-----------|----------------|----------------|----|---|----|----|------|------------------|----------|---------|
|           |                |           | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C  | Y | P  | X  | T    | W                | With Hub | Rim Onl |
| 68        | D35SDS68       | SDS       | 8.340            | 8.120          | C    | 2         | 1½             | 1½             | 3⅝ | ⅞ | ⅝  | ¾  | .162 | .561             | 8.40     | 7.40    |
| 72        | D35SDS72       | SDS       | 8.810            | 8.597          | C    | 2         | 1½             | 1½             | 3⅝ | ⅞ | ⅝  | ¾  | .162 | .561             | 9.28     | 8.28    |
| 76        | D35SDS76       | SDS       | 9.290            | 9.074          | C    | 2         | 1½             | 1½             | 3⅝ | ⅞ | ⅝  | ¾  | .162 | .561             | 10.32    | 9.32    |
| 84        | D35SK84        | SK        | 10.250           | 10.029         | C    | 2½        | 2½             | 2½             | 3⅝ | ¾ | 1⅞ | 1¼ | .162 | .561             | 13.94    | 11.94   |
| 95        | D35SK95        | SK        | 11.560           | 11.342         | C    | 2½        | 2½             | 2½             | 3⅝ | ¾ | 1⅞ | 1¼ | .162 | .561             | 17.22    | 15.22   |
| 96        | D35SK96        | SK        | 11.680           | 11.461         | C    | 2½        | 2½             | 2½             | 3⅝ | ¾ | 1⅞ | 1¼ | .162 | .561             | 17.74    | 15.74   |
| 102       | D35SK102       | SK        | 12.400           | 12.177         | C    | 2½        | 2½             | 2½             | 3⅝ | ¾ | 1⅞ | 1¼ | .162 | .561             | 19.76    | 17.76   |

# No. 35-3

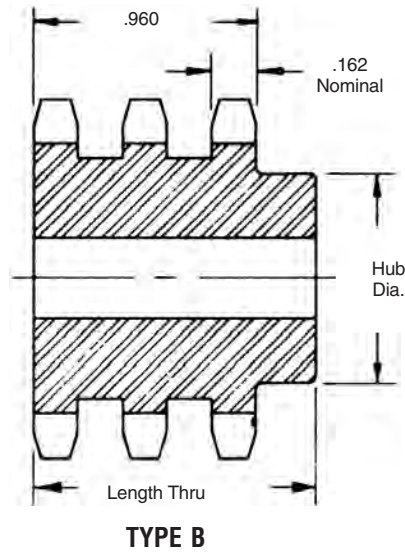
## 3/8" Pitch

# All Steel Stock Sprockets

*Martin*

## Triple-Type B

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 13        | E35B13H        | 1.750            | B    | 1/2           | 1 1/16    | 1 1/64       | 1 1/4       | .50                   |
| 14        | E35B14H        | 1.870            | B    | 1/2           | 7/8       | 1 1/4        | 1 1/4       | .62                   |
| 15        | E35B15H        | 1.990            | B    | 1/2           | 15/16     | 1 13/32      | 1 1/4       | .78                   |
| 16        | E35B16H        | 2.110            | B    | 1/2           | 15/16     | 1 13/32      | 1 1/4       | .82                   |
| 17        | E35B17H        | 2.230            | B    | 1/2           | 1 1/16    | 1 19/32      | 1 1/4       | 1.04                  |
| 18        | E35B18H        | 2.350            | B    | 1/2           | 1 1/16    | 1 29/32      | 1 1/4       | 1.22                  |
| 19        | E35B19H        | 2.470            | B    | 1/2           | 1 1/16    | 1 1/8        | 1 1/4       | 1.40                  |
| 20        | E35B20H        | 2.590            | B    | 3/4           | 1 1/16    | 1 15/16      | 1 1/8       | 1.50                  |
| 21        | E35B21H        | 2.710            | B    | 3/4           | 1 1/8     | 2 1/16       | 1 1/8       | 1.72                  |
| 22        | E35B22H        | 2.830            | B    | 3/4           | 1 1/8     | 2 3/16       | 1 1/8       | 1.96                  |
| 23        | E35B23H        | 2.950            | B    | 3/4           | 1 1/8     | 2 1/4        | 1 1/8       | 2.12                  |
| 24        | E35B24H        | 3.070            | B    | 3/4           | 1 1/8     | 2 1/4        | 1 1/8       | 2.26                  |
| 25        | E35B25H        | 3.190            | B    | 3/4           | 1 1/2     | 2 1/4        | 1 1/8       | 2.42                  |
| 26        | E35B26         | 3.310            | B    | 3/4           | 1 1/2     | 2 1/2        | 1 1/8       | 2.78                  |
| 30        | E35B30         | 3.790            | B    | 3/4           | 1 1/2     | 2 1/2        | 1 1/8       | 3.42                  |
| 36        | E35B36         | 4.510            | B    | 3/4           | 1 1/2     | 2 1/2        | 1 1/8       | 4.52                  |
| 42        | E35B42         | 5.230            | B    | 3/4           | 1 1/2     | 2 1/2        | 1 1/8       | 5.88                  |
| 48        | E35B48         | 5.950            | B    | 3/4           | 1 1/2     | 2 1/2        | 1 1/8       | 7.42                  |
| 52        | E35B52         | 6.430            | B    | 3/4           | 1 1/2     | 2 1/2        | 1 1/8       | 8.52                  |
| 60        | E35B60         | 7.380            | B    | 3/4           | 1 1/2     | 2 1/2        | 1 1/8       | 11.22                 |
| 68        | E35B68         | 8.340            | B    | 3/4           | 2 1/8     | 3 1/2        | 1 1/8       | 15.38                 |
| 72        | E35B72         | 8.810            | B    | 3/4           | 2 1/8     | 3 1/2        | 1 1/8       | 17.34                 |
| 76        | E35B76         | 9.290            | B    | 3/4           | 2 1/8     | 3 1/2        | 1 1/8       | 18.90                 |
| 84        | E35B84         | 10.250           | B    | 3/4           | 2 1/8     | 3 1/2        | 1 1/8       | 22.82                 |
| 95        | E35B95         | 11.560           | B    | 1             | 2 1/2     | 3 3/4        | 2 1/8       | 29.32                 |
| 96        | E35B96         | 11.680           | B    | 1             | 2 1/2     | 3 3/4        | 2 1/8       | 30.06                 |
| 102       | E35B102        | 12.400           | B    | 1             | 2 1/2     | 3 3/4        | 2 1/8       | 33.36                 |

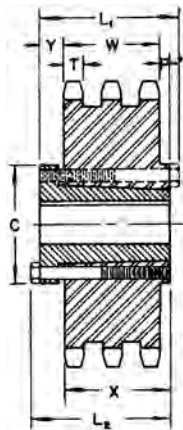


### Alteration Charges

See current discount sheet for alteration charges.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

NOTE: Triple 35 stock sprockets with 25 teeth or less have hardened teeth. Sprockets with "H" suffix have hardened teeth.



"QD" — TYPE C

## Triple-Type QD

| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |       |     |       |       |      |      | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|-----------|----------------|----------------|-------|-----|-------|-------|------|------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C     | Y   | P     | X     | T    | W    | With Hub         | Rim Only |
| 68        | E35SK68        | SK       | 8.340            | 8.120          | C    | 2 1/8     | 2 1/8          | 2 1/8          | 3 1/8 | 5/8 | 1 1/4 | 1 1/4 | .162 | .960 | 13.90            | 11.90    |
| 72        | E35SK72        | SK       | 8.810            | 8.597          | C    | 2 1/8     | 2 1/8          | 2 1/8          | 3 1/8 | 5/8 | 1 1/4 | 1 1/4 | .162 | .960 | 15.56            | 13.56    |
| 76        | E35SK76        | SK       | 9.290            | 9.074          | C    | 2 1/8     | 2 1/8          | 2 1/8          | 3 1/8 | 5/8 | 1 1/4 | 1 1/4 | .162 | .960 | 17.42            | 15.42    |
| 84        | E35SK84        | SK       | 10.250           | 10.029         | C    | 2 1/8     | 2 1/8          | 2 1/8          | 3 1/8 | 5/8 | 1 1/4 | 1 1/4 | .162 | .960 | 20.92            | 18.92    |
| 95        | E35SK95        | SK       | 11.560           | 11.342         | C    | 2 1/8     | 2 1/8          | 2 1/8          | 3 1/8 | 5/8 | 1 1/4 | 1 1/4 | .162 | .960 | 26.76            | 24.76    |
| 96        | E35SK96        | SK       | 11.680           | 11.461         | C    | 2 1/8     | 2 1/8          | 2 1/8          | 3 1/8 | 5/8 | 1 1/4 | 1 1/4 | .162 | .960 | 27.58            | 25.58    |
| 102       | E35SK102       | SK       | 12.400           | 12.177         | C    | 2 1/8     | 2 1/8          | 2 1/8          | 3 1/8 | 5/8 | 1 1/4 | 1 1/4 | .162 | .960 | 31.18            | 29.18    |

# Martin

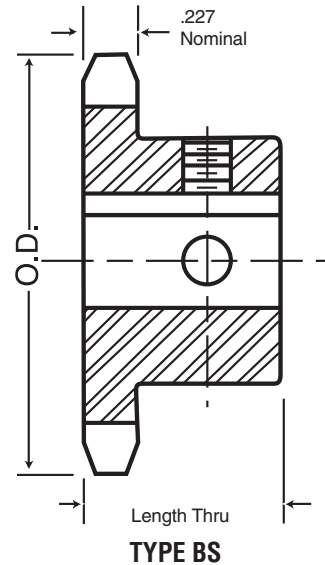
## All Steel Stock Sprockets

# No. 41

## ½" Pitch



**BORED-TO-SIZE**



SPROCKETS

### Single-Type "BS"— 2 Setscrews — Bored-To-Size

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (Approx.) | Stock Finished Bore Includes Keyway and 2 Setscrews                                                                         |
|-----------|----------------|------------------|------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 9         | 41BS9          | 1.670            | $\frac{7}{8}$    | .20                   | — $\frac{1}{2}$ — $\frac{5}{8}$                                                                                             |
| 10        | 41BS10         | 1.840            | $\frac{7}{8}$    | .25                   | — $\frac{1}{2}$ — $\frac{5}{8}$                                                                                             |
| 11        | 41BS11         | 2.000            | $\frac{7}{8}$    | .32                   | — $\frac{1}{2}$ — $\frac{5}{8}$ — $\frac{3}{4}$                                                                             |
| 12        | 41BS12         | 2.170            | $\frac{7}{8}$    | .33                   | — $\frac{1}{2}$ — $\frac{5}{8}$ — $\frac{3}{4}$ — $\frac{7}{8}$                                                             |
| 13        | 41BS13         | 2.330            | $\frac{7}{8}$    | .43                   | — $\frac{1}{2}$ — $\frac{5}{8}$ — $\frac{3}{4}$ — $\frac{7}{8}$ — 1                                                         |
| 14        | 41BS14         | 2.490            | $\frac{7}{8}$    | .48                   | — $\frac{1}{2}$ — $\frac{5}{8}$ — $\frac{3}{4}$ — $\frac{7}{8}$ — 1                                                         |
| 15        | 41BS15         | 2.650            | $\frac{7}{8}$    | .59                   | — $\frac{1}{2}$ — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                       |
| 16        | 41BS16         | 2.810            | $\frac{7}{8}$    | .72                   | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 17        | 41BS17         | 2.970            | 1                | 1.00                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 18        | 41BS18         | 3.140            | 1                | 1.10                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 19        | 41BS19         | 3.300            | 1                | 1.21                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 20        | 41BS20         | 3.460            | 1                | 1.39                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 21        | 41BS21         | 3.620            | 1                | 1.77                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 22        | 41BS22         | 3.780            | 1                | 1.92                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 23        | 41BS23         | 3.940            | 1                | 2.18                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 24        | 41BS24         | 4.100            | 1                | 2.24                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 25        | 41BS25         | 4.260            | 1                | 2.42                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 26        | 41BS26         | 4.420            | 1                | 2.46                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 27        | 41BS27         | 4.580            | 1                | 2.52                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 28        | 41BS28         | 4.740            | 1                | 2.60                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 30        | 41BS30         | 5.060            | 1                | 2.76                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 32        | 41BS32         | 5.380            | 1                | 2.92                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 35        | 41BS35         | 5.860            | 1                | 3.08                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 36        | 41BS36         | 6.020            | 1                | 3.28                  | — $\frac{5}{8}$ — $\frac{3}{4}$ — — 1                                                                                       |
| 40        | 41BS40         | 6.650            | $1\frac{1}{8}$   | 3.82                  | — $\frac{3}{4}$ — — 1 — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{4}$ — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{2}$ |
| 42        | 41BS42         | 6.970            | $1\frac{1}{8}$   | 3.68                  | — $\frac{3}{4}$ — — 1 — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{4}$ — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{2}$ |
| 45        | 41BS45         | 7.450            | $1\frac{1}{8}$   | 3.94                  | — $\frac{3}{4}$ — — 1 — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{4}$ — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{2}$ |
| 48        | 41BS48         | 7.930            | $1\frac{1}{8}$   | 4.68                  | — $\frac{3}{4}$ — — 1 — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{4}$ — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{2}$ |
| 54        | 41BS54         | 8.880            | $1\frac{1}{8}$   | 5.44                  | — $\frac{3}{4}$ — — 1 — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{4}$ — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{2}$ |
| 60        | 41BS60         | 9.840            | $1\frac{1}{8}$   | 6.54                  | — $\frac{3}{4}$ — — 1 — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{4}$ — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{2}$ |
| 70        | 41BS70         | 11.430           | $1\frac{1}{8}$   | 9.28                  | — $\frac{3}{4}$ — — 1 — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{4}$ — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{2}$ |
| 72        | 41BS72         | 11.750           | $1\frac{1}{8}$   | 9.38                  | — $\frac{3}{4}$ — — 1 — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{4}$ — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{2}$ |
| 80        | 41BS80         | 13.030           | $1\frac{1}{8}$   | 11.28                 | — $\frac{3}{4}$ — — 1 — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{4}$ — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{2}$ |
| 84        | 41BS84         | 13.660           | $1\frac{1}{8}$   | 11.94                 | — $\frac{3}{4}$ — — 1 — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{4}$ — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{2}$ |
| 96        | 41BS96         | 15.570           | $1\frac{1}{8}$   | 14.51                 | 1 — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{4}$ — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{2}$                     |
| 112       | 41BS112        | 18.120           | $1\frac{1}{8}$   | 18.81                 | 1 — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{4}$ — $1\frac{1}{8}$ — $1\frac{1}{8}$ — $1\frac{1}{2}$                     |

\*Indicates no keyway. (2) ¼" Setscrews only in ½" bore.  
Hub diameters vary to suit different bore sizes.

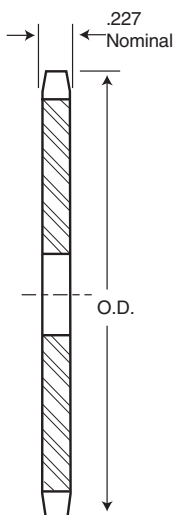
NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

# No. 41

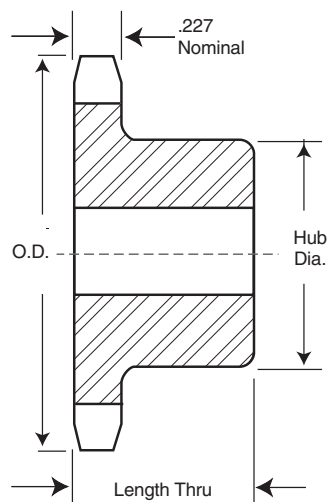
## 1/2" Pitch

# All Steel Stock Sprockets

*Martin*



TYPE A



TYPE B



SPROCKETS

## Single-Type B

## Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |      |                |            |                       |
| 6         | 41B6           | 1.170            | B    | 3/8           | 3/8       | 2 1/32*      | 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       | 65/64*       | 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 1/2*       | 7/8         | .35                   |      |                |            |                       |
| 12        | 41B12          | 2.170            | B    | 1/2           | 1 1/8     | 1 5/8*       | 7/8         | .44                   |      |                |            |                       |
| 13        | 41B13          | 2.330            | B    | 1/2           | 1         | 1 3/4        | 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 1/2     | 1 7/8        | 7/8         | .72                   | A    | 41A15          | 3/8        | .28                   |
| 16        | 41B16          | 2.810            | B    | 5/8           | 1 3/4     | 2 1/8        | 7/8         | .91                   | A    | 41A16          | 3/8        | .34                   |
| 17        | 41B17          | 2.970            | B    | 5/8           | 1 1/2     | 2 1/4        | 1           | 1.09                  | A    | 41A17          | 3/8        | .36                   |
| 18        | 41B18          | 3.140            | B    | 5/8           | 1 3/4     | 2 3/8        | 1           | 1.25                  | A    | 41A18          | 3/8        | .44                   |
| 19        | 41B19          | 3.300            | B    | 5/8           | 1 3/4     | 2 1/2        | 1           | 1.49                  | A    | 41A19          | 3/8        | .46                   |
| 20        | 41B20          | 3.460            | B    | 5/8           | 1 3/4     | 2 3/4        | 1           | 1.64                  | A    | 41A20          | 3/8        | .52                   |
| 21        | 41B21          | 3.620            | B    | 5/8           | 1 3/4     | 2 7/8        | 1           | 1.81                  | A    | 41A21          | 3/8        | .60                   |
| 22        | 41B22          | 3.780            | B    | 5/8           | 2         | 3            | 1           | 1.93                  | A    | 41A22          | 3/8        | .66                   |
| 23        | 41B23          | 3.940            | B    | 5/8           | 2 1/4     | 3 1/8        | 1           | 2.25                  | A    | 41A23          | 3/8        | .72                   |
| 24        | 41B24          | 4.100            | B    | 5/8           | 2 1/4     | 3 1/4        | 1           | 2.33                  | A    | 41A24          | 3/8        | .82                   |
| 25        | 41B25          | 4.260            | B    | 5/8           | 2 1/4     | 3 1/2        | 1           | 2.46                  | A    | 41A25          | 3/8        | .88                   |
| 26        | 41B26          | 4.420            | B    | 5/8           | 2 1/4     | 3 3/4        | 1           | 2.50                  | A    | 41A26          | 3/8        | .94                   |
| 27        | 41B27          | 4.580            | B    | 5/8           | 2 1/4     | 3 3/4        | 1           | 2.56                  | A    | 41A27          | 3/8        | 1.00                  |
| 28        | 41B28          | 4.740            | B    | 5/8           | 2 1/4     | 3 3/4        | 1           | 2.64                  | A    | 41A28          | 3/8        | 1.08                  |
| 30        | 41B30          | 5.060            | B    | 5/8           | 2 1/4     | 3 3/4        | 1           | 2.80                  | A    | 41A30          | 19/32      | 1.20                  |
| 32        | 41B32          | 5.380            | B    | 5/8           | 2 1/4     | 3 3/4        | 1           | 2.96                  | A    | 41A32          | 19/32      | 1.44                  |
| 35        | 41B35          | 5.860            | B    | 5/8           | 2 3/4     | 3 3/4        | 1           | 3.12                  | A    | 41A35          | 19/32      | 1.70                  |
| 36        | 41B36          | 6.020            | B    | 5/8           | 2 3/4     | 3 3/4        | 1           | 3.32                  | A    | 41A36          | 19/32      | 1.84                  |
| 40        | 41B40          | 6.650            | B    | 3/4           | 2 3/4     | 3 3/4        | 1 1/8       | 4.06                  | A    | 41A40          | 23/32      | 2.22                  |
| 42        | 41B42          | 6.970            | B    | 3/4           | 2 3/4     | 3 1/2        | 1 1/8       | 4.10                  | A    | 41A42          | 23/32      | 2.50                  |
| 45        | 41B45          | 7.450            | B    | 3/4           | 2 3/4     | 3 1/2        | 1 1/8       | 4.18                  | A    | 41A45          | 23/32      | 2.52                  |
| 48        | 41B48          | 7.930            | B    | 3/4           | 2 3/4     | 3 1/2        | 1 1/8       | 4.92                  | A    | 41A48          | 23/32      | 2.92                  |
| 54        | 41B54          | 8.880            | B    | 3/4           | 2 3/4     | 3 1/2        | 1 1/8       | 5.68                  | A    | 41A54          | 23/32      | 3.54                  |
| 60        | 41B60          | 9.840            | B    | 3/4           | 2 3/4     | 3 1/2        | 1 1/8       | 6.78                  | A    | 41A60          | 23/32      | 4.60                  |
| 70        | 41B70          | 11.430           | B    | 3/4           | 2 3/4     | 4            | 1 1/8       | 9.54                  | A    | 41A70          | 23/32      | 6.22                  |
| 72        | 41B72          | 11.750           | B    | 3/4           | 2 3/4     | 4            | 1 1/8       | 9.64                  | A    | 41A72          | 23/32      | 6.32                  |
| 80        | 41B80          | 13.030           | B    | 3/4           | 2 3/4     | 4            | 1 1/8       | 11.54                 | A    | 41A80          | 23/32      | 8.46                  |
| 84        | 41B84          | 13.660           | B    | 3/4           | 2 3/4     | 4            | 1 1/8       | 12.20                 | A    | 41A84          | 23/32      | 9.12                  |
| 96        | 41B96          | 15.570           | B    | 1             | 2 3/4     | 4            | 1 1/8       | 14.86                 | A    | 41A96          | 1 1/8      | 11.84                 |
| 112       | 41B112         | 18.120           | B    | 1             | 2 3/4     | 4            | 1 1/8       | 19.16                 | A    | 41A112         | 1 1/8      | 15.84                 |

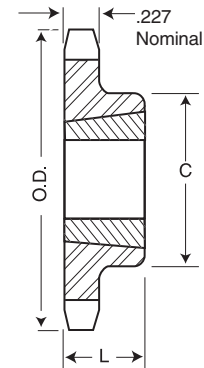
\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.  
Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

### Single-Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |        | Type | Weight (Approx.) |              |
|-----------|----------------|---------|------------------|----------------|-----------|------------|--------|------|------------------|--------------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C      |      | Rim Only         | Bushing Only |
| 14        | 41BTB14        | 1008    | 2.49             | 2.247          | 1         | 7/8        | 1 1/8* | B    | .4               | .3           |
| 15        | 41BTB15        | 1008    | 2.65             | 2.405          | 1         | 7/8        | 1 1/8  | B    | .5               | .3           |
| 16        | 41BTB16        | 1008    | 2.81             | 2.503          | 1         | 7/8        | 2      | B    | .6               | .3           |
| 17        | 41BTB17        | 1210    | 2.97             | 2.721          | 1 1/4     | 1          | 2 3/8* | B    | .7               | .6           |
| 18        | 41BTB18        | 1210    | 3.14             | 2.879          | 1 1/4     | 1          | 2 3/8  | B    | .9               | .6           |
| 19        | 41BTB19        | 1210    | 3.30             | 3.038          | 1 1/4     | 1          | 2 1/2  | B    | 1.1              | .6           |
| 20        | 41BTB20        | 1610    | 3.46             | 3.196          | 1 1/2     | 1          | 2 3/8* | B    | 1.1              | .9           |
| 21        | 41BTB21        | 1610    | 3.62             | 3.355          | 1 1/2     | 1          | 3*     | B    | 1.2              | .9           |
| 22        | 41BTB22        | 1610    | 3.78             | 3.513          | 1 1/2     | 1          | 3      | B    | 1.3              | .9           |
| 23        | 41BTB23        | 1610    | 3.94             | 3.672          | 1 1/2     | 1          | 3      | B    | 1.4              | .9           |
| 24        | 41BTB24        | 1610    | 4.10             | 3.831          | 1 1/2     | 1          | 3      | B    | 1.4              | .9           |
| 25        | 41BTB25        | 1610    | 4.26             | 3.989          | 1 1/2     | 1          | 3      | B    | 1.5              | .9           |
| 26        | 41BTB26        | 1610    | 4.42             | 4.148          | 1 1/2     | 1          | 3      | B    | 1.5              | .9           |
| 28        | 41BTB28        | 1610    | 4.74             | 4.466          | 1 1/2     | 1          | 3      | B    | 1.7              | .9           |
| 30        | 41BTB30        | 1610    | 5.06             | 4.783          | 1 1/2     | 1          | 3      | B    | 1.8              | .9           |
| 32        | 41BTB32        | 1610    | 5.38             | 5.101          | 1 1/2     | 1          | 3      | B    | 1.9              | .9           |
| 35        | 41BTB35        | 1610    | 5.86             | 5.578          | 1 1/2     | 1          | 3      | B    | 2.3              | .9           |
| 36        | 41BTB36        | 1610    | 6.02             | 5.737          | 1 1/2     | 1          | 3      | B    | 2.4              | .9           |
| 40        | 41BTB40        | 1610    | 6.65             | 6.373          | 1 1/2     | 1          | 3      | B    | 2.7              | .9           |
| 45        | 41BTB45        | 1610    | 7.45             | 7.168          | 1 1/2     | 1          | 3      | B    | 3.5              | .9           |
| 48        | 41BTB48        | 1610    | 7.93             | 7.645          | 1 1/2     | 1          | 3      | B    | 4.1              | .9           |
| 54        | 41BTB54        | 1610    | 8.88             | 8.599          | 1 1/2     | 1          | 3      | B    | 4.9              | .9           |
| 60        | 41BTB60        | 1610    | 9.84             | 9.554          | 1 1/2     | 1          | 3      | B    | 5.7              | .9           |
| 70        | 41BTB70        | 1610    | 11.43            | 11.145         | 1 1/2     | 1          | 3      | B    | 7.4              | .9           |
| 72        | 41BTB72        | 1610    | 11.75            | 11.463         | 1 1/2     | 1          | 3      | B    | 8.2              | .9           |
| 80        | 41BTB80        | 1610    | 13.03            | 12.736         | 1 1/2     | 1          | 3      | B    | 9.6              | .9           |
| 96        | 41BTB96        | 1610    | 15.57            | 15.282         | 1 1/2     | 1          | 3      | B    | 13.1             | .9           |

\* Has recessed groove in hub for chain clearance.

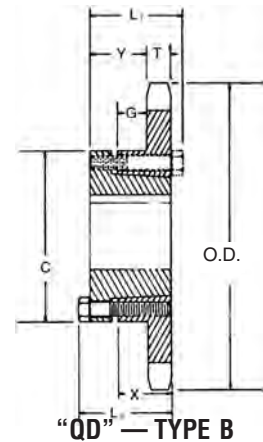


**TAPER BUSHED  
TYPE B**



### Single-Type QD

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



**"QD" — TYPE B**





No. 40  
1/2" Pitch

All Steel  
Stock Sprockets

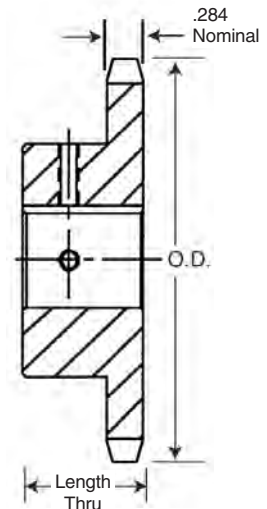
Martin

Single-Type "BS"— 2 Setscrews — Bored-To-Size

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (Approx.) | Stock Finished Bores<br>Includes Keyway and 2 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         | 2.970            | 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 5/8 — 1 7/8 — 1 1/2 |
| 19        | 40BS19         | 3.300            | 1                | 1.17                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 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 5/8 — 1 7/8 — 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 5/8 — 1 7/8 — 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 5/8 — 1 7/8 — 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 5/8 — 1 7/8 — 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 5/8 — 1 7/8 — 1 1/2 |
| 25        | 40BS25         | 4.260            | 1                | 2.22                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 26        | 40BS26         | 4.420            | 1                | 2.34                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 27        | 40BS27         | 4.580            | 1                | 2.42                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 28        | 40BS28         | 4.740            | 1                | 2.50                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 29        | 40BS29         | 4.900            | 1                | 2.60                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 30        | 40BS30         | 5.060            | 1                | 2.70                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 31        | 40BS31         | 5.220            | 1                | 2.88                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 32        | 40BS32         | 5.380            | 1                | 3.00                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 33        | 40BS33         | 5.540            | 1                | 3.03                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 34        | 40BS34         | 5.700            | 1                | 3.11                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 35        | 40BS35         | 5.860            | 1                | 3.20                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 36        | 40BS36         | 6.020            | 1                | 3.39                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 37        | 40BS37         | 6.170            | 1                | 3.45                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 38        | 40BS38         | 6.330            | 1                | 3.50                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 39        | 40BS39         | 6.490            | 1                | 4.00                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2 |
| 40        | 40BS40         | 6.650            | 1 1/8            | 4.28                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 41        | 40BS41         | 6.810            | 1 1/8            | 4.58                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 42        | 40BS42         | 6.970            | 1 1/8            | 4.64                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 43        | 40BS43         | 7.130            | 1 1/8            | 4.80                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 44        | 40BS44         | 7.290            | 1 1/8            | 4.96                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 45        | 40BS45         | 7.450            | 1 1/8            | 5.06                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 46        | 40BS46         | 7.610            | 1 1/8            | 5.19                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 47        | 40BS47         | 7.770            | 1 1/8            | 5.26                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 48        | 40BS48         | 7.930            | 1 1/8            | 5.66                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 49        | 40BS49         | 8.090            | 1 1/8            | 5.72                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 50        | 40BS50         | 8.250            | 1 1/8            | 5.78                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 51        | 40BS51         | 8.410            | 1 1/8            | 5.90                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 52        | 40BS52         | 8.570            | 1 1/8            | 5.94                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 53        | 40BS53         | 8.730            | 1 1/8            | 6.12                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 54        | 40BS54         | 8.880            | 1 1/8            | 6.24                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 55        | 40BS55         | 9.040            | 1 1/8            | 6.66                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 56        | 40BS56         | 9.200            | 1 1/8            | 6.71                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 57        | 40BS57         | 9.360            | 1 1/8            | 6.94                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 58        | 40BS58         | 9.520            | 1 1/8            | 7.17                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 59        | 40BS59         | 9.680            | 1 1/8            | 7.38                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 60        | 40BS60         | 9.840            | 1 1/8            | 7.68                  | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 70        | 40BS70         | 11.430           | 1 1/4            | 10.80                 | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 72        | 40BS72         | 11.750           | 1 1/4            | 11.30                 | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 80        | 40BS80         | 13.030           | 1 1/4            | 13.20                 | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 84        | 40BS84         | 13.660           | 1 1/4            | 13.84                 | — 3/4 — 7/8 — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2     |
| 96        | 40BS96         | 15.570           | 1 1/4            | 17.44                 | — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2                 |
| 112       | 40BS112        | 18.120           | 1 1/4            | 22.45                 | — 1 — 1 1/8 — 1 3/16 — 1 1/4 — 1 5/8 — 1 7/8 — 1 1/2                 |



BORED-TO-SIZE



TYPE BS

★Indicates no keyway.  
(2) 1/4" setscrews only.  
Hub diameters vary to suit different bore sizes.

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.



# Martin

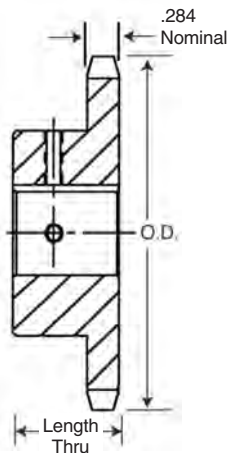
## All Steel Stock Sprockets

## No. 40 1/2" Pitch



SPROCKETS

### No. 40-Hardened Teeth — 2 Setscrews — Bored-To-Size

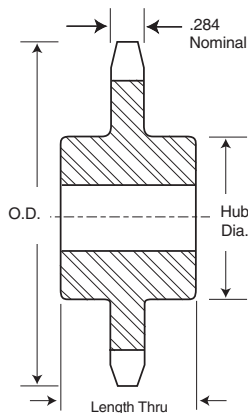


TYPE BS

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (Approx.) | Stock Finished Bores<br>Includes Keyway and 2 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 1/4                  |
| 16        | 40BS16HT       | 2.810            | 7/8              | .66                   | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 1/4                         |
| 17        | 40BS17HT       | 2.970            | 1                | .88                   | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 1/4                         |
| 18        | 40BS18HT       | 3.140            | 1                | 1.03                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 1/4 — 1 1/2 — 1 3/4         |
| 19        | 40BS19HT       | 3.292            | 1                | 1.17                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 1/4 — 1 1/2 — 1 3/4 — 1 1/2 |
| 20        | 40BS20HT       | 3.460            | 1                | 1.33                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 1/4 — 1 1/2 — 1 3/4 — 1 1/2 |
| 21        | 40BS21HT       | 3.620            | 1                | 1.53                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 1/4 — 1 1/2 — 1 3/4 — 1 1/2 |
| 22        | 40BS22HT       | 3.780            | 1                | 1.66                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 1/4 — 1 1/2 — 1 3/4 — 1 1/2 |
| 23        | 40BS23HT       | 3.940            | 1                | 1.92                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 1/4 — 1 1/2 — 1 3/4 — 1 1/2 |
| 24        | 40BS24HT       | 4.100            | 1                | 2.10                  | 5/8 — 3/4 — 7/8 — 1 — 1 1/8 — 1 1/4 — 1 1/2 — 1 3/4 — 1 1/2 |
| 25        | 40BS25HT       | 4.260            | 1                | 2.22                  | 3/4 — 7/8 — 1 — 1 1/8 — 1 1/4 — 1 1/2 — 1 3/4 — 1 1/2       |
| 26        | 40BS26HT       | 4.420            | 1                | 2.34                  | 3/4 — 7/8 — 1 — 1 1/8 — 1 1/4 — 1 1/2 — 1 3/4 — 1 1/2       |
| 28        | 40BS28HT       | 4.740            | 1                | 2.50                  | 3/4 — 7/8 — 1 — 1 1/8 — 1 1/4 — 1 1/2 — 1 3/4 — 1 1/2       |
| 30        | 40BS30HT       | 5.060            | 1                | 2.70                  | 3/4 — 7/8 — 1 — 1 1/8 — 1 1/4 — 1 1/2 — 1 3/4 — 1 1/2       |

★Indicates no keyway. (2) 1/4" setscrews only in 1/2" & 3/8" bore at 90°. NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

*Martin* stock hardened teeth sprockets afford longer chain and sprocket life. Hardened teeth on the smaller sprocket of a roller chain drive are recommended if the drive ratio is four to one or greater or if the smaller sprocket has 24 teeth or less and is running at a speed of over 600 R.P.M.



TYPE C

### Single-Type C — Steel

| No. Teeth | Catalog Number | Outside Diameter | Bore (inches) |           | Hub (inches) |        | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|---------------|-----------|--------------|--------|-----------------------|
|           |                |                  | Stock         | Rec. Max. | Diameter     | Length |                       |
| 12        | 40C12          | 2.170            | 1/2           | 1         | 1 3/4★       | 1 1/2  | .75                   |
| 13        | 40C13          | 2.330            | 1/2           | 1 1/8     | 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 3/4        | 1 1/2  | 1.19                  |
| 16        | 40C16          | 2.810            | 1/2           | 1 3/8     | 2            | 1 1/2  | 1.34                  |
| 17        | 40C17          | 2.970            | 5/8           | 1 7/8     | 2 1/2        | 1 1/2  | 1.5                   |
| 18        | 40C18          | 3.140            | 5/8           | 1 1/2     | 2 1/2        | 1 1/2  | 1.8                   |

★ Has recessed groove in hub for chain clearance.

No. 40  
1/2" Pitch

All Steel  
Stock Sprockets

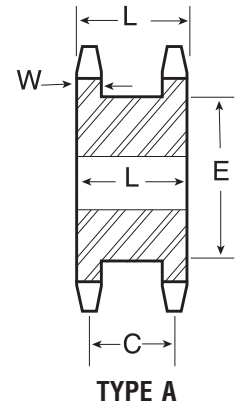
*Martin*



SPROCKETS

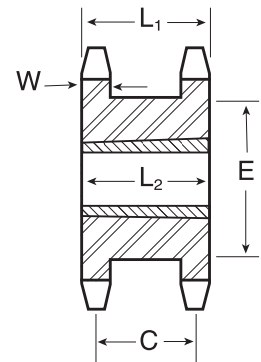
## Double Single-Type A — Steel

| No. Teeth | Catalog Number | Diameters        |                | Type | Min. Bore | Max. Bore | Dimensions |       |         |        | Wt. (Approx.) |
|-----------|----------------|------------------|----------------|------|-----------|-----------|------------|-------|---------|--------|---------------|
|           |                | Outside Diameter | Pitch Diameter |      |           |           | L          | C     | E       | w Nom. |               |
| 15        | DS40A15        | 2.650            | 2.405          | A    | 1/2       | 1 1/4     | 1 13/32    | 1 1/8 | 1 13/16 | .284   | 1.2           |
| 16        | DS40A16        | 2.810            | 2.563          | A    | 1/2       | 1 1/4     | 1 13/32    | 1 1/8 | 2       | .284   | 1.4           |
| 17        | DS40A17        | 2.980            | 2.721          | A    | 1/2       | 1 1/4     | 1 13/32    | 1 1/8 | 2 1/8   | .284   | 1.6           |
| 18        | DS40A18        | 3.140            | 2.879          | A    | 1/2       | 1 1/2     | 1 13/32    | 1 1/8 | 2 5/16  | .284   | 1.8           |
| 19        | DS40A19        | 3.300            | 3.038          | A    | 5/8       | 1 11/16   | 1 13/32    | 1 1/8 | 2 1/2   | .284   | 2.2           |
| 20        | DS40A20        | 3.460            | 3.196          | A    | 5/8       | 1 3/4     | 1 13/32    | 1 1/8 | 2 5/8   | .284   | 2.6           |
| 21        | DS40A21        | 3.620            | 3.355          | A    | 5/8       | 1 3/4     | 1 13/32    | 1 1/8 | 2 25/32 | .284   | 2.9           |
| 22        | DS40A22        | 3.780            | 3.513          | A    | 5/8       | 1 15/16   | 1 13/32    | 1 1/8 | 2 5/16  | .284   | 3.0           |
| 23        | DS40A23        | 3.940            | 3.672          | A    | 5/8       | 2 1/16    | 1 13/32    | 1 1/8 | 3 3/32  | .284   | 3.5           |
| 24        | DS40A24        | 4.100            | 3.831          | A    | 5/8       | 2 1/4     | 1 13/32    | 1 1/8 | 3 17/64 | .284   | 4.0           |
| 25        | DS40A25        | 4.260            | 3.989          | A    | 5/8       | 2 1/4     | 1 13/32    | 1 1/8 | 3 1/16  | .284   | 4.5           |



## Double Single-Taper Bushed — Steel

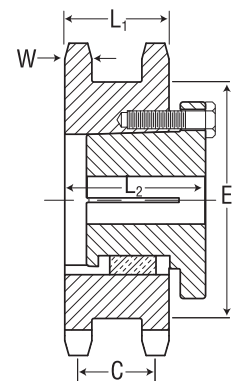
| No. Teeth | Catalog Number | Bushing Size | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions                      |    |                                 |                |        | Wt.      |
|-----------|----------------|--------------|------------------|----------------|-----------|-----------|------|---------------------------------|----|---------------------------------|----------------|--------|----------|
|           |                |              | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub>                  | C  | E                               | L <sub>2</sub> | w Nom. | Rim Only |
| 18        | DS40ATB18H     | 1215         | 3.140            | 2.879          | ½         | 1¼        | A    | 1 <sup>13</sup> / <sub>32</sub> | 1⅞ | 2 <sup>5</sup> / <sub>16</sub>  | 1½             | .284   | 1.0      |
| 19        | DS40ATB19H     | 1215         | 3.300            | 3.038          | ½         | 1¼        | A    | 1 <sup>13</sup> / <sub>32</sub> | 1⅞ | 2½                              | 1½             | .284   | 1.1      |
| 20        | DS40ATB20H     | 1215         | 3.460            | 3.196          | ½         | 1¼        | A    | 1 <sup>13</sup> / <sub>32</sub> | 1⅞ | 2⅞                              | 1½             | .284   | 1.3      |
| 21        | DS40ATB21H     | 1615         | 3.620            | 3.355          | ½         | 1⅞        | A    | 1 <sup>13</sup> / <sub>32</sub> | 1⅞ | 2 <sup>25</sup> / <sub>32</sub> | 1½             | .284   | 1.3      |
| 23        | DS40ATB23H     | 1615         | 3.940            | 3.672          | ½         | 1⅞        | A    | 1 <sup>13</sup> / <sub>32</sub> | 1⅞ | 3 <sup>3</sup> / <sub>32</sub>  | 1½             | .284   | 1.5      |
| 24        | DS40ATB24H     | 1615         | 4.100            | 3.831          | ½         | 1⅞        | A    | 1 <sup>13</sup> / <sub>32</sub> | 1⅞ | 3 <sup>17</sup> / <sub>64</sub> | 1½             | .284   | 1.7      |



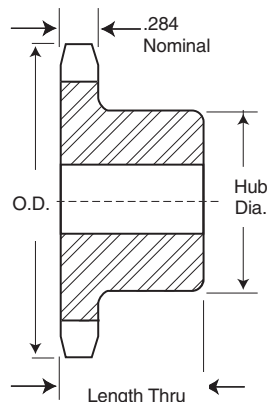
TAPER BUSH  
TYPE A

## Double Single - MST® — Steel

| No. Teeth | Catalog Number | Bushing Size | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions     |       |         |                |        | Wt.      |
|-----------|----------------|--------------|------------------|----------------|-----------|-----------|------|----------------|-------|---------|----------------|--------|----------|
|           |                |              | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub> | C     | E       | L <sub>2</sub> | w Nom. | Rim Only |
| 19        | DS40H19H       | H            | 3.300            | 3.038          | 3⁄8       | 1½        | BH   | 1 13⁄32        | 1 1⁄8 | 2 1⁄8   | 2 1⁄32         | .284   | 1.5      |
| 21        | DS40H21H       | H            | 3.620            | 3.355          | 3⁄8       | 1½        | BH   | 1 13⁄32        | 1 1⁄8 | 2 25⁄32 | 2 1⁄32         | .284   | 2        |
| 23        | DS40P23H       | P1           | 3.940            | 3.672          | ½         | 1¾        | B    | 1 13⁄32        | 1 1⁄8 | 3 3⁄32  | 2 9⁄32         | .284   | 2.3      |
| 24        | DS40P24H       | P1           | 4.100            | 3.831          | ½         | 1¾        | B    | 1 13⁄32        | 1 1⁄8 | 3 17⁄64 | 2 9⁄32         | .284   | 2.5      |



MST TYPE B



### Alteration Charges

See current discount sheet for alteration charges.

### STAINLESS STEEL

### TYPE B

### Single-Type B — Stainless

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |      |                |            |                       |
| 10        | 40B10SS        | 1.840            | B    | 1/2           | 3/4       | 1 1/4*       | 7/8         | .28                   |      |                |            |                       |
| 11        | 40B11SS        | 2.000            | B    | 1/2           | 3/4       | 1 3/8*       | 7/8         | .36                   |      |                |            |                       |
| 12        | 40B12SS        | 2.170            | B    | 1/2           | 3/4       | 1 1/2*       | 7/8         | .44                   |      |                |            |                       |
| 13        | 40B13SS        | 2.33             | B    | 1/2           | 1 1/8     | 1 3/8        | 7/8         | .50                   |      |                |            |                       |
| 14        | 40B14SS        | 2.490            | B    | 1/2           | 1 1/8     | 1 1/2        | 7/8         | .60                   |      |                |            |                       |
| 15        | 40B15SS        | 2.650            | B    | 1/2           | 1 1/4     | 1 3/8        | 7/8         | .68                   |      |                |            |                       |
| 16        | 40B16SS        | 2.810            | B    | 5/8           | 1 1/2     | 2            | 1           | .82                   |      |                |            |                       |
| 17        | 40B17SS        | 2.980            | B    | 5/8           | 1 3/4     | 2 1/8        | 1           | 1.06                  |      |                |            |                       |
| 18        | 40B18SS        | 3.140            | B    | 5/8           | 1 3/4     | 2 1/8        | 1           | 1.24                  |      |                |            |                       |
| 19        | 40B19SS        | 3.300            | B    | 5/8           | 1 3/4     | 2 1/8        | 1           | 1.42                  |      |                |            |                       |
| 20        | 40B20SS        | 3.460            | B    | 5/8           | 1 3/4     | 2 1/8        | 1           | 1.60                  |      |                |            |                       |
| 21        | 40B21SS        | 3.620            | B    | 5/8           | 1 3/4     | 2 1/8        | 1           | 1.68                  |      |                |            |                       |
| 22        | 40B22SS        | 3.780            | B    | 5/8           | 1 3/4     | 2 1/8        | 1           | 1.81                  |      |                |            |                       |
| 23        | 40B23SS        | 3.940            | B    | 5/8           | 2         | 3            | 1           | 2.18                  |      |                |            |                       |
| 24        | 40B24SS        | 4.100            | B    | 5/8           | 2 1/4     | 3 1/4        | 1           | 2.20                  |      |                |            |                       |
| 25        | 40B25SS        | 4.260            | B    | 5/8           | 2 1/4     | 3 1/4        | 1           | 1.84                  |      |                |            |                       |
| 26        | 40B26SS        | 4.420            | B    | 5/8           | 2 1/4     | 3 1/4        | 1           | 2.40                  | A    | 40A26SS        | 1 1/2      | 1.31                  |
| 28        | 40B28SS        | 4.740            | B    | 5/8           | 2 1/4     | 3 1/4        | 1           | 2.75                  | A    | 40A28SS        | 1 1/2      | 1.35                  |
| 30        | 40B30SS        | 5.060            | B    | 5/8           | 2 1/4     | 3 1/4        | 1           | 2.88                  | A    | 40A30SS        | 1 1/2      | 1.39                  |
| 35        | 40B35SS        | 5.860            | B    | 5/8           | 2 1/4     | 3 1/4        | 1           | 3.32                  | A    | 40A35SS        | 1 1/2      | 1.92                  |
| 40        | 40B40SS        | 6.650            | B    | 3/4           | 2 3/4     | 3 1/2        | 1           | 4.28                  | A    | 40A40SS        | 2 3/4      | 2.36                  |
| 45        | 40B45SS        | 7.450            | B    | 3/4           | 2 3/4     | 3 1/2        | 1           | 4.68                  | A    | 40A45SS        | 2 3/4      | 3.13                  |
| 60        | 40B60SS        | 9.840            | B    | 3/4           | 2 3/4     | 3 1/2        | 1           | 7.00                  | A    | 40A60SS        | 2 3/4      | 5.50                  |

\* Has recessed groove in hub for chain clearance.

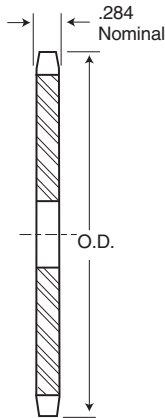
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

Sprockets altered at factory (rebored with keyway and setscrew added) will be supplied with stainless setscrew.

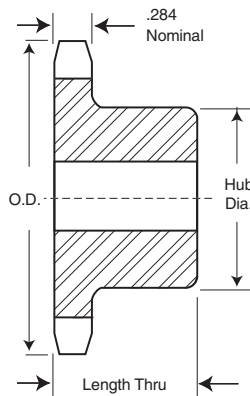
# No. 40 1/2" Pitch

## All Steel Stock Sprockets

*Martin*



TYPE A



TYPE B

### Single-Type B

### Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|----------------------|------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                      |      |                |            |                       |
| 8         | 40B8           | 1.510            | B    | 1/2           |           | 3/8          | 3/8         | .18                  |      |                |            |                       |
| 9         | 40B9           | 1.670            | B    | 1/2           | 1/8       | 1 1/8        | 3/8         | .20                  |      |                |            |                       |
| 10        | 40B10          | 1.840            | B    | 1/2           | 3/8       | 1 1/4        | 3/8         | .27                  |      |                |            |                       |
| 11        | 40B11          | 2.000            | B    | 1/2           | 7/8       | 1 3/8        | 3/8         | .35                  |      |                |            |                       |
| 12        | 40B12          | 2.170            | B    | 1/2           | 1         | 1 5/8        | 3/8         | .45                  | A    | 40A12          | 1/2        | .18                   |
| 13        | 40B13          | 2.330            | B    | 1/2           | 1 1/8     | 1 5/8        | 3/8         | .50                  | A    | 40A13          | 1/2        | .22                   |
| 14        | 40B14          | 2.490            | B    | 1/2           | 1 1/4     | 1 7/8        | 3/8         | .59                  | A    | 40A14          | 1/2        | .26                   |
| 15        | 40B15          | 2.650            | B    | 1/2           | 1 1/2     | 1 7/8        | 3/8         | .70                  | A    | 40A15          | 5/8        | .30                   |
| 16        | 40B16          | 2.810            | B    | 5/8           | 1 3/8     | 2            | 3/8         | .79                  | A    | 40A16          | 5/8        | .34                   |
| 17        | 40B17          | 2.980            | B    | 5/8           | 1 5/8     | 2 1/8        | 1           | 1.04                 | A    | 40A17          | 5/8        | .36                   |
| 18        | 40B18          | 3.140            | B    | 5/8           | 1 3/4     | 2 1/8        | 1           | 1.22                 | A    | 40A18          | 5/8        | .44                   |
| 19        | 40B19          | 3.300            | B    | 5/8           | 1 7/8     | 2 1/2        | 1           | 1.43                 | A    | 40A19          | 5/8        | .46                   |
| 20        | 40B20          | 3.460            | B    | 5/8           | 1 7/8     | 2 3/8        | 1           | 1.56                 | A    | 40A20          | 5/8        | .56                   |
| 21        | 40B21          | 3.620            | B    | 5/8           | 1 7/8     | 2 3/8        | 1           | 1.73                 | A    | 40A21          | 5/8        | .58                   |
| 22        | 40B22          | 3.780            | B    | 5/8           | 1 7/8     | 2 3/8        | 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        | 40B29          | 4.900            | B    | 5/8           | 2 1/4     | 3 1/4        | 1           | 2.80                 | A    | 40A29          | 19/32      | 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        | 40B31          | 5.220            | B    | 5/8           | 2 1/4     | 3 1/4        | 1           | 3.10                 | 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        | 40B37          | 6.180            | B    | 5/8           | 2 1/4     | 3 1/4        | 1           | 3.62                 | 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        | 40B39          | 6.490            | B    | 5/8           | 2 1/4     | 3 1/4        | 1           | 3.76                 | A    | 40A39          | 19/32      | 2.02                  |
| 40        | 40B40          | 6.650            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 4.69                 | A    | 40A40          | 23/32      | 2.22                  |
| 41        | 40B41          | 6.810            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 4.76                 | A    | 40A41          | 23/32      | 2.42                  |
| 42        | 40B42          | 6.970            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 4.82                 | A    | 40A42          | 23/32      | 2.50                  |
| 43        | 40B43          | 7.130            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 5.12                 | A    | 40A43          | 23/32      | 2.80                  |
| 44        | 40B44          | 7.290            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 5.15                 | A    | 40A44          | 23/32      | 2.85                  |
| 45        | 40B45          | 7.450            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 5.30                 | A    | 40A45          | 23/32      | 3.15                  |
| 46        | 40B46          | 7.610            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 5.57                 | A    | 40A46          | 23/32      | 3.26                  |
| 47        | 40B47          | 7.770            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 5.44                 | A    | 40A47          | 23/32      | 3.32                  |
| 48        | 40B48          | 7.930            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 5.84                 | A    | 40A48          | 23/32      | 3.22                  |
| 49        | 40B49          | 8.090            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 5.90                 | A    | 40A49          | 23/32      | 3.44                  |
| 50        | 40B50          | 8.250            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 5.96                 | A    | 40A50          | 23/32      | 3.62                  |
| 51        | 40B51          | 8.410            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 6.08                 | A    | 40A51          | 23/32      | 3.94                  |
| 52        | 40B52          | 8.570            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 6.28                 | A    | 40A52          | 23/32      | 4.08                  |
| 53        | 40B53          | 8.730            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 6.33                 | A    | 40A53          | 23/32      | 4.04                  |
| 54        | 40B54          | 8.890            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 6.42                 | A    | 40A54          | 23/32      | 4.44                  |
| 55        | 40B55          | 9.040            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 6.46                 | A    | 40A55          | 23/32      | 4.54                  |
| 56        | 40B56          | 9.200            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 6.89                 | A    | 40A56          | 23/32      | 4.84                  |
| 57        | 40B57          | 9.360            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 7.02                 | A    | 40A57          | 23/32      | 5.00                  |
| 58        | 40B58          | 9.520            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 7.36                 | A    | 40A58          | 23/32      | 5.12                  |
| 59        | 40B59          | 9.680            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 7.45                 | A    | 40A59          | 23/32      | 5.30                  |
| 60        | 40B60          | 9.840            | B    | 5/8           | 2 3/8     | 3 1/2        | 1 1/8       | 7.86                 | A    | 40A60          | 23/32      | 5.48                  |
| 70        | 40B70          | 11.430           | B    | 5/8           | 2 3/8     | 4            | 1 1/4       | 11.00                | A    | 40A70          | 23/32      | 7.24                  |
| 72        | 40B72          | 11.750           | B    | 5/8           | 2 3/8     | 4            | 1 1/4       | 11.50                | A    | 40A72          | 23/32      | 7.74                  |
| 80        | 40B80          | 13.030           | B    | 5/8           | 2 3/8     | 4            | 1 1/4       | 13.40                | A    | 40A80          | 23/32      | 10.20                 |
| 84        | 40B84          | 13.660           | B    | 5/8           | 2 3/8     | 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.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

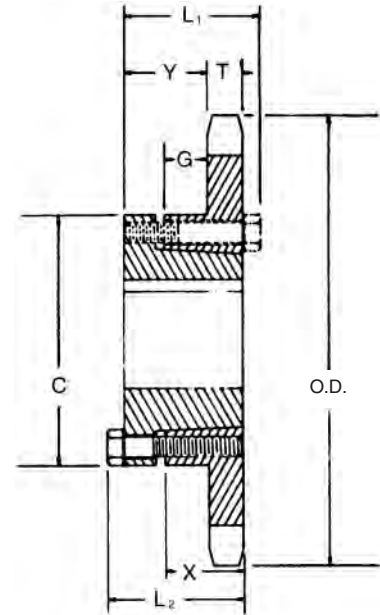
#### Alteration Charges

See current discount sheet for alteration charges.

### Single-Type QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 15        | 40JA15H        |
| 16        | 40JA16H        |
| 17        | 40JA17H        |
| 18        | 40JA18H        |
| 19        | 40JA19H        |
| 20        | 40SH20H        |
| 21        | 40SH21H        |
| 22        | 40SH22H        |
| 23        | 40SH23H        |
| 24        | 40SH24H        |
| 25        | 40SH25H        |
| 26        | 40SH26H        |
| 27        | 40SH27H        |
| 28        | 40SH28H        |
| 30        | 40SH30H        |

**SABER  
TOOTH®**



QD — TYPE B

SPROCKETS

### Single-Type QD

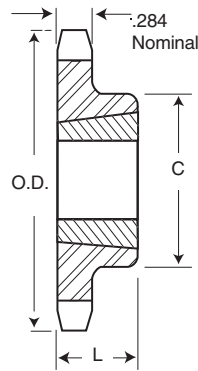
| No. Teeth | Catalog Number | Bush-<br>ing | Diameters           |                   | Type | Max.<br>Bore | Dimensions     |                |        |         |        |       |      | Weight (Approx.) |             |
|-----------|----------------|--------------|---------------------|-------------------|------|--------------|----------------|----------------|--------|---------|--------|-------|------|------------------|-------------|
|           |                |              | Outside<br>Diameter | Pitch<br>Diameter |      |              | L <sub>1</sub> | L <sub>2</sub> | C      | Y       | G      | X     | T    | With<br>Hub      | Rim<br>Only |
| 15        | 40JA15         | JA           | 2.650               | 2.405             | B    | 1 1/4        | 1 1/8          | 1 1/8          | 2 1/16 | 23/32   | 1 1/32 | 5/16  | .284 | 1.24             | .34         |
| 16        | 40JA16         | JA           | 2.810               | 2.563             | B    |              |                |                |        |         |        |       |      | 1.30             | .40         |
| 17        | 40JA17         | JA           | 2.980               | 2.721             | B    |              |                |                |        |         |        |       |      | 1.38             | .48         |
| 18        | 40JA18         | JA           | 3.140               | 2.879             | B    |              |                |                |        |         |        |       |      | 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   | 1 1/32 | 5/16  | .284 | 1.50             | .60         |
| 20        | 40SH20         | SH           | 3.460               | 3.196             | B    | 1 1/8        | 1 1/16         | 1 1/16         | 2 1/16 | 3 1/32  | 1 1/32 | 13/16 | .284 | 1.76             | .76         |
| 21        | 40SH21         | SH           | 3.620               | 3.355             | B    |              |                |                |        |         |        |       |      | 1.84             | .84         |
| 22        | 40SH22         | SH           | 3.780               | 3.513             | B    |              |                |                |        |         |        |       |      | 1.92             | .92         |
| 23        | 40SH23         | SH           | 3.940               | 3.672             | B    |              |                |                |        |         |        |       |      | 2.14             | 1.14        |
| 24        | 40SH24         | SH           | 4.100               | 3.831             | B    |              |                |                |        |         |        |       |      | 2.22             | 1.22        |
| 25        | 40SH25         | SH           | 4.260               | 3.989             | B    |              |                |                |        |         |        |       |      | 2.30             | 1.30        |
| 26        | 40SH26         | SH           | 4.420               | 4.148             | B    |              |                |                |        |         |        |       |      | 2.44             | 1.44        |
| 27        | 40SH27         | SH           | 4.580               | 4.307             | B    |              |                |                |        |         |        |       |      | 2.46             | 1.46        |
| 28        | 40SH28         | SH           | 4.740               | 4.466             | B    |              |                |                |        |         |        |       |      | 2.54             | 1.54        |
| 30        | 40SH30         | SH           | 5.060               | 4.783             | B    |              |                |                |        |         |        |       |      | 2.72             | 1.72        |
| 32        | 40SH32         | SH           | 5.380               | 5.101             | B    |              |                |                |        |         |        |       |      | 2.90             | 1.90        |
| 35        | 40SH35         | SH           | 5.860               | 5.578             | B    | 1 1/8        | 1 1/16         | 1 1/16         | 3      | 3 1/32  | 1 1/32 | 15/32 | .284 | 3.22             | 2.22        |
| 36        | 40SDS36        | SDS          | 6.020               | 5.737             | B    | 2            | 1 1/2          | 1 1/2          | 3 1/16 | 1 1/2   | 1 1/2  | 3/4   | .284 | 3.20             | 2.20        |
| 40        | 40SDS40        | SDS          | 6.650               | 6.373             | B    |              |                |                |        |         |        |       |      | 3.72             | 2.72        |
| 42        | 40SDS42        | SDS          | 6.970               | 6.691             | B    |              |                |                |        |         |        |       |      | 3.92             | 2.92        |
| 45        | 40SDS45        | SDS          | 7.450               | 7.168             | B    |              |                |                |        |         |        |       |      | 4.32             | 3.32        |
| 48        | 40SDS48        | SDS          | 7.930               | 7.645             | B    |              |                |                |        |         |        |       |      | 4.70             | 3.70        |
| 54        | 40SDS54        | SDS          | 8.890               | 8.599             | B    |              |                |                |        |         |        |       |      | 5.78             | 4.78        |
| 60        | 40SDS60        | SDS          | 9.840               | 9.554             | B    | 2            | 1 1/2          | 1 1/2          | 3 3/16 | 1 1/2   | 1 1/2  | 3/4   | .284 | 6.86             | 5.86        |
| 70        | 40SK70         | SK           | 11.430              | 11.145            | B    | 2 1/2        | 2 1/2          | 2 1/2          | 3 1/2  | 1 13/32 | 3 1/32 | 1 1/4 | .284 | 10.68            | 8.68        |
| 72        | 40SK72         | SK           | 11.750              | 11.463            | B    |              |                |                |        |         |        |       |      | 10.84            | 8.84        |
| 80        | 40SK80         | SK           | 13.030              | 12.736            | B    |              |                |                |        |         |        |       |      | 13.20            | 11.20       |
| 84        | 40SK84         | SK           | 13.660              | 13.372            | B    |              |                |                |        |         |        |       |      | 13.56            | 11.56       |
| 96        | 40SK96         | SK           | 15.570              | 15.282            | B    |              |                |                |        |         |        |       |      | 17.76            | 15.76       |
| 112       | 40SK112        | SK           | 18.120              | 17.828            | B    | 2 3/4        | 2 3/4          | 2 3/4          | 3 3/4  | 1 13/32 | 3 1/32 | 1 1/4 | .284 | 22.28            | 20.28       |

**No. 40**  
**1/2" Pitch**

**All Steel**  
**Stock Sprockets**

*Martin*

## Single-Taper Bushed with Hardened Teeth



**TAPER BUSHED  
TYPE B**

**SABER  
TOOTH®**

| No. Teeth | Catalog Number |
|-----------|----------------|
| 14        | 40BTB14H       |
| 15        | 40BTB15H       |
| 16        | 40BTB16H       |
| 17        | 40BTB17H       |
| 18        | 40BTB18H       |
| 19        | 40BTB19H       |
| 20        | 40BTB20H       |
| 21        | 40BTB21H       |
| 22        | 40BTB22H       |
| 23        | 40BTB23H       |
| 24        | 40BTB24H       |
| 25        | 40BTB25H       |
| 26        | 40BTB26H       |
| 28        | 40BTB28H       |
| 30        | 40BTB30H       |

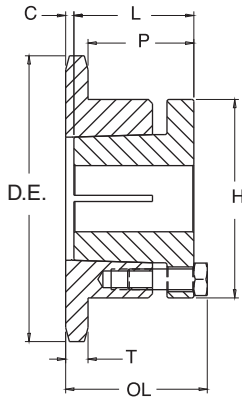
## Single-Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |          | Type | Weight (Approx.) |              |
|-----------|----------------|---------|------------------|----------------|-----------|------------|----------|------|------------------|--------------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C        |      | Rim Only         | Bushing 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 1/16   | B    | .4               | .3           |
| 16        | 40BTB16        | 1008    | 2.814            | 2.563          | 1         | 7/8        | 1 1/16   | B    | .5               | .3           |
| 17        | 40BTB17        | 1210    | 2.975            | 2.721          | 1 1/4     | 1          | ★2 1/2   | 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 1/2    | B    | .7               | .6           |
| 20        | 40BTB20        | 1610    | 3.457            | 3.196          | 1 1/2     | 1          | ★2 29/32 | B    | .7               | .9           |
| 21        | 40BTB21        | 1610    | 3.617            | 3.355          | 1 1/2     | 1          | 2 29/32  | B    | .8               | .9           |
| 22        | 40BTB22        | 1610    | 3.778            | 3.513          | 1 1/2     | 1          | 2 29/32  | B    | .9               | .9           |
| 23        | 40BTB23        | 1610    | 3.938            | 3.672          | 1 1/2     | 1          | 3 3/32   | B    | 1.0              | .9           |
| 24        | 40BTB24        | 1610    | 4.098            | 3.831          | 1 1/2     | 1          | 3 1/4    | B    | 1.4              | .9           |
| 25        | 40BTB25        | 1610    | 4.258            | 3.989          | 1 1/2     | 1          | 3 1/2    | B    | 1.5              | .9           |
| 26        | 40BTB26        | 1610    | 4.418            | 4.148          | 1 1/2     | 1          | 3 1/2    | B    | 1.7              | .9           |
| 28        | 40BTB28        | 1610    | 4.738            | 4.466          | 1 1/2     | 1          | 3 1/2    | B    | 1.8              | .9           |
| 30        | 40BTB30        | 1610    | 5.057            | 4.783          | 1 1/2     | 1          | 3 1/2    | B    | 1.9              | .9           |
| 32        | 40BTB32        | 1610    | 5.377            | 5.101          | 1 1/2     | 1          | 3 1/2    | B    | 1.9              | .9           |
| 35        | 40BTB35        | 1610    | 5.855            | 5.578          | 1 1/2     | 1          | 3 1/2    | B    | 2.3              | .9           |
| 36        | 40BTB36        | 1610    | 6.015            | 5.737          | 1 1/2     | 1          | 3        | B    | 2.4              | .9           |
| 40        | 40BTB40        | 1610    | 6.653            | 6.373          | 1 1/2     | 1          | 3        | B    | 2.8              | .9           |
| 42        | 40BTB42        | 1610    | 6.972            | 6.691          | 1 1/2     | 1          | 3        | B    | 2.9              | .9           |
| 45        | 40BTB45        | 1610    | 7.451            | 7.168          | 1 1/2     | 1          | 3        | B    | 3.5              | .9           |
| 48        | 40BTB48        | 1610    | 7.928            | 7.645          | 1 1/2     | 1          | 3        | B    | 4.0              | .9           |
| 54        | 40BTB54        | 1610    | 8.885            | 8.599          | 1 1/2     | 1          | 3        | B    | 4.9              | .9           |
| 60        | 40BTB60        | 1610    | 9.841            | 9.554          | 1 1/2     | 1          | 3        | B    | 6.0              | .9           |
| 70        | 40BTB70        | 2012    | 11.434           | 11.145         | 2         | 1 1/4      | 3 1/16   | B    | 8.2              | 1.7          |
| 72        | 40BTB72        | 2012    | 11.752           | 11.463         | 2         | 1 1/4      | 3 1/16   | B    | 9.0              | 1.7          |
| 80        | 40BTB80        | 2012    | 13.026           | 12.736         | 2         | 1 1/4      | 3 1/16   | B    | 10.8             | 1.7          |
| 84        | 40BTB84        | 2012    | 13.663           | 13.372         | 2         | 1 1/4      | 3 1/16   | B    | 11.3             | 1.7          |
| 96        | 40BTB96        | 2012    | 15.573           | 15.282         | 2         | 1 1/4      | 3 1/16   | B    | 14.6             | 1.7          |
| 112       | 40BTB112       | 2517    | 18.122           | 17.828         | 2 1/2     | 1 1/4      | 4 1/4    | B    | 20.5             | 1.7          |

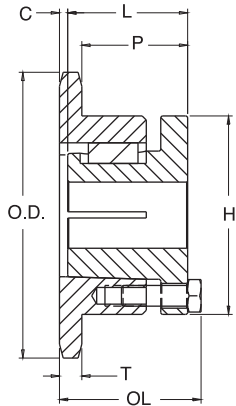
★ Has recessed groove in hub for chain clearance.



### Single - MST<sup>®</sup> Sprockets



TIPO 3



TYPE 4

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |         |      |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|---------|------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C    | H     | P       | T(nom) | With Hub         | Rim Only |
| 15        | 40H15H         | H        | 2.650        | 2.405      | 3    | 1-1/2     | 1-19/32    | 1-1/4   | 5/32 | 2-1/2 | 1-1/8   | .284   | 1.3              | .5       |
| 16        | 40H16H         | H        | 2.810        | 2.563      | 3    | 1-1/2     | 1-19/32    | 1-1/4   | 5/32 | 2-1/2 | 1-1/8   | .284   | 1.4              | .6       |
| 17        | 40H17H         | H        | 2.980        | 2.721      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 1.4              | .6       |
| 18        | 40H18H         | H        | 3.140        | 2.879      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 1.4              | .6       |
| 18        | 40P18H         | P1       | 3.140        | 2.879      | 3    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 2.7              | 1.4      |
| 19        | 40H19H         | H        | 3.300        | 3.038      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2 1/2 | 1-1/32  | .284   | 1.6              | .8       |
| 19        | 40P19H         | P1       | 3.300        | 3.038      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 2.6              | 1.3      |
| 20        | 40H20H         | H        | 3.460        | 3.196      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 1.7              | .9       |
| 20        | 40P20H         | P1       | 3.460        | 3.196      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 2.6              | 1.3      |
| 21        | 40H21H         | H        | 3.620        | 3.355      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 1.7              | .9       |
| 21        | 40P21H         | P1       | 3.620        | 3.355      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 2.8              | 1.5      |
| 22        | 40H22H         | H        | 3.780        | 3.513      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 1.8              | 1.0      |
| 22        | 40P22H         | P1       | 3.780        | 3.513      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 2.9              | 1.6      |
| 23        | 40H23H         | H        | 3.940        | 3.672      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 1.8              | 1.0      |
| 23        | 40P23H         | P1       | 3.940        | 3.672      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 3.0              | 1.7      |
| 24        | 40H24H         | H        | 4.100        | 3.831      | 3    | 1-1/2     | 1 1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 1.9              | 1.1      |
| 24        | 40P24H         | P1       | 4.100        | 3.831      | 4    | 1-3/4     | 2 3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 3.1              | 1.8      |
| 25        | 40H25H         | H        | 4.260        | 3.989      | 3    | 1-1/2     | 1 1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 2.1              | 1.3      |
| 25        | 40P25H         | P1       | 4.260        | 3.989      | 4    | 1-3/4     | 2 3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 3.2              | 1.9      |
| 26        | 40H26H         | H        | 4.420        | 4.148      | 3    | 1-1/2     | 1 1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 2.1              | 1.3      |
| 26        | 40P26H         | P1       | 4.420        | 4.148      | 4    | 1 3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 3.2              | 1.9      |
| 27        | 40H27H         | H        | 4.580        | 4.307      | 3    | 1 1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 2.2              | 1.4      |
| 28        | 40H28H         | H        | 4.740        | 4.466      | 3    | 1 1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 2.2              | 1.4      |
| 28        | 40P28H         | P1       | 4.740        | 4.466      | 4    | 1 3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 3.4              | 2.1      |
| 29        | 40P29H         | P1       | 4.900        | 4.625      | 4    | 1 3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 3.6              | 2.3      |
| 30        | 40H30H         | H        | 5.060        | 4.783      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 2.4              | 1.6      |
| 30        | 40P30H         | P1       | 5.060        | 4.783      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 3.6              | 2.3      |
| 31        | 40P31          | P1       | 5.220        | 4.942      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 3.8              | 2.5      |
| 32        | 40H32H         | H        | 5.380        | 5.101      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 2.6              | 1.8      |
| 32        | 40P32          | P1       | 5.380        | 5.101      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 3.9              | 2.6      |
| 33        | 40H33H         | H        | 5.540        | 5.260      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 2.7              | 1.9      |
| 33        | 40P33          | P1       | 5.540        | 5.260      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 3.9              | 2.6      |
| 34        | 40P34          | P1       | 5.700        | 5.419      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 4.1              | 2.8      |
| 35        | 40H35H         | H        | 5.860        | 5.578      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 2.9              | 2.1      |
| 35        | 40P35          | P1       | 5.860        | 5.578      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 4.2              | 2.9      |
| 36        | 40H36H         | H        | 6.020        | 5.737      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 3.1              | 2.3      |
| 36        | 40P36          | P1       | 6.020        | 5.737      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 4.4              | 3.1      |
| 37        | 40P37          | P1       | 6.180        | 5.896      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 4.6              | 3.3      |
| 38        | 40H38H         | H        | 6.330        | 6.055      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 3.4              | 2.6      |
| 38        | 40P38          | P1       | 6.330        | 6.055      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 4.6              | 3.3      |
| 40        | 40H40H         | H        | 6.650        | 6.373      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 1-1/32  | .284   | 3.6              | 2.8      |
| 40        | 40P40          | P1       | 6.650        | 6.373      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 4.8              | 3.5      |
| 41        | 40P41          | P1       | 6.810        | 6.532      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 4.9              | 3.6      |
| 42        | 40P42          | P1       | 6.970        | 6.691      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 5.2              | 3.9      |
| 44        | 40P44          | P1       | 7.290        | 7.009      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 5.3              | 4.0      |
| 45        | 40P45          | P1       | 7.450        | 7.168      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 5.5              | 4.2      |
| 47        | 40P47          | P1       | 7.770        | 7.486      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 5.9              | 4.6      |
| 48        | 40P48          | P1       | 7.930        | 7.645      | 4    | 1-3/4     | 2 3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 6.1              | 4.8      |
| 50        | 40P50          | P1       | 8.250        | 7.963      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 6.3              | 5.0      |
| 54        | 40P54          | P1       | 8.890        | 8.599      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 6.8              | 5.5      |
| 56        | 40P56          | P1       | 9.200        | 8.917      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 7.2              | 5.9      |
| 60        | 40P60          | P1       | 9.840        | 9.554      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 7.9              | 6.6      |
| 60        | 40Q60          | Q1       | 9.840        | 9.554      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-7/32  | .284   | 12.3             | 8.8      |
| 70        | 40P70          | P1       | 11.430       | 11.145     | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-21/32 | .284   | 9.9              | 8.6      |
| 70        | 40Q70          | Q1       | 11.430       | 11.145     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-7/32  | .284   | 14.5             | 11.0     |
| 72        | 40Q72          | Q1       | 11.750       | 11.463     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-7/32  | .284   | 14.7             | 11.2     |
| 80        | 40Q80          | Q1       | 13.030       | 12.736     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-7/32  | .284   | 16.6             | 13.1     |
| 84        | 40Q84          | Q1       | 13.660       | 13.372     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-7/32  | .284   | 17.6             | 14.1     |
| 96        | 40Q96          | Q1       | 15.570       | 15.281     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-7/32  | .284   | 16.3             | 12.8     |
| 112       | 40Q112         | Q1       | 18.120       | 17.828     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-7/32  | .284   | 20.8             | 17.3     |

Sprockets with "H" suffix have hardened teeth.

# No. 40-2

## 1/2" Pitch

# All Steel Stock Sprockets

*Martin*

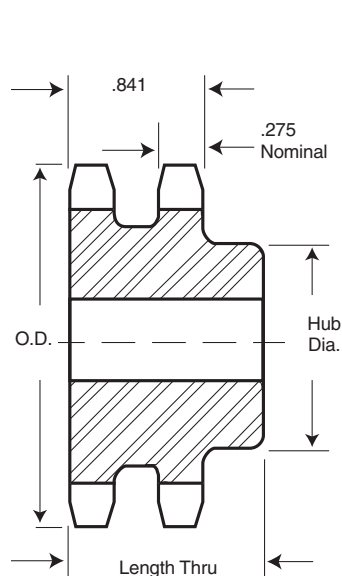
## Double-Type B

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 11        | D40B11H        | 2.000            | B    | 1/2           | 3/4       | 1 1/8*       | 1 1/2       | .62                   |
| 12        | D40B12H        | 2.170            | B    | 1/2           | 7/8       | 1 1/8*       | 1 1/2       | .76                   |
| 13        | D40B13H        | 2.330            | B    | 1/2           | 1         | 1 1/8        | 1 1/2       | .86                   |
| 14        | D40B14H        | 2.490            | B    | 1/2           | 1 1/8     | 1 1/8        | 1 1/2       | 1.08                  |
| 15        | D40B15H        | 2.650            | B    | 1/2           | 1 1/4     | 1 1/8        | 1 1/2       | 1.24                  |
| 16        | D40B16H        | 2.810            | B    | 5/8           | 1 3/8     | 2            | 1 1/2       | 1.42                  |
| 17        | D40B17H        | 2.980            | B    | 5/8           | 1 1/2     | 2 1/8        | 1 1/2       | 1.64                  |
| 18        | D40B18H        | 3.140            | B    | 5/8           | 1 1/2     | 2 3/8        | 1 1/2       | 1.92                  |
| 19        | D40B19H        | 3.300            | B    | 5/8           | 1 3/4     | 2 1/8        | 1 1/2       | 2.22                  |
| 20        | D40B20H        | 3.460            | B    | 5/8           | 1 3/4     | 2 3/8        | 1 1/2       | 2.64                  |
| 21        | D40B21H        | 3.620            | B    | 5/8           | 1 3/4     | 2 3/8        | 1 1/2       | 2.94                  |
| 22        | D40B22H        | 3.780            | B    | 5/8           | 1 3/4     | 2 3/8        | 1 1/2       | 3.18                  |
| 23        | D40B23H        | 3.940            | B    | 5/8           | 2         | 3            | 1 1/2       | 3.52                  |
| 24        | D40B24H        | 4.100            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/2       | 4.04                  |
| 25        | D40B25H        | 4.260            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/2       | 4.26                  |
| 26        | D40B26         | 4.420            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/2       | 4.48                  |
| 30        | D40B30         | 5.060            | B    | 7/8           | 2 1/4     | 3 3/4        | 1 1/2       | 5.34                  |
| 35        | D40B35         | 5.860            | B    | 7/8           | 2 1/4     | 3 3/4        | 1 1/2       | 6.80                  |
| 36        | D40B36         | 6.020            | B    | 7/8           | 2 1/2     | 3 3/4        | 1 1/2       | 7.20                  |
| 40        | D40B40         | 6.650            | B    | 7/8           | 2 1/2     | 3 3/4        | 1 1/2       | 9.40                  |
| 42        | D40B42         | 6.970            | B    | 1 1/8         | 2 1/2     | 3 3/4        | 1 1/2       | 10.20                 |
| 45        | D40B45         | 7.450            | B    | 1 1/8         | 2 1/2     | 3 3/4        | 1 1/2       | 11.36                 |
| 48        | D40B48         | 7.930            | B    | 1 1/8         | 2 1/2     | 3 3/4        | 1 1/2       | 12.66                 |
| 52        | D40B52         | 8.570            | B    | 1 1/8         | 2 1/2     | 3 3/4        | 1 1/2       | 14.46                 |
| 54        | D40B54         | 8.890            | B    | 1 1/8         | 2 1/2     | 3 3/4        | 1 1/2       | 15.48                 |
| 60        | D40B60         | 9.840            | B    | 1 1/8         | 2 1/2     | 3 3/4        | 1 1/2       | 18.60                 |
| 68        | D40B68         | 11.120           | B    | 1 1/8         | 2 3/4     | 4 1/4        | 2 1/2       | 24.96                 |
| 72        | D40B72         | 11.750           | B    | 1 1/8         | 2 3/4     | 4 1/4        | 2 1/2       | 27.88                 |
| 76        | D40B76         | 12.390           | B    | 1 1/8         | 2 3/4     | 4 1/4        | 2 1/2       | 30.18                 |
| 84        | D40B84         | 13.660           | B    | 1 1/8         | 2 3/4     | 4 1/4        | 2 1/2       | 36.24                 |
| 95        | D40B95         | 15.410           | B    | 1 1/8         | 2 3/4     | 4 1/4        | 2 1/2       | 38.84                 |
| 96        | D40B96         | 15.570           | B    | 1 1/8         | 2 3/4     | 4 1/4        | 2 1/2       | 39.50                 |
| 102       | D40B102        | 16.530           | B    | 1 1/8         | 2 3/4     | 4 1/4        | 2 1/2       | 42.72                 |
| 112       | D40B112        | 18.120           | B    | 1 1/8         | 2 3/4     | 4 1/4        | 2 1/2       | 55.54                 |

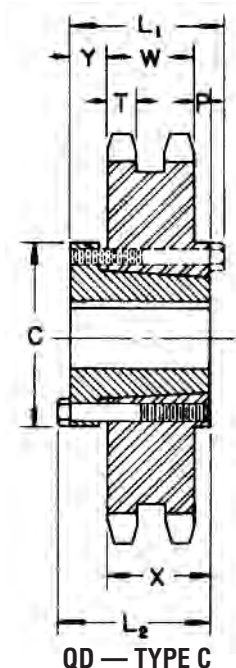
\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

NOTE: Double 40 stock sprockets with 25 teeth or less have hardened teeth. As indicated by H suffix.



TYPE B



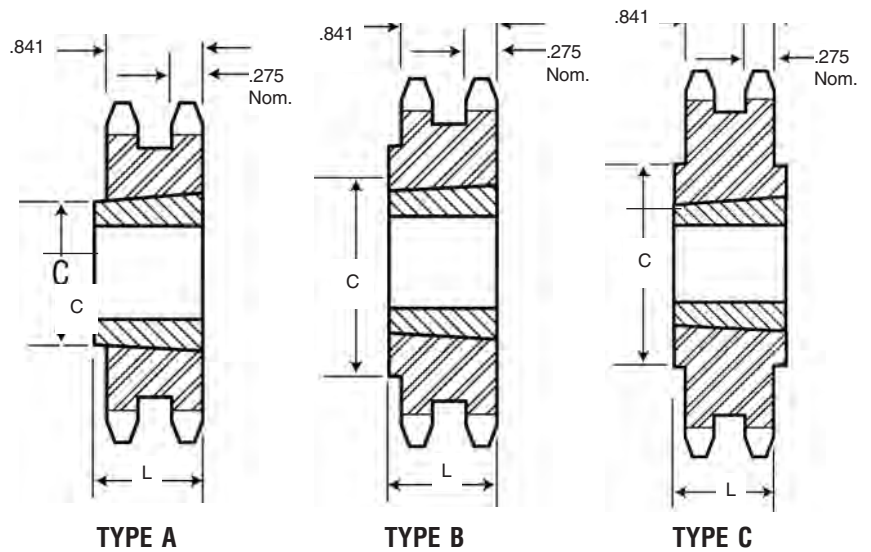
QD — TYPE C

### Alteration Charges

See current discount sheet for alteration charges.

## Double-Type QD

| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |       |     |        |       |      |      | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|-----------|----------------|----------------|-------|-----|--------|-------|------|------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C     | Y   | P      | X     | T    | W    | With Hub         | Rim Only |
| 36        | D40SK36        | SK       | 6.020            | 5.737          | C    | 2 5/8     | 2 1/2          | 2 1/2          | 3 3/8 | 5/8 | 1 3/16 | 1 1/4 | .275 | .841 | 6.68             | 4.68     |
| 40        | D40SK40        | SK       | 6.650            | 6.373          | C    |           |                |                |       |     |        |       |      |      | 8.02             | 6.02     |
| 42        | D40SK42        | SK       | 6.970            | 6.691          | C    |           |                |                |       |     |        |       |      |      | 8.82             | 6.82     |
| 45        | D40SK45        | SK       | 7.450            | 7.168          | C    |           |                |                |       |     |        |       |      |      | 9.98             | 7.98     |
| 48        | D40SK48        | SK       | 7.930            | 7.645          | C    |           |                |                |       |     |        |       |      |      | 11.22            | 9.22     |
| 52        | D40SK52        | SK       | 8.570            | 8.281          | C    |           |                |                |       |     |        |       |      |      | 13.04            | 11.04    |
| 54        | D40SK54        | SK       | 8.890            | 8.599          | C    |           |                |                |       |     |        |       |      |      | 14.06            | 12.06    |
| 60        | D40SK60        | SK       | 9.840            | 9.554          | C    | 2 5/8     | 2 1/2          | 2 1/2          | 3 3/8 | 5/8 | 1 3/16 | 1 1/4 | .275 | .841 | 16.98            | 14.98    |
| 68        | D40SF68        | SF       | 11.180           | 10.826         | C    | 2 11/16   | 2 1/4          | 2 1/4          | 4 1/8 | 3/4 | 1 3/16 | 1 1/4 | 2.75 | .841 | 22.72            | 19.72    |
| 72        | D40SF72        | SF       | 11.750           | 11.463         | C    |           |                |                |       |     |        |       |      |      | 24.20            | 22.20    |
| 76        | D40SF76        | SF       | 12.390           | 12.099         | C    |           |                |                |       |     |        |       |      |      | 28.20            | 25.20    |
| 84        | D40SF84        | SF       | 13.660           | 13.372         | C    |           |                |                |       |     |        |       |      |      | 33.64            | 30.64    |
| 95        | D40SF95        | SF       | 15.410           | 15.122         | C    |           |                |                |       |     |        |       |      |      | 40.22            | 37.22    |
| 102       | D40SF102       | SF       | 16.530           | 16.236         | C    |           |                |                |       |     |        |       |      |      | 42.70            | 39.70    |
| 112       | D40SF112       | SF       | 18.120           | 17.828         | C    | 2 11/16   | 2 1/4          | 2 1/4          | 4 1/8 | 3/4 | 1 3/16 | 1 1/4 | 2.75 | .841 | 52.60            | 49.60    |



### Double-Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |         | Type | Weight (Approx.) |              |
|-----------|----------------|---------|------------------|----------------|-----------|------------|---------|------|------------------|--------------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C       |      | Rim Only         | Bushing Only |
| 15        | D40ATB15H      | 1008    | 2.652            | 2.405          | 1         | 7/8        | 1 1/4   | A    | .5               | .3           |
| 16        | D40ATB16H      | 1008    | 2.814            | 2.563          | 1         | 7/8        | 1 1/4   | A    | .6               | .3           |
| 17        | D40ATB17H      | 1008    | 2.975            | 2.721          | 1         | 7/8        | 1 1/4   | A    | .7               | .3           |
| 18        | D40BTB18H      | 1210    | 3.135            | 2.879          | 1 1/4     | 1          | 2 1/4   | B    | .7               | .6           |
| 19        | D40BTB19H      | 1210    | 3.296            | 3.038          | 1 1/4     | 1          | 2 1/4   | B    | .9               | .6           |
| 20        | D40BTB20H      | 1610    | 3.457            | 3.196          | 1 1/4     | 1          | 2 1/4   | B    | .9               | .9           |
| 21        | D40BTB21H      | 1610    | 3.617            | 3.355          | 1 1/4     | 1          | 2 1/4   | B    | 1.0              | .9           |
| 23        | D40BTB23H      | 1610    | 3.938            | 3.672          | 1 1/4     | 1          | 3       | B    | 1.3              | .9           |
| 25        | D40BTB25H      | 2012    | 4.258            | 3.989          | 2         | 1 1/4      | 3 13/32 | B    | 1.6              | 1.7          |
| 30        | D40BTB30       | 2012    | 5.057            | 4.783          | 2         | 1 1/4      | 4 1/4   | B    | 3.4              | 1.7          |
| 36        | D40BTB36       | 2012    | 6.015            | 5.737          | 2         | 1 1/4      | 5 1/2   | B    | 5.9              | 1.7          |
| 42        | D40CTB42       | 2517    | 6.972            | 6.691          | 2 1/2     | 1 1/4      | 4 1/4   | C    | 7.0              | 3.5          |
| 48        | D40CTB48       | 2517    | 7.928            | 7.645          | 2 1/2     | 1 1/4      | 4 1/4   | C    | 9.6              | 3.5          |
| 52        | D40CTB52       | 2517    | 8.566            | 8.281          | 2 1/2     | 1 1/4      | 4 1/4   | C    | 11.4             | 3.5          |
| 60        | D40CTB60       | 2517    | 9.841            | 9.554          | 2 1/2     | 1 1/4      | 4 1/4   | C    | 15.4             | 3.5          |
| 68        | D40CTB68       | 2517    | 11.115           | 10.826         | 2 1/2     | 1 1/4      | 4 1/4   | C    | 20.5             | 3.5          |
| 76        | D40CTB76       | 2517    | 12.389           | 12.099         | 2 1/2     | 1 1/4      | 4 1/4   | C    | 25.7             | 3.5          |
| 84        | D40CTB84       | 2517    | 13.663           | 13.372         | 2 1/2     | 1 1/4      | 4 1/4   | C    | 31.6             | 3.5          |
| 95        | D40CTB95       | 2517    | 15.414           | 15.122         | 2 1/2     | 1 1/4      | 4 1/4   | C    | 34.1             | 3.5          |
| 102       | D40CTB102      | 2517    | 16.529           | 16.236         | 2 1/2     | 1 1/4      | 4 1/4   | C    | 36.8             | 3.5          |

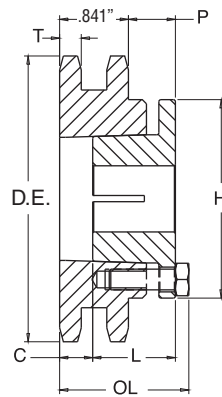
NOTE: Double 40 stock sprockets with 25 teeth or less have hardened teeth.  
As indicated by H suffix.

# No. 40-2

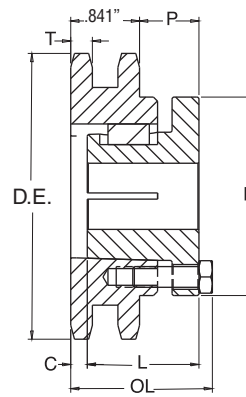
## 1/2" Pitch

**MST®**  
**Sprockets**

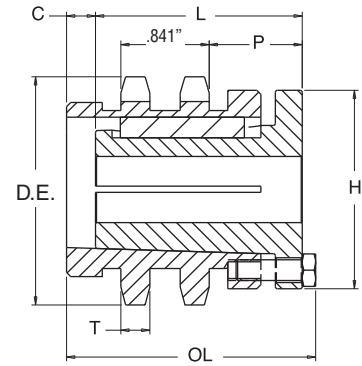
*Martin*



**TIPO 11**



**TIPO 12**

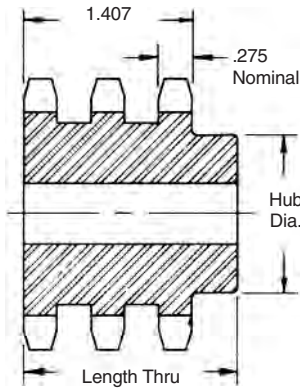


**TIPO 16**

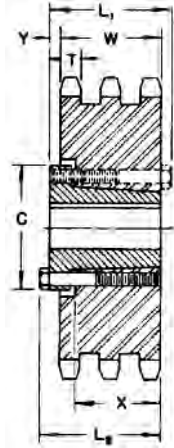
### Double - MST® Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |         |       |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|---------|-------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C     | H     | P       | T(nom) | With Hub         | Rim Only |
| 15        | D40H15H        | H        | 2.650        | 2.405      | 11   | 1-1/2     | 2-5/32     | 1-1/4   | 23/32 | 2-1/2 | 1-1/8   | .275   | 1.7              | .9       |
| 16        | D40H16H        | H        | 2.810        | 2.563      | 11   | 1-1/2     | 2-5/32     | 1-1/4   | 23/32 | 2-1/2 | 1-1/8   | .275   | 1.8              | 1.0      |
| 17        | D40H17H        | H        | 2.980        | 2.721      | 11   | 1-1/2     | 2-5/32     | 1-1/4   | 23/32 | 2-1/2 | 1-1/8   | .275   | 1.9              | 1.1      |
| 18        | D40P18H        | P1       | 3.140        | 2.879      | 16   | 1-3/4     | 3 3/16     | 1-15/16 | 1     | 3     | 1-3/8   | .275   | 3.1              | 1.8      |
| 19        | D40P19H        | P1       | 3.300        | 3.038      | 12   | 1-3/4     | 2 15/32    | 1-15/16 | 9/32  | 3     | 1-3/8   | .275   | 2.7              | 1.4      |
| 20        | D40P20H        | P1       | 3.460        | 3.196      | 12   | 1-3/4     | 2-13/32    | 1-15/16 | 7/32  | 3     | 1-3/8   | .275   | 2.9              | 1.6      |
| 21        | D40P21H        | P1       | 3.620        | 3.355      | 12   | 1-3/4     | 2-13/32    | 1-15/16 | 7/32  | 3     | 1-3/8   | .275   | 3.1              | 1.8      |
| 22        | D40P22H        | P1       | 3.780        | 3.513      | 12   | 1-3/4     | 2-13/32    | 1-15/16 | 7/32  | 3     | 1-3/8   | .275   | 3.3              | 2.0      |
| 23        | D40P23H        | P1       | 3.940        | 3.672      | 12   | 1-3/4     | 2-3/16     | 1-15/16 | 0     | 3     | 1-3/32  | .275   | 3.3              | 2.0      |
| 24        | D40P24H        | P1       | 4.100        | 3.831      | 12   | 1-3/4     | 2-3/16     | 1-15/16 | 0     | 3     | 1-3/32  | .275   | 3.5              | 2.2      |
| 25        | D40P25H        | P1       | 4.260        | 3.989      | 12   | 1-3/4     | 2-3/16     | 1-15/16 | 0     | 3     | 1-3/32  | .275   | 3.8              | 2.5      |
| 26        | D40P26H        | P1       | 4.420        | 4.148      | 12   | 1-3/4     | 2-3/16     | 1-15/16 | 0     | 3     | 1-3/32  | .275   | 4.0              | 2.7      |
| 28        | D40P28H        | P1       | 4.740        | 4.466      | 12   | 1-3/4     | 2-3/16     | 1-15/16 | 0     | 3     | 1-3/32  | .275   | 4.4              | 3.1      |
| 30        | D40Q30H        | Q1       | 5.060        | 4.783      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 7.7              | 4.2      |
| 32        | D40Q32H        | Q1       | 5.380        | 5.101      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 8.8              | 5.3      |
| 35        | D40Q35H        | Q1       | 5.860        | 5.578      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 9.6              | 6.1      |
| 36        | D40Q36H        | Q1       | 6.020        | 5.737      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 10.0             | 6.5      |
| 40        | D40Q40H        | Q1       | 6.650        | 6.373      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 11.4             | 7.9      |
| 42        | D40Q42H        | Q1       | 6.970        | 6.691      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 12.4             | 8.9      |
| 45        | D40Q45H        | Q1       | 7.450        | 7.168      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 13.6             | 10.1     |
| 48        | D40Q48H        | Q1       | 7.930        | 7.645      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 15.3             | 11.8     |
| 52        | D40Q52H        | Q1       | 8.570        | 8.281      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 16.1             | 12.6     |
| 54        | D40Q54H        | Q1       | 8.890        | 8.599      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 17.8             | 14.3     |
| 60        | D40Q60H        | Q1       | 9.840        | 9.554      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 20.9             | 17.4     |
| 68        | D40Q68         | Q1       | 11.120       | 10.826     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 25.0             | 21.5     |
| 72        | D40Q72         | Q1       | 11.750       | 11.463     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 28.5             | 25.0     |
| 76        | D40Q76         | Q1       | 12.390       | 12.099     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 30.4             | 26.9     |
| 84        | D40Q84         | Q1       | 13.660       | 13.372     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 37.6             | 34.1     |
| 95        | D40Q95         | Q1       | 15.410       | 15.122     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 45.5             | 42.0     |
| 96        | D40Q96         | Q1       | 15.570       | 15.281     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 47.6             | 44.      |
| 102       | D40Q102        | Q1       | 16.530       | 16.236     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 52.0             | 48.5     |
| 112       | D40Q112        | Q1       | 18.120       | 17.828     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-21/32 | .275   | 64.5             | 61.0     |

Sprockets with "H" suffix have hardened teeth.



**TYPE B**



**QD — TYPE B**

### Alteration Charges

See current discount sheet for alteration charges.

### Triple-Type B

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 11        | E40B11H        | 2.000            | B    | 1/2           | 3/4       | 1 1/8★       | 2 1/2       | .80                   |
| 12        | E40B12H        | 2.170            | B    | 1/2           | 15/16     | 1 1/8★       | 2 1/2       | 1.10                  |
| 13        | E40B13H        | 2.330            | B    | 1/2           | 1         | 1 1/8        | 2 1/2       | 1.24                  |
| 14        | E40B14H        | 2.490            | B    | 1/2           | 1 1/8     | 1 1/8        | 2 1/2       | 1.50                  |
| 15        | E40B15H        | 2.650            | B    | 1/2           | 1 1/4     | 1 1/8        | 2 1/2       | 1.76                  |
| 16        | E40B16H        | 2.810            | B    | 5/8           | 1 3/8     | 2            | 2 1/2       | 2.04                  |
| 17        | E40B17H        | 2.980            | B    | 5/8           | 1 5/8     | 2 1/8        | 2 1/2       | 2.34                  |
| 18        | E40B18H        | 3.140            | B    | 5/8           | 1 7/8     | 2 1/8        | 2 1/2       | 2.72                  |
| 19        | E40B19H        | 3.300            | B    | 5/8           | 2         | 2 1/8        | 2 1/2       | 3.10                  |
| 20        | E40B20H        | 3.460            | B    | 5/8           | 2 1/8     | 2 1/8        | 2 1/2       | 3.72                  |
| 21        | E40B21H        | 3.620            | B    | 5/8           | 2 1/4     | 2 1/8        | 2 1/2       | 4.06                  |
| 22        | E40B22H        | 3.780            | B    | 5/8           | 2 1/2     | 2 1/8        | 2 1/2       | 4.52                  |
| 23        | E40B23H        | 3.940            | B    | 5/8           | 2 3/4     | 3            | 2 1/2       | 4.96                  |
| 24        | E40B24H        | 4.100            | B    | 5/8           | 3         | 3 1/8        | 2 1/2       | 5.64                  |
| 25        | E40B25H        | 4.260            | B    | 5/8           | 3 1/4     | 3 1/8        | 2 1/2       | 6.02                  |
| 26        | E40B26         | 4.420            | B    | 5/8           | 3 1/2     | 3 1/8        | 2 1/2       | 6.36                  |
| 30        | E40B30         | 5.060            | B    | 7/8           | 3 3/4     | 3 1/2        | 2 1/2       | 7.84                  |
| 35        | E40B35         | 5.860            | B    | 7/8           | 4 1/4     | 3 1/2        | 2 1/2       | 10.30                 |
| 36        | E40B36         | 6.020            | B    | 15/16         | 4 1/2     | 3 1/2        | 2 1/2       | 11.72                 |
| 42        | E40B42         | 6.970            | B    | 15/16         | 5 1/8     | 3 1/2        | 2 1/2       | 15.36                 |
| 48        | E40B48         | 7.930            | B    | 15/16         | 6 1/8     | 4            | 2 1/2       | 19.36                 |
| 52        | E40B52         | 8.570            | B    | 15/16         | 6 3/4     | 4            | 2 1/2       | 22.44                 |
| 60        | E40B60         | 9.840            | B    | 15/16         | 8 1/8     | 4 1/2        | 2 1/2       | 30.02                 |
| 68        | E40B68         | 11.120           | B    | 1 1/8         | 9 1/4     | 5            | 2 1/2       | 38.44                 |
| 72        | E40B72         | 11.750           | B    | 1 1/8         | 10 1/8    | 5 1/2        | 2 1/2       | 42.46                 |
| 76        | E40B76         | 12.390           | B    | 1 1/8         | 11 1/8    | 6            | 2 1/2       | 46.90                 |
| 84        | E40B84         | 13.660           | B    | 1 1/8         | 13 1/8    | 7 1/4        | 2 1/2       | 57.30                 |
| 95        | E40B95         | 15.410           | B    | 1 1/8         | 15 1/8    | 8 1/2        | 2 1/2       | 62.18                 |
| 102       | E40B102        | 16.530           | B    | 1 1/8         | 17 1/8    | 9 1/2        | 2 1/2       | 68.40                 |

★ Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

NOTE: Triple 40 stock sprockets with 25 teeth or less have hardened teeth. As indicated by H suffix.

### Triple-Type QD

| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |       |       |       |      |       | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|-----------|----------------|----------------|-------|-------|-------|------|-------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C     | Y     | X     | T    | W     | With Hub         | Rim Only |
| 36        | E40SK36        | SK       | 6.020            | 5.737          | B    | 2 1/8     | 2 1/8          | 2 1/8          | 3 1/8 | 1 1/2 | 1 1/4 | .275 | 1.407 | 8.16             | 6.16     |
| 42        | E40SK42        | SK       | 6.970            | 6.691          | B    |           |                |                |       |       |       |      |       | 11.92            | 9.52     |
| 48        | E40SK48        | SK       | 7.930            | 7.645          | B    |           |                |                |       |       |       |      |       | 15.13            | 13.16    |
| 52        | E40SK52        | SK       | 8.570            | 8.281          | B    |           |                |                |       |       |       |      |       | 18.08            | 16.08    |
| 60        | E40SK60        | SK       | 9.840            | 9.554          | B    | 2 1/8     | 2 1/8          | 2 1/8          | 3 1/8 | 1 1/2 | 1 1/4 | .275 | 1.407 | 24.60            | 22.60    |
| 68        | E40SF68        | SF       | 11.120           | 10.826         | B    | 2 15/16   | 2 1/4          | 2 1/4          | 4 1/8 | 1 1/2 | 1 1/4 | .275 | 1.407 | 31.98            | 29.98    |
| 72        | E40SF72        | SF       | 11.750           | 11.463         | B    |           |                |                |       |       |       |      |       | 37.40            | 34.40    |
| 76        | E40SF76        | SF       | 12.390           | 12.099         | B    |           |                |                |       |       |       |      |       | 51.92            | 48.92    |
| 84        | E40SF84        | SF       | 13.660           | 13.372         | B    |           |                |                |       |       |       |      |       | 56.70            | 53.78    |
| 95        | E40SF95        | SF       | 15.410           | 15.122         | B    |           |                |                |       |       |       |      |       | 58.94            | 55.94    |
| 102       | E40SF102       | SF       | 16.530           | 16.236         | B    | 2 15/16   | 2 1/4          | 2 1/4          | 4 1/8 | 1 1/2 | 1 1/4 | .275 | 1.407 | 62.24            | 59.24    |

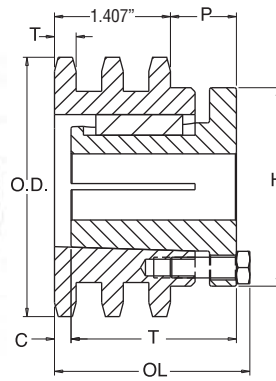


# No. 40-3

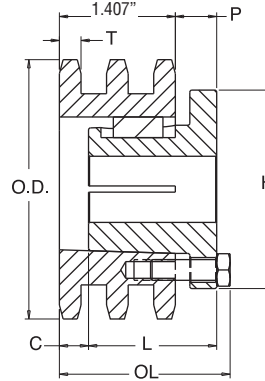
## 1/2" Pitch

**MST®**  
**Sprockets**

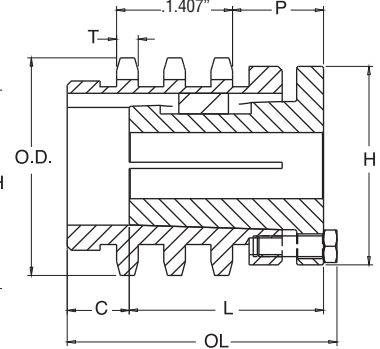
*Martin*



**TYPE 22**



**TYPE 23**



**TYPE 27**

### Triple - MST® Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |         |        |       |        |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|---------|--------|-------|--------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C      | H     | P      | T(nom) | With Hub         | Rim Only |
| 18        | E40P18H        | P1       | 3.140        | 2.879      | 27   | 1-3/4     | 3-3/4      | 1-15/16 | 1 9/16 | 3     | 1-3/8  | .275   | 3.2              | 1.9      |
| 19        | E40P19H        | P1       | 3.300        | 3.038      | 22   | 1-3/4     | 3 1/32     | 1-15/16 | 27/32  | 3     | 1-3/8  | .275   | 3.1              | 1.8      |
| 20        | E40P20H        | P1       | 3.460        | 3.196      | 22   | 1-3/4     | 2 31/32    | 1-15/16 | 25/32  | 3     | 1-5/16 | .275   | 3.3              | 2.0      |
| 23        | E40P23H        | P1       | 3.940        | 3.672      | 23   | 1-3/4     | 2-9/32     | 1-15/16 | 3/32   | 3     | 5/8    | .275   | 3.6              | 2.3      |
| 24        | E40P24H        | P1       | 4.100        | 3.831      | 23   | 1-3/4     | 2-9/32     | 1-15/16 | 3/32   | 3     | 5/8    | .275   | 3.9              | 2.6      |
| 25        | E40P25H        | P1       | 4.260        | 3.989      | 23   | 1-3/4     | 2-9/32     | 1-15/16 | 3/32   | 3     | 5/8    | .275   | 4.3              | 3.0      |
| 27        | E40P27H        | P1       | 4.580        | 4.307      | 23   | 1-3/4     | 2-9/32     | 1-15/16 | 3/32   | 3     | 5/8    | .275   | 4.6              | 3.3      |
| 30        | E40Q30H        | Q1       | 5.060        | 4.783      | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 8.0              | 4.5      |
| 35        | E40Q35H        | Q1       | 5.860        | 5.578      | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 10.4             | 6.9      |
| 36        | E40Q36H        | Q1       | 6.020        | 5.737      | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 11.1             | 7.6      |
| 42        | E40Q42H        | Q1       | 6.970        | 6.691      | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 14.6             | 11.1     |
| 48        | E40Q48H        | Q1       | 7.930        | 7.645      | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 18.7             | 15.2     |
| 52        | E40Q52H        | Q1       | 8.570        | 8.281      | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 22.2             | 18.7     |
| 54        | E40Q54H        | Q1       | 8.890        | 8.599      | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 23.4             | 19.9     |
| 60        | E40Q60H        | Q1       | 9.840        | 9.554      | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 28.8             | 25.3     |
| 68        | E40Q68         | Q1       | 11.120       | 10.826     | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 37.0             | 33.5     |
| 72        | E40Q72         | Q1       | 11.750       | 11.463     | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 41.4             | 37.9     |
| 76        | E40Q76         | Q1       | 12.390       | 12.099     | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 46.0             | 42.5     |
| 84        | E40Q84         | Q1       | 13.660       | 13.372     | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 55.9             | 52.4     |
| 95        | E40Q95         | Q1       | 15.410       | 15.122     | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 71.4             | 67.9     |
| 102       | E40Q102        | Q1       | 16.530       | 16.236     | 22   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-3/32 | .275   | 82.0             | 78.5     |

Sprockets with "H" suffix have hardened teeth.



# No. 50 5/8" Pitch

*Martin*



## SPROCKETS

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

Technical drawing of a shaft-hub assembly. The shaft is shown with a diameter of  $\pm .001$  and a tolerance of  $\pm .001$ . The hub is shown with a diameter of  $\pm .001$  and a tolerance of  $\pm .001$ . The drawing includes labels for O.D. (Outside Diameter), Hub Dia. (Hub Diameter), and Length Thru (Length Through).

| No. Teeth | Catalog Number | Outside Diameter | Bore (inches) |                  | Hub (inches)     |        | Weight (Approx.) |
|-----------|----------------|------------------|---------------|------------------|------------------|--------|------------------|
|           |                |                  | Stock         | Rec. Max.        | Lbs. Diameter    | Length |                  |
| 12        | 50C12          | 2.710            | ⅝             | 1¼               | 2★               | 1%     | 1.25             |
| 13        | 50C13          | 2.910            | ⅝             | 1⅝ <sub>16</sub> | 1⅞               | 1%     | 1.47             |
| 14        | 50C14          | 3.110            | ⅝             | 1⅞ <sub>16</sub> | 2⅞               | 1%     | 1.69             |
| 15        | 50C15          | 3.320            | ⅝             | 1½               | 2⅞               | 1%     | 1.94             |
| 16        | 50C16          | 3.520            | ⅝             | 1¼               | 2½               | 1%     | 2.42             |
| 17        | 50C17          | 3.720            | ⅝             | 1⅞               | 2⅞ <sub>64</sub> | 1%     | 2.75             |
| 18        | 50C18          | 3.920            | ⅝             | 1⅞               | 2⅞ <sub>16</sub> | 1%     | 3.25             |
| 19        | 50C19          | 4.120            | ¾             | 2                | 3⅞ <sub>64</sub> | 1%     | 3.87             |
| 20        | 50C20          | 4.320            | ¾             | 2                | 3                | 1%     | 4.40             |

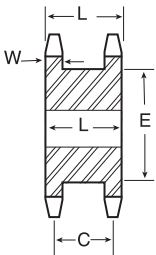
E-44

# Martin

## All Steel Stock Sprockets

# No. 50

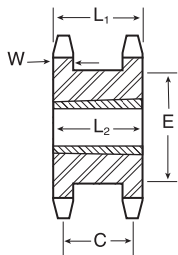
## 5/8" Pitch



**TYPE A**

### Double Single-Type A — Steel

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

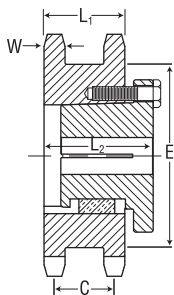


**TAPER BUSH  
TYPE A**

### Double Single-Taper Bushed — Steel

| No. Teeth | Catalog Number | Bushing Size | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions       |                  |                  |                |        | Wt.      |
|-----------|----------------|--------------|------------------|----------------|-----------|-----------|------|------------------|------------------|------------------|----------------|--------|----------|
|           |                |              | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub>   | C                | E                | L <sub>2</sub> | w Nom. | Rim Only |
| 16        | DS50ATB16H     | 1215         | 3.520            | 3.204          | ½         | 1⅝        | A    | 1⅞ <sub>52</sub> | 1⅞ <sub>16</sub> | 2⅜ <sub>64</sub> | 1½             | .343   | 3.0      |
| 17        | DS50ATB17H     | 1615         | 3.720            | 3.401          | ½         | 1⅝        | A    | 1⅞ <sub>52</sub> | 1⅞ <sub>16</sub> | 2⅞ <sub>16</sub> | 1½             | .343   | 1.8      |
| 18        | DS50ATB18H     | 1615         | 3.920            | 3.599          | ½         | 1⅝        | A    | 1⅞ <sub>52</sub> | 1⅞ <sub>16</sub> | 2⅞ <sub>64</sub> | 1½             | .343   | 2.2      |
| 19        | DS50ATB19H     | 1615         | 4.120            | 3.797          | ½         | 1⅝        | A    | 1⅞ <sub>52</sub> | 1⅞ <sub>16</sub> | 3⅞ <sub>64</sub> | 1½             | .343   | 2.7      |
| 20        | DS50ATB20H     | 1615         | 4.320            | 3.995          | ½         | 1⅝        | A    | 1⅞ <sub>52</sub> | 1⅞ <sub>16</sub> | 3⅞ <sub>52</sub> | 1½             | .343   | 5.0      |
| 21        | DS50ATB21H     | 2012         | 4.520            | 4.194          | ½         | 2         | A    | 1⅞ <sub>52</sub> | 1⅞ <sub>16</sub> | 3⅞ <sub>64</sub> | 1¼             | .343   | 3.3      |
| 23        | DS50ATB23H     | 2012         | 4.920            | 4.590          | ½         | 2         | A    | 1⅞ <sub>52</sub> | 1⅞ <sub>16</sub> | 3⅞ <sub>64</sub> | 1¼             | .343   | 3.7      |
| 24        | DS50ATB24H     | 2012         | 5.120            | 4.788          | ½         | 2         | A    | 1⅞ <sub>52</sub> | 1⅞ <sub>16</sub> | 4⅞ <sub>64</sub> | 1¼             | .343   | 4.1      |

Sprockets with "H" suffix have hardened teeth.



**MST  
TYPE B**

### Double Single- MST® — Steel

| No. Teeth | Catalog Number | Bushing Size | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions                     |                                |                                |                                |        | Wt.      |
|-----------|----------------|--------------|------------------|----------------|-----------|-----------|------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------|----------|
|           |                |              | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub>                 | C                              | E                              | L <sub>2</sub>                 | w Nom. | Rim Only |
| 17        | DS50H17H       | H            | 3.720            | 3.401          | %         | 1½        | BH   | 1 <sup>7</sup> / <sub>32</sub> | 1 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>3</sup> / <sub>32</sub> | .343   | 2.3      |
| 19        | DS50P19H       | P1           | 4.120            | 3.797          | ½         | 1¾        | B    | 1 <sup>7</sup> / <sub>32</sub> | 1 <sup>1</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>32</sub> | .343   | 2.8      |
| 21        | DS50P21H       | P1           | 4.520            | 4.194          | ½         | 1¾        | B    | 1 <sup>7</sup> / <sub>32</sub> | 1 <sup>1</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>32</sub> | .343   | 3.8      |
| 23        | DS50P23H       | P1           | 4.920            | 4.590          | ½         | 1¾        | B    | 1 <sup>7</sup> / <sub>32</sub> | 1 <sup>1</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>32</sub> | .343   | 4.6      |
| 24        | DS50P24H       | P1           | 5.120            | 4.788          | ½         | 1¾        | B    | 1 <sup>7</sup> / <sub>32</sub> | 1 <sup>1</sup> / <sub>16</sub> | 4 <sup>3</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>32</sub> | .343   | 5.0      |

Sprockets with "H" suffix have hardened teeth.

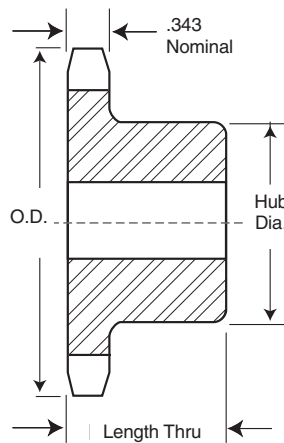
No. 50  
5/8" Pitch

# Stainless Steel Stock Sprockets

*Martin*



STAINLESS STEEL



TYPE B

## Alteration Charges

See current discount sheet for alteration charges.

## Single-Type B — Stainless

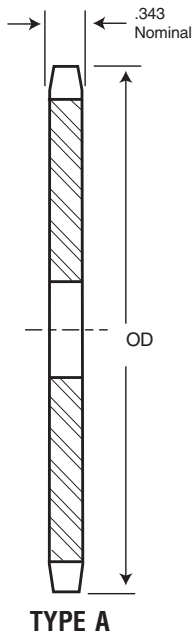
## Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) | Type | Catalog Number | Stock Bore | Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|------|----------------|------------|----------------|
|           |                |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |      |                |            |                |
| 10        | 50B10SS        | 2.300            | B    | 5/8           | 7/8       | 1 1/16*      | 1           | .5                    |      |                |            |                |
| 11        | 50B11SS        | 2.500            | B    | 5/8           | 1         | 1 1/8*       | 1           | .6                    |      |                |            |                |
| 12        | 50B12SS        | 2.710            | B    | 5/8           | 1 1/4     | 1 3/16*      | 1           | .7                    |      |                |            |                |
| 13        | 50B13SS        | 2.910            | B    | 5/8           | 1 1/2     | 1 1/2        | 1           | .8                    |      |                |            |                |
| 14        | 50B14SS        | 3.110            | B    | 5/8           | 1 5/8     | 2 1/8        | 1           | 1.0                   |      |                |            |                |
| 15        | 50B15SS        | 3.320            | B    | 5/8           | 1 3/4     | 2 1/4        | 1           | 1.3                   |      |                |            |                |
| 16        | 50B16SS        | 3.520            | B    | 5/8           | 1 7/8     | 2 3/8        | 1           | 1.5                   |      |                |            |                |
| 17        | 50B17SS        | 3.720            | B    | 5/8           | 2         | 2 1/2        | 1           | 1.8                   |      |                |            |                |
| 18        | 50B18SS        | 3.920            | B    | 5/8           | 2 1/8     | 2 3/4        | 1           | 2.0                   |      |                |            |                |
| 19        | 50B19SS        | 4.120            | B    | 5/8           | 2 1/4     | 3            | 1           | 2.3                   |      |                |            |                |
| 20        | 50B20SS        | 4.320            | B    | 5/8           | 2 3/8     | 3 1/8        | 1           | 2.5                   |      |                |            |                |
| 21        | 50B21SS        | 4.520            | B    | 5/8           | 2 1/2     | 3 1/4        | 1           | 2.7                   | A    | 50A21SS        | 2 3/32     | 1.4            |
| 22        | 50B22SS        | 4.720            | B    | 5/8           | 2 3/4     | 3 3/8        | 1           | 3.3                   | A    | 50A22SS        | 2 3/32     | 1.6            |
| 23        | 50B23SS        | 4.920            | B    | 5/8           | 2 7/8     | 3 7/8        | 1           | 3.8                   | A    | 50A23SS        | 2 3/32     | 1.7            |
| 24        | 50B24SS        | 5.120            | B    | 5/8           | 3         | 4            | 1 1/4       | 4.1                   | A    | 50A24SS        | 2 3/32     | 1.8            |
| 25        | 50B25SS        | 5.320            | B    | 5/8           | 3 1/8     | 4 1/8        | 1 1/4       | 4.3                   | A    | 50A25SS        | 2 3/32     | 1.9            |
| 26        | 50B26SS        | 5.520            | B    | 5/8           | 3 1/4     | 4 3/8        | 1 1/4       | 4.6                   | A    | 50A26SS        | 2 3/32     | 1.7            |
| 28        | 50B28SS        | 5.920            | B    | 5/8           | 3 3/8     | 4 7/8        | 1 1/4       | 5.0                   | A    | 50A28SS        | 2 3/32     | 2.5            |
| 30        | 50B30SS        | 6.320            | B    | 5/8           | 3 1/2     | 5 1/8        | 1 1/4       | 5.2                   | A    | 50A30SS        | 2 3/32     | 2.7            |
| 35        | 50B35SS        | 7.320            | B    | 5/8           | 4 1/4     | 6 3/8        | 1 1/4       | 6.5                   | A    | 50A35SS        | 2 3/32     | 3.7            |
| 40        | 50B40SS        | 8.320            | B    | 5/8           | 5 1/4     | 7 3/8        | 1 1/4       | 7.8                   | A    | 50A40SS        | 2 3/32     | 4.7            |
| 45        | 50B45SS        | 9.310            | B    | 5/8           | 6 1/4     | 8 3/8        | 1 1/4       | 8.5                   | A    | 50A45SS        | 2 3/32     | 6.0            |
| 60        | 50B60SS        | 12.300           | B    | 1             | 8 1/2     | 11 3/8       | 1 1/4       | 14.0                  | A    | 50A60SS        | 1 5/16     | 10.8           |

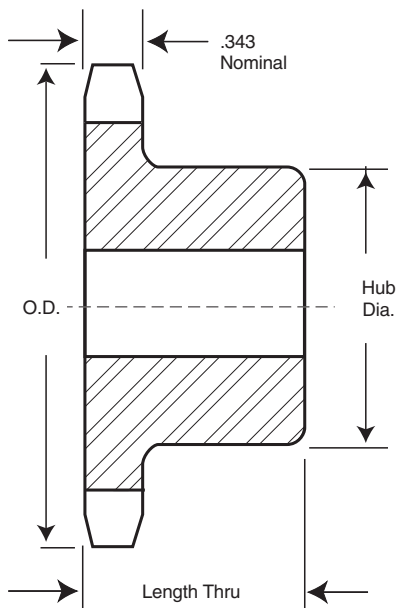
\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

Sprockets altered at factory (rebored with keyway and setscrew added) will be supplied with stainless setscrew.



TYPE A



TYPE B

### Alteration Charges

See current discount sheet for alteration charges.

### Single-Type B

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |      |                |            |                       |
| 8         | 50B8           | 1.880            | B    | 5/8           | 5/8       | 1 1/8*       | 1           | .25                   |      |                |            |                       |
| 9         | 50B9           | 2.090            | B    | 5/8           | 5/8       | 1 1/8*       | 1           | .36                   |      |                |            |                       |
| 10        | 50B10          | 2.300            | B    | 5/8           | 5/8       | 1 1/8*       | 1           | .48                   |      |                |            |                       |
| 11        | 50B11          | 2.500            | B    | 5/8           | 1         | 1 1/8*       | 1           | .64                   |      |                |            |                       |
| 12        | 50B12          | 2.710            | B    | 5/8           | 1 1/8     | 1 1/8*       | 1           | .83                   | A    | 50A12          | 5/8        | .34                   |
| 13        | 50B13          | 2.910            | B    | 5/8           | 1 1/8     | 1 1/8        | 1           | .88                   | A    | 50A13          | 5/8        | .42                   |
| 14        | 50B14          | 3.110            | B    | 5/8           | 1 1/8     | 2 1/8        | 1           | 1.13                  | A    | 50A14          | 5/8        | .50                   |
| 15        | 50B15          | 3.320            | B    | 5/8           | 1 1/2     | 2 1/8        | 1           | 1.34                  | A    | 50A15          | 5/8        | .54                   |
| 16        | 50B16          | 3.520            | B    | 5/8           | 1 1/2     | 2 1/8        | 1           | 1.51                  | A    | 50A16          | 5/8        | .68                   |
| 17        | 50B17          | 3.720            | B    | 5/8           | 1 1/2     | 2 1/8        | 1           | 1.74                  | A    | 50A17          | 5/8        | .76                   |
| 18        | 50B18          | 3.920            | B    | 5/8           | 1 1/2     | 2 1/8        | 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    | 5/8           | 2         | 3            | 1           | 2.28                  | A    | 50A20          | 3/4        | 1.06                  |
| 21        | 50B21          | 4.520            | B    | 5/8           | 2         | 3            | 1           | 2.40                  | A    | 50A21          | 3/4        | 1.12                  |
| 22        | 50B22          | 4.720            | B    | 5/8           | 2         | 3            | 1           | 2.56                  | A    | 50A22          | 3/4        | 1.30                  |
| 23        | 50B23          | 4.920            | B    | 5/8           | 2         | 3            | 1           | 2.66                  | A    | 50A23          | 3/4        | 1.44                  |
| 24        | 50B24          | 5.120            | B    | 5/8           | 2         | 3            | 1 1/4       | 3.30                  | A    | 50A24          | 23/32      | 1.50                  |
| 25        | 50B25          | 5.320            | B    | 5/8           | 2         | 3            | 1 1/4       | 3.40                  | A    | 50A25          | 23/32      | 1.62                  |
| 26        | 50B26          | 5.520            | B    | 5/8           | 2         | 3            | 1 1/4       | 3.44                  | A    | 50A26          | 23/32      | 1.72                  |
| 27        | 50B27          | 5.720            | B    | 5/8           | 2         | 3            | 1 1/4       | 3.74                  | A    | 50A27          | 23/32      | 1.96                  |
| 28        | 50B28          | 5.920            | B    | 5/8           | 2         | 3            | 1 1/4       | 3.80                  | A    | 50A28          | 23/32      | 2.04                  |
| 29        | 50B29          | 6.120            | B    | 5/8           | 2         | 3            | 1 1/4       | 4.06                  | A    | 50A29          | 23/32      | 2.36                  |
| 30        | 50B30          | 6.320            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 4.56                  | A    | 50A30          | 23/32      | 2.54                  |
| 31        | 50B31          | 6.520            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 4.74                  | A    | 50A31          | 23/32      | 2.80                  |
| 32        | 50B32          | 6.720            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 4.96                  | A    | 50A32          | 23/32      | 2.72                  |
| 33        | 50B33          | 6.920            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 5.20                  | A    | 50A33          | 23/32      | 3.14                  |
| 34        | 50B34          | 7.120            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 5.14                  | A    | 50A34          | 23/32      | 3.20                  |
| 35        | 50B35          | 7.320            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 5.44                  | A    | 50A35          | 23/32      | 3.34                  |
| 36        | 50B36          | 7.520            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 5.64                  | A    | 50A36          | 23/32      | 3.82                  |
| 37        | 50B37          | 7.720            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 5.90                  | A    | 50A37          | 23/32      | 3.98                  |
| 38        | 50B38          | 7.920            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 6.08                  | A    | 50A38          | 23/32      | 4.14                  |
| 39        | 50B39          | 8.120            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 6.30                  | A    | 50A39          | 23/32      | 4.42                  |
| 40        | 50B40          | 8.320            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 6.50                  | A    | 50A40          | 23/32      | 4.46                  |
| 41        | 50B41          | 8.520            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 6.64                  | A    | 50A41          | 23/32      | 4.86                  |
| 42        | 50B42          | 8.720            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 6.96                  | A    | 50A42          | 23/32      | 4.98                  |
| 43        | 50B43          | 8.910            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 7.06                  | A    | 50A43          | 23/32      | 5.24                  |
| 44        | 50B44          | 9.110            | B    | 5/8           | 2 1/4     | 3 1/4        | 1 1/4       | 7.58                  | A    | 50A44          | 23/32      | 5.42                  |
| 45        | 50B45          | 9.310            | B    | 5/8           | 2 1/2     | 3 1/4        | 1 1/4       | 8.58                  | A    | 50A45          | 23/32      | 5.92                  |
| 46        | 50B46          | 9.510            | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 8.22                  | A    | 50A46          | 15/16      | 6.42                  |
| 47        | 50B47          | 9.710            | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 8.48                  | A    | 50A47          | 15/16      | 6.50                  |
| 48        | 50B48          | 9.910            | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 9.28                  | A    | 50A48          | 15/16      | 6.58                  |
| 49        | 50B49          | 10.110           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 9.22                  | A    | 50A49          | 15/16      | 7.06                  |
| 50        | 50B50          | 10.310           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 9.88                  | A    | 50A50          | 15/16      | 7.10                  |
| 51        | 50B51          | 10.510           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 9.70                  | A    | 50A51          | 15/16      | 7.32                  |
| 52        | 50B52          | 10.710           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 10.24                 | A    | 50A52          | 15/16      | 7.98                  |
| 53        | 50B53          | 10.910           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 10.48                 | A    | 50A53          | 15/16      | 8.08                  |
| 54        | 50B54          | 11.110           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 11.00                 | A    | 50A54          | 15/16      | 8.30                  |
| 55        | 50B55          | 11.310           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 10.93                 | A    | 50A55          | 15/16      | 8.56                  |
| 56        | 50B56          | 11.500           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 11.50                 | A    | 50A56          | 15/16      | 8.90                  |
| 57        | 50B57          | 11.700           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 12.00                 | A    | 50A57          | 15/16      | 9.38                  |
| 58        | 50B58          | 11.900           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 11.82                 | A    | 50A58          | 15/16      | 10.30                 |
| 59        | 50B59          | 12.100           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 12.32                 | A    | 50A59          | 15/16      | 10.50                 |
| 60        | 50B60          | 12.300           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 13.00                 | A    | 50A60          | 15/16      | 10.80                 |
| 70        | 50B70          | 14.290           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 18.16                 | A    | 50A70          | 15/16      | 14.00                 |
| 72        | 50B72          | 14.690           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 19.48                 | A    | 50A72          | 15/16      | 15.24                 |
| 76        | 50B76          | 15.486           | B    | 1             | 2 1/2     | 3 1/4        | 1 1/4       | 21.00                 | A    | 50A76          | 15/16      | 20.08                 |
| 80        | 50B80          | 16.280           | B    | 1             | 2 3/4     | 4 1/4        | 1 1/4       | 24.74                 | A    | 50A80          | 15/16      | 21.00                 |
| 84        | 50B84          | 17.080           | B    | 1             | 2 3/4     | 4 1/4        | 1 1/4       | 25.50                 | A    | 50A84          | 15/16      | 22.08                 |
| 95        | 50B95          | 19.270           | B    | 1             | 2 3/4     | 4 1/4        | 1 1/4       | 32.00                 | A    | 50A95          | 15/16      | 27.00                 |
| 96        | 50B96          | 19.470           | B    | 1             | 2 3/4     | 4 1/4        | 1 1/4       | 32.92                 | A    | 50A96          | 15/16      | 27.40                 |
| 112       | 50B112         | 22.650           | B    | 1             | 2 3/4     | 4 1/4        | 1 1/4       | 42.00                 | A    | 50A112         | 15/16      | 37.70                 |

\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

# No. 50

## 5/8" Pitch

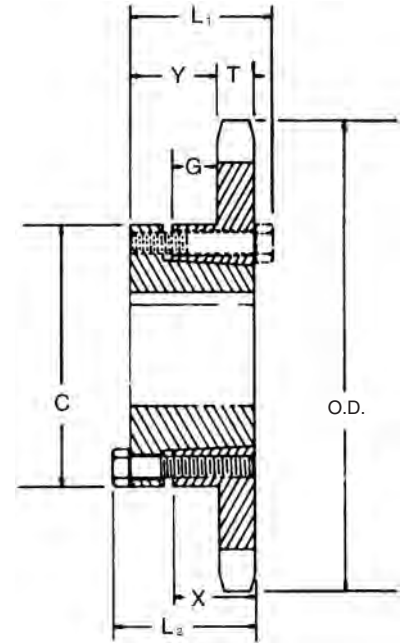
# All Steel Stock Sprockets

# Martin

## Single-Type QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 12        | 50JA12H        |
| 13        | 50JA13H        |
| 14        | 50JA14H        |
| 15        | 50JA15H        |
| 16        | 50JA16H        |
| 17        | 50SH17H        |
| 18        | 50SH18H        |
| 19        | 50SH19H        |
| 20        | 50SDS20H       |
| 21        | 50SDS21H       |
| 22        | 50SDS22H       |
| 23        | 50SDS23H       |
| 24        | 50SDS24H       |
| 25        | 50SDS25H       |
| 26        | 50SDS26H       |
| 27        | 50SDS27H       |
| 28        | 50SDS28H       |
| 30        | 50SDS30H       |

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QD — TYPE B

## Single-Type QD

| No. Teeth | Catalog Number | Bush-<br>ing | Diameters           |                   | Type | Max.<br>Bore | Dimensions     |                |        |         |        |       |      | Weight (Approx.) |             |
|-----------|----------------|--------------|---------------------|-------------------|------|--------------|----------------|----------------|--------|---------|--------|-------|------|------------------|-------------|
|           |                |              | Outside<br>Diameter | Pitch<br>Diameter |      |              | L <sub>1</sub> | L <sub>2</sub> | C      | Y       | G      | X     | T    | With<br>Hub      | Rim<br>Only |
| 12        | 50JA12         | JA           | 2.710               | 2.415             | B    | 1 1/4        | 1 1/8          | 1 1/8          | 2 1/16 | 2 1/32  | 3/32   | 3/16  | .343 | 1.24             | .34         |
| 13        | 50JA13         | JA           | 2.910               | 2.612             | B    |              |                |                |        |         |        |       |      | 1.30             | .40         |
| 14        | 50JA14         | JA           | 3.110               | 2.803             | B    |              |                |                |        |         |        |       |      | 1.45             | .52         |
| 15        | 50JA15         | JA           | 3.320               | 3.006             | B    |              |                |                |        |         |        |       |      | 1.50             | .60         |
| 16        | 50JA16         | JA           | 3.520               | 3.204             | B    | 1 1/4        | 1 1/8          | 1 1/8          | 2 1/16 | 2 1/32  | 3/32   | 3/16  | .343 | 1.58             | .68         |
| 17        | 50SH17         | SH           | 3.720               | 3.401             | B    | 1 1/2        | 1 1/8          | 1 1/8          | 2 1/16 | 2 1/32  | 15/32  | 13/16 | .343 | 1.84             | .84         |
| 18        | 50SH18         | SH           | 3.920               | 3.599             | B    | 1 1/2        | 1 1/8          | 1 1/8          | 2 1/16 | 2 1/32  | 15/32  | 13/16 | .343 | 2.04             | 1.04        |
| 19        | 50SH19         | SH           | 4.120               | 3.797             | B    | 1 1/2        | 1 1/8          | 1 1/8          | 2 1/16 | 2 1/32  | 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 1/16 | 3 1/32  | 13/32  | 3/4   | .343 | 2.20             | 1.20        |
| 21        | 50SDS21        | SDS          | 4.520               | 4.194             | B    |              |                |                |        |         |        |       |      | 2.32             | 1.32        |
| 22        | 50SDS22        | SDS          | 4.720               | 4.392             | B    |              |                |                |        |         |        |       |      | 2.48             | 1.42        |
| 23        | 50SDS23        | SDS          | 4.920               | 4.590             | B    |              |                |                |        |         |        |       |      | 2.58             | 1.58        |
| 24        | 50SDS24        | SDS          | 5.120               | 4.788             | B    |              |                |                |        |         |        |       |      | 2.70             | 1.70        |
| 25        | 50SDS25        | SDS          | 5.320               | 4.987             | B    |              |                |                |        |         |        |       |      | 2.86             | 1.86        |
| 26        | 50SDS26        | SDS          | 5.520               | 5.185             | B    |              |                |                |        |         |        |       |      | 3.00             | 2.00        |
| 27        | 50SDS27        | SDS          | 5.720               | 5.384             | B    |              |                |                |        |         |        |       |      | 3.12             | 2.12        |
| 28        | 50SDS28        | SDS          | 5.920               | 5.582             | B    |              |                |                |        |         |        |       |      | 3.32             | 2.32        |
| 30        | 50SDS30        | SDS          | 6.320               | 5.979             | B    |              |                |                |        |         |        |       |      | 3.64             | 2.64        |
| 32        | 50SDS32        | SDS          | 6.720               | 6.376             | B    |              |                |                |        |         |        |       |      | 3.98             | 2.98        |
| 35        | 50SDS35        | SDS          | 7.320               | 6.972             | B    |              |                |                |        |         |        |       |      | 4.62             | 3.62        |
| 36        | 50SDS36        | SDS          | 7.520               | 7.171             | B    |              |                |                |        |         |        |       |      | 4.64             | 3.64        |
| 40        | 50SDS40        | SDS          | 8.320               | 7.966             | B    |              |                |                |        |         |        |       |      | 5.74             | 4.74        |
| 42        | 50SDS42        | SDS          | 8.720               | 8.363             | B    |              |                |                |        |         |        |       |      | 6.40             | 5.40        |
| 45        | 50SDS45        | SDS          | 9.310               | 8.960             | B    |              |                |                |        |         |        |       |      | 6.90             | 5.90        |
| 48        | 50SDS48        | SDS          | 9.910               | 9.556             | B    | 2            | 1 1/2          | 1 1/2          | 3 1/16 | 3 1/32  | 13/32  | 3/4   | .343 | 7.66             | 6.66        |
| 54        | 50SK54         | SK           | 11.110              | 10.749            | B    | 2 1/2        | 2 1/4          | 2 1/4          | 3 3/8  | 1 17/32 | 2 1/32 | 1 1/4 | .343 | 11.68            | 9.68        |
| 60        | 50SK60         | SK           | 12.300              | 11.942            | B    |              |                |                |        |         |        |       |      | 13.88            | 11.88       |
| 70        | 50SK70         | SK           | 14.290              | 13.931            | B    |              |                |                |        |         |        |       |      | 17.52            | 15.52       |
| 72        | 50SK72         | SK           | 14.690              | 14.329            | B    | 2 3/4        | 2 1/2          | 2 1/2          | 3 3/8  | 1 17/32 | 2 1/32 | 1 1/4 | .343 | 18.44            | 16.44       |
| 80        | 50SF80         | SF           | 16.280              | 15.920            | B    | 2 15/16      | 2 3/4          | 2 3/4          | 4 1/8  | 1 21/32 | 2 1/32 | 1 1/4 | .343 | 22.90            | 19.90       |
| 84        | 50SF84         | SF           | 17.080              | 16.715            | B    |              |                |                |        |         |        |       |      | 25.98            | 22.98       |
| 96        | 50SF96         | SF           | 19.470              | 19.102            | B    |              |                |                |        |         |        |       |      | 32.88            | 29.88       |
| 112       | 50SF112        | SF           | 22.650              | 22.285            | B    | 2 15/16      | 2 3/4          | 2 3/4          | 4 3/8  | 1 21/32 | 2 1/32 | 1 1/4 | .343 | 43.10            | 40.10       |



# Martin

## All Steel Stock Sprockets

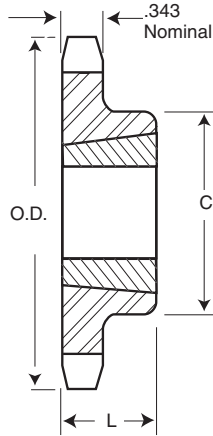
# No. 50

## 5/8" Pitch

### Single-Taper Bushed with Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 12        | 50BTB12H       |
| 13        | 50BTB13H       |
| 14        | 50BTB14H       |
| 15        | 50BTB15H       |
| 16        | 50BTB16H       |
| 17        | 50BTB17H       |
| 18        | 50BTB18H       |
| 19        | 50BTB19H       |
| 20        | 50BTB20H       |
| 21        | 50BTB21H       |
| 22        | 50BTB22H       |
| 23        | 50BTB23H       |
| 24        | 50BTB24H       |
| 25        | 50BTB25H       |
| 26        | 50BTB26H       |
| 27        | 50BTB27H       |
| 28        | 50BTB28H       |
| 30        | 50BTB30H       |

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T<sup>®</sup>**



TYPE B



SPROCKETS

### Single-Taper Bushed

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

★ Has recessed groove in hub for chain clearance.

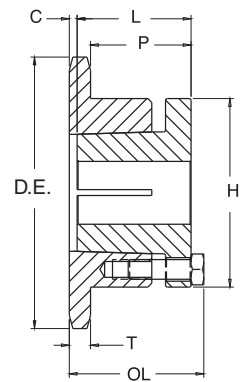
# No. 50 5/8" Pitch

## MST® Sprockets

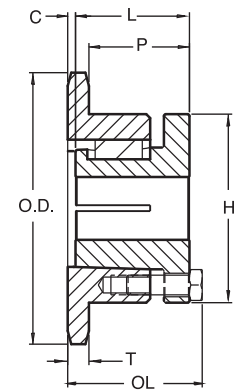
# Martin

### Single - MST® Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |         |      |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|---------|------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C    | H     | P       | T(nom) | With Hub         | Rim Only |
| 13        | 50H13H         | H        | 2.910        | 2.612      | 3    | 1 1/2     | 1 21/32    | 1 1/4   | 7/32 | 2 1/2 | 1 1/8   | .343   | 1.4              | .6       |
| 14        | 50H14H         | H        | 3.110        | 2.809      | 3    | 1 1/2     | 1 19/32    | 1 1/4   | 5/32 | 2 1/2 | 1 1/16  | .343   | 1.4              | .6       |
| 15        | 50H15H         | H        | 3.320        | 3.006      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 1.6              | .8       |
| 15        | 50P15H         | P1       | 3.320        | 3.006      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 2.4              | 1.1      |
| 16        | 50H16H         | H        | 3.520        | 3.204      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 1.7              | .9       |
| 16        | 50P16H         | P1       | 3.520        | 3.204      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 2.7              | 1.4      |
| 17        | 50H17H         | H        | 3.720        | 3.401      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 1.8              | 1.0      |
| 17        | 50P17H         | P1       | 3.720        | 3.401      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 2.7              | 1.4      |
| 18        | 50H18H         | H        | 3.920        | 3.599      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 1.9              | 1.1      |
| 18        | 50P18H         | P1       | 3.920        | 3.599      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 3.1              | 1.8      |
| 19        | 50H19H         | H        | 4.120        | 3.797      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 2.1              | 1.3      |
| 19        | 50P19H         | P1       | 4.120        | 3.797      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 3.1              | 1.8      |
| 20        | 50H20H         | H        | 4.320        | 3.995      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 2.3              | 1.5      |
| 20        | 50P20H         | P1       | 4.320        | 3.995      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 3.3              | 2.0      |
| 21        | 50H21H         | H        | 4.520        | 4.194      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 2.2              | 1.4      |
| 21        | 50P21H         | P1       | 4.520        | 4.194      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 3.4              | 2.1      |
| 22        | 50H22H         | H        | 4.720        | 4.392      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 2.3              | 1.5      |
| 22        | 50P22H         | P1       | 4.720        | 4.392      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 3.5              | 2.2      |
| 23        | 50H23H         | H        | 4.920        | 4.590      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 2.5              | 1.7      |
| 23        | 50P23H         | P1       | 4.920        | 4.590      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 3.7              | 2.4      |
| 23        | 50Q23H         | Q1       | 4.920        | 4.590      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 6.7              | 3.2      |
| 24        | 50H24H         | H        | 5.120        | 4.788      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 2.6              | 1.8      |
| 24        | 50P24H         | P1       | 5.120        | 4.788      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 3.9              | 2.6      |
| 24        | 50Q24H         | Q1       | 5.120        | 4.788      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 7.0              | 3.5      |
| 25        | 50H25H         | H        | 5.320        | 4.987      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 2.7              | 1.9      |
| 25        | 50P25H         | P1       | 5.320        | 4.987      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 4.0              | 2.7      |
| 25        | 50Q25H         | Q1       | 5.320        | 4.987      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 7.1              | 3.6      |
| 26        | 50H26H         | H        | 5.520        | 5.185      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 2.8              | 2.0      |
| 26        | 50P26H         | P1       | 5.520        | 5.185      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 4.1              | 2.8      |
| 26        | 50Q26H         | Q1       | 5.520        | 5.185      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 7.2              | 3.7      |
| 27        | 50H27H         | H        | 5.720        | 5.384      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 3.0              | 2.2      |
| 27        | 50P27H         | P1       | 5.720        | 5.384      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 4.2              | 2.9      |
| 27        | 50Q27H         | Q1       | 5.720        | 5.384      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 7.3              | 3.8      |
| 28        | 50H28H         | H        | 5.920        | 5.582      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 3.3              | 2.5      |
| 28        | 50P28H         | P1       | 5.920        | 5.582      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 4.3              | 3.0      |
| 28        | 50Q28H         | Q1       | 5.920        | 5.582      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 7.5              | 4.0      |
| 29        | 50P29H         | P1       | 6.120        | 5.781      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 4.7              | 3.4      |
| 30        | 50H30H         | H        | 6.320        | 5.979      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 3.7              | 2.9      |
| 30        | 50P30H         | P1       | 6.320        | 5.979      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 4.9              | 3.6      |
| 30        | 50Q30H         | Q1       | 6.320        | 5.979      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 9.1              | 5.6      |
| 31        | 50P31          | P1       | 6.520        | 6.178      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 4.9              | 3.6      |
| 32        | 50H32H         | H        | 6.720        | 6.376      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 4.0              | 3.2      |
| 32        | 50P32          | P1       | 6.720        | 6.376      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 5.2              | 3.9      |
| 32        | 50Q32          | Q1       | 6.720        | 6.376      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 9.6              | 6.1      |
| 33        | 50H33H         | H        | 6.920        | 6.575      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 4.2              | 3.4      |
| 33        | 50P33          | P1       | 6.920        | 6.575      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 5.4              | 4.1      |
| 34        | 50H34H         | H        | 7.120        | 6.774      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 4.5              | 3.7      |
| 34        | 50P34          | P1       | 7.120        | 6.774      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 5.6              | 4.3      |
| 35        | 50H35H         | H        | 7.320        | 6.972      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 4.6              | 3.8      |
| 35        | 50P35          | P1       | 7.320        | 6.972      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 5.6              | 4.3      |
| 35        | 50Q35          | Q1       | 7.320        | 6.972      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 10.3             | 6.8      |
| 36        | 50H36H         | H        | 7.520        | 7.171      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 4.8              | 4.0      |
| 36        | 50P36          | P1       | 7.520        | 7.171      | 4    | 1 3/4     | 2 3/16     | 1 15/16 | 0    | 3     | 1 19/32 | .343   | 6.1              | 4.8      |
| 36        | 50Q36          | Q1       | 7.520        | 7.171      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 10.3             | 6.8      |
| 37        | 50Q37          | Q1       | 7.720        | 7.370      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 10.5             | 7.0      |
| 38        | 50H38H         | H        | 7.920        | 7.569      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 5.2              | 4.4      |
| 38        | 50Q38          | Q1       | 7.920        | 7.569      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 10.9             | 7.4      |
| 39        | 50Q39          | Q1       | 8.120        | 7.767      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 11.1             | 7.6      |
| 40        | 50H40H         | H        | 8.320        | 7.966      | 3    | 1 1/2     | 1 1/2      | 1 1/4   | 1/16 | 2 1/2 | 31/32   | .343   | 5.6              | 4.8      |
| 40        | 50Q40          | Q1       | 8.320        | 7.966      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 11.5             | 8.0      |
| 41        | 50Q41          | Q1       | 8.520        | 8.165      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 11.7             | 8.2      |
| 42        | 50Q42          | Q1       | 8.720        | 8.363      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 11.8             | 8.3      |
| 44        | 50Q44          | Q1       | 9.110        | 8.761      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 12.1             | 8.6      |
| 45        | 50Q45          | Q1       | 9.310        | 8.960      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 12.5             | 9.0      |
| 47        | 50Q47          | Q1       | 9.710        | 9.357      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 12.8             | 9.3      |
| 48        | 50Q48          | Q1       | 9.910        | 9.556      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 13.1             | 9.6      |
| 50        | 50Q50          | Q1       | 10.310       | 9.954      | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 13.3             | 9.8      |
| 54        | 50Q54          | Q1       | 11.110       | 10.749     | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 14.8             | 11.3     |
| 56        | 50Q56          | Q1       | 11.500       | 11.147     | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 15.8             | 12.3     |
| 60        | 50Q60          | Q1       | 12.300       | 11.942     | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 16.8             | 13.3     |
| 70        | 50Q70          | Q1       | 14.290       | 13.931     | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 20.4             | 16.9     |
| 72        | 50Q72          | Q1       | 14.690       | 14.329     | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 21.6             | 18.1     |
| 80        | 50Q80          | Q1       | 16.280       | 15.920     | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 24.6             | 21.1     |
| 84        | 50Q84          | Q1       | 17.080       | 16.715     | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 27.8             | 24.3     |
| 96        | 50Q96          | Q1       | 19.470       | 19.102     | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 33.3             | 29.8     |
| 112       | 50Q112         | Q1       | 22.650       | 22.285     | 4    | 2 11/16   | 2 25/32    | 2 1/2   | 0    | 4 1/8 | 2 5/32  | .343   | 42.8             | 39.3     |



TIPO 3



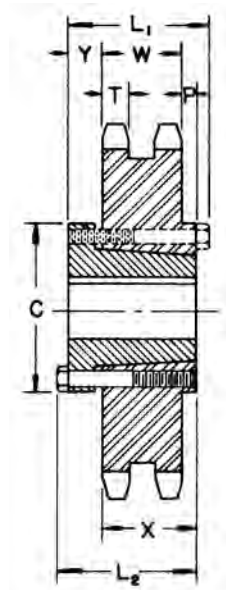
TYPE 4

SPROCKETS

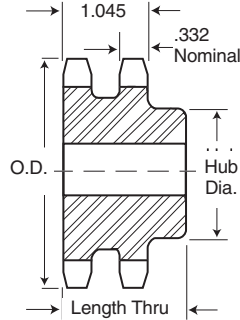
# Martin

## All Steel Stock Sprockets

## No. 50-2 5/8" Pitch



QD — TYPE C



TYPE B

### Alteration Charges

See current discount sheet for alteration charges.

## Double-Type B

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 11        | D50B11H        | 2.500            | B    | 5/8           | 15/16     | 1 1/32       | 1 1/4       | .96                   |
| 12        | D50B12H        | 2.710            | B    | 5/8           | 1 1/8     | 1 1/8        | 1 1/4       | 1.25                  |
| 13        | D50B13H        | 2.910            | B    | 5/8           | 1 1/8     | 1 1/8        | 1 1/4       | 1.56                  |
| 14        | D50B14H        | 3.110            | B    | 5/8           | 1 1/8     | 2 1/16       | 1 1/4       | 1.86                  |
| 15        | D50B15H        | 3.320            | B    | 3/4           | 1 1/2     | 2 1/8        | 1 1/4       | 2.22                  |
| 16        | D50B16H        | 3.520            | B    | 3/4           | 1 1/2     | 2 1/8        | 1 1/4       | 2.62                  |
| 17        | D50B17H        | 3.720            | B    | 3/4           | 1 1/2     | 2 1/8        | 1 1/4       | 3.04                  |
| 18        | D50B18H        | 3.920            | B    | 3/4           | 1 15/16   | 2 1/8        | 1 1/4       | 3.58                  |
| 19        | D50B19H        | 4.120            | B    | 1             | 2 1/8     | 3 1/8        | 1 1/4       | 3.90                  |
| 20        | D50B20H        | 4.320            | B    | 1             | 2 1/8     | 3 1/8        | 1 1/4       | 4.26                  |
| 21        | D50B21H        | 4.520            | B    | 1             | 2 1/8     | 3 1/8        | 1 1/4       | 4.90                  |
| 22        | D50B22H        | 4.720            | B    | 1             | 2 1/8     | 3 1/8        | 1 1/4       | 5.58                  |
| 23        | D50B23H        | 4.920            | B    | 1             | 2 1/8     | 3 1/8        | 1 1/4       | 6.10                  |
| 24        | D50B24H        | 5.120            | B    | 1             | 2 1/8     | 3 1/8        | 1 1/4       | 6.50                  |
| 25        | D50B25H        | 5.320            | B    | 1             | 2 1/8     | 3 1/8        | 1 1/4       | 6.94                  |
| 26        | D50B26         | 5.520            | B    | 1             | 2 1/8     | 3 1/8        | 1 1/4       | 7.54                  |
| 30        | D50B30         | 6.320            | B    | 1             | 2 1/2     | 3 3/8        | 1 1/4       | 9.40                  |
| 32        | D50B32         | 6.720            | B    | 1             | 2 1/2     | 3 3/8        | 1 1/4       | 10.46                 |
| 35        | D50B35         | 7.320            | B    | 1             | 2 1/2     | 3 3/8        | 1 1/4       | 12.28                 |
| 36        | D50B36         | 7.520            | B    | 1 1/16        | 2 3/4     | 4            | 2 1/4       | 13.94                 |
| 40        | D50B40         | 8.320            | B    | 1 1/8         | 2 3/4     | 4            | 2 1/4       | 16.54                 |
| 42        | D50B42         | 8.720            | B    | 1 1/8         | 2 3/4     | 4            | 2 1/4       | 17.92                 |
| 45        | D50B45         | 9.310            | B    | 1 1/8         | 2 3/4     | 4            | 2 1/4       | 20.30                 |
| 48        | D50B48         | 9.910            | B    | 1 1/8         | 2 3/4     | 4 1/4        | 2 1/4       | 24.08                 |
| 52        | D50B52         | 10.710           | B    | 1 1/8         | 2 3/4     | 4 1/4        | 2 1/4       | 27.42                 |
| 54        | D50B54         | 11.110           | B    | 1 1/8         | 2 3/4     | 4 1/4        | 2 1/4       | 29.16                 |
| 60        | D50B60         | 12.300           | B    | 1 1/8         | 3         | 4 1/2        | 2 1/4       | 35.88                 |
| 68        | D50B68         | 13.890           | B    | 1 1/8         | 3         | 4 1/2        | 2 1/4       | 44.98                 |
| 72        | D50B72         | 14.690           | B    | 1 1/8         | 3         | 4 1/2        | 2 1/4       | 50.22                 |
| 76        | D50B76         | 15.490           | B    | 1 1/8         | 3         | 4 1/2        | 2 1/4       | 45.64                 |
| 84        | D50B84         | 17.080           | B    | 1 1/8         | 3         | 4 1/2        | 2 1/4       | 51.64                 |
| 95        | D50B95         | 19.270           | B    | 1 1/8         | 3         | 4 1/2        | 2 1/4       | 64.32                 |
| 96        | D50B96         | 19.470           | B    | 1 1/8         | 3         | 4 1/2        | 2 1/4       | 67.42                 |
| 102       | D50B102        | 20.660           | B    | 1 1/8         | 3         | 4 1/2        | 2 1/4       | 72.68                 |
| 112       | D50B112        | 22.650           | B    | 1 1/8         | 3 3/8     | 5 1/4        | 2 1/4       | 90.22                 |

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

NOTE: Double 50 stock sprockets with 25 teeth or less have hardened teeth. As indicated by H suffix.

## Double-Type QD

| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |       |     |       |       |      |       | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|-----------|----------------|----------------|-------|-----|-------|-------|------|-------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C     | Y   | P     | X     | T    | W     | With Hub         | Rim Only |
| 36        | D50SK36        | SK       | 7.520            | 7.171          | C    | 2 1/8     | 2 1/8          | 2 1/8          | 3 3/8 | 5/8 | 13/64 | 1 1/4 | .332 | 1.045 | 11.08            | 9.08     |
| 42        | D50SK42        | SK       | 8.720            | 8.363          | C    | 2 1/8     | 2 1/8          | 2 1/8          | 3 3/8 | 5/8 | 13/64 | 1 1/4 | .332 | 1.045 | 15.16            | 13.16    |
| 48        | D50SK48        | SK       | 9.910            | 9.556          | C    | 2 1/8     | 2 1/8          | 2 1/8          | 3 3/8 | 5/8 | 13/64 | 1 1/4 | .332 | 1.045 | 19.90            | 17.90    |
| 52        | D50SF52        | SF       | 10.710           | 10.351         | C    | 2 15/16   | 2 1/4          | 2 1/4          | 4 1/8 | 3/4 | 13/64 | 1 1/4 | .332 | 1.045 | 24.26            | 21.26    |
| 54        | D50SF54        | SF       | 11.110           | 10.749         | C    |           |                |                |       |     |       |       |      |       | 26.18            | 23.18    |
| 60        | D50SF60        | SF       | 12.300           | 11.942         | C    |           |                |                |       |     |       |       |      |       | 32.12            | 29.12    |
| 68        | D50SF68        | SF       | 13.890           | 13.533         | C    |           |                |                |       |     |       |       |      |       | 41.16            | 38.16    |
| 72        | D50SF72        | SF       | 14.690           | 14.329         | C    |           |                |                |       |     |       |       |      |       | 46.28            | 43.26    |
| 76        | D50SF76        | SF       | 15.490           | 15.124         | C    |           |                |                |       |     |       |       |      |       | 47.00            | 44.00    |
| 84        | D50SF84        | SF       | 17.080           | 16.715         | C    |           |                |                |       |     |       |       |      |       | 48.89            | 45.88    |
| 95        | D50SF95        | SF       | 19.270           | 18.903         | C    |           |                |                |       |     |       |       |      |       | 61.80            | 58.88    |
| 102       | D50SF102       | SF       | 20.660           | 20.295         | C    |           |                |                |       |     |       |       |      |       | 69.02            | 66.02    |
| 112       | D50SF112       | SF       | 22.650           | 22.285         | C    | 2 15/16   | 2 1/4          | 2 1/4          | 4 1/8 | 3/4 | 13/64 | 1 1/4 | .332 | 1.045 | 88.26            | 85.26    |

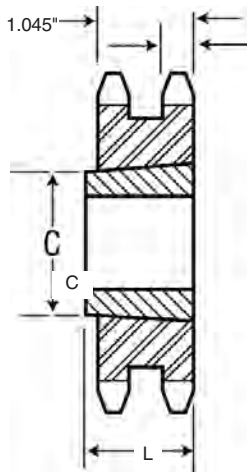
SPROCKETS

# No. 50-2

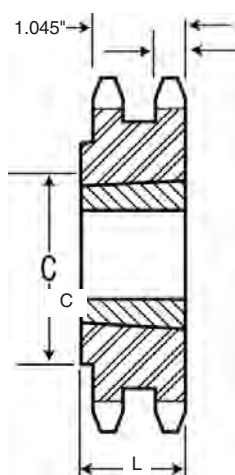
## 5/8" Pitch

# All Steel Stock Sprockets

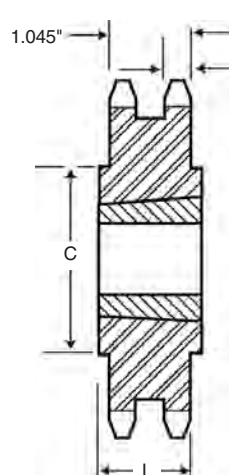
*Martin*



TYPE A



TYPE B



TYPE C



SPROCKETS

## Double-Taper Bushed

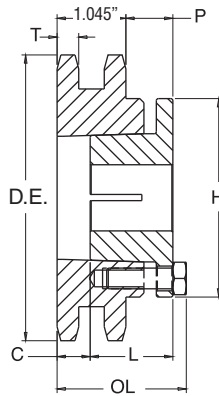
| No. Teeth | Catalog Number | Bushing | Diameter         |                | Max. Bore | Dimensions |       | Type | Weight (Approx.) |              |
|-----------|----------------|---------|------------------|----------------|-----------|------------|-------|------|------------------|--------------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C     |      | Rim Only         | Bushing Only |
| 14        | D50ATB14H      | 1008    | 3.113            | 2.809          | 1         | 7/8        |       | A    | .8               | .3           |
| 15        | D50ATB15H      | 1210    | 3.315            | 3.006          | 1 1/4     | 1          |       | A    | .9               | .6           |
| 16        | D50ATB16H      | 1210    | 3.517            | 3.204          | 1 1/4     | 1          |       | A    | 1.1              | .6           |
| 17        | D50ATB17H      | 1610    | 3.719            | 3.410          | 1 1/2     | 1          |       | A    | 1.1              | .6           |
| 18        | D50ATB18H      | 1610    | 3.920            | 3.599          | 1 1/2     | 1          |       | A    | 1.3              | .9           |
| 19        | D50ATB19H      | 1610    | 4.120            | 3.797          | 1 1/2     | 1          |       | A    | 1.6              | .9           |
| 20        | D50BTB20H      | 2012    | 4.321            | 3.995          | 2         | 1 1/4      | 3 3/4 | B    | 1.5              | 1.7          |
| 21        | D50BTB21H      | 2012    | 4.522            | 4.193          | 2         | 1 1/4      | 3 1/2 | B    | 1.9              | 1.7          |
| 25        | D50BTB25H      | 2012    | 5.322            | 4.987          | 2         | 1 1/4      | 4 1/2 | B    | 3.8              | 1.7          |
| 30        | D50BTB30       | 2517    | 6.321            | 5.979          | 2 1/2     | 1 1/4      | 5 1/2 | B    | 7.5              | 3.5          |
| 36        | D50CTB36       | 2517    | 7.519            | 7.171          | 2 1/2     | 1 1/4      | 4 1/4 | C    | 9.4              | 3.5          |
| 42        | D50CTB42       | 2517    | 8.715            | 8.363          | 2 1/2     | 1 1/4      | 4 1/4 | C    | 13.4             | 3.5          |
| 48        | D50CTB48       | 2517    | 9.911            | 9.556          | 2 1/2     | 1 1/4      | 4 1/4 | C    | 18.6             | 3.5          |
| 52        | D50CTB52       | 2517    | 10.707           | 10.351         | 2 1/2     | 1 1/4      | 4 1/4 | C    | 22.2             | 3.5          |
| 60        | D50CTB60       | 2517    | 12.301           | 11.942         | 2 1/2     | 1 1/4      | 4 1/4 | C    | 30.3             | 3.5          |
| 68        | D50CTB68       | 2517    | 13.893           | 13.533         | 2 1/2     | 1 1/4      | 4 1/4 | C    | 39.4             | 3.5          |
| 76        | D50CTB76       | 2517    | 15.486           | 15.124         | 2 1/2     | 1 1/4      | 4 1/4 | C    | 41.2             | 3.5          |
| 84        | D50CTB84       | 2517    | 17.079           | 16.715         | 2 1/2     | 1 1/4      | 4 1/4 | C    | 45.3             | 3.5          |
| 95        | D50CTB95       | 2517    | 19.267           | 18.903         | 2 1/2     | 1 1/4      | 4 1/4 | C    | 58.8             | 3.5          |
| 102       | D50CTB102      | 2517    | 20.661           | 20.295         | 2 1/2     | 1 1/4      | 4 1/4 | C    | 67.1             | 3.5          |

NOTE: Double 50 stock sprockets with 25 teeth or less have hardened teeth.  
As indicated by H suffix.

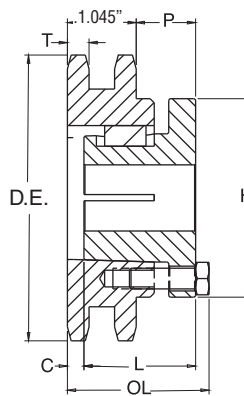
# Martin

## MST® Sprockets

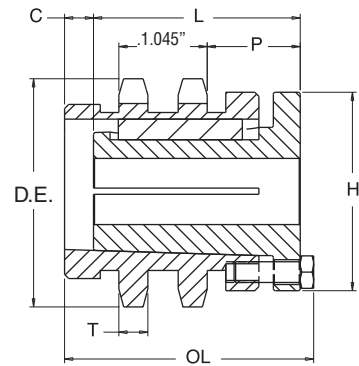
## No. 50-2 5/8" Pitch



TIPO 11



TIPO 12



TIPO 16

### Double - MST® Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |         |       |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|---------|-------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C     | H     | P       | T(nom) | With Hub         | Rim Only |
| 14        | D50H14H        | H        | 3.110        | 2.809      | 11   | 1-1/2     | 2 5/16     | 1-1/4   | 7/8   | 2-1/2 | 1-3/32  | .332   | 2.0              | 1.2      |
| 15        | D50P15H        | P1       | 3.320        | 3.006      | 16   | 1-3/4     | 3 7/16     | 1-15/16 | 1-1/4 | 3     | 1-13/32 | .332   | 3.3              | 2.0      |
| 16        | D50P16H        | P1       | 3.520        | 3.204      | 12   | 1-3/4     | 2-11/16    | 1-15/16 | 1/2   | 3     | 1-13/32 | .332   | 2.9              | 1.6      |
| 17        | D50P17H        | P1       | 3.720        | 3.401      | 12   | 1-3/4     | 2-11/16    | 1-15/16 | 1/2   | 3     | 1-13/32 | .332   | 3.4              | 2.1      |
| 18        | D50P18H        | P1       | 3.920        | 3.599      | 12   | 1-3/4     | 2-11/16    | 1-15/16 | 1/2   | 3     | 1-13/32 | .332   | 3.8              | 2.5      |
| 19        | D50P19H        | P1       | 4.120        | 3.797      | 12   | 1-3/4     | 2-3/16     | 1-15/16 | 0     | 3     | 29/32   | .332   | 3.3              | 2.0      |
| 20        | D50P20H        | P1       | 4.320        | 3.995      | 12   | 1-3/4     | 2-3/16     | 1-15/16 | 0     | 3     | 29/32   | .332   | 3.8              | 2.5      |
| 21        | D50P21H        | P1       | 4.520        | 4.194      | 12   | 1-3/4     | 2-3/16     | 1-15/16 | 0     | 3     | 29/32   | .332   | 4.1              | 2.8      |
| 22        | D50P22H        | P1       | 4.720        | 4.392      | 12   | 1-3/4     | 2-3/16     | 1-15/16 | 0     | 3     | 29/32   | .332   | 4.5              | 3.2      |
| 23        | D50P23H        | P1       | 4.920        | 4.590      | 12   | 1-3/4     | 2-3/16     | 1-15/16 | 0     | 3     | 29/32   | .332   | 4.9              | 3.6      |
| 24        | D50Q24H        | Q1       | 5.120        | 4.788      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 7.5              | 4.0      |
| 25        | D50Q25H        | Q1       | 5.320        | 4.987      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 8.0              | 4.5      |
| 26        | D50Q26H        | Q1       | 5.520        | 5.185      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 8.8              | 5.3      |
| 27        | D50Q27H        | Q1       | 5.720        | 5.384      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 9.4              | 5.9      |
| 28        | D50Q28H        | Q1       | 5.920        | 5.582      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 9.8              | 6.3      |
| 30        | D50Q30H        | Q1       | 6.320        | 5.979      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 11.0             | 7.5      |
| 32        | D50Q32H        | Q1       | 6.720        | 6.376      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 12.0             | 8.5      |
| 35        | D50Q35H        | Q1       | 7.320        | 6.972      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 13.9             | 10.4     |
| 36        | D50Q36H        | Q1       | 7.520        | 7.171      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 14.5             | 11.0     |
| 40        | D50Q40H        | Q1       | 8.320        | 7.966      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 17.1             | 13.6     |
| 42        | D50Q42H        | Q1       | 8.720        | 8.363      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 18.5             | 15.0     |
| 45        | D50Q45H        | Q1       | 9.310        | 8.960      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 21.0             | 17.5     |
| 48        | D50Q48H        | Q1       | 9.910        | 9.556      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 23.9             | 20.4     |
| 52        | D50Q52         | Q1       | 10.710       | 10.351     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 26.8             | 23.3     |
| 54        | D50Q54         | Q1       | 11.110       | 10.749     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 26.8             | 23.3     |
| 60        | D50Q60         | Q1       | 12.300       | 11.942     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 29.0             | 25.5     |
| 72        | D50Q72         | Q1       | 14.690       | 14.329     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 46.6             | 43.1     |
| 76        | D50Q76         | Q1       | 15.490       | 15.124     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 49.5             | 46.0     |
| 84        | D50Q84         | Q1       | 17.080       | 16.715     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-15/32 | .332   | 60.2             | 56.7     |
| 95        | D50R95         | R1       | 19.270       | 18.903     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 2-3/32  | .332   | 79.8             | 72.3     |
| 96        | D50R96         | R1       | 19.470       | 19.102     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 2-3/32  | .332   | 88.2             | 80.7     |
| 102       | D50R102        | R1       | 20.660       | 20.295     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 2-3/32  | .332   | 92.0             | 84.5     |
| 112       | D50R112        | R1       | 22.650       | 22.285     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 2-3/32  | .332   | 100.7            | 93.2     |

Sprockets with "H" suffix have hardened teeth.

SPROCKETS



# No. 50-3

## 5/8" Pitch

# All Steel Stock Sprockets

*Martin*

## Triple-Type B & C

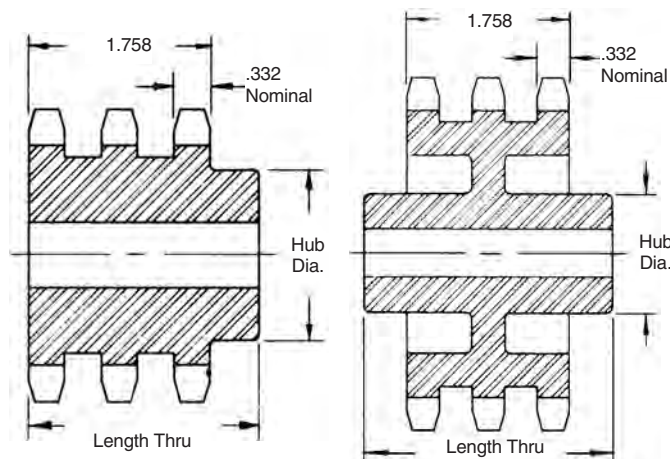
| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 11        | E50B11H        | 2.500            | B    | 5/8           | 1 1/8     | 1 1/2        | 2 1/2       | 1.42                  |
| 12        | E50B12H        | 2.710            | B    | 5/8           | 1 1/8     | 1 1/2        | 2 1/2       | 1.84                  |
| 13        | E50B13H        | 2.910            | B    | 5/8           | 1 1/8     | 1 1/2        | 2 1/2       | 2.28                  |
| 14        | E50B14H        | 3.110            | B    | 5/8           | 1 1/8     | 2 1/4        | 2 1/2       | 2.72                  |
| 15        | E50B15H        | 3.320            | B    | 3/4           | 1 1/2     | 2 1/4        | 2 1/2       | 3.24                  |
| 16        | E50B16H        | 3.520            | B    | 3/4           | 1 1/2     | 2 1/2        | 2 1/2       | 3.76                  |
| 17        | E50B17H        | 3.720            | B    | 3/4           | 1 1/2     | 2 1/4        | 2 1/2       | 4.38                  |
| 18        | E50B18H        | 3.920            | B    | 3/4           | 1 1/4     | 2 1/4        | 2 1/2       | 5.10                  |
| 19        | E50B19H        | 4.120            | B    | 1             | 2 1/2     | 3 1/2        | 2 1/2       | 5.60                  |
| 20        | E50B20H        | 4.320            | B    | 1             | 2 1/2     | 3 1/2        | 2 1/2       | 6.42                  |
| 21        | E50B21H        | 4.520            | B    | 1             | 2 3/4     | 3 1/2        | 2 1/2       | 7.42                  |
| 22        | E50B22H        | 4.720            | B    | 1             | 2 3/4     | 3 1/4        | 2 1/2       | 7.92                  |
| 23        | E50B23H        | 4.920            | B    | 1             | 2 1/2     | 3 3/4        | 2 1/2       | 8.80                  |
| 24        | E50B24H        | 5.120            | B    | 1             | 2 1/2     | 3 3/4        | 2 1/2       | 9.42                  |
| 25        | E50B25H        | 5.320            | B    | 1             | 2 1/2     | 3 3/4        | 2 1/2       | 10.16                 |
| 26        | E50B26         | 5.520            | B    | 1             | 2 1/2     | 3 3/4        | 2 1/2       | 11.02                 |
| 30        | E50B30         | 6.320            | B    | 1             | 2 1/2     | 3 3/4        | 2 1/2       | 14.24                 |
| 35        | E50B35         | 7.320            | B    | 1             | 2 1/2     | 3 3/4        | 2 1/2       | 18.96                 |
| 36        | E50B36         | 7.520            | B    | 1 1/8         | 2 3/4     | 4            | 2 1/2       | 20.60                 |
| 42        | E50B42         | 8.720            | B    | 1 1/8         | 2 3/4     | 4            | 2 1/2       | 27.46                 |
| 48        | E50B48         | 9.910            | B    | 1 1/8         | 2 3/4     | 4            | 3 1/2       | 36.64                 |
| 52        | E50B52         | 10.710           | B    | 1 1/8         | 2 3/4     | 4            | 3 1/2       | 42.54                 |
| 60        | E50B60         | 12.300           | B    | 1 1/8         | 3         | 4 1/2        | 3 1/2       | 56.84                 |
| 68        | E50B68         | 13.890           | B    | 1 1/8         | 3         | 4 1/2        | 3 1/2       | 73.21                 |
| 72        | E50C72         | 14.690           | C    | 1 1/8         | 3         | 4 3/4        | 3 1/2       | 54.40                 |
| 76        | E50C76         | 15.490           | C    | 1 1/8         | 3         | 4 3/4        | 3 1/2       | 51.20                 |
| 84        | E50C84         | 17.080           | C    | 1 1/8         | 3         | 4 3/4        | 3 1/2       | 65.32                 |
| 95        | E50C95         | 19.270           | C    | 1 1/8         | 3         | 4 3/4        | 3 3/4       | 74.42                 |
| 102       | E50C102        | 20.660           | C    | 1 1/8         | 3         | 4 3/4        | 3 3/4       | 79.94                 |

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

NOTE: Triple 50 stock sprockets with 25 teeth or less have Hardened Teeth. As indicated by H suffix.

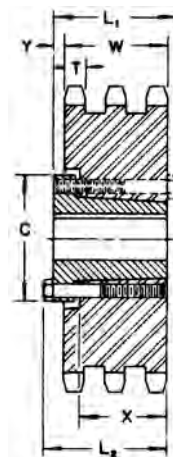
### Alteration Charges

See current discount sheet for alteration charges.



TYPE B

TYPE C



QD — TYPE B

NOTE: Triple 50 stock sprockets with 25 teeth or less have hardened teeth.

## Triple-Type QD

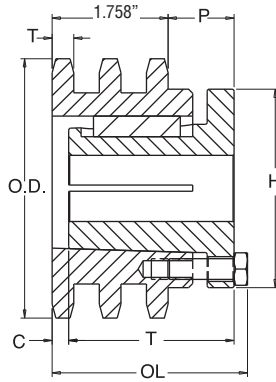
| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |       |     |     |       |      |       | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|-----------|----------------|----------------|-------|-----|-----|-------|------|-------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C     | Y   | V   | X     | T    | W     | With Hub         | Rim Only |
| 36        | E50SK36        | SK       | 7.520            | 7.171          | B    | 2 1/2     | 2 1/2          | 2 1/2          | 3 3/4 | 1/8 |     | 1 1/4 | .332 | 1.758 | 14.8             | 12.8     |
| 42        | E50SK42        | SK       | 8.720            | 8.363          | B    | 2 1/2     | 2 1/2          | 2 1/2          | 3 3/4 | 1/8 |     | 1 1/4 | .332 | 1.758 | 21.5             | 19.5     |
| 48        | E50SK48        | SK       | 9.910            | 9.556          | B    | 2 1/2     | 2 1/2          | 2 1/2          | 3 3/4 | 1/8 |     | 1 1/4 | .332 | 1.758 | 29.6             | 27.6     |
| 52        | E50SF52        | SF       | 10.710           | 10.351         | B    | 2 1/4     | 2 1/4          | 2 1/4          | 4     | 1/4 |     | 1 1/4 | .332 | 1.758 | 31.6             | 28.6     |
| 60        | E50SF60        | SF       | 12.300           | 11.942         | B    |           |                |                |       |     |     |       |      |       | 42.1             | 39.1     |
| 68        | E50SF68        | SF       | 13.890           | 13.533         | B    |           |                |                |       |     |     |       |      |       | 53.8             | 50.8     |
| 72        | E50SF72        | SF       | 14.690           | 14.329         | B    |           |                |                |       |     | 1/2 |       |      |       | 46.6             | 43.6     |
| 76        | E50SF76        | SF       | 15.490           | 15.124         | B    |           |                |                |       |     |     |       |      |       | 49.9             | 46.9     |
| 84        | E50SF84        | SF       | 17.080           | 16.715         | B    |           |                |                |       |     |     |       |      |       | 53.9             | 50.9     |
| 95        | E50SF95        | SF       | 19.270           | 18.903         | B    |           |                |                |       |     |     |       |      |       | 62.3             | 59.3     |
| 102       | E50SF102       | SF       | 20.660           | 20.295         | B    | 2 1/4     | 2 1/4          | 2 1/4          | 4     | 1/4 | 1/2 | 1 1/4 | .332 | 1.758 | 69.3             | 66.3     |



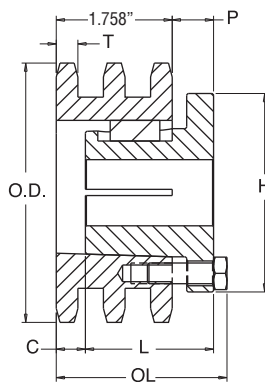
# Martin

## MST® Sprockets

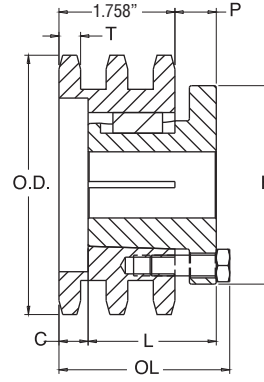
## No. 50-3 5/8" Pitch



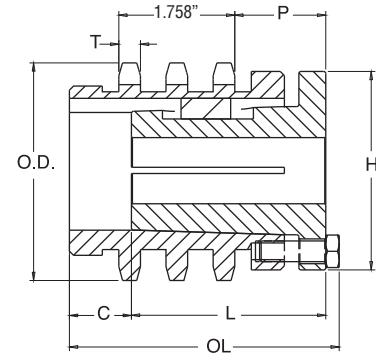
TYPE 22



TYPE 23



TYPE 24



TYPE 27

### Triple - MST® Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |         |       |       |       |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|---------|-------|-------|-------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C     | H     | P     | T(nom) | With Hub         | Rim Only |
| 15        | E50P15H        | P2       | 3.320        | 3.006      | 27   | 1-3/4     | 4-1/8      | 2-15/16 | 15/16 | 3     | 1-3/8 | .332   | 4.0              | 2.5      |
| 16        | E50P16H        | P2       | 3.520        | 3.204      | 22   | 1-3/4     | 3 3/8      | 2-15/16 | 3/16  | 3     | 1-3/8 | .332   | 3.9              | 2.4      |
| 17        | E50P17H        | P2       | 3.720        | 3.401      | 22   | 1-3/4     | 3 3/8      | 2-15/16 | 3/16  | 3     | 1-3/8 | .332   | 4.3              | 2.8      |
| 18        | E50P18H        | P2       | 3.920        | 3.599      | 22   | 1-3/4     | 3 3/8      | 2-15/16 | 3/16  | 3     | 1-3/8 | .332   | 4.9              | 3.4      |
| 19        | E50P19H        | P1       | 4.120        | 3.797      | 24   | 1-3/4     | 2-5/8      | 1-15/16 | 7/16  | 3     | 5/8   | .332   | 4.2              | 2.9      |
| 20        | E50P20H        | P1       | 4.320        | 3.995      | 24   | 1-3/4     | 2-5/8      | 1-15/16 | 7/16  | 3     | 5/8   | .332   | 4.4              | 3.1      |
| 21        | E50P21H        | P1       | 4.520        | 4.194      | 24   | 1-3/4     | 2-5/8      | 1-15/16 | 7/16  | 3     | 5/8   | .332   | 4.8              | 3.5      |
| 23        | E50P23H        | P1       | 4.920        | 4.590      | 24   | 1-3/4     | 2-5/8      | 1-15/16 | 7/16  | 3     | 5/8   | .332   | 5.8              | 4.5      |
| 24        | E50Q24H        | Q1       | 5.120        | 4.788      | 23   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 3/4   | .332   | 8.2              | 4.7      |
| 25        | E50Q25H        | Q1       | 5.320        | 4.987      | 23   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 3/4   | .332   | 8.5              | 5.0      |
| 26        | E50Q26H        | Q1       | 5.520        | 5.185      | 23   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 3/4   | .332   | 9.4              | 5.9      |
| 28        | E50Q28H        | Q1       | 5.920        | 5.582      | 23   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 3/4   | .332   | 10.8             | 7.3      |
| 30        | E50Q30H        | Q1       | 6.320        | 5.979      | 23   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 3/4   | .332   | 12.3             | 8.8      |
| 32        | E50Q32H        | Q1       | 6.720        | 6.376      | 23   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 3/4   | .332   | 14.4             | 10.9     |
| 35        | E50Q35H        | Q1       | 7.320        | 6.972      | 23   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 3/4   | .332   | 17.2             | 13.7     |
| 36        | E50Q36H        | Q1       | 7.520        | 7.171      | 23   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 3/4   | .332   | 18.1             | 14.6     |
| 40        | E50Q40H        | Q1       | 8.320        | 7.966      | 23   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 3/4   | .332   | 22.6             | 19.1     |
| 42        | E50Q42H        | Q1       | 8.720        | 8.363      | 23   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 3/4   | .332   | 25.0             | 21.5     |
| 48        | E50Q48H        | Q1       | 9.910        | 9.556      | 23   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 3/4   | .332   | 33.1             | 29.6     |
| 52        | E50Q52         | Q1       | 10.710       | 10.351     | 23   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 3/4   | .332   | 39.9             | 36.4     |
| 60        | E50R60         | R1       | 12.300       | 11.942     | 22   | 3-3/4     | 2-5/32     | 2-7/8   | 0     | 5-3/8 | 1-1/8 | .332   | 55.5             | 48.0     |
| 68        | E50R68         | R1       | 13.890       | 13.533     | 22   | 3-3/4     | 2-5/32     | 2-7/8   | 0     | 5-3/8 | 1-1/8 | .332   | 71.0             | 63.5     |
| 72        | E50R72         | R1       | 14.690       | 14.329     | 22   | 3-3/4     | 2-5/32     | 2-7/8   | 0     | 5-3/8 | 1-1/8 | .332   | 79.5             | 72.0     |
| 76        | E50R76         | R1       | 15.490       | 15.124     | 22   | 3-3/4     | 2-5/32     | 2-7/8   | 0     | 5-3/8 | 1-1/8 | .332   | 88.5             | 81.0     |
| 84        | E50R84         | R1       | 17.080       | 16.715     | 22   | 3-3/4     | 2-5/32     | 2-7/8   | 0     | 5-3/8 | 1-1/8 | .332   | 107.5            | 100.0    |
| 95        | E50R95         | R1       | 19.270       | 18.903     | 22   | 3-3/4     | 2-5/32     | 2-7/8   | 0     | 5-3/8 | 1-1/8 | .332   | 137.5            | 130.0    |
| 102       | E50R102        | R1       | 20.660       | 20.295     | 22   | 3-3/4     | 2-5/32     | 2-7/8   | 0     | 5-3/8 | 1-1/8 | .332   | 158.5            | 151.0    |

Sprockets with "H" suffix have hardened teeth.

SPROCKETS

No. 60  
3/4" Pitch

All Steel  
Stock Sprockets

Martin

## Single Type "BS"— 2 Setscrews — Bored-To-Size

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (Approx.) | Stock Finished Bores Includes Keyway and Setscrews                                            |
|-----------|----------------|------------------|------------------|-----------------------|-----------------------------------------------------------------------------------------------|
| 9         | 60BS9          | 2.510            | 1 1/4            | .6                    | 3/4 — 7/8 — 1                                                                                 |
| 10        | 60BS10         | 2.760            | 1 1/4            | .7                    | 3/4 — 7/8 — 1 — 1 1/4 — 1 1/8 — 1 1/4                                                         |
| 11        | 60BS11         | 3.000            | 1 1/4            | .9                    | 3/4 — 7/8 — 1 — 1 1/4 — 1 1/8 — 1 1/4                                                         |
| 11        | 60BS11W★       | 3.000            | 1 1/4            | .8                    | 1 1/4                                                                                         |
| 12        | 60BS12         | 3.250            | 1 1/4            | 1.3                   | 3/4 — 7/8 — 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4                                         |
| 12        | 60BS12W★       | 3.250            | 1 1/4            | 1.1                   | 1 1/4                                                                                         |
| 13        | 60BS13         | 3.490            | 1 1/4            | 1.3                   | 3/4 — 7/8 — 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2                                 |
| 14        | 60BS14         | 3.740            | 1 1/4            | 1.6                   | 3/4 — 7/8 — 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4                         |
| 15        | 60BS15         | 3.980            | 1 1/4            | 1.7                   | 3/4 — 7/8 — 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/4                 |
| 16        | 60BS16         | 4.220            | 1 1/4            | 2.1                   | 3/4 — 7/8 — 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/4 — 1 1/4         |
| 17        | 60BS17         | 4.460            | 1 1/4            | 2.4                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 18        | 60BS18         | 4.700            | 1 1/4            | 2.6                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 18        | 60BS18W★       | 4.700            | 1 1/4            | 2.6                   | 1 1/4                                                                                         |
| 19        | 60BS19         | 4.950            | 1 1/4            | 3.4                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 20        | 60BS20         | 5.190            | 1 1/4            | 3.9                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 21        | 60BS21         | 5.430            | 1 1/4            | 4.4                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 22        | 60BS22         | 5.670            | 1 1/4            | 4.7                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 23        | 60BS23         | 5.910            | 1 1/4            | 5.0                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 24        | 60BS24         | 6.150            | 1 1/4            | 5.3                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 25        | 60BS25         | 6.390            | 1 1/4            | 5.4                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 26        | 60BS26         | 6.630            | 1 1/4            | 5.8                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 27        | 60BS27         | 6.870            | 1 1/4            | 6.3                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 28        | 60BS28         | 7.110            | 1 1/4            | 6.4                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 29        | 60BS29         | 7.350            | 1 1/4            | 6.9                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 30        | 60BS30         | 7.590            | 1 1/4            | 7.1                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 31        | 60BS31         | 7.830            | 1 1/4            | 7.4                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 32        | 60BS32         | 8.070            | 1 1/4            | 7.8                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 33        | 60BS33         | 8.300            | 1 1/4            | 8.2                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 34        | 60BS34         | 8.540            | 1 1/4            | 8.5                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 35        | 60BS35         | 8.780            | 1 1/4            | 8.8                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4                     |
| 36        | 60BS36         | 9.020            | 1 1/4            | 9.2                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 37        | 60BS37         | 9.260            | 1 1/4            | 9.9                   | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 38        | 60BS38         | 9.500            | 1 1/4            | 10.5                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 39        | 60BS39         | 9.740            | 1 1/4            | 10.9                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 40        | 60BS40         | 9.980            | 1 1/4            | 11.2                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 41        | 60BS41         | 10.220           | 1 1/4            | 11.8                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 42        | 60BS42         | 10.460           | 1 1/4            | 12.4                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 43        | 60BS43         | 10.700           | 1 1/4            | 13.0                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 44        | 60BS44         | 10.940           | 1 1/4            | 13.5                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 45        | 60BS45         | 11.180           | 1 1/4            | 13.8                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 46        | 60BS46         | 11.420           | 1 1/4            | 14.1                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 47        | 60BS47         | 11.650           | 1 1/4            | 14.6                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 48        | 60BS48         | 11.890           | 1 1/4            | 15.4                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 49        | 60BS49         | 12.130           | 1 1/4            | 16.4                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 50        | 60BS50         | 12.370           | 1 1/4            | 17.3                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 51        | 60BS51         | 12.610           | 1 1/4            | 18.3                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 52        | 60BS52         | 12.850           | 1 1/4            | 19.3                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 53        | 60BS53         | 13.090           | 1 1/4            | 20.3                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 54        | 60BS54         | 13.330           | 1 1/4            | 21.0                  | 1 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8 |
| 55        | 60BS55         | 13.570           | 1 1/4            | 21.2                  | — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8                           |
| 56        | 60BS56         | 13.810           | 1 1/4            | 21.3                  | — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8                           |
| 57        | 60BS57         | 14.040           | 1 1/4            | 22.2                  | — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8                           |
| 58        | 60BS58         | 14.280           | 1 1/4            | 23.0                  | — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8                           |
| 59        | 60BS59         | 14.520           | 1 1/4            | 23.8                  | — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8                           |
| 60        | 60BS60         | 14.760           | 1 1/4            | 25.0                  | — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8                           |
| 70        | 60BS70         | 17.150           | 1 1/4            | 31.4                  | — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8                           |
| 72        | 60BS72         | 17.630           | 2                | 33.5                  | — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8                           |
| 80        | 60BS80         | 19.540           | 2                | 41.2                  | — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8                           |
| 84        | 60BS84         | 20.490           | 2                | 45.8                  | — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8                           |
| 96        | 60BS96         | 23.360           | 2 1/4            | 62.3                  | — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8                           |
| 112       | 60BS112        | 27.180           | 2 1/4            | 81.0                  | — 1 1/8 — 1 1/4 — 1 1/2 — 1 1/4 — 1 1/8 — 1 1/4 — 2 — 2 3/8 — 2 7/8                           |

Hub diameters vary to suit different bore sizes.

★ W = Winch Sprockets — KW 3/16 × 3/32 — One SS at 90°

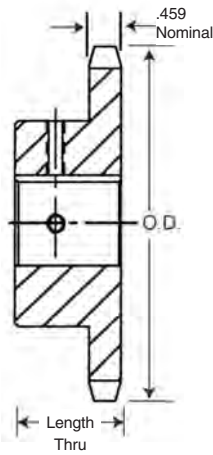
KEYWAY IS ON CENTER LINE OF TOOTH.

# Martin

## All Steel Stock Sprockets

# No. 60

## $\frac{3}{4}$ " Pitch



**TYPE BS**

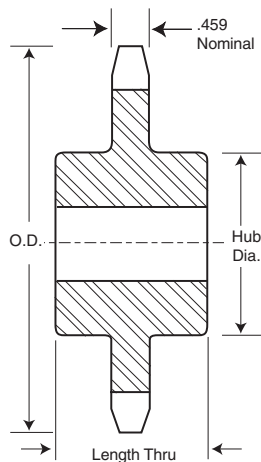


### No. 60-Hardened Teeth — 2 Setscrews

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (Approx.) | Stock Finished Bores Includes Keyway and Setscrews                                                                                                            |
|-----------|----------------|------------------|------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9         | 60BS9HT        | 2.51             | 1 $\frac{1}{4}$  | .6                    | $\frac{3}{4}$ — $\frac{7}{8}$ — 1                                                                                                                             |
| 10        | 60BS10HT       | 2.76             | 1 $\frac{1}{4}$  | .7                    | $\frac{3}{4}$ — $\frac{7}{8}$ — 1 — 1 $\frac{1}{8}$ — 1 $\frac{1}{4}$ — 1 $\frac{1}{2}$                                                                       |
| 11        | 60BS11HT       | 3.00             | 1 $\frac{1}{4}$  | .9                    | $\frac{3}{4}$ — $\frac{7}{8}$ — 1 — 1 $\frac{1}{8}$ — 1 $\frac{1}{4}$ — 1 $\frac{1}{2}$ — 1 $\frac{3}{4}$                                                     |
| 12        | 60BS12HT       | 3.25             | 1 $\frac{1}{4}$  | 1.3                   | $\frac{3}{4}$ — $\frac{7}{8}$ — 1 — 1 $\frac{1}{8}$ — 1 $\frac{1}{4}$ — 1 $\frac{1}{2}$ — 1 $\frac{3}{4}$ — 2                                                 |
| 13        | 60BS13HT       | 3.49             | 1 $\frac{1}{4}$  | 1.3                   | $\frac{3}{4}$ — $\frac{7}{8}$ — 1 — 1 $\frac{1}{8}$ — 1 $\frac{1}{4}$ — 1 $\frac{1}{2}$ — 1 $\frac{3}{4}$ — 2                                                 |
| 14        | 60BS14HT       | 3.74             | 1 $\frac{1}{4}$  | 1.6                   | $\frac{3}{4}$ — $\frac{7}{8}$ — 1 — 1 $\frac{1}{8}$ — 1 $\frac{1}{4}$ — 1 $\frac{1}{2}$ — 1 $\frac{3}{4}$ — 2 — 2 $\frac{1}{4}$                               |
| 15        | 60BS15HT       | 3.98             | 1 $\frac{1}{4}$  | 1.7                   | $\frac{3}{4}$ — $\frac{7}{8}$ — 1 — 1 $\frac{1}{8}$ — 1 $\frac{1}{4}$ — 1 $\frac{1}{2}$ — 1 $\frac{3}{4}$ — 2 — 2 $\frac{1}{4}$ — 2 $\frac{1}{2}$             |
| 16        | 60BS16HT       | 4.22             | 1 $\frac{1}{4}$  | 2.1                   | $\frac{3}{4}$ — $\frac{7}{8}$ — 1 — 1 $\frac{1}{8}$ — 1 $\frac{1}{4}$ — 1 $\frac{1}{2}$ — 1 $\frac{3}{4}$ — 2 — 2 $\frac{1}{4}$ — 2 $\frac{1}{2}$ — 3         |
| 17        | 60BS17HT       | 4.46             | 1 $\frac{1}{4}$  | 2.4                   | 1 — 1 $\frac{1}{8}$ — 1 $\frac{1}{4}$ — 1 $\frac{1}{2}$ — 1 $\frac{3}{4}$ — 2 — 2 $\frac{1}{4}$ — 2 $\frac{1}{2}$ — 3                                         |
| 18        | 60BS18HT       | 4.70             | 1 $\frac{1}{4}$  | 2.6                   | 1 — 1 $\frac{1}{8}$ — 1 $\frac{1}{4}$ — 1 $\frac{1}{2}$ — 1 $\frac{3}{4}$ — 2 — 2 $\frac{1}{4}$ — 2 $\frac{1}{2}$ — 3 — 3 $\frac{1}{2}$                       |
| 19        | 60BS19HT       | 4.95             | 1 $\frac{1}{4}$  | 3.4                   | 1 — 1 $\frac{1}{8}$ — 1 $\frac{1}{4}$ — 1 $\frac{1}{2}$ — 1 $\frac{3}{4}$ — 2 — 2 $\frac{1}{4}$ — 2 $\frac{1}{2}$ — 3 — 3 $\frac{1}{2}$ — 4                   |
| 20        | 60BS20HT       | 5.19             | 1 $\frac{1}{4}$  | 3.9                   | 1 — 1 $\frac{1}{8}$ — 1 $\frac{1}{4}$ — 1 $\frac{1}{2}$ — 1 $\frac{3}{4}$ — 2 — 2 $\frac{1}{4}$ — 2 $\frac{1}{2}$ — 3 — 3 $\frac{1}{2}$ — 4 — 4 $\frac{1}{2}$ |

KEYWAY IS ON CENTER LINE OF TOOTH.

*Martin* stock hardened teeth sprockets afford longer chain and sprocket life. Hardened teeth on the smaller sprocket of a roller chain drive are recommended if the drive ratio is four to one or greater or if the smaller sprocket has 24 teeth or less and is running at a speed of over 600 R.P.M.



**TYPE C**

### Single-Type C

| No. Teeth | Catalog Number | Outside Diameter | Bore (inches) |                 | Hub (inches)      |        | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|---------------|-----------------|-------------------|--------|-----------------------|
|           |                |                  | Stock         | Rec. Max.       | Diameter          | Length |                       |
| 12        | 60C12          | 3.250            | $\frac{3}{4}$ | 1 $\frac{3}{8}$ | 2 $\frac{3}{8}$ ★ | 2      | 2.25                  |
| 13        | 60C13          | 3.490            | $\frac{3}{4}$ | 1 $\frac{1}{2}$ | 2 $\frac{11}{32}$ | 2      | 2.75                  |
| 14        | 60C14          | 3.740            | $\frac{3}{4}$ | 1 $\frac{1}{4}$ | 2 $\frac{1}{8}$   | 2      | 3.19                  |
| 15        | 60C15          | 3.980            | $\frac{3}{4}$ | 1 $\frac{1}{8}$ | 2 $\frac{1}{4}$   | 2      | 3.10                  |
| 16        | 60C16          | 4.220            | $\frac{3}{4}$ | 2               | 3 $\frac{1}{8}$   | 2      | 4.19                  |
| 17        | 60C17          | 4.460            | $\frac{3}{4}$ | 2 $\frac{1}{4}$ | 3 $\frac{1}{4}$   | 2      | 4.81                  |
| 18        | 60C18          | 4.700            | $\frac{3}{4}$ | 2 $\frac{3}{4}$ | 3 $\frac{1}{2}$   | 2      | 5.62                  |

★ Has recessed groove in hub for chain clearance.

# No. 60

## 3/4" Pitch

# All Steel Stock Sprockets

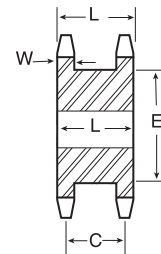
*Martin*



SPROCKETS

## Double Single-Type A — Steel

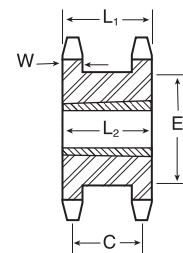
| No. Teeth | Catalog Number | Diameters        |                | Type | Min. Bore | Max. Bore | Dimensions |         |         |        | Wt. (Approx.) |
|-----------|----------------|------------------|----------------|------|-----------|-----------|------------|---------|---------|--------|---------------|
|           |                | Outside Diameter | Pitch Diameter |      |           |           | L          | C       | E       | w Nom. |               |
| 13        | DS60A13        | 3.490            | 3.134          | A    | 3/4       | 1 1/4     | 1 15/16    | 1 31/64 | 2 11/32 | .459   | 2.6           |
| 14        | DS60A14        | 3.740            | 3.371          | A    | 3/4       | 1 1/8     | 1 15/16    | 1 31/64 | 2 3/16  | .459   | 3.2           |
| 15        | DS60A15        | 3.980            | 3.607          | A    | 3/4       | 1 1/2     | 1 15/16    | 1 31/64 | 2 7/8   | .459   | 3.8           |
| 16        | DS60A16        | 4.220            | 3.844          | A    | 3/4       | 1 11/16   | 1 15/16    | 1 31/64 | 3 3/64  | .459   | 4.5           |
| 17        | DS60A17        | 4.460            | 4.082          | A    | 3/4       | 1 3/4     | 1 15/16    | 1 31/64 | 3 1/4   | .459   | 5.3           |
| 18        | DS60A18        | 4.700            | 4.319          | A    | 3/4       | 1 7/8     | 1 15/16    | 1 31/64 | 3 1/2   | .459   | 6.5           |
| 19        | DS60A19        | 4.950            | 4.557          | A    | 3/4       | 2 1/16    | 1 15/16    | 1 31/64 | 3 5/8   | .459   | 6.8           |
| 20        | DS60A20        | 5.190            | 4.794          | A    | 3/4       | 2 1/4     | 1 15/16    | 1 31/64 | 3 3/4   | .459   | 7.0           |
| 21        | DS60A21        | 5.430            | 5.032          | A    | 3/4       | 2 3/8     | 1 15/16    | 1 31/64 | 4 1/16  | .459   | 7.5           |
| 22        | DS60A22        | 5.670            | 5.270          | A    | 3/4       | 2 1/2     | 1 15/16    | 1 31/64 | 4 7/16  | .459   | 11.0          |
| 23        | DS60A23        | 5.910            | 5.508          | A    | 3/4       | 2 3/4     | 1 15/16    | 1 31/64 | 4 21/32 | .459   | 11.5          |
| 24        | DS60A24        | 6.150            | 5.749          | A    | 3/4       | 2 3/4     | 1 15/16    | 1 31/64 | 4 29/32 | .459   | 12.0          |



TYPE A

## Double Single-Taper Bushed — Steel

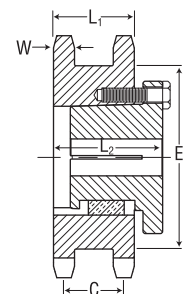
| No. Teeth | Catalog Number | Bushing Size | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions     |         |         |                |        | Wt. Rim Only |
|-----------|----------------|--------------|------------------|----------------|-----------|-----------|------|----------------|---------|---------|----------------|--------|--------------|
|           |                |              | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub> | C       | E       | L <sub>2</sub> | w Nom. |              |
| 16        | DS60ATB16H     | 1615         | 4.220            | 3.844          | 1/2       | 1 1/8     | A    | 1 15/16        | 1 31/64 | 2 63/64 | 1 1/2          | .459   | 4.5          |
| 17        | DS60ATB17H     | 1615         | 4.460            | 4.002          | 1/2       | 1 1/4     | A    | 1 15/16        | 1 31/64 | 3 1/32  | 1 1/2          | .459   | 4.5          |
| 18        | DS60ATB18H     | 2012         | 4.700            | 4.319          | 1/2       | 2         | A    | 1 15/16        | 1 31/64 | 3 15/32 | 1 1/4          | .459   | 5.0          |
| 19        | DS60ATB19H     | 2012         | 4.950            | 4.557          | 1/2       | 2         | A    | 1 15/16        | 1 31/64 | 3 5/8   | 1 1/4          | .459   | 5.8          |
| 20        | DS60ATB20H     | 2517         | 5.190            | 4.794          | 1/2       | 2 1/2     | A    | 1 15/16        | 1 31/64 | 3 31/64 | 1 3/4          | .459   | 5.6          |
| 21        | DS60ATB21H     | 2517         | 5.430            | 5.032          | 1/2       | 2 1/2     | A    | 1 15/16        | 1 31/64 | 4 1/16  | 1 3/4          | .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 | 1 3/4          | .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 | 1 3/4          | .459   | 8.2          |



TAPER BUSH  
TYPE A

## Double Single-MST® — Steel

| No. Teeth | Catalog Number | Bushing Size | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions     |         |         |                |        | Wt. Rim Only |
|-----------|----------------|--------------|------------------|----------------|-----------|-----------|------|----------------|---------|---------|----------------|--------|--------------|
|           |                |              | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub> | C       | E       | L <sub>2</sub> | w Nom. |              |
| 17        | DS60P17H       | P1           | 4.460            | 4.002          | 1/2       | 1 3/4     | B    | 1 15/16        | 1 31/64 | 3 7/32  | 1 15/16        | .459   | 3.9          |
| 19        | DS60P19H       | P1           | 4.950            | 4.557          | 1/2       | 1 3/4     | B    | 1 15/16        | 1 31/64 | 3 45/64 | 1 15/16        | .459   | 5.3          |
| 21        | DS60Q21H       | Q1           | 5.430            | 5.032          | 3/4       | 2 11/16   | B    | 1 15/16        | 1 31/64 | 4 1/16  | 2 1/2          | .459   | 5.4          |
| 22        | DS60Q22H       | Q1           | 5.670            | 5.270          | 3/4       | 2 11/16   | B    | 1 15/16        | 1 31/64 | 4 27/64 | 2 1/2          | .459   | 6.2          |
| 23        | DS60Q23H       | Q1           | 5.910            | 5.508          | 3/4       | 2 11/16   | B    | 1 15/16        | 1 31/64 | 4 43/64 | 2 1/2          | .459   | 6.9          |
| 24        | DS60Q24H       | Q1           | 6.150            | 5.746          | 3/4       | 2 11/16   | B    | 1 15/16        | 1 31/64 | 4 29/32 | 2 1/2          | .459   | 7.6          |



MST  
TYPE B



# Stainless Steel Stock Sprockets

No. 60  
3/4" Pitch

## Single-Type B — Stainless

## Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Appl.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|------|----------------|------------|---------------------|
|           |                |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |      |                |            |                     |
| 12        | 60B12SS        | 3.250            | B    | 3/4           | 1 1/8     | 2 3/8★       | 1 1/4       | 1.5                   |      |                |            |                     |
| 13        | 60B13SS        | 3.490            | B    | 3/4           | 1 1/2     | 2 1 1/2      | 1 1/4       | 1.8                   |      |                |            |                     |
| 14        | 60B14SS        | 3.740            | B    | 3/4           | 1 3/4     | 2 5/8        | 1 1/4       | 2.0                   |      |                |            |                     |
| 15        | 60B15SS        | 3.980            | B    | 3/4           | 1 7/8     | 2 3/4        | 1 1/4       | 2.4                   |      |                |            |                     |
| 16        | 60B16SS        | 4.220            | B    | 3/4           | 2         | 3 1/8        | 1 1/4       | 2.8                   |      |                |            |                     |
| 17        | 60B17SS        | 4.466            | B    | 3/4           | 2 1/4     | 3 1/4        | 1 1/4       | 3.3                   |      |                |            |                     |
| 18        | 60B18SS        | 4.700            | B    | 3/4           | 2 3/8     | 3 3/8        | 1 1/4       | 3.8                   |      |                |            |                     |
| 19        | 60B19SS        | 4.950            | B    | 3/4           | 2 3/4     | 3 1/2        | 1 1/4       | 4.0                   |      |                |            |                     |
| 20        | 60B20SS        | 5.190            | B    | 3/4           | 2 7/8     | 3 5/8        | 1 1/4       | 4.6                   |      |                |            |                     |
| 21        | 60B21SS        | 5.430            | B    | 3/4           | 2 3/4     | 4            | 1 1/4       | 5.0                   | A    | 60A21SS        | 3/4        | 2.5                 |
| 22        | 60B22SS        | 5.670            | B    | 3/4           | 2 3/4     | 4            | 1 1/4       | 5.3                   | A    | 60A22SS        | 3/4        | 2.7                 |
| 23        | 60B23SS        | 5.910            | B    | 3/4           | 2 3/4     | 4            | 1 1/4       | 5.7                   | A    | 60A23SS        | 3/4        | 3.0                 |
| 24        | 60B24SS        | 6.150            | B    | 3/4           | 2 3/4     | 4            | 1 1/4       | 5.9                   | A    | 60A24SS        | 23/32      | 3.1                 |
| 25        | 60B25SS        | 6.390            | B    | 3/4           | 2 3/4     | 4            | 1 1/4       | 6.1                   | A    | 60A25SS        | 23/32      | 3.3                 |
| 26        | 60B26SS        | 6.630            | B    | 3/4           | 2 3/4     | 4            | 1 1/4       | 6.3                   | A    | 60A26SS        | 23/32      | 3.8                 |
| 28        | 60B28SS        | 7.110            | B    | 3/4           | 2 3/4     | 4            | 1 1/4       | 6.7                   | A    | 60A28SS        | 23/32      | 4.2                 |
| 30        | 60B30SS        | 7.590            | B    | 3/4           | 2 3/4     | 4            | 1 1/4       | 7.0                   | A    | 60A30SS        | 23/32      | 4.7                 |
| 35        | 60B35SS        | 8.780            | B    | 1             | 2 3/4     | 4            | 1 1/4       | 9.0                   | A    | 60A35SS        | 15/16      | 6.9                 |
| 40        | 60B40SS        | 9.980            | B    | 1             | 2 3/4     | 4 1/4        | 1 1/4       | 11.7                  | A    | 60A40SS        | 15/16      | 8.3                 |
| 45        | 60B45SS        | 11.180           | B    | 1             | 2 3/4     | 4 1/4        | 1 1/4       | 14.5                  | A    | 60A45SS        | 15/16      | 10.6                |
| 60        | 60B60SS        | 14.760           | B    | 1 1/4         | 2 3/4     | 4 1/4        | 1 1/4       | 25.0                  | A    | 60A60SS        | 1 1/4      | 18.0                |

★ Has recessed groove in hub for chain clearance.

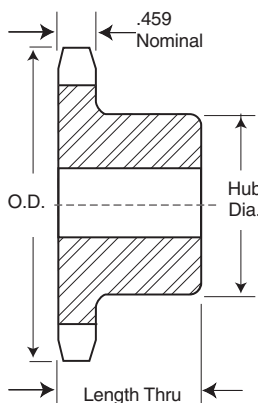
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

Sprockets altered at factory (rebored with keyway and setscrew added) will be supplied with stainless setscrew.

SPROCKETS



STAINLESS STEEL



TYPE B

### Alteration Charges

See current discount sheet for alteration charges.

# No. 60

## 3/4" Pitch

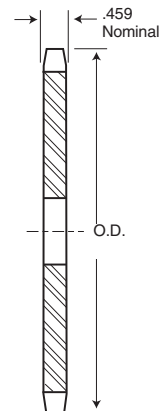
# All Steel Stock Sprockets

# Martin

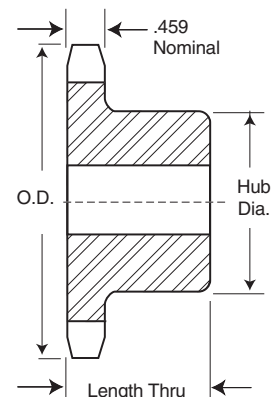
## Single-Type B

## Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|----------------------|------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                      |      |                |            |                       |
| 8         | 60B8           | 2.260            | B    | 3/8           | 3/8       | 1 1/16★      | 1 1/4       | .54                  |      |                |            |                       |
| 9         | 60B9           | 2.510            | B    | 3/8           | 7/8       | 1 1/8★       | 1 1/4       | .64                  |      |                |            |                       |
| 10        | 60B10          | 2.760            | B    | 3/8           | 1 1/8     | 1 1/8★       | 1 1/4       | .99                  | A    | 60A10          | 3/8        | .44                   |
| 11        | 60B11          | 3.000            | B    | 3/8           | 1 1/8     | 2 1/16★      | 1 1/4       | 1.16                 | A    | 60A11          | 3/8        | .54                   |
| 12        | 60B12          | 3.250            | B    | 3/8           | 1 1/8     | 2 3/8★       | 1 1/4       | 1.47                 | A    | 60A12          | 3/8        | .68                   |
| 13        | 60B13          | 3.490            | B    | 3/8           | 1 1/8     | 2 11/32      | 1 1/4       | 1.66                 | A    | 60A13          | 3/8        | .80                   |
| 14        | 60B14          | 3.740            | B    | 3/8           | 1 1/8     | 2 9/16       | 1 1/4       | 2.00                 | A    | 60A14          | 3/8        | .94                   |
| 15        | 60B15          | 3.980            | B    | 3/8           | 1 1/8     | 2 3/8        | 1 1/4       | 2.51                 | A    | 60A15          | 3/8        | 1.08                  |
| 16        | 60B16          | 4.220            | B    | 3/8           | 2         | 3 1/16       | 1 1/4       | 2.81                 | A    | 60A16          | 3/8        | 1.24                  |
| 17        | 60B17          | 4.460            | B    | 3/8           | 2 1/8     | 3 1/4        | 1 1/4       | 3.22                 | A    | 60A17          | 3/8        | 1.44                  |
| 18        | 60B18          | 4.700            | B    | 3/8           | 2 1/8     | 3 1/2        | 1 1/4       | 3.72                 | A    | 60A18          | 3/8        | 1.62                  |
| 19        | 60B19          | 4.950            | B    | 3/8           | 2 1/8     | 3 1/2        | 1 1/4       | 3.92                 | A    | 60A19          | 3/8        | 1.84                  |
| 20        | 60B20          | 5.190            | B    | 3/8           | 2 1/8     | 3 3/8        | 1 1/4       | 4.63                 | A    | 60A20          | 3/8        | 2.12                  |
| 21        | 60B21          | 5.430            | B    | 3/8           | 2 1/8     | 4            | 1 1/4       | 5.00                 | A    | 60A21          | 3/8        | 2.28                  |
| 22        | 60B22          | 5.670            | B    | 3/8           | 2 1/8     | 4            | 1 1/4       | 5.25                 | A    | 60A22          | 3/8        | 2.48                  |
| 23        | 60B23          | 5.910            | B    | 3/8           | 2 1/8     | 4            | 1 1/4       | 5.48                 | A    | 60A23          | 3/8        | 2.68                  |
| 24        | 60B24          | 6.150            | B    | 3/8           | 2 1/8     | 4            | 1 1/4       | 5.78                 | A    | 60A24          | 23/32      | 3.00                  |
| 25        | 60B25          | 6.390            | B    | 3/8           | 2 1/8     | 4            | 1 1/4       | 6.13                 | A    | 60A25          | 23/32      | 3.34                  |
| 26        | 60B26          | 6.630            | B    | 3/8           | 2 1/8     | 4            | 1 1/4       | 6.38                 | A    | 60A26          | 23/32      | 3.54                  |
| 27        | 60B27          | 6.870            | B    | 3/8           | 2 1/8     | 4            | 1 1/4       | 6.72                 | A    | 60A27          | 23/32      | 3.96                  |
| 28        | 60B28          | 7.110            | B    | 3/8           | 2 1/8     | 4            | 1 1/4       | 6.88                 | A    | 60A28          | 23/32      | 4.14                  |
| 29        | 60B29          | 7.350            | B    | 3/8           | 2 1/8     | 4            | 1 1/4       | 7.28                 | A    | 60A29          | 23/32      | 4.40                  |
| 30        | 60B30          | 7.590            | B    | 3/8           | 2 1/8     | 4            | 1 1/4       | 7.58                 | A    | 60A30          | 23/32      | 4.78                  |
| 31        | 60B31          | 7.830            | B    | 3/8           | 2 1/8     | 4            | 1 1/4       | 7.72                 | A    | 60A31          | 23/32      | 5.24                  |
| 32        | 60B32          | 8.070            | B    | 3/8           | 2 1/8     | 4            | 1 1/4       | 8.26                 | A    | 60A32          | 23/32      | 5.52                  |
| 33        | 60B33          | 8.300            | B    | 1             | 2 3/8     | 4            | 1 1/4       | 8.42                 | A    | 60A33          | 15/16      | 5.86                  |
| 34        | 60B34          | 8.540            | B    | 1             | 2 3/8     | 4            | 1 1/4       | 8.80                 | A    | 60A34          | 15/16      | 6.16                  |
| 35        | 60B35          | 8.780            | B    | 1             | 2 3/8     | 4            | 1 1/4       | 9.04                 | A    | 60A35          | 15/16      | 6.78                  |
| 36        | 60B36          | 9.020            | B    | 1             | 2 3/8     | 4            | 1 1/4       | 9.60                 | A    | 60A36          | 15/16      | 6.82                  |
| 37        | 60B37          | 9.260            | B    | 1             | 2 3/8     | 4            | 1 1/4       | 10.24                | A    | 60A37          | 15/16      | 7.52                  |
| 38        | 60B38          | 9.500            | B    | 1             | 2 3/8     | 4 1/4        | 1 1/4       | 10.84                | A    | 60A38          | 15/16      | 7.84                  |
| 39        | 60B39          | 9.740            | B    | 1             | 2 3/8     | 4 1/4        | 1 1/4       | 11.36                | A    | 60A39          | 15/16      | 8.28                  |
| 40        | 60B40          | 9.980            | B    | 1             | 2 3/8     | 4 1/4        | 1 1/4       | 11.50                | A    | 60A40          | 15/16      | 8.56                  |
| 41        | 60B41          | 10.220           | B    | 1             | 2 3/8     | 4 1/4        | 1 1/4       | 12.14                | A    | 60A41          | 15/16      | 9.10                  |
| 42        | 60B42          | 10.460           | B    | 1             | 2 3/8     | 4 1/4        | 1 1/4       | 12.74                | A    | 60A42          | 15/16      | 9.84                  |
| 43        | 60B43          | 10.700           | B    | 1             | 2 3/8     | 4 1/4        | 1 1/4       | 13.00                | A    | 60A43          | 15/16      | 9.74                  |
| 44        | 60B44          | 10.940           | B    | 15/16         | 2 3/8     | 4 1/4        | 1 1/4       | 13.88                | A    | 60A44          | 15/16      | 10.76                 |
| 45        | 60B45          | 11.180           | B    | 15/16         | 2 3/8     | 4 1/4        | 1 1/4       | 13.98                | A    | 60A45          | 15/16      | 11.08                 |
| 46        | 60B46          | 11.420           | B    | 15/16         | 2 3/8     | 4 1/4        | 1 1/4       | 14.60                | A    | 60A46          | 15/16      | 11.50                 |
| 47        | 60B47          | 11.650           | B    | 15/16         | 2 3/8     | 4 1/4        | 1 1/4       | 15.00                | A    | 60A47          | 15/16      | 12.32                 |
| 48        | 60B48          | 11.890           | B    | 15/16         | 2 3/8     | 4 1/4        | 1 1/4       | 15.82                | A    | 60A48          | 15/16      | 12.42                 |
| 49        | 60B49          | 12.130           | B    | 15/16         | 2 3/8     | 4 1/4        | 1 1/4       | 15.90                | A    | 60A49          | 15/16      | 12.92                 |
| 50        | 60B50          | 12.370           | B    | 15/16         | 2 3/8     | 4 1/4        | 1 1/4       | 17.66                | A    | 60A50          | 15/16      | 13.98                 |
| 51        | 60B51          | 12.610           | B    | 15/16         | 2 3/8     | 4 1/4        | 1 1/4       | 16.98                | A    | 60A51          | 15/16      | 14.58                 |
| 52        | 60B52          | 12.850           | B    | 15/16         | 2 3/8     | 4 1/4        | 1 1/4       | 17.93                | A    | 60A52          | 15/16      | 14.60                 |
| 53        | 60B53          | 13.090           | B    | 15/16         | 2 3/8     | 4 1/4        | 1 1/4       | 17.99                | A    | 60A53          | 15/16      | 15.84                 |
| 54        | 60B54          | 13.330           | B    | 15/16         | 2 3/8     | 4 1/4        | 1 1/4       | 21.60                | A    | 60A54          | 15/16      | 15.92                 |
| 55        | 60B55          | 13.570           | B    | 1 1/4         | 2 3/8     | 4 1/4        | 1 1/4       | 21.14                | A    | 60A55          | 1 1/4      | 16.96                 |
| 56        | 60B56          | 13.810           | B    | 1 1/4         | 2 3/8     | 4 1/4        | 1 1/4       | 21.88                | A    | 60A56          | 1 1/4      | 17.60                 |
| 57        | 60B57          | 14.040           | B    | 1 1/4         | 2 3/8     | 4 1/4        | 1 1/4       | 22.26                | A    | 60A57          | 1 1/4      | 17.62                 |
| 58        | 60B58          | 14.280           | B    | 1 1/4         | 2 3/8     | 4 1/4        | 1 1/4       | 22.80                | A    | 60A58          | 1 1/4      | 19.00                 |
| 59        | 60B59          | 14.520           | B    | 1 1/4         | 2 3/8     | 4 1/4        | 1 1/4       | 23.86                | A    | 60A59          | 1 1/4      | 19.20                 |
| 60        | 60B60          | 14.760           | B    | 1 1/4         | 2 3/8     | 4 1/4        | 1 1/4       | 25.22                | A    | 60A60          | 1 1/4      | 20.02                 |
| 64        | 60B64          | 15.720           | B    | 1 1/4         | 2 3/8     | 4 1/4        | 1 1/4       | 27.40                | A    | 60A64          | 1 1/4      | 23.00                 |
| 65        | 60B65          | 15.960           | B    | 1 1/4         | 2 3/8     | 4 1/4        | 1 1/4       | 28.92                | A    | 60A65          | 1 1/4      | 23.24                 |
| 66        |                |                  |      |               |           |              |             |                      | A    | 60A66          | 1 1/4      | 24.42                 |
| 68        | 60B68          | 16.670           | B    | 1 1/4         | 2 3/8     | 4 1/4        | 1 1/4       | 30.38                | A    | 60A68          | 1 1/4      | 25.54                 |
| 70        | 60B70          | 17.150           | B    | 1 1/4         | 2 3/8     | 4 1/4        | 1 1/4       | 31.98                | A    | 60A70          | 1 1/4      | 27.20                 |
| 72        | 60B72          | 17.630           | B    | 1 1/4         | 2 3/8     | 4 1/4        | 2           | 34.18                | A    | 60A72          | 1 1/4      | 28.90                 |
| 76        | 60B76          | 18.580           | B    | 1 1/4         | 2 3/8     | 4 1/4        | 2           | 38.06                | A    | 60A76          | 1 1/4      | 32.34                 |
| 80        | 60B80          | 19.540           | B    | 1 1/4         | 2 3/8     | 4 1/4        | 2           | 41.88                | A    | 60A80          | 1 1/4      | 45.50                 |
| 84        | 60B84          | 20.490           | B    | 1 1/4         | 3 1/8     | 4 3/8        | 2           | 46.46                | A    | 60A84          | 1 1/4      | 40.18                 |
| 90        | 60B90          | 21.930           | B    | 1 1/4         | 3 3/8     | 5            | 2 1/4       | 63.20                | A    | 60A90          | 1 1/4      | 43.44                 |
| 96        | 60B96          | 23.360           | B    | 1 1/4         | 3 3/8     | 5 1/2        | 2 1/4       | 63.08                | A    | 60A96          | 1 1/4      | 52.02                 |
| 112       | 60B112         | 27.180           | B    | 1 1/4         | 3 3/8     | 5 1/2        | 2 1/4       | 81.78                | A    | 60A112         | 1 1/4      | 70.80                 |



TYPE A



TYPE B

### Alteration Charges

See current discount sheet for alteration charges.

★ Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.



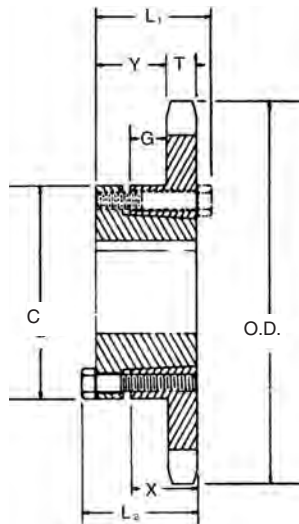
# Martin

## All Steel Stock Sprockets

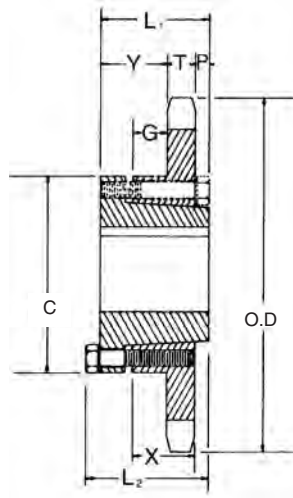
## No. 60 3/4" Pitch

### Single-Type QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 11        | 60JA11H        |
| 12        | 60JA12H        |
| 13        | 60JA13H        |
| 14        | 60SH14H        |
| 15        | 60SH15H        |
| 16        | 60SH16H        |
| 17        | 60SDS17H       |
| 18        | 60SDS18H       |
| 19        | 60SDS19H       |
| 20        | 60SDS20H       |
| 21        | 60SDS21H       |
| 22        | 60SDS22H       |
| 23        | 60SDS23H       |
| 24        | 60SDS24H       |
| 25        | 60SDS25H       |
| 26        | 60SK26H        |
| 27        | 60SK27H        |
| 28        | 60SK28H        |
| 30        | 60SK30H        |



QD — TYPE B



QD — TYPE B<sub>1</sub>

SABER  
TOOTH®



SPROCKETS

### Single-Type QD

| No. Teeth | Catalog Number | Bush-<br>ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |        |         |         |       |      | Weight (Approx.) |          |
|-----------|----------------|--------------|------------------|----------------|------|-----------|----------------|----------------|--------|---------|---------|-------|------|------------------|----------|
|           |                |              | 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 | 3 5/64  | 1 1/64  | 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 | 3 5/64  | 1 1/64  | 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 | 3 5/64  | 1 1/64  | 5/8   | .459 | 1.66             | .76      |
| 14        | 60SH14         | SH           | 3.740            | 3.371          | B    | 1 1/4     | 1 1/8          | 1 1/8          | 2 1/16 | 5 1/64  | 2 3/64  | 13/16 | .459 | 1.88             | .88      |
| 15        | 60SH15         | SH           | 3.980            | 3.607          | B    | 1 1/4     | 1 1/8          | 1 1/8          | 2 1/16 | 5 1/64  | 2 3/64  | 13/16 | .459 | 2.08             | 1.08     |
| 16        | 60SH16         | SH           | 4.220            | 3.844          | B    | 1 1/4     | 1 1/8          | 1 1/8          | 2 1/16 | 5 1/64  | 2 3/64  | 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 | 5 5/64  | 1 3/64  | 3/4   | .459 | 2.38             | 1.38     |
| 18        | 60SDS18        | SDS          | 4.700            | 4.319          | B    |           |                |                |        |         |         |       |      | 2.56             | 1.56     |
| 19        | 60SDS19        | SDS          | 4.950            | 4.557          | B    |           |                |                |        |         |         |       |      | 2.76             | 1.76     |
| 20        | 60SDS20        | SDS          | 5.190            | 4.794          | B    |           |                |                |        |         |         |       |      | 3.00             | 2.00     |
| 21        | 60SDS21        | SDS          | 5.430            | 5.032          | B    |           |                |                |        |         |         |       |      | 3.20             | 2.20     |
| 22        | 60SDS22        | SDS          | 5.670            | 5.270          | B    |           |                |                |        |         |         |       |      | 3.44             | 2.44     |
| 23        | 60SDS23        | SDS          | 5.910            | 5.508          | B    |           |                |                |        |         |         |       |      | 3.70             | 2.70     |
| 24        | 60SDS24        | SDS          | 6.150            | 5.746          | B    |           |                |                |        |         |         |       |      | 3.94             | 2.94     |
| 25        | 60SDS25        | SDS          | 6.390            | 5.984          | B    | 2         | 1 1/2          | 1 1/2          | 3 3/16 | 5 5/64  | 1 3/64  | 3/4   | .459 | 4.24             | 3.24     |
| 26        | 60SK26         | SK           | 6.630            | 6.222          | B    | 2 3/8     | 2 1/2          | 2 1/2          | 3 3/8  | 1 27/64 | 5 1/64  | 1 1/4 | .459 | 6.18             | 4.18     |
| 27        | 60SK27         | SK           | 6.870            | 6.460          | B    |           |                |                |        |         |         |       |      | 6.52             | 4.52     |
| 28        | 60SK28         | SK           | 7.110            | 6.699          | B    |           |                |                |        |         |         |       |      | 6.72             | 4.72     |
| 30        | 60SK30         | SK           | 7.590            | 7.175          | B    |           |                |                |        |         |         |       |      | 7.34             | 5.34     |
| 32        | 60SK32         | SK           | 8.070            | 7.652          | B    |           |                |                |        |         |         |       |      | 8.10             | 6.10     |
| 35        | 60SK35         | SK           | 8.780            | 8.367          | B    |           |                |                |        |         |         |       |      | 9.42             | 7.42     |
| 36        | 60SK36         | SK           | 9.020            | 8.605          | B    |           |                |                |        |         |         |       |      | 9.70             | 7.70     |
| 40        | 60SK40         | SK           | 9.980            | 9.559          | B    | 2 3/8     | 2 1/2          | 2 1/2          | 3 3/8  | 1 27/64 | 5 1/64  | 1 1/4 | .459 | 11.56            | 9.56     |
| 42        | 60SF42         | SF           | 10.460           | 10.036         | B    | 2 15/16   | 2 1/2          | 2 1/2          | 4 1/8  | 1 35/64 | 5 1/64  | 1 1/4 | .459 | 13.78            | 10.78    |
| 45        | 60SF45         | SF           | 11.180           | 10.752         | B    |           |                |                |        |         |         |       |      | 15.40            | 12.40    |
| 48        | 60SF48         | SF           | 11.890           | 11.467         | B    |           |                |                |        |         |         |       |      | 17.26            | 14.26    |
| 54        | 60SF54         | SF           | 13.330           | 12.899         | B    |           |                |                |        |         |         |       |      | 20.02            | 17.02    |
| 60        | 60SF60         | SF           | 14.760           | 14.331         | B    |           |                |                |        |         |         |       |      | 23.76            | 20.76    |
| 70        | 60SF70         | SF           | 17.150           | 16.717         | B    |           |                |                |        |         |         |       |      | 31.60            | 28.60    |
| 72        | 60SF72         | SF           | 17.630           | 17.194         | B    |           |                |                |        |         |         |       |      | 32.58            | 29.58    |
| 80        | 60SF80         | SF           | 19.540           | 19.103         | B    |           |                |                |        |         |         |       |      | 41.24            | 38.24    |
| 84        | 60SF84         | SF           | 20.490           | 20.058         | B    |           |                |                |        |         |         |       |      | 43.94            | 40.94    |
| 96        | 60SF96         | SF           | 23.360           | 22.922         | B    | 2 15/16   | 2 1/2          | 2 1/2          | 4 1/8  | 1 35/64 | 5 1/64  | 1 1/4 | .459 | 55.40            | 52.40    |
| 112       | 60E112         | E            | 27.180           | 26.742         | B1   | 3 1/2     | 2 3/4          | 2 3/4          | 6      | 2 1/8   | 1 11/64 | 1 1/8 | .459 | 83.76            | 73.76    |

No. 60  
3/4" Pitch

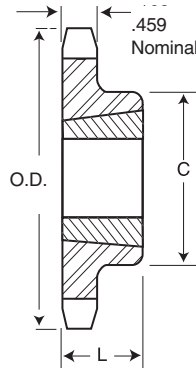
All Steel  
Stock Sprockets

*Martin*

## Single-Taper Bushed with Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 11        | 60BTB11H       |
| 12        | 60BTB12H       |
| 13        | 60BTB13H       |
| 14        | 60BTB14H       |
| 15        | 60BTB15H       |
| 16        | 60BTB16H       |
| 17        | 60BTB17H       |
| 18        | 60BTB18H       |
| 19        | 60BTB19H       |
| 20        | 60BTB20H       |
| 21        | 60BTB21H       |
| 22        | 60BTB22H       |
| 23        | 60BTB23H       |
| 24        | 60BTB24H       |
| 25        | 60BTB25H       |
| 26        | 60BTB26H       |
| 27        | 60BTB27H       |
| 28        | 60BTB28H       |
| 30        | 60BTB30H       |

**SABER  
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**TAPER BUSH  
TYPE B**



## Single-Taper Bushed

| No. Teeth | Catalog Number | Bushings | Diameters        |                | Max. Bore | Dimensions |          | Type | Weight (Approx.) |              |
|-----------|----------------|----------|------------------|----------------|-----------|------------|----------|------|------------------|--------------|
|           |                |          | Outside Diameter | Pitch Diameter |           | L          | C        |      | Rim Only         | Bushing 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 19/32  | B    | 1.0              | .6           |
| 15        | 60BTB15        | 1610     | 3.979            | 3.607          | 1 1/2     | 1          | 2 25/32  | B    | 1.0              | .9           |
| 16        | 60BTB16        | 1610     | 4.221            | 3.844          | 1 1/2     | 1          | 3        | B    | 1.4              | .9           |
| 17        | 60BTB17        | 1610     | 4.462            | 4.082          | 1 1/2     | 1          | 3 1/4    | B    | 1.8              | .9           |
| 18        | 60BTB18        | 1610     | 4.704            | 4.319          | 1 1/2     | 1          | 3 1/2    | B    | 1.9              | .9           |
| 19        | 60BTB19        | 1610     | 4.945            | 4.557          | 1 1/2     | 1          | 3 1/2    | B    | 2.2              | .9           |
| 20        | 60BTB20        | 2012     | 5.185            | 4.794          | 2         | 1 1/4      | 3 15/16  | B    | 2.2              | 1.7          |
| 21        | 60BTB21        | 2012     | 5.426            | 5.032          | 2         | 1 1/4      | 4        | B    | 2.5              | 1.7          |
| 22        | 60BTB22        | 2012     | 5.666            | 5.270          | 2         | 1 1/4      | 4        | B    | 2.8              | 1.7          |
| 23        | 60BTB23        | 2012     | 5.907            | 5.508          | 2         | 1 1/4      | 4        | B    | 3.1              | 1.7          |
| 24        | 60BTB24        | 2012     | 6.147            | 5.746          | 2         | 1 1/4      | 3 3/8    | B    | 3.4              | 1.7          |
| 25        | 60BTB25        | 2012     | 6.387            | 5.984          | 2         | 1 1/4      | 3 3/8    | B    | 3.7              | 1.7          |
| 26        | 60BTB26        | 2012     | 6.627            | 6.222          | 2         | 1 1/4      | 3 3/8    | B    | 4.0              | 1.7          |
| 27        | 60BTB27        | 2012     | 6.867            | 6.416          | 2         | 1 1/4      | 3 3/8    | B    | 4.2              | 1.7          |
| 28        | 60BTB28        | 2012     | 7.107            | 6.699          | 2         | 1 1/4      | 3 3/8    | B    | 4.6              | 1.7          |
| 30        | 60BTB30        | 2012     | 7.586            | 7.175          | 2         | 1 1/4      | 3 3/8    | B    | 5.2              | 1.7          |
| 32        | 60BTB32        | 2012     | 8.065            | 7.652          | 2         | 1 1/4      | 3 3/8    | B    | 5.6              | 1.7          |
| 35        | 60BTB35        | 2012     | 8.783            | 8.367          | 2         | 1 1/4      | 3 3/8    | B    | 6.4              | 1.7          |
| 36        | 60BTB36        | 2012     | 9.022            | 8.605          | 2         | 1 1/4      | 3 3/8    | B    | 6.6              | 1.7          |
| 40        | 60BTB40        | 2012     | 9.980            | 9.559          | 2         | 1 1/4      | 3 3/8    | B    | 8.3              | 1.7          |
| 42        | 60BTB42        | 2012     | 10.458           | 10.036         | 2         | 1 1/4      | 3 3/8    | B    | 10.0             | 1.7          |
| 45        | 60BTB45        | 2012     | 11.175           | 10.752         | 2         | 1 1/4      | 3 3/8    | B    | 11.5             | 1.7          |
| 48        | 60BTB48        | 2012     | 11.893           | 11.467         | 2         | 1 1/4      | 3 3/8    | B    | 13.2             | 1.7          |
| 54        | 60BTB54        | 2517     | 13.327           | 12.899         | 2 1/2     | 1 1/4      | 4 1/4    | B    | 17.1             | 3.5          |
| 60        | 60BTB60        | 2517     | 14.761           | 14.330         | 2 1/2     | 1 1/4      | 4 1/4    | B    | 21.0             | 3.5          |
| 70        | 60BTB70        | 2517     | 17.150           | 16.717         | 2 1/2     | 1 1/4      | 4 1/4    | B    | 27.6             | 3.5          |
| 72        | 60BTB72        | 2517     | 17.628           | 17.194         | 2 1/2     | 1 1/4      | 4 1/4    | B    | 30.0             | 3.5          |
| 80        | 60BTB80        | 2517     | 19.539           | 19.103         | 2 1/2     | 1 1/4      | 4 1/4    | B    | 36.3             | 3.5          |
| 84        | 60BTB84        | 2517     | 20.494           | 20.058         | 2 1/2     | 1 1/4      | 4 1/4    | B    | 40.6             | 3.5          |

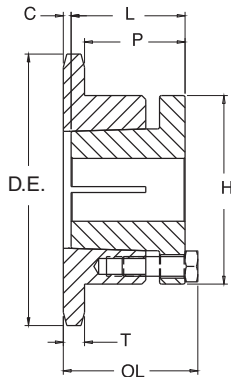
★ Has recessed groove in hub for chain clearance.

# Martin

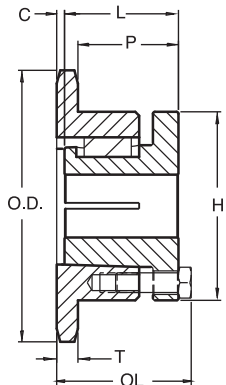
## MST® Sprockets

## No. 60 3/4" Pitch

### Single - MST® Sprockets



TIPO 3



TYPE 4

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |         |      |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|---------|------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C    | H     | P       | T(nom) | With Hub         | Rim Only |
| 11        | 60H11H         | H        | 3.000        | 2.662      | 3    | 1-1/2     | 1-13/16    | 1-1/4   | 3/8  | 2-1/2 | 1-5/32  | .459   | 1.5              | .7       |
| 12        | 60H12H         | H        | 3.250        | 2.898      | 3    | 1-1/2     | 1-3/4      | 1-1/4   | 5/16 | 2-1/2 | 1-3/32  | .459   | 1.6              | .8       |
| 13        | 60H13H         | H        | 3.490        | 3.134      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 27/32   | .459   | 1.6              | .8       |
| 13        | 60P13H         | P1       | 3.490        | 3.134      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 2.5              | 1.2      |
| 14        | 60H14H         | H        | 3.740        | 3.371      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 27/32   | .459   | 1.9              | 1.1      |
| 14        | 60P14H         | P1       | 3.740        | 3.371      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 2.7              | 1.4      |
| 15        | 60H15H         | H        | 3.980        | 3.607      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 27/32   | .459   | 2.2              | 1.4      |
| 15        | 60P15H         | P1       | 3.980        | 3.607      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 3.0              | 1.7      |
| 16        | 60H16H         | H        | 4.220        | 3.844      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 27/32   | .459   | 2.1              | 1.3      |
| 16        | 60P16H         | P1       | 4.220        | 3.844      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 3.1              | 1.8      |
| 17        | 60H17H         | H        | 4.460        | 4.082      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 27/32   | .459   | 2.3              | 1.5      |
| 17        | 60P17H         | P1       | 4.460        | 4.082      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 3.4              | 2.1      |
| 18        | 60H18H         | H        | 4.700        | 4.319      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 27/32   | .459   | 2.5              | 1.7      |
| 18        | 60P18H         | P1       | 4.700        | 4.319      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 3.5              | 2.2      |
| 19        | 60H19H         | H        | 4.950        | 4.557      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 27/32   | .459   | 2.7              | 1.9      |
| 19        | 60P19H         | P1       | 4.950        | 4.557      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 3.8              | 2.5      |
| 20        | 60H20H         | H        | 5.190        | 4.794      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 27/32   | .459   | 2.9              | 2.1      |
| 20        | 60P20H         | P1       | 5.190        | 4.794      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 4.4              | 3.1      |
| 20        | 60Q20H         | Q1       | 5.190        | 4.794      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 7.0              | 3.5      |
| 21        | 60P21H         | P1       | 5.430        | 5.032      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 4.2              | 2.9      |
| 21        | 60Q21H         | Q1       | 5.430        | 5.032      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 7.1              | 3.6      |
| 22        | 60H22H         | H        | 5.670        | 5.270      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 27/32   | .459   | 3.4              | 2.6      |
| 22        | 60P22H         | P1       | 5.670        | 5.270      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 4.5              | 3.2      |
| 22        | 60Q22H         | Q1       | 5.670        | 5.270      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 7.5              | 4.0      |
| 23        | 60P23H         | P1       | 5.910        | 5.508      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 4.8              | 3.5      |
| 23        | 60Q23H         | Q1       | 5.910        | 5.508      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 7.6              | 4.1      |
| 24        | 60H24H         | H        | 6.150        | 5.746      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16 | 2-1/2 | 27/32   | .459   | 3.8              | 3.0      |
| 24        | 60P24H         | P1       | 6.150        | 5.746      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 5.1              | 3.8      |
| 24        | 60Q24H         | Q1       | 6.150        | 5.746      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 8.0              | 4.5      |
| 25        | 60P25H         | P1       | 6.390        | 5.984      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 5.4              | 4.1      |
| 25        | 60Q25H         | Q1       | 6.390        | 5.984      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 9.4              | 5.9      |
| 26        | 60P26H         | P1       | 6.630        | 6.222      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 5.6              | 4.3      |
| 26        | 60Q26H         | Q1       | 6.630        | 6.222      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 9.8              | 6.3      |
| 27        | 60P27H         | P1       | 6.870        | 6.460      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 5.8              | 4.5      |
| 27        | 60Q27H         | Q1       | 6.870        | 6.460      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 9.9              | 6.4      |
| 28        | 60P28H         | P1       | 7.110        | 6.699      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 6.2              | 4.9      |
| 28        | 60Q28H         | Q1       | 7.110        | 6.699      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 10.4             | 6.9      |
| 29        | 60Q29H         | Q1       | 7.350        | 6.937      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 10.8             | 7.3      |
| 30        | 60P30H         | P1       | 7.590        | 7.175      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0    | 3     | 1-15/32 | .459   | 6.9              | 5.6      |
| 30        | 60Q30H         | Q1       | 7.590        | 7.175      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 11.1             | 7.6      |
| 31        | 60Q31          | Q1       | 7.830        | 7.413      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 11.3             | 7.8      |
| 32        | 60Q32          | Q1       | 8.070        | 7.652      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 11.8             | 8.3      |
| 33        | 60Q33          | Q1       | 8.300        | 7.890      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 12.2             | 8.7      |
| 34        | 60Q34          | Q1       | 8.540        | 8.129      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 12.6             | 9.1      |
| 35        | 60Q35          | Q1       | 8.780        | 8.367      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 12.8             | 9.3      |
| 36        | 60Q36          | Q1       | 9.020        | 8.605      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 13.4             | 9.9      |
| 37        | 60Q37          | Q1       | 9.260        | 8.844      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 13.8             | 10.3     |
| 38        | 60Q38          | Q1       | 9.500        | 9.082      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 14.1             | 10.6     |
| 39        | 60Q39          | Q1       | 9.740        | 9.321      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 14.6             | 11.1     |
| 40        | 60Q40          | Q1       | 9.980        | 9.559      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 15.1             | 11.6     |
| 41        | 60Q41          | Q1       | 10.220       | 9.798      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 15.4             | 11.9     |
| 42        | 60Q42          | Q1       | 10.460       | 10.036     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 16.1             | 12.6     |
| 44        | 60Q44          | Q1       | 10.940       | 10.513     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 16.9             | 13.4     |
| 45        | 60Q45          | Q1       | 11.180       | 10.752     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 17.4             | 13.9     |
| 47        | 60Q47          | Q1       | 11.650       | 11.229     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 19.8             | 16.3     |
| 48        | 60Q48          | Q1       | 11.890       | 11.467     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 19.9             | 16.4     |
| 50        | 60Q50          | Q1       | 12.370       | 11.945     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 20.4             | 16.9     |
| 54        | 60Q54          | Q1       | 13.330       | 12.899     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 23.1             | 19.6     |
| 56        | 60Q56          | Q1       | 13.810       | 13.376     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 23.8             | 20.3     |
| 60        | 60Q60          | Q1       | 14.760       | 14.331     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 26.4             | 22.9     |
| 70        | 60Q70          | Q1       | 17.150       | 16.717     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 34.4             | 30.9     |
| 70        | 60R70          | R1       | 17.150       | 16.717     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0    | 5-3/8 | 2-13/32 | .459   | 39.3             | 31.8     |
| 72        | 60Q72          | Q1       | 17.630       | 17.194     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 35.4             | 31.9     |
| 72        | 60R72          | R1       | 17.630       | 17.194     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0    | 5-3/8 | 2-13/32 | .459   | 41.6             | 34.1     |
| 80        | 60Q80          | Q1       | 19.540       | 19.103     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 42.6             | 39.1     |
| 80        | 60R80          | R1       | 19.540       | 19.103     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0    | 5-3/8 | 2-13/32 | .459   | 49.0             | 41.5     |
| 84        | 60Q84          | Q1       | 20.490       | 20.058     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 45.1             | 41.6     |
| 84        | 60R84          | R1       | 20.490       | 20.058     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0    | 5-3/8 | 2-13/32 | .459   | 52.3             | 44.8     |
| 96        | 60Q96          | Q1       | 23.360       | 22.922     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 57.5             | 54.0     |
| 96        | 60R96          | R1       | 23.360       | 22.922     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0    | 5-3/8 | 2-13/32 | .459   | 63.5             | 56.0     |
| 112       | 60Q112         | Q1       | 27.180       | 26.742     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0    | 4-1/8 | 2-1/32  | .459   | 76.5             | 73.0     |
| 112       | 60R112         | R1       | 27.180       | 26.742     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0    | 5-3/8 | 2-13/32 | .459   | 82.0             | 74.5     |

Sprockets with "H" suffix have hardened teeth.

SPROCKETS

# No. 60-2

## 3/4" Pitch

# All Steel Stock Sprockets

*Martin*

## Double-Type B & C

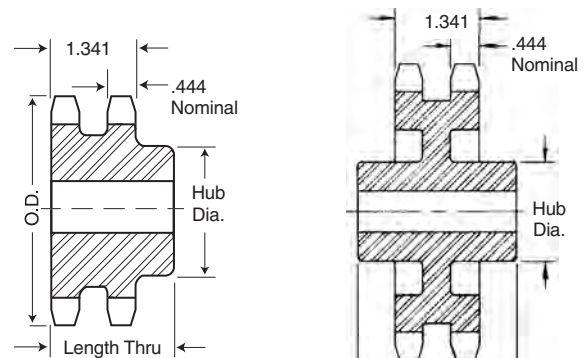
| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 11        | D60B11H        | 3.000            | B    | 1             | 1 1/4     | 1 13/16      | 2 1/2       | 1.62                  |
| 12        | D60B12H        | 3.250            | B    | 1             | 1 1/4     | 2 1/2        | 2 1/2       | 2.20                  |
| 13        | D60B13H        | 3.490            | B    | 1             | 1 1/2     | 2 1/2        | 2 1/2       | 2.60                  |
| 14        | D60B14H        | 3.740            | B    | 1             | 1 1/2     | 2 1/2        | 2 1/2       | 3.24                  |
| 15        | D60B15H        | 3.980            | B    | 1             | 1 1/2     | 2 13/16      | 2 1/2       | 3.96                  |
| 16        | D60B16H        | 4.220            | B    | 1             | 2         | 3            | 2 1/2       | 4.62                  |
| 17        | D60B17H        | 4.460            | B    | 1             | 2 1/4     | 3 1/2        | 2 1/2       | 5.40                  |
| 18        | D60B18H        | 4.700            | B    | 1             | 2 1/2     | 3 1/2        | 2 1/2       | 6.24                  |
| 19        | D60B19H        | 4.950            | B    | 1             | 2 1/2     | 3 13/16      | 2 1/2       | 7.00                  |
| 20        | D60B20H        | 5.190            | B    | 1             | 2 1/2     | 3 3/4        | 2 1/2       | 7.72                  |
| 21        | D60B21H        | 5.430            | B    | 1             | 2 3/4     | 4 1/2        | 2 1/2       | 8.82                  |
| 22        | D60B22H        | 5.670            | B    | 1             | 2 3/4     | 4 1/2        | 2 1/2       | 9.68                  |
| 23        | D60B23H        | 5.910            | B    | 1             | 2 3/4     | 4 1/2        | 2 1/2       | 10.30                 |
| 24        | D60B24H        | 6.150            | B    | 1             | 2 3/4     | 4 1/2        | 2 1/2       | 11.14                 |
| 25        | D60B25H        | 6.390            | B    | 1             | 2 3/4     | 4 1/2        | 2 1/2       | 11.96                 |
| 26        | D60B26         | 6.630            | B    | 1             | 2 3/4     | 4 1/2        | 2 1/2       | 12.70                 |
| 30        | D60B30         | 7.590            | B    | 1             | 2 3/4     | 4 1/2        | 2 1/2       | 16.36                 |
| 32        | D60B32         | 8.070            | B    | 1 1/4         | 3         | 4 1/2        | 2 1/2       | 19.52                 |
| 35        | D60B35         | 8.780            | B    | 1 1/4         | 3         | 4 1/2        | 2 1/2       | 22.80                 |
| 36        | D60B36         | 9.020            | B    | 1 1/4         | 3         | 4 1/2        | 2 1/2       | 23.82                 |
| 40        | D60B40         | 9.980            | B    | 1 1/4         | 3 1/4     | 4 1/2        | 2 1/2       | 30.84                 |
| 42        | D60B42         | 10.460           | B    | 1 1/4         | 3 1/4     | 4 1/2        | 2 1/2       | 33.08                 |
| 45        | D60B45         | 11.180           | B    | 1 1/4         | 3 1/4     | 4 1/2        | 2 1/2       | 37.08                 |
| 52        | D60B52         | 12.850           | B    | 1 1/4         | 3 1/4     | 4 1/2        | 2 1/2       | 48.70                 |
| 60        | D60B60         | 14.760           | B    | 1 1/4         | 3 1/4     | 4 1/2        | 2 1/2       | 63.10                 |
| 68        | D60C68         | 16.670           | C    | 1 1/4         | 3 3/4     | 5            | 3           | 53.68                 |
| 72        | D60C72         | 17.630           | C    | 1 1/4         | 3 3/4     | 5            | 3           | 53.74                 |
| 76        | D60C76         | 18.580           | C    | 1 1/4         | 3 3/4     | 5            | 3           | 60.28                 |
| 95        | D60C95         | 23.120           | C    | 1 1/4         | 3 3/4     | 5 1/2        | 3 1/2       | 87.14                 |

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

NOTE: Double 60 stock sprockets with 25 teeth or less have hardened teeth. As indicated by H suffix.

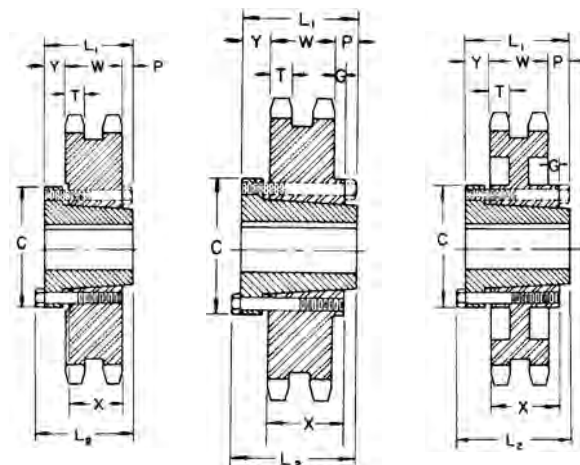
### Alteration Charges

See current discount sheet for alteration charges.



TYPE B

TYPE C



QD — TYPE C<sub>1</sub>

QD — TYPE C<sub>2</sub>

QD — TYPE C<sub>4</sub>

## Double-Type QD

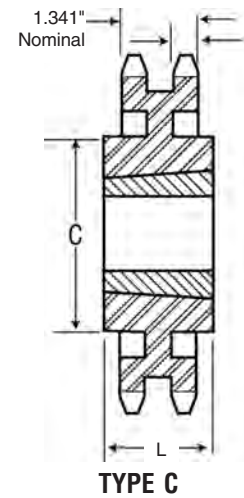
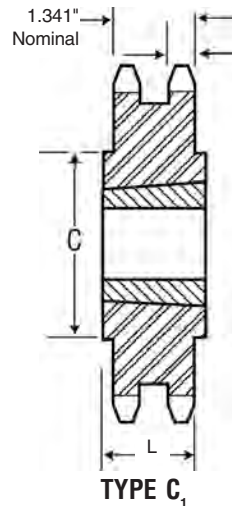
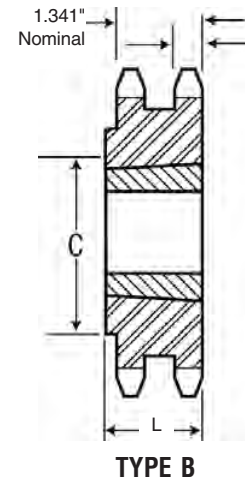
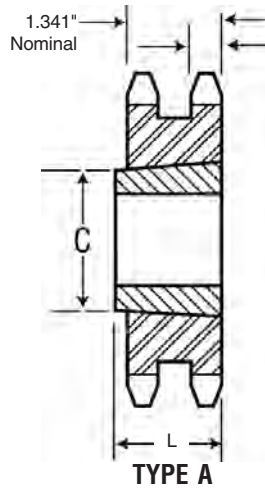
| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |        |     |        |      |       |      |       | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|-----------|----------------|----------------|--------|-----|--------|------|-------|------|-------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C      | Y   | P      | G    | X     | T    | W     | With Hub         | Rim Only |
| 14        | D60SH14H       | SH       | 3.740            | 3.371          | B*   | 1 1/4     | 1 3/16         | 1 3/16         | 2 1/16 | 1/2 |        |      |       | .444 | 1.341 | 2.5              | 1.5      |
| 22        | D60SDS22H      | SDS      | 5.670            | 5.270          | B*   | 2         | 1 7/16         | 1 7/16         | 3 1/16 |     |        |      | 3/4   | .444 | 1.341 | 5.44             | 4.44     |
| 36        | D60SF36        | SF       | 9.020            | 8.605          | C1   | 2 13/16   | 2              | 2 1/4          | 4 1/4  | 3/4 |        |      | 1 1/4 | .444 | 1.341 | 19.26            | 16.26    |
| 42        | D60E42         | E        | 10.460           | 10.036         | C2   | 3 1/2     | 2 1/2          | 2 13/16        | 6      | 7/8 | 1 3/16 | 5/16 | 1 1/2 | .444 | 1.341 | 34.04            | 24.04    |
| 45        | D60E45         | E        | 11.180           | 10.752         | C2   |           |                |                |        |     |        |      |       |      |       | 38.26            | 28.36    |
| 52        | D60E52         | E        | 12.850           | 12.422         | C2   |           |                |                |        |     |        |      |       |      |       | 49.52            | 39.52    |
| 60        | D60E60         | E        | 14.760           | 14.331         | C2   |           |                |                |        |     |        |      |       |      |       | 63.39            | 53.74    |
| 68        | D60E68         | E        | 16.670           | 16.240         | C4   |           |                |                |        |     |        |      |       |      |       | 54.32            | 44.32    |
| 76        | D60E76         | E        | 18.580           | 18.149         | C4   |           |                |                |        |     |        |      |       |      |       | 61.48            | 51.48    |
| 95        | D60E95         | E        | 23.120           | 22.683         | C4   | 3 1/2     | 2 1/2          | 2 13/16        | 6      | 7/8 | 1 3/16 | 5/16 | 1 1/2 | .444 | 1.341 | 82.96            | 72.96    |

\* Not illustrated. Dimensions listed correspond approximately to illustrations shown.

# Martin

## All Steel Stock Sprockets

## No. 60-2 ¾" Pitch



SPROCKETS

### Double-Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameters        |                | Max. Bore | Dimensions |     |  | Type | Weight (Approx.) |              |
|-----------|----------------|---------|------------------|----------------|-----------|------------|-----|--|------|------------------|--------------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C   |  |      | Rim Only         | Bushing Only |
| 13        | D60BTB13H      | 1215    | 3.493            | 3.134          | 1 ¼       | 1 ½        | 2 ¼ |  | B    | 1.2              | 1.6          |
| 14        | D60BTB14H      | 1215    | 3.736            | 3.371          | 1 ¼       | 1 ½        | 2 ½ |  | B    | 1.6              | 1.7          |
| 15        | D60BTB15H      | 1615    | 3.979            | 3.607          | 1 ½       | 1 ½        | 2 ⅝ |  | B    | 1.3              | 1.8          |
| 16        | D60BTB16H      | 1615    | 4.221            | 3.844          | 1 ½       | 1 ½        | 3   |  | B    | 2.2              | 2.3          |
| 17        | D60BTB17H      | 1615    | 4.462            | 4.082          | 1 ½       | 1 ½        | 3 ¼ |  | B    | 2.5              | 2.8          |
| 18        | D60ATB18H      | 2012    | 4.704            | 4.319          | 2         | 1 ¼        |     |  | A    | 3.0              | 2.4          |
| 19        | D60ATB19H      | 2012    | 4.945            | 4.557          | 2         | 1 ¼        |     |  | A    | 3.5              | 2.9          |
| 20        | D60BTB20H      | 2517    | 5.185            | 4.794          | 2 ½       | 1 ¾        | 3 ¾ |  | B    | 4.0              | 2.9          |
| 21        | D60BTB21H      | 2517    | 5.426            | 5.032          | 2 ½       | 1 ¾        | 4 ¼ |  | B    | 5.0              | 3.8          |
| 25        | D60BTB25H      | 2517    | 6.387            | 4.984          | 2 ½       | 1 ¾        | 5 ½ |  | B    | 7.5              | 7.4          |
| 30        | D60BTB30       | 2517    | 7.586            | 7.175          | 2 ½       | 1 ¾        | 6 ½ |  | B    | 13.5             | 13.3         |
| 36        | D60CTB36       | 2517    | 9.022            | 8.605          | 2 ½       | 1 ¾        | 4 ¼ |  | C    | 17.5             | 17.4         |
| 42        | D60CTB42       | 2517    | 10.458           | 10.036         | 2 ½       | 1 ¾        | 4 ¼ |  | C    | 25.5             | 25.0         |
| 45        | D60CTB45       | 2517    | 11.176           | 10.752         | 2 ½       | 1 ¾        | 4 ¼ |  | C    | 29.5             | 29.3         |
| 52        | D60CTB52       | 2517    | 12.849           | 12.422         | 2 ½       | 1 ¾        | 4 ¼ |  | C    | 41.0             | 40.3         |
| 60        | D60CTB60       | 2517    | 14.761           | 14.330         | 2 ½       | 1 ¾        | 4 ¼ |  | C 1  | 32.5             | 33.5         |
| 68        | D60CTB68       | 2517    | 16.672           | 16.240         | 2 ½       | 1 ¾        | 4 ¼ |  | C 1  | 36.5             | 43.2         |
| 76        | D60CTB76       | 3020    | 18.583           | 18.149         | 3         | 2          | 5 ¼ |  | C 1  | 42.5             | 47.8         |
| 95        | D60CTB95       | 3020    | 23.121           | 22.684         | 3         | 2          | 5 ¼ |  | C 1  | 48.5             | 69.8         |

NOTE: Double 60 stock sprockets with 25 teeth or less have hardened teeth.

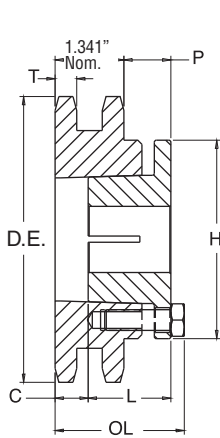


# No. 60-2

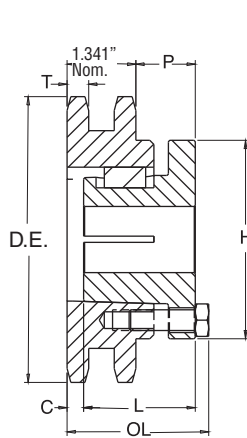
## 3/4" Pitch

**MST®**  
**Sprockets**

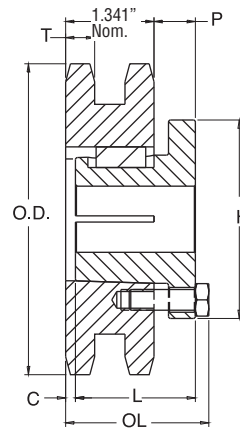
*Martin*



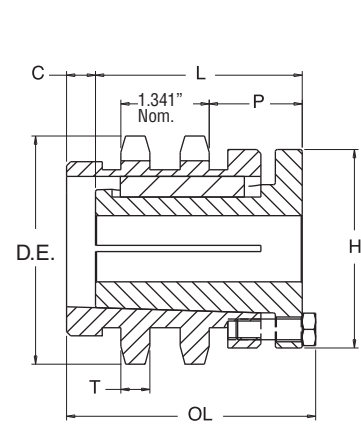
**TIPO 11**



**TIPO 12**



**TYPE 13**



**TIPO 16**

SPROCKETS

### Double - MST® Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |         |       |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|---------|-------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C     | H     | P       | T(nom) | With Hub         | Rim Only |
| 13        | D60P13H        | P1       | 3.490        | 3.134      | 16   | 1-3/4     | 3-13/16    | 1-15/16 | 1 5/8 | 3     | 1-13/32 | .444   | 3.8              | 2.5      |
| 14        | D60P14H        | P1       | 3.740        | 3.371      | 12   | 1-3/4     | 3          | 1-15/16 | 13/16 | 3     | 1-13/32 | .444   | 3.6              | 2.3      |
| 15        | D60P15H        | P1       | 3.980        | 3.607      | 12   | 1-3/4     | 3          | 1-15/16 | 13/16 | 3     | 1-13/32 | .444   | 4.0              | 2.7      |
| 16        | D60P16H        | P1       | 4.220        | 3.844      | 13   | 1-3/4     | 2-7/32     | 1-15/16 | 1/32  | 3     | 5/8     | .444   | 3.7              | 2.4      |
| 17        | D60P17H        | P1       | 4.460        | 4.082      | 13   | 1-3/4     | 2-7/32     | 1-15/16 | 1/32  | 3     | 5/8     | .444   | 4.1              | 2.8      |
| 18        | D60P18H        | P1       | 4.700        | 4.319      | 13   | 1-3/4     | 2-7/32     | 1-15/16 | 1/32  | 3     | 5/8     | .444   | 4.7              | 3.4      |
| 19        | D60P19H        | P1       | 4.950        | 4.557      | 13   | 1-3/4     | 2-7/32     | 1-15/16 | 1/32  | 3     | 5/8     | .444   | 5.3              | 4.0      |
| 20        | D60P20H        | P1       | 5.190        | 4.794      | 13   | 1-3/4     | 2-7/32     | 1-15/16 | 1/32  | 3     | 5/8     | .444   | 6.0              | 4.7      |
| 21        | D60Q21H        | Q1       | 5.430        | 5.032      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 8.3              | 4.8      |
| 22        | D60Q22H        | Q1       | 5.670        | 5.270      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 9.1              | 5.6      |
| 23        | D60Q23H        | Q1       | 5.910        | 5.508      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 9.8              | 6.3      |
| 24        | D60Q24H        | Q1       | 6.150        | 5.746      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 10.5             | 7.0      |
| 25        | D60Q25H        | Q1       | 6.390        | 5.984      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 11.4             | 7.9      |
| 26        | D60Q26H        | Q1       | 6.630        | 6.222      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 12.3             | 8.8      |
| 27        | D60Q27H        | Q1       | 6.870        | 6.460      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 13.1             | 9.6      |
| 28        | D60Q28H        | Q1       | 7.110        | 6.699      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 14.0             | 10.5     |
| 30        | D60Q30H        | Q1       | 7.590        | 7.175      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 15.8             | 12.3     |
| 32        | D60Q32H        | Q1       | 8.070        | 7.652      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 17.8             | 14.3     |
| 35        | D60Q35H        | Q1       | 8.780        | 8.367      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 21.2             | 17.7     |
| 36        | D60Q36H        | Q1       | 9.020        | 8.605      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 21.9             | 18.4     |
| 40        | D60Q40H        | Q1       | 9.980        | 9.559      | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 27.4             | 23.9     |
| 42        | D60Q42         | Q1       | 10.460       | 10.036     | 12   | 2-11/16   | 2-25/32    | 2-1/2   | 0     | 4-1/8 | 1-5/32  | .444   | 29.8             | 26.3     |
| 42        | D60R42         | R1       | 10.460       | 10.036     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 1-17/32 | .444   | 33.2             | 25.7     |
| 45        | D60R45         | R1       | 11.180       | 10.752     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 1-17/32 | .444   | 37.7             | 30.2     |
| 48        | D60R48         | R1       | 11.890       | 11.467     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 1-17/32 | .444   | 42.6             | 35.1     |
| 52        | D60R52         | R1       | 12.850       | 12.422     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 1-17/32 | .444   | 49.3             | 41.8     |
| 54        | D60R54         | R1       | 13.330       | 12.899     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 1-17/32 | .444   | 52.6             | 45.1     |
| 60        | D60R60         | R1       | 14.760       | 14.331     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 1-17/32 | .444   | 62.3             | 54.8     |
| 68        | D60R68         | R1       | 16.670       | 16.240     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 1-17/32 | .444   | 81.3             | 73.8     |
| 72        | D60R72         | R1       | 17.630       | 17.194     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 1-17/32 | .444   | 89.3             | 81.8     |
| 76        | D60R76         | R1       | 18.580       | 18.149     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 1-17/32 | .444   | 100.5            | 93.0     |
| 84        | D60R84         | R1       | 20.490       | 20.058     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 1-17/32 | .444   | 118.5            | 111.0    |
| 95        | D60R95         | R1       | 23.120       | 22.683     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 1-17/32 | .444   | 155.5            | 148.0    |
| 96        | D60R96         | R1       | 23.360       | 22.922     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 1-17/32 | .444   | 162.5            | 155.0    |

Sprockets with "H" suffix have hardened teeth.



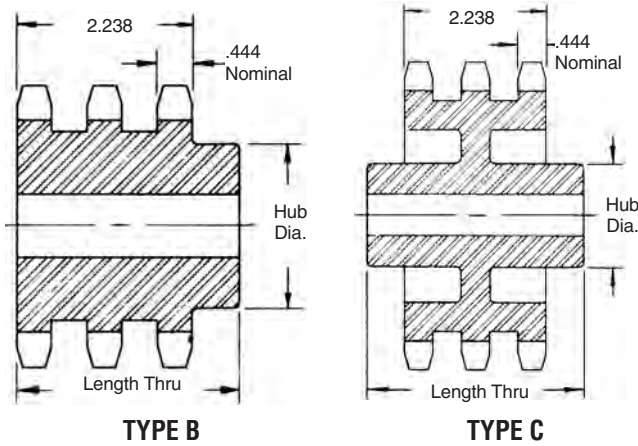
# Martin

## All Steel Stock Sprockets

# No. 60-3

## 3/4" Pitch

### Triple-Type B & C



| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 11        | E60B11H        | 3.000            | B    | 1             | 1 1/4     | 1 1/16       | 3           | 2.5                   |
| 12        | E60B12H        | 3.250            | B    | 1             | 1 1/4     | 2 1/8        | 3           | 3.3                   |
| 13        | E60B13H        | 3.490            | B    | 1             | 1 1/2     | 2 1/4        | 3           | 3.9                   |
| 14        | E60B14H        | 3.740            | B    | 1             | 1 1/2     | 2 1/2        | 3           | 4.5                   |
| 15        | E60B15H        | 3.980            | B    | 1             | 1 3/4     | 2 3/8        | 3           | 5.4                   |
| 16        | E60B16H        | 4.220            | B    | 1             | 2         | 3            | 3           | 6.5                   |
| 17        | E60B17H        | 4.460            | B    | 1             | 2 1/4     | 3 1/4        | 3           | 7.7                   |
| 18        | E60B18H        | 4.700            | B    | 1             | 2 3/8     | 3 1/2        | 3           | 8.5                   |
| 19        | E60B19H        | 4.950            | B    | 1             | 2 1/2     | 3 3/8        | 3           | 10.0                  |
| 20        | E60B20H        | 5.190            | B    | 1             | 2 3/4     | 3 3/4        | 3           | 11.2                  |
| 21        | E60B21H        | 5.430            | B    | 1             | 2 3/4     | 4 1/8        | 3           | 12.5                  |
| 22        | E60B22H        | 5.670            | B    | 1             | 2 3/4     | 4 1/4        | 3           | 13.2                  |
| 23        | E60B23H        | 5.910            | B    | 1             | 2 3/4     | 4 1/2        | 3           | 14.6                  |
| 24        | E60B24H        | 6.150            | B    | 1             | 2 3/4     | 4 3/4        | 3           | 15.8                  |
| 25        | E60B25H        | 6.390            | B    | 1             | 2 3/4     | 4 3/4        | 3           | 17.0                  |
| 26        | E60B26         | 6.630            | B    | 1             | 2 3/4     | 4 3/4        | 3           | 18.6                  |
| 30        | E60B30         | 7.590            | B    | 1             | 2 3/4     | 4 3/4        | 3           | 23.2                  |
| 35        | E60B35         | 8.780            | B    | 1 1/4         | 3         | 4 1/2        | 3 3/4       | 34.5                  |
| 36        | E60B36         | 9.020            | B    | 1 1/4         | 3         | 4 1/2        | 3 3/4       | 37.0                  |
| 42        | E60B42         | 10.460           | B    | 1 1/4         | 3 1/4     | 4 3/4        | 3 3/4       | 49.0                  |
| 45        | E60B45         | 11.180           | B    | 1 1/4         | 3 1/4     | 4 3/4        | 3 3/4       | 57.0                  |
| 52        | E60C52         | 12.850           | C    | 1 1/4         | 3 1/4     | 4 3/4        | 3 3/4       | 73.0                  |
| 60        | E60C60         | 14.760           | C    | 1 1/4         | 3 1/4     | 4 3/4        | 3 3/4       | 63.0                  |
| 68        | E60C68         | 16.670           | C    | 1 1/4         | 3 1/4     | 5            | 3 3/4       | 73.0                  |
| 72        | E60C72         | 17.630           | C    | 1 1/4         | 3 1/4     | 5            | 3 3/4       | 85.0                  |
| 76        | E60C76         | 18.580           | C    | 1 1/2         | 3 1/4     | 5 1/2        | 3 3/4       | 82.0                  |
| 95        | E60C95         | 23.120           | C    | 1 1/2         | 3 1/4     | 5 1/2        | 4           | 105.0                 |

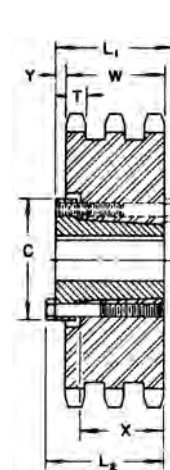
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

NOTE: Triple 60 stock sprockets with 25 teeth or less have hardened teeth. As indicated by H suffix.

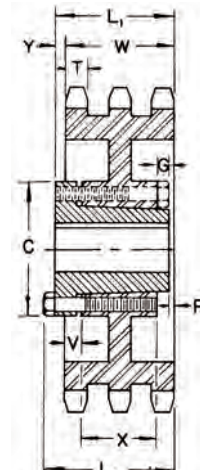
SPROCKETS

#### Alteration Charges

See current discount sheet for alteration charges.



QD — TYPE B



QD — TYPE B<sub>1</sub>

### Triple-Type QD

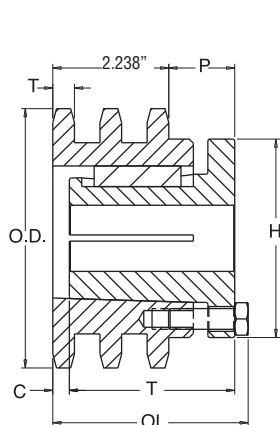
| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |   |        |      |     |      |       |      |       | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|-----------|----------------|----------------|---|--------|------|-----|------|-------|------|-------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C | Y      | P    | G   | V    | X     | T    | W     | With Hub         | Rim Only |
| 36        | E60E36         | E        | 9.020            | 8.605          | B    | 3 1/2     | 2 3/4          | 2 15/16        | 6 | 1 7/64 | 1/8  |     |      | 1 1/8 | .444 | 2.238 | 49               | 37       |
| 42        | E60E42         | E        | 10.460           | 10.036         | B    | 3 1/2     | 2 3/4          | 2 15/16        | 6 | 1 7/64 | 1/8  |     |      | 1 1/8 | .444 | 2.238 | 62               | 50       |
| 52        | E60E52         | E        | 12.850           | 12.422         | B    | 3 1/2     | 2 3/4          | 2 15/16        | 6 | 1 7/64 | 1/8  |     |      | 1 1/8 | .444 | 2.238 | 80               | 68       |
| 68        | E60E68         | E        | 16.670           | 16.240         | B1   | 3 1/2     | 2 3/4          | 3 3/4          | 6 | 3/16   | 3/16 | 1/8 | 5/16 | 1 1/8 | .444 | 2.238 | 83               | 71       |
| 76        | E60E76         | E        | 18.580           | 18.149         | B1   | 3 1/2     | 2 3/4          | 3 3/4          | 6 | 3/16   | 3/16 | 1/8 | 5/16 | 1 1/8 | .444 | 2.238 | 99               | 87       |
| 95        | E60E95         | E        | 23.120           | 22.683         | B1   | 3 1/2     | 2 3/4          | 3 3/4          | 6 | 3/16   | 3/16 | 1/8 | 5/16 | 1 1/8 | .444 | 2.238 | 129              | 117      |

# No. 60-3

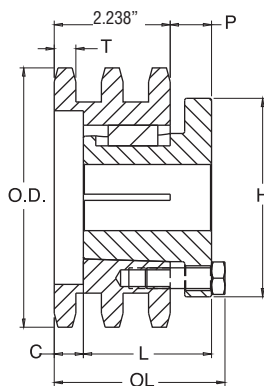
## 3/4" Pitch

**MST®**  
**Sprockets**

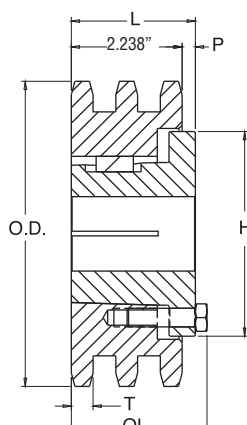
*Martin*



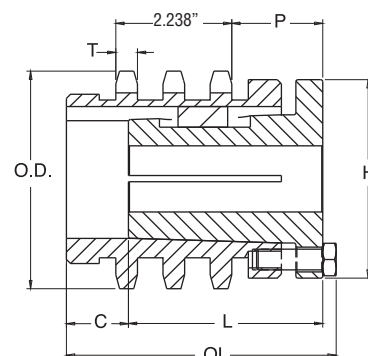
**TYPE 22**



**TYPE 24**



**TYPE 25**



**TYPE 27**

### Triple - MST® Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |         |         |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|---------|---------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C       | H     | P       | T(nom) | With Hub         | Rim Only |
| 13        | E60P13H        | P2       | 3.490        | 3.134      | 27   | 1-3/4     | 4-23/32    | 2-15/16 | 1 17/32 | 3     | 1-13/32 | .444   | 4.8              | 3.3      |
| 14        | E60P14H        | P2       | 3.740        | 3.371      | 22   | 1-3/4     | 3-29/32    | 2-15/16 | 1-23/32 | 3     | 1-13/32 | .444   | 4.8              | 3.3      |
| 15        | E60P15H        | P2       | 3.980        | 3.607      | 22   | 1-3/4     | 3-29/32    | 2-15/16 | 1-23/32 | 3     | 1-13/32 | .444   | 5.5              | 4.0      |
| 16        | E60P16H        | P1       | 4.220        | 3.844      | 24   | 1-3/4     | 3 1/8      | 1-15/16 | 15/16   | 3     | 5/8     | .444   | 4.7              | 3.4      |
| 17        | E60Q17H        | Q1       | 4.460        | 4.082      | 27   | 2-11/16   | 5          | 3-1/2   | 13/32   | 4-1/8 | 1-21/32 | .444   | 8.1              | 4.6      |
| 18        | E60Q18H        | Q1       | 4.700        | 4.319      | 22   | 2-11/16   | 4-3/16     | 3-1/2   | 13/32   | 4-1/8 | 1-21/32 | .444   | 8.5              | 5.0      |
| 19        | E60Q19H        | Q1       | 4.950        | 4.557      | 22   | 2-11/16   | 4-3/16     | 3-1/2   | 13/32   | 4-1/8 | 1-21/32 | .444   | 9.4              | 5.9      |
| 20        | E60Q20H        | Q1       | 5.190        | 4.794      | 22   | 2-11/16   | 4-3/16     | 3-1/2   | 13/32   | 4-1/8 | 1-21/32 | .444   | 10.5             | 7.0      |
| 21        | E60Q21H        | Q1       | 5.430        | 5.032      | 24   | 2-11/16   | 3-1/4      | 2-1/2   | 15/32   | 4-1/8 | 3/4     | .444   | 9.2              | 5.7      |
| 22        | E60Q22H        | Q1       | 5.670        | 5.270      | 24   | 2-11/16   | 3-1/4      | 2-1/2   | 15/32   | 4-1/8 | 3/4     | .444   | 10.1             | 6.6      |
| 23        | E60Q23H        | Q1       | 5.910        | 5.508      | 25   | 2-11/16   | 2-25/32    | 2-1/2   | 0       | 4-1/8 | 1/4     | .444   | 11.2             | 7.7      |
| 24        | E60Q24H        | Q1       | 6.150        | 5.746      | 25   | 2-11/16   | 2-25/32    | 2-1/2   | 0       | 4-1/8 | 1/4     | .444   | 12.3             | 8.8      |
| 25        | E60Q25H        | Q1       | 6.390        | 5.984      | 25   | 2-11/16   | 2-25/32    | 2-1/2   | 0       | 4-1/8 | 1/4     | .444   | 13.5             | 10.0     |
| 26        | E60Q26H        | Q1       | 6.630        | 6.222      | 25   | 2-11/16   | 2-25/32    | 2-1/2   | 0       | 4-1/8 | 1/4     | .444   | 14.6             | 11.1     |
| 27        | E60Q27H        | Q1       | 6.870        | 6.460      | 25   | 2-11/16   | 2-25/32    | 2-1/2   | 0       | 4-1/8 | 1/4     | .444   | 15.9             | 12.4     |
| 28        | E60Q28H        | Q1       | 7.110        | 6.699      | 25   | 2-11/16   | 2-25/32    | 2-1/2   | 0       | 4-1/8 | 1/4     | .444   | 17.1             | 13.6     |
| 30        | E60R30H        | R1       | 7.590        | 7.175      | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0       | 5-3/8 | 5/8     | .444   | 21.5             | 14.0     |
| 32        | E60R32H        | R1       | 8.070        | 7.652      | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0       | 5-3/8 | 5/8     | .444   | 26.5             | 19.0     |
| 35        | E60R35H        | R1       | 8.780        | 8.367      | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0       | 5-3/8 | 5/8     | .444   | 29.5             | 22.0     |
| 36        | E60R36H        | R1       | 9.020        | 8.605      | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0       | 5-3/8 | 5/8     | .444   | 30.9             | 23.4     |
| 40        | E60R40         | R1       | 9.980        | 9.559      | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0       | 5-3/8 | 5/8     | .444   | 38.8             | 31.3     |
| 42        | E60R42         | R1       | 10.460       | 10.036     | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0       | 5-3/8 | 5/8     | .444   | 42.8             | 35.3     |
| 52        | E60R52         | R1       | 12.850       | 12.422     | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0       | 5-3/8 | 5/8     | .444   | 70.7             | 63.2     |

Sprockets with "H" suffix have hardened teeth.

# Martin

## All Steel Stock Sprockets

# No. 80 1" Pitch

### Single Type "BS" — 2 Setscrews — Bored-To-Size

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (Approx.) | Stock Finished Bores Includes Keyway and Setscrews |   |                 |                 |                 |                 |                 |                 |                 |                 |                 |                                                           |
|-----------|----------------|------------------|------------------|-----------------------|----------------------------------------------------|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------------------------------------------|
| 9         | 80BS9          | 3.350            | 1 $\frac{1}{8}$  | 1.6                   | 1                                                  | — | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —                                                         |
| 10        | 80BS10         | 3.680            | 1 $\frac{1}{8}$  | 1.7                   | 1                                                  | — | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —                                                         |
| 10        | 80BS10W★       | 3.680            | 1 $\frac{1}{8}$  | 1.7                   |                                                    |   |                 |                 |                 |                 |                 |                 |                 |                 |                 |                                                           |
| 11        | 80BS11         | 4.010            | 1 $\frac{1}{8}$  | 1.8                   | 1                                                  | — | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —                                                         |
| 11        | 80BS11W★       | 4.010            | 1 $\frac{1}{8}$  | 1.8                   |                                                    |   |                 |                 |                 |                 |                 |                 |                 |                 |                 |                                                           |
| 12        | 80BS12         | 4.330            | 1 $\frac{1}{8}$  | 3.0                   | 1                                                  | — | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —                                                         |
| 12        | 80BS12W★       | 4.330            | 1 $\frac{1}{8}$  | 3.0                   |                                                    |   |                 |                 |                 |                 |                 |                 |                 |                 |                 |                                                           |
| 13        | 80BS13         | 4.660            | 1 $\frac{1}{2}$  | 3.5                   | 1                                                  | — | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —                                                         |
| 14        | 80BS14         | 4.980            | 1 $\frac{1}{2}$  | 4.1                   | 1                                                  | — | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —                                                         |
| 15        | 80BS15         | 5.300            | 1 $\frac{1}{2}$  | 5.2                   | 1                                                  | — | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —                                                         |
| 15        | 80BS15W★       | 5.300            | 1 $\frac{1}{2}$  | 5.3                   |                                                    |   |                 |                 |                 |                 |                 |                 |                 |                 |                 |                                                           |
| 16        | 80BS16         | 5.630            | 1 $\frac{1}{2}$  | 5.5                   | 1                                                  | — | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$                                      |
| 17        | 80BS17         | 5.950            | 1 $\frac{1}{2}$  | 6.0                   | 1                                                  | — | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$                    |
| 18        | 80BS18         | 6.270            | 1 $\frac{1}{2}$  | 6.5                   | 1                                                  | — | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$                    |
| 18        | 80BS18W★       | 6.270            | 1 $\frac{1}{2}$  | 6.0                   | 1 $\frac{1}{4}$                                    | — | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               |                                                           |
| 19        | 80BS19         | 6.590            | 1 $\frac{1}{2}$  | 7.0                   | 1                                                  | — | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$                    |
| 20        | 80BS20         | 6.910            | 1 $\frac{1}{2}$  | 8.0                   | 1                                                  | — | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$                    |
| 21        | 80BS21         | 7.240            | 1 $\frac{1}{2}$  | 8.9                   | 1                                                  | — | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$                    |
| 22        | 80BS22         | 7.560            | 1 $\frac{1}{2}$  | 9.5                   | 1                                                  | — | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$                    |
| 23        | 80BS23         | 7.880            | 1 $\frac{1}{2}$  | 10.2                  | 1                                                  | — | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$                    |
| 24        | 80BS24         | 8.200            | 1 $\frac{1}{2}$  | 10.8                  | 1                                                  | — | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$                    |
| 25        | 80BS25         | 8.520            | 1 $\frac{1}{2}$  | 11.4                  | 1                                                  | — | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$                    |
| 26        | 80BS26         | 8.840            | 2                | 14.0                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 27        | 80BS27         | 9.160            | 2                | 14.7                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 28        | 80BS28         | 9.480            | 2                | 15.3                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 29        | 80BS29         | 9.800            | 2                | 16.4                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 30        | 80BS30         | 10.110           | 2                | 16.7                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 31        | 80BS31         | 10.430           | 2                | 18.0                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 32        | 80BS32         | 10.750           | 2                | 18.8                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 33        | 80BS33         | 11.070           | 2                | 18.9                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 34        | 80BS34         | 11.390           | 2                | 20.6                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 35        | 80BS35         | 11.710           | 2                | 21.4                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 36        | 80BS36         | 12.030           | 2                | 22.4                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 37        | 80BS37         | 12.350           | 2                | 23.9                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 38        | 80BS38         | 12.670           | 2                | 24.0                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 39        | 80BS39         | 12.990           | 2                | 24.9                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 40        | 80BS40         | 13.310           | 2                | 26.0                  |                                                    |   |                 | 1 $\frac{1}{4}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 41        | 80BS41         | 13.630           | 2                | 27.1                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 42        | 80BS42         | 13.940           | 2                | 28.0                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 43        | 80BS43         | 14.260           | 2                | 29.3                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 44        | 80BS44         | 14.580           | 2                | 29.3                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 45        | 80BS45         | 14.900           | 2                | 30.7                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 46        | 80BS46         | 15.220           | 2                | 32.4                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 47        | 80BS47         | 15.540           | 2                | 33.3                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 48        | 80BS48         | 15.860           | 2                | 34.8                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 49        | 80BS49         | 16.180           | 2                | 35.1                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 50        | 80BS50         | 16.500           | 2                | 36.6                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 51        | 80BS51         | 16.810           | 2                | 38.5                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 52        | 80BS52         | 17.130           | 2                | 40.3                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 53        | 80BS53         | 17.450           | 2                | 42.2                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 54        | 80BS54         | 17.770           | 2                | 44.0                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 55        | 80BS55         | 18.090           | 2                | 46.3                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 56        | 80BS56         | 18.410           | 2                | 47.3                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 57        | 80BS57         | 18.730           | 2                | 48.9                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 58        | 80BS58         | 19.040           | 2                | 50.6                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 59        | 80BS59         | 19.360           | 2                | 52.2                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |
| 60        | 80BS60         | 19.680           | 2                | 58.8                  |                                                    |   |                 |                 | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 1 $\frac{1}{8}$ | —               | 2 — 2 $\frac{3}{16}$ — 2 $\frac{1}{2}$ — 2 $\frac{5}{16}$ |

Hub diameters vary to suit different bore sizes.

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH

★ W = Winch Sprockets — KW  $\frac{5}{16}$  ×  $\frac{5}{32}$  — One S.S. at 90°

SPROCKETS

# No. 80 1" Pitch

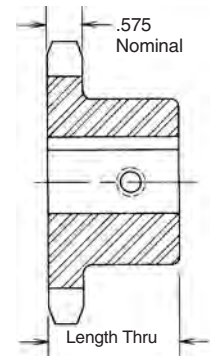
## All Steel Stock Sprockets

*Martin*

### Single Type "BS" Winch — 1 Setscrew

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (Approx.) | Stock Finished Bores Includes Keyway (see Footnote) and Set Screw at 90° from Keyway |
|-----------|----------------|------------------|------------------|-----------------------|--------------------------------------------------------------------------------------|
| 10        | 80BS10W        | 3.680            | 1%               | 1.7                   | 1 1/4                                                                                |
| 11        | 80BS11W        | 4.010            | 1%               | 1.8                   | 1 1/4                                                                                |
| 12        | 80BS12W        | 4.330            | 1%               | 3.0                   | 1 1/4                                                                                |
| 15        | 80BS15W        | 5.300            | 1%               | 5.2                   | 1 1/4                                                                                |
| 18        | 80BS18W        | 6.270            | 1%               | 7.8                   | 1 1/4 — 1 1/2                                                                        |

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.



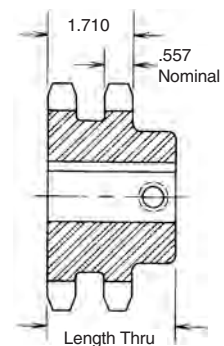
SINGLE TYPE BS

### Double Type "BS" Winch (Hardened Teeth) — 1 Setscrew

| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (Approx.) | Stock Finished Bores Includes Keyway (see Footnote) and Set Screw at 90° from Keyway |
|-----------|----------------|------------------|------------------|-----------------------|--------------------------------------------------------------------------------------|
| 12        | D80BS12HW      | 3.680            | 2%               | 5.2                   | 1 1/4 — 1 1/2 — 1 3/4                                                                |
| 15        | D80BS15HW      | 5.300            | 2%               | 9.2                   | 1 1/4 — 1 1/2 — 1 3/4                                                                |
| 18        | D80BS18HW      | 6.270            | 2%               | 13.5                  | 1 1/2 — 1 3/4 — 2                                                                    |
| 20        | D80BS20HW      | 6.910            | 2%               | 16.2                  | 1 1/2 — 1 3/4 — 2                                                                    |
| 24        | D80BS24HW      | 8.200            | 2%               | 23.2                  | 1 1/2 — 2                                                                            |

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

Footnote: 1 1/4 bore has a 5/16 x 5/32 keyway  
1 1/2 bore has a 5/16 x 5/32 keyway  
1 3/4 bore has a 3/8 x 3/16 keyway  
2 bore has a 3/8 x 3/16 keyway



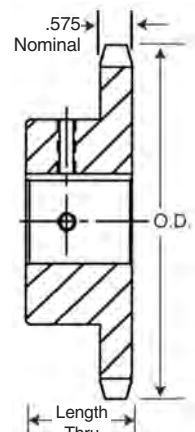
DOUBLE TYPE BS



### No. 80 — Hardened Teeth — 2 Setscrews

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

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH



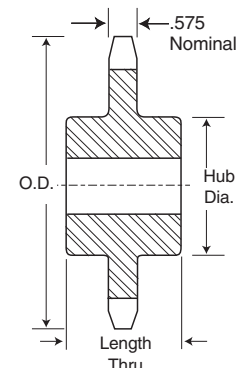
TYPE BS

*Martin* stock hardened teeth sprockets afford longer chain and sprocket life. Hardened teeth on the smaller sprocket of a roller chain drive are recommended if the drive ratio is four to one or greater or if the smaller sprocket has 24 teeth or less and is running at a speed of over 600 R.P.M.

### Single-Type C — Steel

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

★ Has recessed groove in hub for chain clearance.



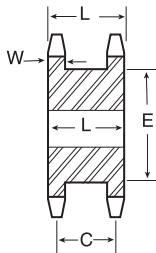
TYPE C

# Martin

## All Steel Stock Sprockets

# No. 80 1" Pitch

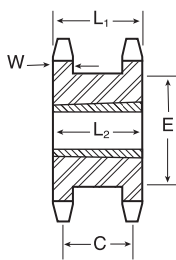
SPROCKETS



TYPE A

### Double Single-Type A — Steel

| No. Teeth | Catalog Number | Diameters        |                | Type | Min. Bore | Max. Bore                       | Dimensions                     |                               |                                |        | Wt. (Approx.) |
|-----------|----------------|------------------|----------------|------|-----------|---------------------------------|--------------------------------|-------------------------------|--------------------------------|--------|---------------|
|           |                | Outside Diameter | Pitch Diameter |      |           |                                 | L                              | C                             | E                              | w Nom. |               |
| 13        | DS80A13        | 4.660            | 4.179          | A    | 1         | 2                               | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub> | 3 <sup>1</sup> / <sub>4</sub>  | .575   | 6.5           |
| 14        | DS80A14        | 4.980            | 4.494          | A    | 1         | 2 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub> | 3 <sup>1</sup> / <sub>2</sub>  | .575   | 7.7           |
| 15        | DS80A15        | 5.300            | 4.810          | A    | 1         | 2 <sup>3</sup> / <sub>4</sub>   | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub> | 3 <sup>3</sup> / <sub>4</sub>  | .575   | 9.1           |
| 16        | DS80A16        | 5.630            | 5.126          | A    | 1         | 2 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub> | 4                              | .575   | 9.5           |
| 17        | DS80A17        | 5.950            | 5.442          | A    | 1         | 2 <sup>13</sup> / <sub>16</sub> | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub> | 4 <sup>3</sup> / <sub>16</sub> | .575   | 10.8          |
| 18        | DS80A18        | 6.270            | 5.759          | A    | 1         | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub> | 4 <sup>1</sup> / <sub>4</sub>  | .575   | 12.1          |
| 19        | DS80A19        | 6.590            | 6.076          | A    | 1         | 3 <sup>3</sup> / <sub>4</sub>   | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub> | 4 <sup>5</sup> / <sub>16</sub> | .575   | 12.8          |
| 20        | DS80A20        | 6.910            | 6.392          | A    | 1         | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub> | 5 <sup>3</sup> / <sub>32</sub> | .575   | 14.0          |
| 21        | DS80A21        | 7.240            | 6.710          | A    | 1         | 3 <sup>3</sup> / <sub>4</sub>   | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>2</sub>  | .575   | 16.5          |
| 22        | DS80A22        | 7.560            | 7.027          | A    | 1         | 3 <sup>3</sup> / <sub>4</sub>   | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub> | 5 <sup>9</sup> / <sub>32</sub> | .575   | 18.4          |
| 23        | DS80A23        | 7.880            | 7.344          | A    | 1         | 3 <sup>3</sup> / <sub>4</sub>   | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub> | 6 <sup>1</sup> / <sub>16</sub> | .575   | 20.5          |

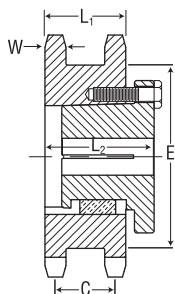


TAPER BUSH  
TYPE A

### Double Single-Taper Bushed — Steel

| No. Teeth | Catalog Number | Bushing Size | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions     |       |         |                |        | Wt. Rim Only |
|-----------|----------------|--------------|------------------|----------------|-----------|-----------|------|----------------|-------|---------|----------------|--------|--------------|
|           |                |              | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub> | C     | E       | L <sub>2</sub> | w Nom. |              |
| 17        | DS80ATB17H     | 2517         | 5.950            | 5.442          | 1/2       | 2 1/2     | A    | 2 3/16         | 1 1/8 | 4 3/16  | 1 1/4          | .575   | 7.6          |
| 18        | DS80ATB18H     | 2517         | 6.270            | 5.759          | 1/2       | 2 1/2     | A    | 2 3/16         | 1 1/8 | 4 1/4   | 1 1/4          | .575   | 8.7          |
| 19        | DS80ATB19H     | 3020         | 6.590            | 6.076          | 15/16     | 3         | A    | 2 3/16         | 1 1/8 | 4 5/16  | 2              | .575   | 9.7          |
| 20        | DS80ATB20H     | 3020         | 6.910            | 6.392          | 15/16     | 3         | A    | 2 3/16         | 1 1/8 | 5 3/32  | 2              | .575   | 10.0         |
| 21        | DS80ATB21H     | 3020         | 7.240            | 6.710          | 15/16     | 3         | A    | 2 3/16         | 1 1/8 | 5 19/32 | 2              | .575   | 12.0         |
| 22        | DS80ATB22H     | 3020         | 7.560            | 7.027          | 15/16     | 3         | A    | 2 3/16         | 1 1/8 | 5 59/64 | 2              | .575   | 13.0         |
| 23        | DS80ATB23H     | 3020         | 7.880            | 7.344          | 15/16     | 3         | A    | 2 3/16         | 1 1/8 | 6 15/64 | 2              | .575   | 14.5         |

Sprockets with "H" suffix have hardened teeth.



MST  
TYPE B

### Double Single- MST® — Steel

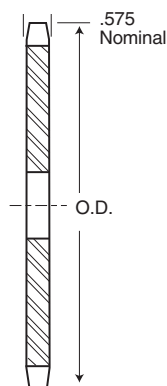
| No. Teeth | Catalog Number | Bushing Size | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions     |       |         |                |        | Wt. Rim Only |
|-----------|----------------|--------------|------------------|----------------|-----------|-----------|------|----------------|-------|---------|----------------|--------|--------------|
|           |                |              | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub> | C     | E       | L <sub>2</sub> | w Nom. |              |
| 17        | DS80Q17H       | Q1           | 5.950            | 5.442          | 3/4       | 2 1/16    | B    | 2 3/16         | 1 1/8 | 4 3/16  | 3 15/64        | .575   | 7.2          |
| 19        | DS80Q19H       | Q1           | 6.590            | 6.076          | 3/4       | 2 1/16    | B    | 2 3/16         | 1 1/8 | 4 5/16  | 3 15/64        | .575   | 10.5         |
| 20        | DS80Q20H       | Q1           | 6.910            | 6.392          | 3/4       | 2 1/16    | B    | 2 3/16         | 1 1/8 | 5 3/32  | 3 15/64        | .575   | 12.2         |
| 21        | DS80R21H       | R1           | 7.240            | 6.710          | 1 1/8     | 3 3/4     | B    | 2 3/16         | 1 1/8 | 5 19/32 | 3 23/64        | .575   | 12.8         |
| 23        | DS80R23H       | R1           | 7.880            | 7.344          | 1 1/8     | 3 3/4     | B    | 2 3/16         | 1 1/8 | 6 15/64 | 3 23/64        | .575   | 13.3         |

Sprockets with "H" suffix have hardened teeth.

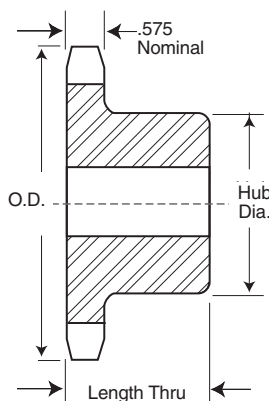
# No. 80 1" Pitch

## Stainless Steel Stock Sprockets

*Martin*



TYPE A



TYPE B

SPROCKETS

### Single-Type B & C

### Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|----------------------|------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                      |      |                |            |                       |
| 10        | 80B10SS        | 3.680            | B    | 1             | 1½        | 2⅝★          | 1%          | 2.2                  |      |                |            |                       |
| 11        | 80B11SS        | 4.010            | B    | 1             | 1%        | 2⅞★          | 1%          | 3.2                  |      |                |            |                       |
| 12        | 80B12SS        | 4.330            | B    | 1             | 1%        | 3⅛★          | 1%          | 3.4                  |      |                |            |                       |
| 13        | 80B13SS        | 4.660            | B    | 1             | 2         | 3            | 1½          | 3.5                  |      |                |            |                       |
| 14        | 80B14SS        | 4.980            | B    | 1             | 2¼        | 3¼           | 1½          | 4.1                  |      |                |            |                       |
| 15        | 80B15SS        | 5.300            | B    | 1             | 2½        | 3⅝           | 1½          | 5.3                  |      |                |            |                       |
| 16        | 80B16SS        | 5.630            | B    | 1             | 2¾        | 4            | 1½          | 5.9                  |      |                |            |                       |
| 17        | 80B17SS        | 5.950            | B    | 1             | 2¾        | 4            | 1½          | 6.6                  |      |                |            |                       |
| 18        | 80B18SS        | 6.270            | B    | 1             | 2¾        | 4¼           | 1½          | 7.3                  |      |                |            |                       |
| 19        | 80B19SS        | 6.590            | B    | 1             | 2¾        | 4¼           | 1½          | 7.8                  |      |                |            |                       |
| 20        | 80B20SS        | 6.910            | B    | 1             | 2¾        | 4¼           | 1½          | 8.4                  |      |                |            |                       |
| 21        | 80B21SS        | 7.240            | B    | 1             | 2¾        | 4¼           | 1¾          | 9.4                  | A    | 80A21SS        | 1⅝         | 4.9                   |
| 22        | 80B22SS        | 7.560            | B    | 1             | 2¾        | 4¼           | 1¾          | 10.0                 | A    | 80A22SS        | 1⅝         | 5.5                   |
| 23        | 80B23SS        | 7.880            | B    | 1             | 2¾        | 4¼           | 1¾          | 10.7                 | A    | 80A23SS        | 1⅝         | 6.3                   |
| 24        | 80B24SS        | 8.200            | B    | 1             | 2¾        | 4¼           | 1¾          | 11.3                 | A    | 80A24SS        | 1⅝         | 6.7                   |
| 25        | 80B25SS        | 8.520            | B    | 1             | 2¾        | 4¼           | 1¾          | 11.9                 | A    | 80A25SS        | 1⅝         | 7.2                   |
| 26        | 80B26SS        | 8.840            | B    | 1¼            | 3¼        | 4¾           | 2           | 14.3                 | A    | 80A26SS        | 1⅝         | 7.8                   |
| 30        | 80B30SS        | 10.110           | B    | 1¾            | 3¼        | 4¾           | 2           | 17.4                 | A    | 80A30SS        | 1¾         | 10.7                  |
| 35        | 80B35SS        | 11.710           | B    | 1¾            | 3¼        | 4¾           | 2           | 22.1                 | A    | 80A35SS        | 1¾         | 14.8                  |
| 40        | 80B40SS        | 13.310           | B    | 1¾            | 3¼        | 4¾           | 2           | 26.7                 | A    | 80A40SS        | 1¾         | 18.9                  |

★ Has recessed groove in hub for chain clearance.

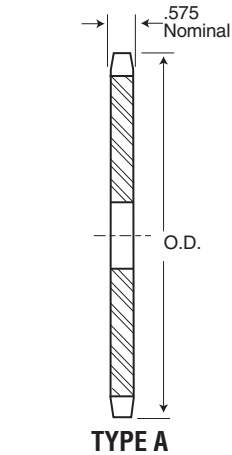
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.



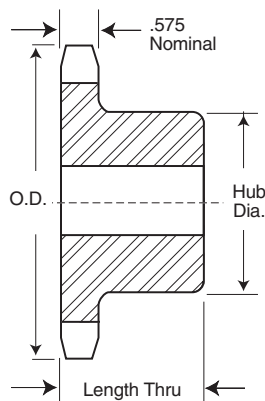
# Martin

## All Steel Stock Sprockets

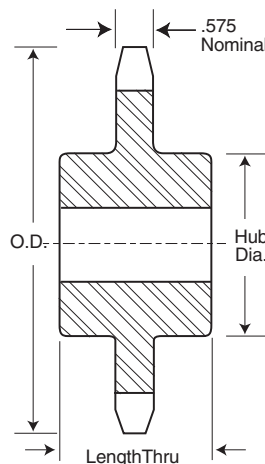
# No. 80 1" Pitch



TYPE A



TYPE B



TYPE C

### Single-Type B & C

### Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches)                  |                                | Hub (inches)                      |                               | Weight Lbs (Approx.) | Type | Catalog Number | Stock Bore                     | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|--------------------------------|--------------------------------|-----------------------------------|-------------------------------|----------------------|------|----------------|--------------------------------|-----------------------|
|           |                |                  |      | Stock                          | Rec. Max.                      | Dia.                              | Length Thru                   |                      |      |                |                                |                       |
| 8         | 80B8           | 3.010            | B    | 1                              | 1                              | 1 <sup>15</sup> / <sub>16</sub> ★ | 1 <sup>1</sup> / <sub>2</sub> | 1.4                  |      |                |                                |                       |
| 9         | 80B9           | 3.350            | B    | 1                              | 1 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>4</sub> ★   | 1 <sup>1</sup> / <sub>2</sub> | 1.6                  | A    | 80A9           | <sup>15</sup> / <sub>16</sub>  | .8                    |
| 10        | 80B10          | 3.680            | B    | 1                              | 1 <sup>1</sup> / <sub>2</sub>  | 2 <sup>3</sup> / <sub>16</sub> ★  | 1 <sup>1</sup> / <sub>2</sub> | 2.2                  | A    | 80A10          | <sup>15</sup> / <sub>16</sub>  | 1.0                   |
| 11        | 80B11          | 4.010            | B    | 1                              | 1 <sup>1</sup> / <sub>2</sub>  | 2 <sup>1</sup> / <sub>2</sub> ★   | 1 <sup>1</sup> / <sub>2</sub> | 3.2                  | A    | 80A11          | <sup>15</sup> / <sub>16</sub>  | 1.3                   |
| 12        | 80B12          | 4.330            | B    | 1                              | 1 <sup>1</sup> / <sub>2</sub>  | 3 <sup>1</sup> / <sub>16</sub> ★  | 1 <sup>1</sup> / <sub>2</sub> | 3.4                  | A    | 80A12          | <sup>15</sup> / <sub>16</sub>  | 1.5                   |
| 13        | 80B13          | 4.660            | B    | 1                              | 2                              | 3                                 | 1 <sup>1</sup> / <sub>2</sub> | 3.5                  | A    | 80A13          | <sup>15</sup> / <sub>16</sub>  | 1.8                   |
| 14        | 80B14          | 4.980            | B    | 1                              | 2 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>     | 1 <sup>1</sup> / <sub>2</sub> | 4.1                  | A    | 80A14          | <sup>15</sup> / <sub>16</sub>  | 2.2                   |
| 15        | 80B15          | 5.300            | B    | 1                              | 2 <sup>1</sup> / <sub>2</sub>  | 3 <sup>3</sup> / <sub>16</sub>    | 1 <sup>1</sup> / <sub>2</sub> | 5.3                  | A    | 80A15          | <sup>15</sup> / <sub>16</sub>  | 2.5                   |
| 16        | 80B16          | 5.630            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4                                 | 1 <sup>1</sup> / <sub>2</sub> | 5.9                  | A    | 80A16          | <sup>15</sup> / <sub>16</sub>  | 2.9                   |
| 17        | 80B17          | 5.950            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4                                 | 1 <sup>1</sup> / <sub>2</sub> | 6.6                  | A    | 80A17          | <sup>15</sup> / <sub>16</sub>  | 3.3                   |
| 18        | 80B18          | 6.270            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>     | 1 <sup>1</sup> / <sub>2</sub> | 7.3                  | A    | 80A18          | <sup>15</sup> / <sub>16</sub>  | 3.7                   |
| 19        | 80B19          | 6.590            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>     | 1 <sup>1</sup> / <sub>2</sub> | 7.8                  | A    | 80A19          | <sup>15</sup> / <sub>16</sub>  | 4.1                   |
| 20        | 80B20          | 6.910            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>     | 1 <sup>1</sup> / <sub>2</sub> | 8.4                  | A    | 80A20          | <sup>15</sup> / <sub>16</sub>  | 4.7                   |
| 21        | 80B21          | 7.240            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>     | 1 <sup>1</sup> / <sub>2</sub> | 9.4                  | A    | 80A21          | <sup>15</sup> / <sub>16</sub>  | 4.9                   |
| 22        | 80B22          | 7.560            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>     | 1 <sup>1</sup> / <sub>2</sub> | 10.0                 | A    | 80A22          | <sup>15</sup> / <sub>16</sub>  | 5.5                   |
| 23        | 80B23          | 7.880            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>     | 1 <sup>1</sup> / <sub>2</sub> | 10.7                 | A    | 80A23          | <sup>15</sup> / <sub>16</sub>  | 6.3                   |
| 24        | 80B24          | 8.200            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>     | 1 <sup>1</sup> / <sub>2</sub> | 11.3                 | A    | 80A24          | <sup>15</sup> / <sub>16</sub>  | 6.7                   |
| 25        | 80B25          | 8.520            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>     | 1 <sup>1</sup> / <sub>2</sub> | 11.9                 | A    | 80A25          | <sup>15</sup> / <sub>16</sub>  | 7.2                   |
| 26        | 80B26          | 8.840            | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 14.3                 | A    | 80A26          | 1 <sup>3</sup> / <sub>16</sub> | 7.8                   |
| 27        | 80B27          | 9.160            | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 15.4                 | A    | 80A27          | 1 <sup>3</sup> / <sub>16</sub> | 8.6                   |
| 28        | 80B28          | 9.480            | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 16.0                 | A    | 80A28          | 1 <sup>3</sup> / <sub>16</sub> | 9.3                   |
| 29        | 80B29          | 9.800            | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 17.1                 | A    | 80A29          | 1 <sup>3</sup> / <sub>16</sub> | 9.8                   |
| 30        | 80B30          | 10.110           | B    | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 17.4                 | A    | 80A30          | 1 <sup>3</sup> / <sub>16</sub> | 10.7                  |
| 31        | 80B31          | 10.430           | B    | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 18.7                 | A    | 80A31          | 1 <sup>3</sup> / <sub>16</sub> | 11.3                  |
| 32        | 80B32          | 10.750           | B    | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 19.5                 | A    | 80A32          | 1 <sup>3</sup> / <sub>16</sub> | 12.1                  |
| 33        | 80B33          | 11.070           | B    | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 19.6                 | A    | 80A33          | 1 <sup>3</sup> / <sub>16</sub> | 13.6                  |
| 34        | 80B34          | 11.390           | B    | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 21.3                 | A    | 80A34          | 1 <sup>3</sup> / <sub>16</sub> | 14.3                  |
| 35        | 80B35          | 11.710           | B    | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 22.1                 | A    | 80A35          | 1 <sup>3</sup> / <sub>16</sub> | 14.8                  |
| 36        | 80B36          | 12.030           | B    | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 23.1                 | A    | 80A36          | 1 <sup>3</sup> / <sub>16</sub> | 16.1                  |
| 37        | 80B37          | 12.350           | B    | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 23.8                 | A    | 80A37          | 1 <sup>3</sup> / <sub>16</sub> | 16.8                  |
| 38        | 80B38          | 12.670           | B    | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 24.7                 | A    | 80A38          | 1 <sup>3</sup> / <sub>16</sub> | 17.2                  |
| 39        | 80B39          | 12.990           | B    | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 25.6                 | A    | 80A39          | 1 <sup>3</sup> / <sub>16</sub> | 17.9                  |
| 40        | 80B40          | 13.310           | B    | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 26.7                 | A    | 80A40          | 1 <sup>3</sup> / <sub>16</sub> | 18.9                  |
| 41        | 80B41          | 13.630           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 27.8                 | A    | 80A41          | 1 <sup>1</sup> / <sub>4</sub>  | 21.0                  |
| 42        | 80B42          | 13.940           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 28.7                 | A    | 80A42          | 1 <sup>1</sup> / <sub>4</sub>  | 21.8                  |
| 43        | 80B43          | 14.260           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 29.4                 | A    | 80A43          | 1 <sup>1</sup> / <sub>4</sub>  | 23.6                  |
| 44        | 80B44          | 14.580           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 29.9                 | A    | 80A44          | 1 <sup>1</sup> / <sub>4</sub>  | 24.3                  |
| 45        | 80B45          | 14.900           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 31.4                 | A    | 80A45          | 1 <sup>1</sup> / <sub>4</sub>  | 25.2                  |
| 46        | 80B46          | 15.220           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 33.1                 | A    | 80A46          | 1 <sup>1</sup> / <sub>4</sub>  | 26.6                  |
| 47        | 80B47          | 15.540           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 34.0                 | A    | 80A47          | 1 <sup>1</sup> / <sub>4</sub>  | 26.4                  |
| 48        | 80B48          | 15.860           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 35.5                 | A    | 80A48          | 1 <sup>1</sup> / <sub>4</sub>  | 27.8                  |
| 49        | 80B49          | 16.180           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 35.8                 | A    | 80A49          | 1 <sup>1</sup> / <sub>4</sub>  | 28.9                  |
| 50        | 80B50          | 16.500           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 37.3                 | A    | 80A50          | 1 <sup>1</sup> / <sub>4</sub>  | 30.9                  |
| 51        | 80B51          | 16.810           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 38.6                 | A    | 80A51          | 1 <sup>1</sup> / <sub>4</sub>  | 32.2                  |
| 52        | 80B52          | 17.130           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 39.4                 | A    | 80A52          | 1 <sup>1</sup> / <sub>4</sub>  | 33.0                  |
| 53        | 80B53          | 17.450           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>4</sub>     | 2                             | 41.3                 | A    | 80A53          | 1 <sup>1</sup> / <sub>4</sub>  | 34.9                  |
| 54        | 80B54          | 17.770           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>2</sub>  | 5 <sup>1</sup> / <sub>2</sub>     | 2                             | 44.7                 | A    | 80A54          | 1 <sup>1</sup> / <sub>4</sub>  | 36.6                  |
| 55        | 80B55          | 18.090           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>2</sub>  | 5 <sup>1</sup> / <sub>2</sub>     | 2                             | 45.6                 | A    | 80A55          | 1 <sup>1</sup> / <sub>4</sub>  | 37.5                  |
| 56        | 80B56          | 18.410           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>2</sub>  | 5 <sup>1</sup> / <sub>2</sub>     | 2                             | 47.5                 | A    | 80A56          | 1 <sup>1</sup> / <sub>4</sub>  | 39.4                  |
| 57        | 80B57          | 18.730           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>2</sub>  | 5 <sup>1</sup> / <sub>2</sub>     | 2                             | 48.5                 | A    | 80A57          | 1 <sup>1</sup> / <sub>4</sub>  | 40.4                  |
| 58        | 80B58          | 19.040           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>2</sub>  | 5 <sup>1</sup> / <sub>2</sub>     | 2                             | 50.5                 | A    | 80A58          | 1 <sup>1</sup> / <sub>4</sub>  | 41.3                  |
| 59        | 80B59          | 19.360           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>2</sub>  | 5 <sup>1</sup> / <sub>2</sub>     | 2                             | 52.1                 | A    | 80A59          | 1 <sup>1</sup> / <sub>4</sub>  | 42.9                  |
| 60        | 80B60          | 19.680           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>2</sub>  | 5 <sup>1</sup> / <sub>2</sub>     | 2                             | 54.5                 | A    | 80A60          | 1 <sup>1</sup> / <sub>4</sub>  | 45.3                  |
| 65        | 80B65          | 21.270           | B    | 1 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>2</sub>  | 5 <sup>1</sup> / <sub>2</sub>     | 2                             | 61.8                 | A    | 80A65          | 1 <sup>1</sup> / <sub>4</sub>  | 52.2                  |
| 70        | 80C70          | 22.870           | C    | 1 <sup>1</sup> / <sub>2</sub>  | 4 <sup>1</sup> / <sub>4</sub>  | 6 <sup>1</sup> / <sub>4</sub>     | 3 <sup>1</sup> / <sub>2</sub> | 75.7                 | A    | 80A70          | 1 <sup>1</sup> / <sub>2</sub>  | 59.8                  |
| 72        | 80C72          | 23.500           | C    | 1 <sup>1</sup> / <sub>2</sub>  | 4 <sup>1</sup> / <sub>4</sub>  | 6 <sup>1</sup> / <sub>4</sub>     | 3 <sup>1</sup> / <sub>2</sub> | 81.4                 | A    | 80A72          | 1 <sup>1</sup> / <sub>2</sub>  | 65.7                  |
| 76        | 80C76          | 24.780           | C    | 1 <sup>1</sup> / <sub>2</sub>  | 4 <sup>1</sup> / <sub>4</sub>  | 6 <sup>1</sup> / <sub>4</sub>     | 3 <sup>1</sup> / <sub>2</sub> | 87.8                 | A    | 80A76          | 1 <sup>1</sup> / <sub>2</sub>  | 70.2                  |
| 80        | 80C80          | 26.050           | C    | 1 <sup>1</sup> / <sub>2</sub>  | 4 <sup>1</sup> / <sub>4</sub>  | 6 <sup>1</sup> / <sub>4</sub>     | 3 <sup>1</sup> / <sub>2</sub> | 89.9                 | A    | 80A80          | 1 <sup>1</sup> / <sub>2</sub>  | 79.6                  |
| 84        | 80C84          | 27.330           | C    | 1 <sup>1</sup> / <sub>2</sub>  | 4 <sup>1</sup> / <sub>4</sub>  | 6 <sup>1</sup> / <sub>4</sub>     | 3 <sup>1</sup> / <sub>2</sub> | 99.2                 | A    | 80A84          | 1 <sup>1</sup> / <sub>2</sub>  | 86.1                  |
| 90        | 80C90          | 29.240           | C    | 1 <sup>1</sup> / <sub>2</sub>  | 4 <sup>1</sup> / <sub>4</sub>  | 6 <sup>1</sup> / <sub>4</sub>     | 3 <sup>1</sup> / <sub>2</sub> | 106.0                | A    | 80A90          | 1 <sup>1</sup> / <sub>2</sub>  | 101.0                 |
| 96        | 80C96          | 31.150           | C    | 1 <sup>1</sup> / <sub>2</sub>  | 4 <sup>1</sup> / <sub>4</sub>  | 6 <sup>1</sup> / <sub>4</sub>     | 3 <sup>1</sup> / <sub>2</sub> | 117.0                | A    | 80A96          | 1 <sup>1</sup> / <sub>2</sub>  | 120.0                 |
| 112       | 80C112         | 36.240           | C    | 1 <sup>1</sup> / <sub>2</sub>  | 4 <sup>1</sup> / <sub>4</sub>  | 6 <sup>1</sup> / <sub>4</sub>     | 3 <sup>1</sup> / <sub>2</sub> | 154.0                | A    | 80A112         | 1 <sup>1</sup> / <sub>2</sub>  | 165.0                 |

★ Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

SPROCKETS

# No. 80

## 1" Pitch

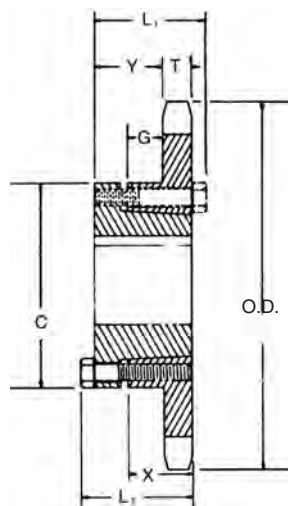
# All Steel Stock Sprockets

# Martin

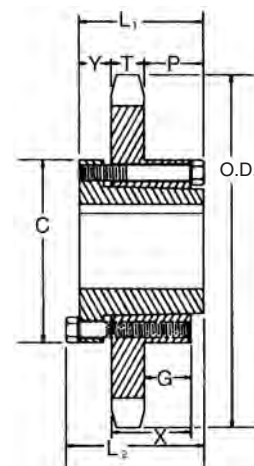
## Single-Type QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 11        | 80SH11H        |
| 12        | 80SH12H        |
| 13        | 80SDS13H       |
| 14        | 80SDS14H       |
| 15        | 80SK15H        |
| 16        | 80SK16H        |
| 17        | 80SK17H        |
| 18        | 80SK18H        |
| 19        | 80SK19H        |
| 20        | 80SF20H        |
| 21        | 80SF21H        |
| 22        | 80SF22H        |
| 23        | 80SF23H        |
| 24        | 80SF24H        |
| 25        | 80SF25H        |
| 26        | 80SF26H        |
| 27        | 80SF27H        |
| 28        | 80SF28H        |
| 30        | 80SF30H        |

**SABER  
TOOTH®**



QD — TYPE B



QD — TYPE C

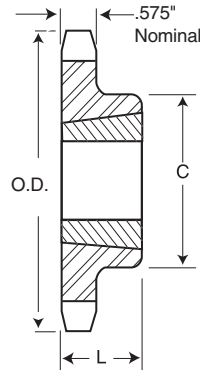
## Single-Type QD

| No. Teeth | Catalog Number | Bush-<br>ing | Diameters           |                   | Type | Max.<br>Bore                    | Dimensions                     |                                 |                                |                                 |                                |                                 |                                |      | Weight (Approx.) |             |
|-----------|----------------|--------------|---------------------|-------------------|------|---------------------------------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|--------------------------------|------|------------------|-------------|
|           |                |              | Outside<br>Diameter | Pitch<br>Diameter |      |                                 | L <sub>1</sub>                 | L <sub>2</sub>                  | C                              | Y                               | P                              | G                               | X                              | T    | With<br>Hub      | Rim<br>Only |
| 11        | 80SH11         | SH           | 4.010               | 3.550             | B    | 1%                              | 1 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>16</sub>  | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>32</sub>  |                                | 1 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>16</sub> | .575 | 2.0              | 1.0         |
| 12        | 80SH12         | SH           | 4.330               | 3.864             | B    | 1%                              | 1 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>16</sub>  | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>32</sub>  |                                | 1 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>16</sub> | .575 | 2.4              | 1.4         |
| 13        | 80SDS13        | SDS          | 4.660               | 4.179             | B    | 2                               | 1 <sup>1</sup> / <sub>2</sub>  | 1 <sup>1</sup> / <sub>2</sub>   | 3 <sup>3</sup> / <sub>16</sub> | 4 <sup>7</sup> / <sub>64</sub>  |                                | 1 <sup>1</sup> / <sub>64</sub>  | 3/4                            | .575 | 2.5              | 1.5         |
| 14        | 80SDS14        | SDS          | 4.980               | 4.494             | B    | 2                               | 1 <sup>1</sup> / <sub>2</sub>  | 1 <sup>1</sup> / <sub>2</sub>   | 3 <sup>3</sup> / <sub>16</sub> | 4 <sup>7</sup> / <sub>64</sub>  |                                | 1 <sup>1</sup> / <sub>64</sub>  | 3/4                            | .575 | 2.8              | 1.8         |
| 15        | 80SK15         | SK           | 5.300               | 4.810             | B    | 2%                              | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub>  | 3%                             | 1 <sup>19</sup> / <sub>64</sub> |                                | 2 <sup>1</sup> / <sub>32</sub>  | 1 <sup>1</sup> / <sub>4</sub>  | .575 | 4.5              | 2.5         |
| 16        | 80SK16         | SK           | 5.630               | 5.126             | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 5.1              | 3.1         |
| 17        | 80SK17         | SK           | 5.950               | 5.442             | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 5.5              | 3.5         |
| 18        | 80SK18         | SK           | 6.270               | 5.759             | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 5.9              | 3.9         |
| 19        | 80SK19         | SK           | 6.590               | 6.076             | B    | 2%                              | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub>  | 3%                             | 1 <sup>19</sup> / <sub>64</sub> |                                | 2 <sup>1</sup> / <sub>32</sub>  | 1 <sup>1</sup> / <sub>4</sub>  | .575 | 6.4              | 4.4         |
| 20        | 80SF20         | SF           | 6.910               | 6.392             | B    | 2 <sup>19</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>4</sub>  | 2 <sup>1</sup> / <sub>4</sub>   | 4%                             | 1 <sup>27</sup> / <sub>64</sub> |                                | 2 <sup>1</sup> / <sub>32</sub>  | 1 <sup>1</sup> / <sub>4</sub>  | .575 | 8.3              | 5.3         |
| 21        | 80SF21         | SF           | 7.240               | 6.710             | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 8.7              | 5.7         |
| 22        | 80SF22         | SF           | 7.560               | 7.027             | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 9.3              | 6.3         |
| 23        | 80SF23         | SF           | 7.880               | 7.344             | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 9.8              | 6.8         |
| 24        | 80SF24         | SF           | 8.200               | 7.661             | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 10.5             | 7.5         |
| 25        | 80SF25         | SF           | 8.520               | 7.979             | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 11.0             | 8.0         |
| 26        | 80SF26         | SF           | 8.840               | 8.296             | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 11.6             | 8.6         |
| 27        | 80SF27         | SF           | 9.160               | 8.614             | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 12.4             | 9.4         |
| 28        | 80SF28         | SF           | 9.480               | 8.931             | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 13.2             | 10.2        |
| 30        | 80SF30         | SF           | 10.110              | 9.567             | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 14.3             | 11.3        |
| 32        | 80SF32         | SF           | 10.750              | 10.202            | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 16.0             | 13.0        |
| 33        | 80SF33         | SF           | 11.070              | 10.520            | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 16.5             | 13.5        |
| 34        | 80SF34         | SF           | 11.390              | 10.838            | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 17.1             | 14.1        |
| 35        | 80SF35         | SF           | 11.710              | 11.156            | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 18.5             | 15.5        |
| 36        | 80SF36         | SF           | 12.030              | 11.474            | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 19.9             | 16.9        |
| 40        | 80SF40         | SF           | 13.310              | 12.746            | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 23.6             | 20.6        |
| 42        | 80SF42         | SF           | 13.940              | 13.382            | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 25.4             | 22.4        |
| 45        | 80SF45         | SF           | 14.900              | 14.336            | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 28.1             | 25.1        |
| 48        | 80SF48         | SF           | 15.860              | 15.290            | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 31.6             | 28.6        |
| 54        | 80SF54         | SF           | 17.770              | 17.198            | B    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 39.8             | 36.8        |
| 60        | 80SF60         | SF           | 19.680              | 19.107            | B    | 2 <sup>19</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>4</sub>  | 2 <sup>1</sup> / <sub>4</sub>   | 4%                             | 1 <sup>27</sup> / <sub>64</sub> |                                | 2 <sup>1</sup> / <sub>32</sub>  | 1 <sup>1</sup> / <sub>4</sub>  | .575 | 48.8             | 45.8        |
| 70        | 80E70          | E            | 22.870              | 22.289            | C    | 3%                              | 2%                             | 2 <sup>19</sup> / <sub>64</sub> | 6                              | 7/8                             | 1 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>64</sub>  | 1%                             | .575 | 65.6             | 55.6        |
| 72        | 80E72          | E            | 23.500              | 22.926            | C    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 69.3             | 59.3        |
| 80        | 80E80          | E            | 26.050              | 25.471            | C    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 79.2             | 69.2        |
| 84        | 80E84          | E            | 27.330              | 26.744            | C    |                                 |                                |                                 |                                |                                 |                                |                                 |                                |      | 84.9             | 74.9        |
| 96        | 80E96          | E            | 31.150              | 30.563            | C    | 3 <sup>1</sup> / <sub>2</sub>   | 2%                             | 2 <sup>19</sup> / <sub>64</sub> | 6                              | 7/8                             | 1 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>64</sub>  | 1%                             | .575 | 108              | 97.5        |
| 112       | 80F112         | F            | 36.240              | 35.655            | C    | 3 <sup>1</sup> / <sub>16</sub>  | 3%                             | 4                               | 6%                             | 1                               | 2 <sup>1</sup> / <sub>16</sub> | 1 <sup>39</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>2</sub>  | .575 | 145              | 134         |

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H<sup>®</sup>

### Single-Taper Bushed with Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 10        | 80BTB10H       |
| 11        | 80BTB11H       |
| 12        | 80BTB12H       |
| 13        | 80BTB13H       |
| 14        | 80BTB14H       |
| 15        | 80BTB15H       |
| 16        | 80BTB16H       |
| 17        | 80BTB17H       |
| 18        | 80BTB18H       |
| 19        | 80BTB19H       |
| 20        | 80BTB20H       |
| 21        | 80BTB21H       |
| 22        | 80BTB22H       |
| 23        | 80BTB23H       |
| 24        | 80BTB24H       |
| 25        | 80BTB25H       |
| 26        | 80BTB26H       |
| 27        | 80BTB27H       |
| 28        | 80BTB28H       |
| 30        | 80BTB30H       |



TYPE B



SPROCKETS

### Single-Taper Bushed

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

## 1" Pitch

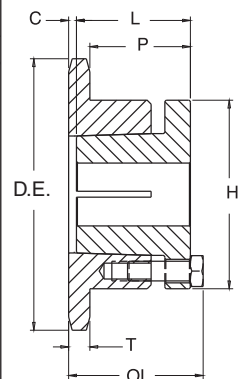
# MST®

## Sprockets

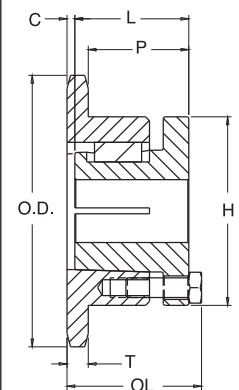
# Martin

### Single - MST® Sprockets

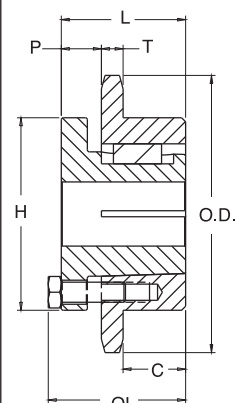
| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |         |        |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|---------|--------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C      | H     | P       | T(nom) | With Hub         | Rim Only |
| 10        | 80H10H         | H        | 3.680        | 3.236      | 3    | 1-1/2     | 2-3/32     | 11/4    | 21/32  | 2-1/2 | 1-21/64 | .575   | 2.8              | 2.0      |
| 11        | 80H11H         | H        | 4.010        | 3.550      | 3    | 1-1/2     | 1-1/2      | 1-1/4   | 1/16   | 2-1/2 | 3/4     | .575   | 2.1              | 1.3      |
| 11        | 80P11H         | P        | 4.010        | 3.550      | 4    | 1-3/4     | 2-11/32    | 1-15/16 | 5/32   | 3     | 1-17/32 | .575   | 2.4              | 1.6      |
| 12        | 80P12H         | P1       | 4.330        | 3.864      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0      | 3     | 1-3/8   | .575   | 3.3              | 2.0      |
| 13        | 80P13H         | P1       | 4.660        | 4.179      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0      | 3     | 1-3/8   | .575   | 3.7              | 2.4      |
| 14        | 80P14H         | P1       | 4.980        | 4.494      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0      | 3     | 1-3/8   | .575   | 3.9              | 2.6      |
| 14        | 80Q14H         | Q1       | 4.980        | 4.494      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 6.4              | 2.9      |
| 15        | 80P15H         | P1       | 5.300        | 4.810      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0      | 3     | 1-3/8   | .575   | 4.3              | 3.0      |
| 15        | 80Q15H         | Q1       | 5.300        | 4.810      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 6.9              | 3.4      |
| 16        | 80P16H         | P1       | 5.630        | 5.126      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0      | 3     | 1-3/8   | .575   | 4.8              | 3.5      |
| 16        | 80Q16H         | Q1       | 5.630        | 5.126      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 8.1              | 4.6      |
| 17        | 80P17H         | P1       | 5.950        | 5.442      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0      | 3     | 1-3/8   | .575   | 5.1              | 3.8      |
| 17        | 80Q17H         | Q1       | 5.950        | 5.442      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 8.8              | 5.3      |
| 18        | 80P18H         | P1       | 6.270        | 5.759      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0      | 3     | 1-3/8   | .575   | 5.7              | 4.4      |
| 18        | 80Q18H         | Q1       | 6.270        | 5.759      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 9.5              | 6.0      |
| 19        | 80P19H         | P1       | 6.590        | 6.076      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0      | 3     | 1-3/8   | .575   | 6.2              | 4.9      |
| 19        | 80Q19H         | Q1       | 6.590        | 6.076      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 10.0             | 6.5      |
| 20        | 80Q20H         | Q1       | 6.910        | 6.392      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 10.5             | 7.0      |
| 21        | 80Q21H         | Q1       | 7.240        | 6.710      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 10.8             | 7.3      |
| 22        | 80Q22H         | Q1       | 7.560        | 7.027      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 11.7             | 8.2      |
| 23        | 80Q23H         | Q1       | 7.880        | 7.344      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 12.3             | 8.8      |
| 24        | 80Q24H         | Q1       | 8.200        | 7.661      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 12.6             | 9.1      |
| 25        | 80Q25H         | Q1       | 8.520        | 7.979      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 13.1             | 9.6      |
| 26        | 80Q26H         | Q1       | 8.840        | 8.296      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 14.1             | 10.6     |
| 27        | 80Q27H         | Q1       | 9.160        | 8.614      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 14.4             | 10.9     |
| 28        | 80Q28H         | Q1       | 9.480        | 8.931      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 15.9             | 12.4     |
| 29        | 80Q29H         | Q1       | 9.800        | 9.249      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 16.1             | 12.6     |
| 30        | 80Q30H         | Q1       | 10.110       | 9.567      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 16.9             | 13.4     |
| 31        | 80Q31          | Q1       | 10.430       | 9.885      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 17.4             | 13.9     |
| 32        | 80Q32          | Q1       | 10.750       | 10.202     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 18.3             | 14.8     |
| 33        | 80Q33          | Q1       | 11.070       | 10.520     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 19.0             | 15.5     |
| 34        | 80Q34          | Q1       | 11.390       | 10.838     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 19.8             | 16.3     |
| 35        | 80Q35          | Q1       | 11.710       | 11.156     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 21.3             | 17.8     |
| 36        | 80Q36          | Q1       | 12.030       | 11.474     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 21.6             | 18.1     |
| 36        | 80R36          | R1       | 12.030       | 11.474     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 27.0             | 19.5     |
| 37        | 80Q37          | Q1       | 12.350       | 11.792     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 22.0             | 18.5     |
| 38        | 80Q38          | Q1       | 12.670       | 12.110     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 23.5             | 20.0     |
| 39        | 80R39          | R1       | 12.990       | 12.428     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 30.3             | 22.8     |
| 40        | 80Q40          | Q1       | 13.310       | 12.746     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 25.4             | 21.9     |
| 40        | 80R40          | R1       | 13.310       | 12.746     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 30.9             | 23.4     |
| 41        | 80R41          | R1       | 13.630       | 13.064     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 31.4             | 23.9     |
| 42        | 80Q42          | Q1       | 13.940       | 13.382     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 27.3             | 23.8     |
| 42        | 80R42          | R1       | 13.940       | 13.382     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 32.9             | 25.4     |
| 44        | 80R44          | R1       | 14.580       | 14.018     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 34.7             | 27.2     |
| 45        | 80Q45          | Q1       | 14.900       | 14.336     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 31.3             | 27.8     |
| 45        | 80R45          | R1       | 14.900       | 14.336     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 36.0             | 28.5     |
| 47        | 80R47          | R1       | 15.540       | 14.972     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 38.5             | 31.0     |
| 48        | 80Q48          | Q1       | 15.860       | 15.290     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 34.3             | 30.8     |
| 48        | 80R48          | R1       | 15.860       | 15.290     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 39.8             | 32.3     |
| 50        | 80R50          | R1       | 16.500       | 15.926     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 42.6             | 35.1     |
| 54        | 80Q54          | Q1       | 17.770       | 17.198     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 42.0             | 38.5     |
| 54        | 80R54          | R1       | 17.770       | 17.198     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 48.3             | 40.8     |
| 56        | 80R56          | R1       | 18.410       | 17.835     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 51.5             | 44.0     |
| 60        | 80Q60          | Q1       | 19.680       | 19.107     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-15/16 | .575   | 50.3             | 46.8     |
| 60        | 80R60          | R1       | 19.680       | 19.107     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 54.8             | 47.3     |
| 70        | 80Q70          | Q1       | 22.870       | 22.289     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 2 5/16  | .575   | 63.5             | 60.0     |
| 70        | 80R70          | R1       | 22.870       | 22.289     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2 5/16  | .575   | 71.0             | 63.5     |
| 72        | 80Q72          | Q1       | 23.500       | 22.926     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 2 5/16  | .575   | 71.0             | 67.5     |
| 72        | 80R72          | R1       | 23.500       | 22.926     | 5    | 3-3/4     | 3-5/32     | 2-7/8   | 1-7/16 | 5-3/8 | 7/8     | .575   | 76.9             | 69.4     |
| 80        | 80R80          | R1       | 26.050       | 25.471     | 5    | 3-3/4     | 3-5/32     | 2-7/8   | 1-7/16 | 5-3/8 | 7/8     | .575   | 92.5             | 85.0     |
| 84        | 80R84          | R1       | 27.330       | 26.744     | 5    | 3-3/4     | 3-5/32     | 2-7/8   | 1-7/16 | 5-3/8 | 7/8     | .575   | 97.5             | 90.0     |
| 96        | 80R96          | R1       | 31.150       | 30.563     | 5    | 3-3/4     | 3-5/32     | 2-7/8   | 1-7/16 | 5-3/8 | 7/8     | .575   | 117.5            | 110.0    |
| 112       | 80S112         | S1       | 36.240       | 36.655     | 5    | 4-1/4     | 4-3/4      | 4-3/8   | 2 3/4  | 6-3/8 | 1-1/8   | .575   | 178.5            | 165.0    |



TIPO 3



TYPE 4



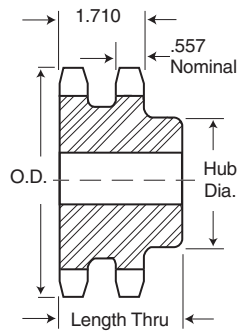
TYPE 5

Sprockets with "H" suffix have hardened teeth.

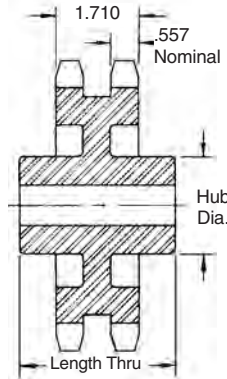
# Martin

## All Steel Stock Sprockets

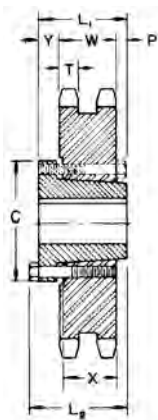
# No. 80-2 1" Pitch



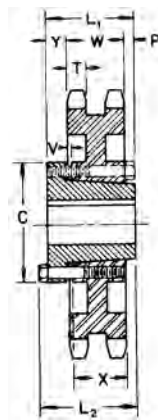
TYPE B



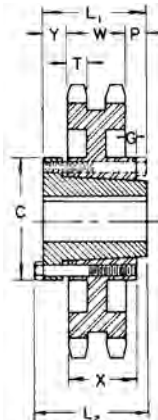
TYPE C



QD — TYPE C<sub>1</sub>



QD — TYPE C<sub>3</sub>



QD — TYPE C<sub>4</sub>

### Double-Type B & C

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 10        | D80B10H        | 3.680            | B    | 1             | 1½        | 2⅞★          | 2½          | 3.6                   |
| 11        | D80B11H        | 4.010            | B    | 1             | 1¾        | 2½           | 2½          | 4.0                   |
| 12        | D80B12H        | 4.330            | B    | 1             | 1¾        | 2⅝½          | 2½          | 5.1                   |
| 13        | D80B13H        | 4.660            | B    | 1             | 2¼        | 3⅝½          | 2½          | 6.3                   |
| 14        | D80B14H        | 4.980            | B    | 1             | 2¾        | 3⅝½          | 2½          | 7.6                   |
| 15        | D80B15H        | 5.300            | B    | 1             | 2¾        | 3⅝¾          | 2½          | 9.0                   |
| 16        | D80B16H        | 5.630            | B    | 1             | 2¾        | 4            | 2½          | 11.0                  |
| 17        | D80B17H        | 5.950            | B    | 1             | 3         | 4⅝¾          | 2½          | 13.2                  |
| 18        | D80B18H        | 6.270            | B    | 1             | 3¼        | 4⅝¾          | 2½          | 15.0                  |
| 19        | D80B19H        | 6.590            | B    | 1             | 3⅝        | 5            | 2½          | 17.0                  |
| 20        | D80B20H        | 6.910            | B    | 1             | 3⅝        | 5            | 2½          | 18.2                  |
| 21        | D80B21H        | 7.240            | B    | 1             | 3⅝        | 5            | 2½          | 19.6                  |
| 22        | D80B22H        | 7.560            | B    | 1             | 3⅝        | 5            | 2½          | 21.0                  |
| 23        | D80B23H        | 7.880            | B    | 1             | 3⅝        | 5            | 2½          | 22.8                  |
| 24        | D80B24H        | 8.200            | B    | 1             | 3¾        | 5¼           | 2½          | 25.1                  |
| 25        | D80B25H        | 8.520            | B    | 1             | 3¾        | 5¼           | 3           | 28.3                  |
| 26        | D80B26         | 8.840            | B    | 1             | 3¾        | 5¼           | 3           | 29.9                  |
| 30        | D80B30         | 10.110           | B    | 1¼            | 3¾        | 5¾           | 3           | 39.5                  |
| 32        | D80B32         | 10.750           | B    | 1¼            | 3¾        | 5¾           | 3           | 43.8                  |
| 35        | D80B35         | 11.710           | B    | 1¼            | 3¾        | 5¾           | 3           | 49.1                  |
| 36        | D80B36         | 12.030           | B    | 1¼            | 3¾        | 5¾           | 3⅝          | 54.2                  |
| 42        | D80B42         | 13.940           | B    | 1¼            | 3¾        | 5¾           | 3⅝          | 71.5                  |
| 45        | D80B45         | 14.900           | B    | 1¼            | 3¾        | 5¾           | 3⅝          | 73.5                  |
| 52        | D80C52         | 17.130           | C    | 1½            | 3¾        | 5¾           | 3⅝          | 78.4                  |
| 60        | D80C60         | 19.680           | C    | 1½            | 3¾        | 5¾           | 3⅝          | 93.3                  |
| 68        | D80C68         | 22.230           | C    | 1½            | 3⅞        | 6            | 4           | 96.2                  |
| 76        | D80C76         | 24.780           | C    | 1½            | 3⅞        | 6            | 4           | 113                   |
| 95        | D80C95         | 30.830           | C    | 1½            | 4         | 6            | 4¼          | 165                   |

★ Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

NOTE: Double 80 stock sprockets with 25 teeth or less have hardened teeth. As indicated by H suffix.

#### Alteration Charges

See current discount sheet for alteration charges.

### Double-Type QD

| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |    |    |    |    |    |    |      |       | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|-----------|----------------|----------------|----|----|----|----|----|----|------|-------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C  | Y  | P  | G  | V  | X  | T    | W     | With Hub         | Rim Only |
| 36        | D80E36         | E        | 12.030           | 11.474         | C1   | 3½        | 2¾             | 2⅞             | 6  | ⅝¼ | ⅞  |    |    | 1¾ | .557 | 1.710 | 48.3             | 38.2     |
| 42        | D80E42         | E        | 13.940           | 13.382         | C1   | 3½        | 2¾             | 2⅞             | 6  | ⅝¼ | ⅞  |    |    | 1¾ | .557 | 1.710 | 65.3             | 55.3     |
| 45        | D80E45         | E        | 14.900           | 14.336         | C1   | 3½        | 2¾             | 2⅞             | 6  | ⅝¼ | ⅞  |    |    | 1¾ | .557 | 1.710 | 74.6             | 64.6     |
| 52        | D80E52         | E        | 17.130           | 16.562         | C3   | 3½        | 2¾             | 2⅞             | 6  | ⅝¼ | ⅞  |    | ⅝½ | 1¾ | .557 | 1.710 | 68.2             | 58.2     |
| 60        | D80E60         | E        | 19.680           | 19.107         | C3   | 3½        | 2¾             | 2⅞             | 6  | ⅝¼ | ⅞  |    | ⅝½ | 1¾ | .557 | 1.710 | 78.2             | 68.2     |
| 68        | D80E68         | E        | 22.230           | 21.653         | C3   | 3½        | 2¾             | 2⅞             | 6  | ⅝¼ | ⅞  |    | ⅝½ | 1¾ | .557 | 1.710 | 84.2             | 74.2     |
| 76        | D80E76         | E        | 24.780           | 24.198         | C3   | 3½        | 2¾             | 2⅞             | 6  | ⅝¼ | ⅞  |    | ⅝½ | 1¾ | .557 | 1.710 | 100.0            | 90.1     |
| 95        | D80F95         | F        | 30.830           | 30.245         | C4   | 3⅞        | 3¾             | 4              | 6¾ | 1  | ⅝¼ | ⅝¼ |    | 2½ | .557 | 1.710 | 152.0            | 140.0    |

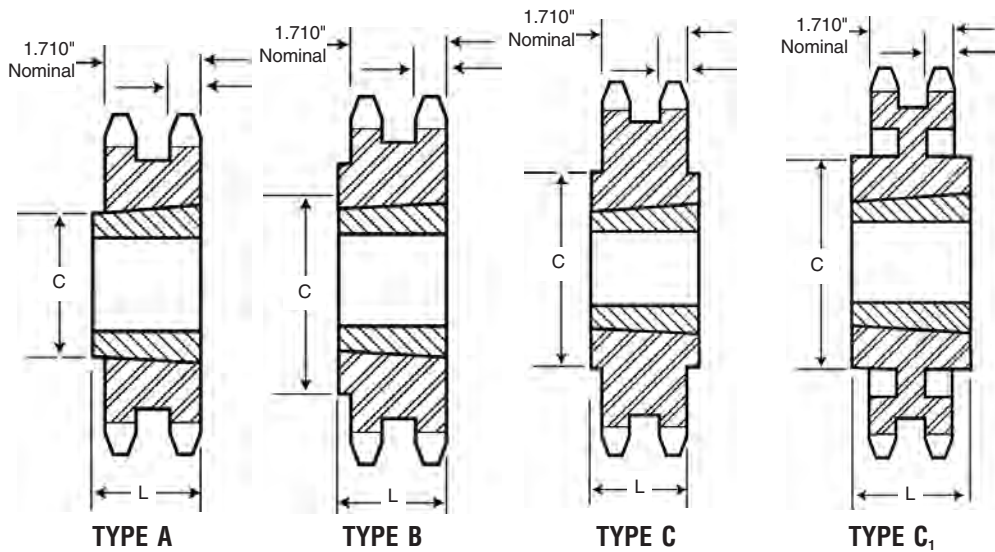
SPROCKETS



# No. 80-2 1" Pitch

## All Steel Stock Sprockets

*Martin*



### Double-Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameter         |                | Max. Bore | Dimensions |    | Type | Weight (Approx.) |              |
|-----------|----------------|---------|------------------|----------------|-----------|------------|----|------|------------------|--------------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C  |      | Rim Only         | Bushing Only |
| 13        | D80ATB13H      | 1615    | 4.657            | 4.179          | 1%        | 1½         |    | A    | 3.4              | 1.2          |
| 14        | D80ATB14H      | 2012    | 4.982            | 4.494          | 2         | 1¾         |    | A    | 3.5              | 1.7          |
| 15        | D80ATB15H      | 2012    | 5.305            | 4.810          | 2         | 1¾         |    | A    | 4.3              | 1.7          |
| 16        | D80ATB16H      | 2517    | 5.627            | 5.126          | 2½        | 1¾         | 3½ | A    | 3.8              | 3.5          |
| 17        | D80ATB17H      | 2517    | 5.950            | 5.442          | 2½        | 1¾         | 3½ | A    | 5.1              | 3.5          |
| 18        | D80ATB18H      | 2517    | 6.271            | 5.759          | 2½        | 1¾         | 3½ | A    | 6.4              | 3.5          |
| 19        | D80BTB19H      | 3020    | 6.593            | 6.076          | 3         | 2          | 5  | B    | 5.6              | 6.5          |
| 20        | D80BTB20H      | 3020    | 6.914            | 6.392          | 3         | 2          | 5½ | B    | 7.1              | 6.5          |
| 21        | D80BTB21H      | 3020    | 7.235            | 6.710          | 3         | 2          | 5⅞ | B    | 8.9              | 6.5          |
| 25        | D80BTB25H      | 3020    | 8.516            | 7.979          | 3         | 2          | 6½ | B    | 16.5             | 6.5          |
| 30        | D80CTB30       | 3020    | 10.114           | 9.567          | 3         | 2          | 5¼ | C    | 25.1             | 6.5          |
| 36        | D80CTB36       | 3020    | 12.030           | 11.474         | 3         | 2          | 5¼ | C    | 39.4             | 6.5          |
| 42        | D80CTB42       | 3020    | 13.944           | 13.392         | 3         | 2          | 5¼ | C    | 36.4             | 6.5          |
| 45        | D80CTB45       | 3020    | 14.901           | 14.336         | 3         | 2          | 5¼ | C1   | 41.4             | 6.5          |
| 52        | D80CTB52       | 3020    | 17.132           | 16.562         | 3         | 2          | 5¼ | C1   | 56.2             | 6.5          |
| 60        | D80CTB60       | 3020    | 19.681           | 19.107         | 3         | 2          | 5¼ | C1   | 66.3             | 6.5          |
| 68        | D80CTB68       | 3020    | 22.230           | 21.653         | 3         | 2          | 5¼ | C1   | 72.0             | 6.5          |
| 76        | D80CTB76       | 3020    | 24.778           | 24.198         | 3         | 2          | 5¼ | C1   | 89.1             | 6.5          |
| 95        | D80CTB95       | 3020    | 30.828           | 30.245         | 3         | 2          | 5¼ | C1   | 112.0            | 6.5          |

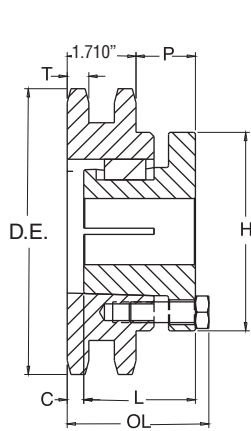
NOTE: Double 80 stock sprockets with 25 teeth or less have hardened teeth. As indicated by H suffix.



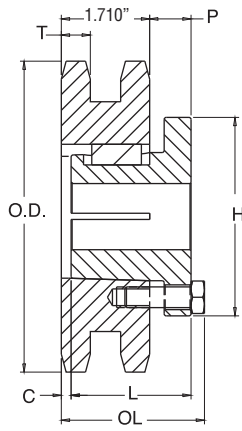
# Martin

## MST® Sprockets

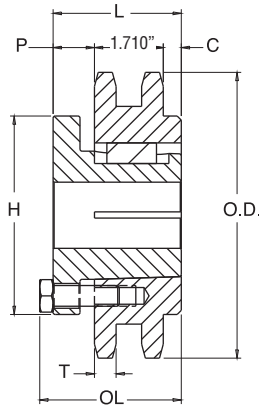
# No. 80-2 1" Pitch



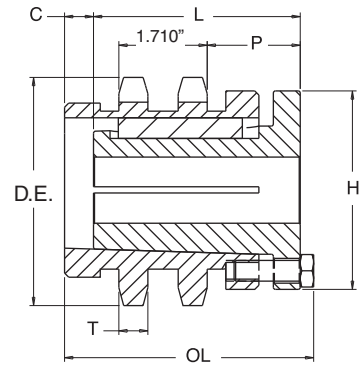
TIPO 12



TYPE 13



TYPE 15



TIPO 16

### Double- MST® Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |         |        |       |        |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|---------|--------|-------|--------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C      | H     | P      | T(nom) | With Hub         | Rim Only |
| 13        | D80P13H        | P1       | 4.660        | 4.179      | 13   | 1-3/4     | 2-19/32    | 1-15/16 | 13/32  | 3     | 5/8    | .557   | 4.9              | 3.6      |
| 14        | D80Q14H        | Q2       | 4.980        | 4.494      | 16   | 2-5/8     | 4 5/8      | 3-1/2   | 27/32  | 4-1/8 | 1-3/4  | .557   | 9.9              | 5.4      |
| 15        | D80Q15H        | Q2       | 5.300        | 4.810      | 12   | 2-5/8     | 3-25/32    | 3-1/2   | 0      | 4-1/8 | 13/4   | .557   | 9.9              | 5.4      |
| 16        | D80Q16H        | Q1       | 5.630        | 5.126      | 13   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 3/4    | .557   | 8.3              | 4.8      |
| 17        | D80Q17H        | Q1       | 5.950        | 5.442      | 13   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 3/4    | .557   | 9.5              | 6.0      |
| 18        | D80Q18H        | Q1       | 6.270        | 5.759      | 13   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 3/4    | .557   | 10.8             | 7.3      |
| 19        | D80Q19H        | Q1       | 6.590        | 6.076      | 13   | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 3/4    | .557   | 12.0             | 8.5      |
| 20        | D80R20H        | R1       | 6.910        | 6.392      | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 1-5/32 | .557   | 15.3             | 7.8      |
| 21        | D80R21H        | R1       | 7.240        | 6.710      | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 1-5/32 | .557   | 16.9             | 9.4      |
| 22        | D80R22H        | R1       | 7.560        | 7.027      | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 1-5/32 | .557   | 18.3             | 10.8     |
| 23        | D80R23H        | R1       | 7.880        | 7.344      | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 1-5/32 | .557   | 19.8             | 12.3     |
| 24        | D80R24H        | R1       | 8.200        | 7.661      | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 1-5/32 | .557   | 21.6             | 14.1     |
| 25        | D80R25H        | R1       | 8.520        | 7.979      | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 1-5/32 | .557   | 23.3             | 15.8     |
| 26        | D80R26         | R1       | 8.840        | 8.296      | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 1-5/32 | .557   | 25.6             | 18.1     |
| 27        | D80R27         | R1       | 9.160        | 8.614      | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 1-5/32 | .557   | 27.9             | 20.4     |
| 28        | D80R28         | R1       | 9.480        | 8.931      | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 1-5/32 | .557   | 30.2             | 22.7     |
| 30        | D80R30         | R1       | 10.110       | 9.567      | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 1-5/32 | .557   | 34.3             | 26.8     |
| 36        | D80R36         | R1       | 12.030       | 11.474     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 1-5/32 | .557   | 49.1             | 41.6     |
| 42        | D80R42         | R1       | 13.940       | 13.382     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 1-5/32 | .557   | 65.5             | 58.0     |
| 45        | D80R45         | R1       | 14.900       | 14.336     | 12   | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 1-5/32 | .557   | 75.5             | 68.0     |
| 48        | D80R48         | R2       | 15.860       | 15.290     | 15   | 3-5/8     | 5-5/32     | 4-7/8   | 2-9/32 | 5-3/8 | 7/8    | .557   | 97.0             | 86.0     |
| 52        | D80R52         | R2       | 17.130       | 16.562     | 15   | 3-5/8     | 5-5/32     | 4-7/8   | 2-9/32 | 5-3/8 | 7/8    | .557   | 114.0            | 103.0    |
| 54        | D80R54         | R2       | 17.770       | 17.198     | 15   | 3-5/8     | 5-5/32     | 4-7/8   | 2-9/32 | 5-3/8 | 7/8    | .557   | 122.0            | 111.0    |
| 60        | D80R60         | R2       | 19.680       | 19.107     | 15   | 3-5/8     | 5-5/32     | 4-7/8   | 2-9/32 | 5-3/8 | 7/8    | .557   | 146.0            | 135.0    |
| 68        | D80R68         | R2       | 22.230       | 21.653     | 15   | 3-5/8     | 5-5/32     | 4-7/8   | 2-9/32 | 5-3/8 | 7/8    | .557   | 187.0            | 176.0    |
| 72        | D80R72         | R2       | 23.500       | 22.926     | 15   | 3-5/8     | 5-5/32     | 4-7/8   | 2-9/32 | 5-3/8 | 7/8    | .557   | 209.0            | 198.0    |
| 76        | D80U76         | U0       | 24.780       | 24.198     | 15   | 5-1/2     | 5-23/32    | 5-1/4   | 2-1/32 | 8-3/8 | 1-1/2  | .557   | 249.0            | 219.0    |
| 95        | D80U95         | U0       | 30.830       | 30.245     | 15   | 51/2      | 5-23/32    | 5-1/4   | 2-1/32 | 8-3/8 | 1-1/2  | .557   | 372.0            | 342.0    |

Sprockets with "H" suffix have hardened teeth.

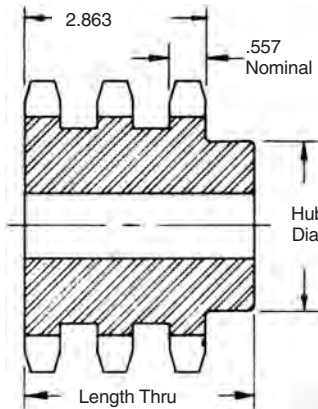
SPROCKETS

# No. 80-3 1" Pitch

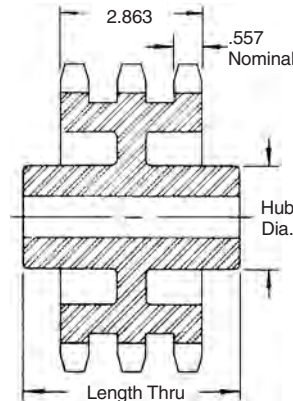
## All Steel Stock Sprockets

*Martin*

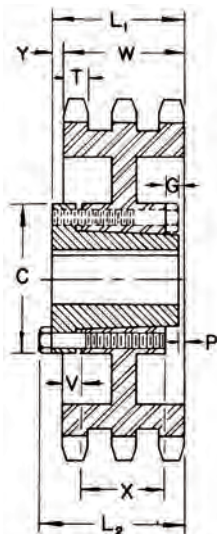
SPROCKETS



TYPE B



TYPE C



QD — TYPE B<sub>1</sub>



### Triple-Type B & C

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches)   |                 | Hub (inches)     |                 | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|-----------------|-----------------|------------------|-----------------|-----------------------|
|           |                |                  |      | Stock           | Rec. Max.       | Dia.             | Length Thru     |                       |
| 11        | E80B11H        | 4.010            | B    | 1               | 1 $\frac{1}{8}$ | 2 $\frac{1}{2}$  | 3 $\frac{1}{8}$ | 5.9                   |
| 12        | E80B12H        | 4.330            | B    | 1               | 1 $\frac{1}{8}$ | 2 $\frac{7}{16}$ | 3 $\frac{1}{8}$ | 7.5                   |
| 13        | E80B13H        | 4.660            | B    | 1               | 2 $\frac{1}{4}$ | 3 $\frac{1}{2}$  | 3 $\frac{1}{8}$ | 9.2                   |
| 14        | E80B14H        | 4.980            | B    | 1               | 2 $\frac{1}{2}$ | 3 $\frac{1}{2}$  | 3 $\frac{1}{8}$ | 11.0                  |
| 15        | E80B15H        | 5.300            | B    | 1               | 2 $\frac{1}{2}$ | 3 $\frac{5}{16}$ | 3 $\frac{1}{8}$ | 13.1                  |
| 16        | E80B16H        | 5.630            | B    | 1               | 2 $\frac{1}{2}$ | 4                | 3 $\frac{1}{8}$ | 15.8                  |
| 17        | E80B17H        | 5.950            | B    | 1               | 3               | 4 $\frac{1}{4}$  | 3 $\frac{1}{8}$ | 18.6                  |
| 18        | E80B18H        | 6.270            | B    | 1               | 3 $\frac{1}{4}$ | 4 $\frac{7}{16}$ | 3 $\frac{1}{8}$ | 21.2                  |
| 19        | E80B19H        | 6.590            | B    | 1               | 3 $\frac{1}{2}$ | 5                | 3 $\frac{1}{8}$ | 23.7                  |
| 20        | E80B20H        | 6.910            | B    | 1               | 3 $\frac{1}{2}$ | 5                | 3 $\frac{1}{8}$ | 26.0                  |
| 21        | E80B21H        | 7.240            | B    | 1               | 3 $\frac{1}{2}$ | 5                | 3 $\frac{1}{8}$ | 28.4                  |
| 22        | E80B22H        | 7.560            | B    | 1               | 3 $\frac{1}{2}$ | 5                | 3 $\frac{1}{8}$ | 31.0                  |
| 23        | E80B23H        | 7.880            | B    | 1               | 3 $\frac{1}{2}$ | 5                | 3 $\frac{1}{8}$ | 33.6                  |
| 24        | E80B24H        | 8.200            | B    | 1               | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$  | 3 $\frac{1}{8}$ | 37.1                  |
| 25        | E80B25H        | 8.520            | B    | 1               | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$  | 3 $\frac{1}{8}$ | 40.1                  |
| 26        | E80B26         | 8.840            | B    | 1               | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$  | 3 $\frac{1}{8}$ | 42.9                  |
| 30        | E80B30         | 10.110           | B    | 1 $\frac{1}{4}$ | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$  | 4 $\frac{1}{4}$ | 54.5                  |
| 35        | E80B35         | 11.710           | B    | 1 $\frac{1}{4}$ | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$  | 4 $\frac{1}{4}$ | 79.5                  |
| 36        | E80B36         | 12.030           | B    | 1 $\frac{1}{4}$ | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$  | 4 $\frac{1}{4}$ | 83.9                  |
| 42        | E80C42         | 13.940           | C    | 1 $\frac{1}{4}$ | 3 $\frac{1}{2}$ | 6                | 4 $\frac{1}{2}$ | 84.9                  |
| 45        | E80C45         | 14.900           | C    | 1 $\frac{1}{4}$ | 3 $\frac{1}{2}$ | 6                | 4 $\frac{1}{2}$ | 92.4                  |
| 52        | E80C52         | 17.130           | C    | 1 $\frac{1}{2}$ | 3 $\frac{1}{2}$ | 6                | 4 $\frac{1}{2}$ | 107.0                 |
| 60        | E80C60         | 19.680           | C    | 1 $\frac{1}{2}$ | 4 $\frac{1}{4}$ | 6 $\frac{1}{4}$  | 4 $\frac{1}{4}$ | 128.0                 |
| 68        | E80C68         | 22.230           | C    | 1 $\frac{1}{2}$ | 4 $\frac{1}{4}$ | 6 $\frac{1}{4}$  | 4 $\frac{1}{4}$ | 140.0                 |
| 76        | E80C76         | 24.780           | C    | 1 $\frac{1}{2}$ | 4 $\frac{1}{4}$ | 6 $\frac{1}{4}$  | 4 $\frac{1}{4}$ | 165.0                 |
| 95        | E80C95         | 30.830           | C    | 1 $\frac{1}{2}$ | 4 $\frac{1}{2}$ | 6 $\frac{1}{4}$  | 5               | 240.0                 |

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat. As indicated by H suffix.

#### Alteration Charges

See current discount sheet for alteration charges.

### Triple-Type QD

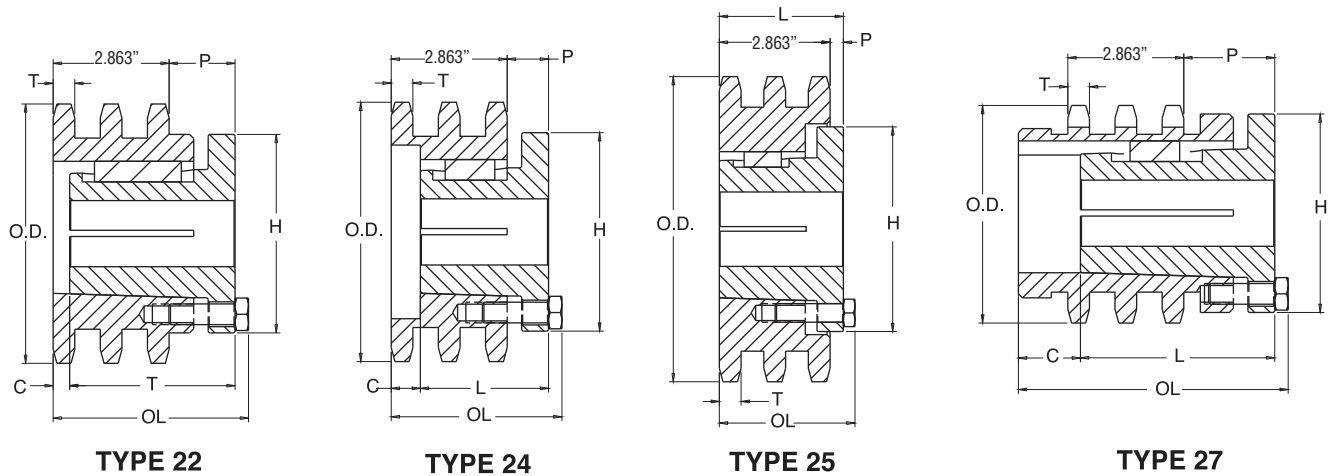
| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore         | Dimensions        |                  |                 |                 |                |               |                |                 |      |       | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|-------------------|-------------------|------------------|-----------------|-----------------|----------------|---------------|----------------|-----------------|------|-------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |                   | L <sub>1</sub>    | L <sub>2</sub>   | C               | Y               | P              | G             | V              | X               | T    | W     | With Hub         | Rim Only |
| 36        | E80E36         | E        | 12.030           | 11.474         | B    | 3 $\frac{1}{2}$   | 3 $\frac{3}{4}$   | 3 $\frac{7}{16}$ | 6               | $\frac{1}{4}$   | $\frac{3}{16}$ | $\frac{1}{8}$ | $\frac{5}{16}$ | 1 $\frac{1}{8}$ | .557 | 2.863 | 65.1             | 55.1     |
| 42        | E80E42         | E        | 13.940           | 13.382         | B    | 3 $\frac{1}{2}$   | 3 $\frac{3}{4}$   | 3 $\frac{7}{16}$ | 6               | $\frac{1}{4}$   | $\frac{3}{16}$ | $\frac{1}{8}$ | $\frac{5}{16}$ | 1 $\frac{1}{8}$ | .557 | 2.863 | 81.9             | 71.9     |
| 45        | E80E45         | E        | 14.900           | 14.336         | B1   | 3 $\frac{1}{2}$   | 3 $\frac{3}{4}$   | 3 $\frac{7}{16}$ | 6               | $\frac{1}{4}$   | $\frac{3}{16}$ | $\frac{1}{8}$ | $\frac{5}{16}$ | 1 $\frac{1}{8}$ | .557 | 2.863 | 75.3             | 65.3     |
| 52        | E80E52         | E        | 17.130           | 16.562         | B1   | 3 $\frac{1}{2}$   | 3 $\frac{3}{4}$   | 3 $\frac{7}{16}$ | 6               | $\frac{1}{4}$   | $\frac{3}{16}$ | $\frac{1}{8}$ | $\frac{5}{16}$ | 1 $\frac{1}{8}$ | .557 | 2.863 | 90.0             | 80.0     |
| 60        | E80F60         | F        | 19.680           | 19.107         | B1   | 3 $\frac{15}{16}$ | 3 $\frac{43}{64}$ | 4 $\frac{1}{4}$  | 6 $\frac{1}{2}$ | $\frac{13}{16}$ | $\frac{3}{4}$  | $\frac{1}{8}$ | $\frac{3}{16}$ | 2 $\frac{1}{2}$ | .557 | 2.863 | 112.0            | 100.0    |
| 68        | E80F68         | F        | 22.230           | 21.653         | B1   | 3 $\frac{15}{16}$ | 3 $\frac{43}{64}$ | 4 $\frac{1}{4}$  | 6 $\frac{1}{2}$ | $\frac{13}{16}$ | $\frac{3}{4}$  | $\frac{1}{8}$ | $\frac{3}{16}$ | 2 $\frac{1}{2}$ | .557 | 2.863 | 132.0            | 120.0    |
| 76        | E80F76         | F        | 24.780           | 24.198         | B1   | 3 $\frac{15}{16}$ | 3 $\frac{43}{64}$ | 4 $\frac{1}{4}$  | 6 $\frac{1}{2}$ | $\frac{13}{16}$ | $\frac{3}{4}$  | $\frac{1}{8}$ | $\frac{3}{16}$ | 2 $\frac{1}{2}$ | .557 | 2.863 | 150.0            | 138.0    |
| 95        | E80F95         | F        | 30.830           | 30.245         | B1   | 3 $\frac{15}{16}$ | 3 $\frac{43}{64}$ | 4 $\frac{1}{4}$  | 6 $\frac{1}{2}$ | $\frac{13}{16}$ | $\frac{3}{4}$  | $\frac{1}{8}$ | $\frac{3}{16}$ | 2 $\frac{1}{2}$ | .557 | 2.863 | 208.0            | 196.0    |

NOTE: Triple 80 stock sprockets with 25 teeth or less have hardened teeth.

# Martin

## MST<sup>®</sup> Sprockets

## No. 80-3 1" Pitch



### Triple - MST<sup>®</sup> Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |         |       |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|---------|-------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C     | H     | P       | T(nom) | With Hub         | Rim Only |
| 13        | E80P13H        | P2       | 4.660        | 4.179      | 24   | 1-3/4     | 3-3/4      | 2-15/16 | 9/16  | 3     | 5/8     | .557   | 7.2              | 5.7      |
| 14        | E80Q14H        | Q2       | 4.980        | 4.494      | 27   | 2-5/8     | 5 25/32    | 3-1/2   | 2     | 4-1/8 | 1-3/4   | .557   | 12.0             | 7.5      |
| 15        | E80Q15H        | Q2       | 5.300        | 4.810      | 22   | 2-5/8     | 4 29/32    | 3-1/2   | 1-1/8 | 4-1/8 | 1-3/4   | .557   | 12.6             | 8.1      |
| 16        | E80Q16H        | Q2       | 5.630        | 5.126      | 25   | 2-5/8     | 3 7/8      | 3-1/2   | 3/32  | 4-1/8 | 3/4     | .557   | 13.8             | 9.3      |
| 17        | E80Q17H        | Q2       | 5.950        | 5.442      | 24   | 2-5/8     | 3 29/32    | 3-1/2   | 1/8   | 4-1/8 | 3/4     | .557   | 14.3             | 9.8      |
| 18        | E80Q18H        | Q2       | 6.270        | 5.759      | 24   | 2-5/8     | 3 29/32    | 3-1/2   | 1/8   | 4-1/8 | 3/4     | .557   | 16.5             | 12.0     |
| 19        | E80Q19H        | Q2       | 6.590        | 6.076      | 24   | 2-5/8     | 3 29/32    | 3-1/2   | 1/8   | 4-1/8 | 3/4     | .557   | 18.4             | 13.9     |
| 20        | E80R20H        | R1       | 6.910        | 6.392      | 24   | 3-3/4     | 4 1/32     | 2-7/8   | 7/8   | 5-3/8 | 7/8     | .557   | 17.7             | 10.2     |
| 21        | E80R21H        | R1       | 7.240        | 6.710      | 24   | 3-3/4     | 4 1/32     | 2-7/8   | 7/8   | 5-3/8 | 7/8     | .557   | 19.9             | 12.4     |
| 22        | E80R22H        | R1       | 7.560        | 7.027      | 24   | 3-3/4     | 4 1/32     | 2-7/8   | 7/8   | 5-3/8 | 7/8     | .557   | 22.1             | 14.6     |
| 23        | E80R23H        | R1       | 7.880        | 7.344      | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 0       | .557   | 23.4             | 15.9     |
| 24        | E80R24         | R1       | 8.200        | 7.661      | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 0       | .557   | 7.2              | 18.5     |
| 25        | E80R25         | R1       | 8.520        | 7.979      | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 0       | .557   | 12.0             | 20.3     |
| 26        | E80R26         | R1       | 8.840        | 8.296      | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 0       | .557   | 12.6             | 23.4     |
| 27        | E80R27         | R1       | 9.160        | 8.614      | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 0       | .557   | 13.8             | 25.8     |
| 28        | E80R28         | R1       | 9.480        | 8.931      | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 0       | .557   | 14.3             | 28.1     |
| 30        | E80R30         | R1       | 10.110       | 9.567      | 25   | 3-3/4     | 3-5/32     | 2-7/8   | 0     | 5-3/8 | 0       | .557   | 16.5             | 33.3     |
| 36        | E80S36         | S1       | 12.030       | 11.474     | 22   | 4-1/4     | 5-1/8      | 4-3/8   | 0     | 6-3/8 | 1-1/2   | .557   | 18.4             | 67.0     |
| 42        | E80S42         | S1       | 13.940       | 13.382     | 22   | 4-1/4     | 5-1/8      | 4-3/8   | 0     | 6-3/8 | 1-1/2   | .557   | 17.7             | 96.1     |
| 45        | E80S45         | S1       | 14.900       | 14.336     | 22   | 4-1/4     | 5-1/8      | 4-3/8   | 0     | 6-3/8 | 1-1/2   | .557   | 19.9             | 112.0    |
| 52        | E80U52         | U0       | 17.130       | 16.562     | 22   | 5-1/2     | 5-23/32    | 5-1/4   | 0     | 8-3/8 | 1-25/32 | .557   | 22.1             | 150.0    |
| 60        | E80U60         | U0       | 19.680       | 19.107     | 22   | 5-1/2     | 5-23/32    | 5-1/4   | 0     | 8-3/8 | 1-25/32 | .557   | 23.4             | 207.0    |
| 68        | E80U68         | U0       | 22.230       | 21.653     | 22   | 5-1/2     | 5-23/32    | 5-1/4   | 0     | 8-3/8 | 1-25/32 | .557   | 23.4             | 271.0    |
| 76        | E80U76         | U0       | 24.780       | 24.198     | 22   | 5-1/2     | 5-23/32    | 5-1/4   | 0     | 8-3/8 | 1-25/32 | .557   | 23.4             | 344.0    |
| 95        | E80U95         | U0       | 30.830       | 30.245     | 25   | 5-1/2     | 5-55/64    | 5-1/4   | 1/32  | 8-3/8 | 1-13/32 | .557   | 23.4             | 183.0    |

Sprockets with "H" suffix have hardened teeth.

SPROCKETS

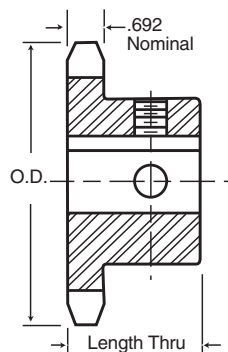
# All Steel Stock Sprockets

# Martin

## No. 100 1¼" Pitch



**BORED-TO-SIZE**



**TYPE BS**

### Single Type "BS" — 2 Setscrews — Bored-To-Size

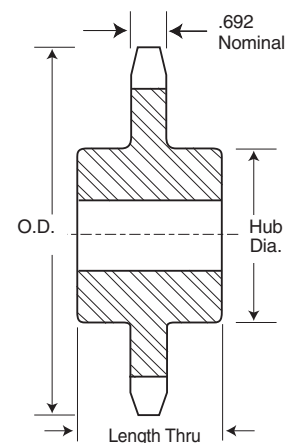
| No. Teeth | Catalog Number | Outside Diameter | Length Thru Bore | Weight Lbs. (Approx.) | Stock Finished Bores<br>Includes Keyway and Setscrews |
|-----------|----------------|------------------|------------------|-----------------------|-------------------------------------------------------|
| 8         | 100BS8         | 3.770            | 1⅞               | 2.8                   | 1 — 1⅞ — 1¼                                           |
| 9         | 100BS9         | 4.180            | 1⅞               | 3.0                   | 1 — 1⅞ — 1¼ — 1⅞                                      |
| 10        | 100BS10        | 4.600            | 1⅞               | 3.9                   | 1 — 1⅞ — 1¼ — 1⅞                                      |
| 11        | 100BS11        | 5.010            | 1⅞               | 4.9                   | 1 — 1⅞ — 1¼ — 1⅞ — 1⅞ — 2 — 2⅞                        |
| 12        | 100BS12        | 5.420            | 1⅞               | 6.0                   | 1 — 1⅞ — 1¼ — 1⅞ — 1⅞ — 2 — 2⅞                        |
| 13        | 100BS13        | 5.820            | 1⅞               | 6.2                   | 1 — 1⅞ — 1¼ — 1⅞ — 1⅞ — 2 — 2⅞                        |
| 14        | 100BS14        | 6.230            | 1⅞               | 6.6                   | — 1¼ — 1⅞ — 1⅞ — 2 — 2⅞                               |
| 15        | 100BS15        | 6.630            | 1⅞               | 8.4                   | — 1¼ — 1⅞ — 1⅞ — 2 — 2⅞                               |
| 16        | 100BS16        | 7.030            | 1⅞               | 9.0                   | — 1⅞ — 1⅞ — 2 — 2⅞ — 2⅞ — 2⅞                          |
| 17        | 100BS17        | 7.440            | 1⅞               | 9.9                   | — 1⅞ — 1⅞ — 2 — 2⅞ — 2⅞ — 2⅞                          |
| 18        | 100BS18        | 7.840            | 1⅞               | 10.6                  | — 1⅞ — 1⅞ — 2 — 2⅞ — 2⅞ — 2⅞                          |
| 19        | 100BS19        | 8.240            | 2                | 12.1                  | — 1⅞ — 1⅞ — 2 — 2⅞ — 2⅞ — 2⅞                          |
| 20        | 100BS20        | 8.640            | 2                | 13.2                  | — 1⅞ — 1⅞ — 2 — 2⅞ — 2⅞ — 2⅞                          |
| 21        | 100BS21        | 9.040            | 2                | 14.3                  | — 1⅞ — 1⅞ — 2 — 2⅞ — 2⅞ — 2⅞                          |
| 22        | 100BS22        | 9.440            | 2                | 15.1                  | — 1⅞ — 1⅞ — 2 — 2⅞ — 2⅞ — 2⅞                          |
| 23        | 100BS23        | 9.840            | 2                | 16.1                  | — 1⅞ — 1⅞ — 2 — 2⅞ — 2⅞ — 2⅞                          |
| 24        | 100BS24        | 10.250           | 2                | 18.1                  | — 1⅞ — 1⅞ — 2 — 2⅞ — 2⅞ — 2⅞                          |
| 25        | 100BS25        | 10.650           | 2                | 18.4                  | — 1⅞ — 1⅞ — 2 — 2⅞ — 2⅞ — 2⅞                          |

Hub diameters vary to suit different bore sizes.

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

### Single-Type C — Steel

| No. Teeth | Catalog Number | Outside Diameter | Bore (inches) |           | Hub (inches) |        | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|---------------|-----------|--------------|--------|-----------------------|
|           |                |                  | Stock         | Rec. Max. | Diameter     | Length |                       |
| 10        | 100C10         | 4.600            | 1             | 1⅞        | 3⅞           | 2⅞     | 6.13                  |
| 11        | 100C11         | 5.010            | 1             | 2⅞        | 3⅞           | 2⅞     | 7.12                  |
| 12        | 100C12         | 5.420            | 1             | 2⅞        | 4            | 2⅞     | 8.37                  |
| 13        | 100C13         | 5.820            | 1             | 2⅞        | 3⅞           | 2⅞     | 10.00                 |
| 14        | 100C14         | 6.230            | 1             | 2⅞        | 4⅞           | 2⅞     | 12.19                 |



**TYPE C**



## All Steel Stock Sprockets

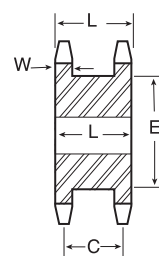
# No. 100

## 1 1/4" Pitch



### Double Single-Type A — Steel

| No. Teeth | Catalog Number | Diameters        |                | Type | Min. Bore | Max. Bore | Dimensions |   |         |        | Wt. (Approx.) |
|-----------|----------------|------------------|----------------|------|-----------|-----------|------------|---|---------|--------|---------------|
|           |                | Outside Diameter | Pitch Diameter |      |           |           | L          | C | E       | w Nom. |               |
| 13        | DS100A13       | 5.820            | 5.223          | A    | 1         | 2 1/2     | 2 1/16     | 2 | 3 5/32  | .692   | 11.2          |
| 14        | DS100A14       | 6.230            | 5.617          | A    | 1 1/4     | 2 3/4     | 2 1/16     | 2 | 4 1/16  | .692   | 13.5          |
| 15        | DS100A15       | 6.630            | 6.012          | A    | 1 1/4     | 3 1/8     | 2 1/16     | 2 | 4 19/32 | .692   | 16.8          |
| 16        | DS100A16       | 7.030            | 6.407          | A    | 1 1/4     | 3 1/4     | 2 1/16     | 2 | 5       | .692   | 19.3          |
| 17        | DS100A17       | 7.440            | 6.803          | A    | 1 1/4     | 3 3/8     | 2 1/16     | 2 | 5 13/32 | .692   | 21.5          |
| 18        | DS100A18       | 7.840            | 7.198          | A    | 1 1/4     | 3 3/4     | 2 1/16     | 2 | 5 51/64 | .692   | 23.0          |
| 19        | DS100A19       | 8.240            | 7.595          | A    | 1 1/4     | 4 1/8     | 2 1/16     | 2 | 6 3/64  | .692   | 25.0          |
| 20        | DS100A20       | 8.640            | 7.991          | A    | 1 1/4     | 4 1/4     | 2 1/16     | 2 | 6 39/64 | .692   | 26.5          |
| 21        | DS100A21       | 9.040            | 8.387          | A    | 1 1/4     | 5         | 2 1/16     | 2 | 7       | .692   | 29.0          |

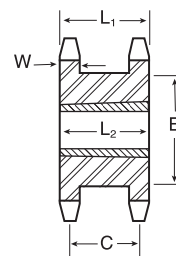


TYPE A

### Double Single-Taper Bushed — Steel

| No. Teeth | Catalog Number | Bushing Size | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions     |   |        |                |        | Wt.      |
|-----------|----------------|--------------|------------------|----------------|-----------|-----------|------|----------------|---|--------|----------------|--------|----------|
|           |                |              | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub> | C | E      | L <sub>2</sub> | w Nom. | Rim Only |
| 15        | DS100ATB15H    | 2517         | 6.630            | 6.012          | 3⁄₄       | 2½        | A    | 2¹¹⁄₁₆         | 2 | 4¹⁹⁄₃₂ | 1¾             | .692   | 12.5     |
| 16        | DS100ATB16H    | 2517         | 7.030            | 6.407          | 3⁄₄       | 2½        | A    | 2¹¹⁄₁₆         | 2 | 5      | 1¾             | .692   | 13.0     |
| 17        | DS100ATB17H    | 3020         | 7.440            | 6.803          | ¹⁵⁄₁₆     | 3         | A    | 2¹¹⁄₁₆         | 2 | 5¹³⁄₃₂ | 2              | .692   | 14.0     |
| 18        | DS100ATB18H    | 3020         | 7.840            | 7.198          | ¹⁵⁄₁₆     | 3         | A    | 2¹¹⁄₁₆         | 2 | 5⁵¹⁄₆₄ | 2              | .692   | 16.0     |
| 19        | DS100ATB19H    | 3020         | 8.240            | 7.595          | ¹⁵⁄₁₆     | 3         | A    | 2¹¹⁄₁₆         | 2 | 6¹³⁄₆₄ | 2              | .692   | 20.0     |
| 20        | DS100ATB20H    | 3020         | 8.640            | 7.991          | ¹⁵⁄₁₆     | 3         | A    | 2¹¹⁄₁₆         | 2 | 6³⁹⁄₆₄ | 1¾             | .692   | 27.5     |
| 21        | DS100ATB21H    | 3020         | 9.040            | 8.387          | ¹⁵⁄₁₆     | 3         | A    | 2¹¹⁄₁₆         | 2 | 7      | 2              | .692   | 27.5     |

Sprockets with "H" suffix have hardened teeth.

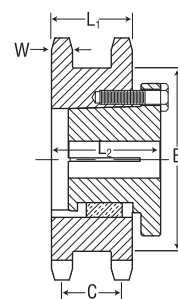


TAPER BUSH  
TYPE A

### Double Single- MST® — Steel

| No. Teeth | Catalog Number | Bushing Size | Diameters        |                | Min. Bore | Max. Bore | Type | Dimensions                      |   |                                 |                                 |        | Wt.      |
|-----------|----------------|--------------|------------------|----------------|-----------|-----------|------|---------------------------------|---|---------------------------------|---------------------------------|--------|----------|
|           |                |              | Outside Diameter | Pitch Diameter |           |           |      | L <sub>1</sub>                  | C | E                               | L <sub>2</sub>                  | w Nom. | Rim Only |
| 17        | DS100R17H      | R1           | 7.440            | 6.803          | 1%        | 3%        | B    | 2 <sup>11</sup> / <sub>16</sub> | 2 | 5 <sup>13</sup> / <sub>32</sub> | 3 <sup>27</sup> / <sub>32</sub> | .692   | 12.5     |
| 19        | DS100R19H      | R1           | 8.240            | 7.595          | 1%        | 3%        | B    | 2 <sup>11</sup> / <sub>16</sub> | 2 | 6 <sup>3</sup> / <sub>64</sub>  | 3 <sup>27</sup> / <sub>32</sub> | .692   | 18.8     |
| 21        | DS100R21H      | R1           | 9.040            | 8.387          | 1%        | 3%        | B    | 2 <sup>11</sup> / <sub>16</sub> | 2 | 7                               | 3 <sup>27</sup> / <sub>32</sub> | .692   | 23.1     |

Sprockets with "H" suffix have hardened teeth.



MST  
TYPE B

SPROCKETS

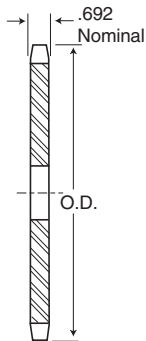
# No. 100

## 1¼" Pitch

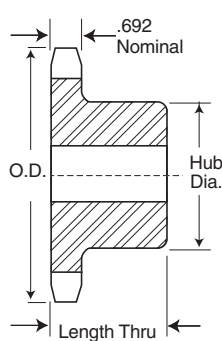
# Stainless Steel

## Stock Sprockets

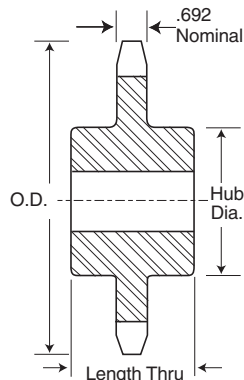
# Martin



TYPE A



TYPE B



TYPE C

### Single-Type B & C

### Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |      |                |            |                       |
| 11        | 100B11SS       | 5.010            | B    | 1             | 2¼        | 3⅞★          | 1⅞          | 5.3                   |      |                |            |                       |
| 12        | 100B12SS       | 5.420            | B    | 1             | 2¼        | 4★           | 1⅞          | 6.4                   |      |                |            |                       |
| 13        | 100B13SS       | 5.820            | B    | 1             | 2¾        | 3⅞           | 1⅞          | 6.6                   |      |                |            |                       |
| 14        | 100B14SS       | 6.230            | B    | 1¼            | 2¾        | 4⅞           | 1⅞          | 7.4                   |      |                |            |                       |
| 15        | 100B15SS       | 6.630            | B    | 1¼            | 3         | 4½           | 1⅞          | 9.2                   |      |                |            |                       |
| 16        | 100B16SS       | 7.030            | B    | 1⅞            | 3         | 4½           | 1⅞          | 9.9                   | A    | 100A16SS       | 1⅞         | 5.4                   |
| 17        | 100B17SS       | 7.440            | B    | 1⅞            | 3         | 4½           | 1⅞          | 10.8                  | A    | 100A17SS       | 1⅞         | 6.1                   |
| 18        | 100B18SS       | 7.840            | B    | 1⅞            | 3         | 4½           | 1⅞          | 11.5                  | A    | 100A18SS       | 1⅞         | 7.0                   |
| 19        | 100B19SS       | 8.240            | B    | 1⅞            | 3         | 4½           | 2           | 13.1                  | A    | 100A19SS       | 1⅞         | 7.8                   |
| 20        | 100B20SS       | 8.640            | B    | 1⅞            | 3         | 4½           | 2           | 14.2                  | A    | 100A20SS       | 1⅞         | 8.8                   |
| 21        | 100B21SS       | 9.040            | B    | 1⅞            | 3         | 4½           | 2           | 15.3                  | A    | 100A21SS       | 1⅞         | 9.8                   |

★ Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat., or setscrew at angle to keyseat.

#### Alteration Charges

See current discount sheet for alteration charges.

SPROCKETS





# All Steel Stock Sprockets

# No. 100

## 1 1/4" Pitch

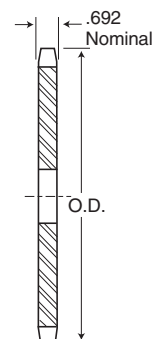
### Single-Type B & C

### Single-Type A

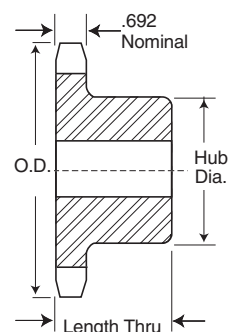
| No. Teeth | Catalog Number           | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |        | Type   | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|--------------------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|--------|--------|----------------|------------|-----------------------|
|           |                          |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |        |        |                |            |                       |
| 7         | 100B8<br>100B9<br>100B10 | 3.350            |      |               |           |              |             |                       |        | A      | 100A7          | 1          | 1.2                   |
| 8         |                          | 3.770            | B    | 1             | 1¼        | 2⅞★          | 1⅞          | 2.3                   | A      | 100A8  | 1              | 1.4        |                       |
| 9         |                          | 4.180            | B    | 1             | 1½        | 2⅞★          | 1⅞          | 3.2                   | A      | 100A9  | 1              | 1.6        |                       |
| 10        |                          | 4.600            | B    | 1             | 1⅝        | 3⅞★          | 1⅞          | 4.1                   | A      | 100A10 | 1              | 2.0        |                       |
| 11        | 100B11                   | 5.010            | B    | 1             | 2¼        | 3⅞★          | 1⅞          | 5.3                   | A      | 100A11 | 1⅞             | 2.5        |                       |
| 12        | 100B12                   | 5.420            | B    | 1             | 2¼        | 4★           | 1⅞          | 6.4                   | A      | 100A12 | 1⅞             | 3.0        |                       |
| 13        | 100B13                   | 5.820            | B    | 1             | 2½        | 3⅞           | 1⅞          | 6.6                   | A      | 100A13 | 1⅞             | 3.5        |                       |
| 14        | 100B14                   | 6.230            | B    | 1⅞            | 2½        | 4⅞           | 1⅞          | 7.4                   | A      | 100A14 | 1⅞             | 4.1        |                       |
| 15        | 100B15                   | 6.630            | B    | 1⅞            | 3         | 4⅞           | 1⅞          | 9.2                   | A      | 100A15 | 1⅞             | 4.7        |                       |
| 16        | 100B16                   | 7.030            | B    | 1⅞            | 3         | 4⅞           | 1⅞          | 9.9                   | A      | 100A16 | 1⅞             | 5.4        |                       |
| 17        | 100B17                   | 7.440            | B    | 1⅞            | 3         | 4⅞           | 1⅞          | 10.8                  | A      | 100A17 | 1⅞             | 6.1        |                       |
| 18        | 100B18                   | 7.840            | B    | 1⅞            | 3         | 4⅞           | 1⅞          | 11.5                  | A      | 100A18 | 1⅞             | 7.0        |                       |
| 19        | 100B19                   | 8.240            | B    | 1⅞            | 3         | 4⅞           | 2           | 13.1                  | A      | 100A19 | 1⅞             | 7.8        |                       |
| 20        | 100B20                   | 8.640            | B    | 1⅞            | 3         | 4⅞           | 2           | 14.2                  | A      | 100A20 | 1⅞             | 8.8        |                       |
| 21        | 100B21                   | 9.040            | B    | 1⅞            | 3         | 4⅞           | 2           | 15.3                  | A      | 100A21 | 1⅞             | 9.8        |                       |
| 22        | 100B22                   | 9.440            | B    | 1⅞            | 3         | 4⅞           | 2           | 16.1                  | A      | 100A22 | 1⅞             | 10.5       |                       |
| 23        | 100B23                   | 9.840            | B    | 1⅞            | 3         | 4⅞           | 2           | 17.2                  | A      | 100A23 | 1⅞             | 11.8       |                       |
| 24        | 100B24                   | 10.250           | B    | 1⅞            | 3         | 4⅞           | 2           | 19.2                  | A      | 100A24 | 1⅞             | 12.8       |                       |
| 25        | 100B25                   | 10.650           | B    | 1⅞            | 3         | 4⅞           | 2           | 19.5                  | A      | 100A25 | 1⅞             | 13.9       |                       |
| 26        | 100B26                   | 11.050           | B    | 1⅞            | 3⅞        | 5            | 2           | 21.7                  | A      | 100A26 | 1⅞             | 15.0       |                       |
| 27        | 100B27                   | 11.440           | B    | 1⅞            | 3⅞        | 5            | 2           | 23.0                  | A      | 100A27 | 1⅞             | 16.0       |                       |
| 28        | 100B28                   | 11.840           | B    | 1⅞            | 3⅞        | 5            | 2           | 24.4                  | A      | 100A28 | 1⅞             | 17.4       |                       |
| 29        | 100B29                   | 12.240           | B    | 1⅞            | 3⅞        | 5            | 2           | 25.0                  | A      | 100A29 | 1⅞             | 19.6       |                       |
| 30        | 100B30                   | 12.640           | B    | 1⅞            | 3⅞        | 5            | 2           | 26.9                  | A      | 100A30 | 1⅞             | 20.1       |                       |
| 31        | 100B32                   | 13.040           | B    | 1⅞            | 3⅞        | 5            | 2           | 29.8                  | A      | 100A31 | 1⅞             | 21.5       |                       |
| 32        |                          | 13.440           |      |               |           |              |             |                       | A      | 100A32 | 1⅞             | 22.6       |                       |
| 33        |                          | 13.840           |      |               |           |              |             |                       | A      | 100A33 | 1⅞             | 24.1       |                       |
| 34        |                          | 14.240           |      |               |           |              |             |                       | A      | 100A34 | 1⅞             | 26.0       |                       |
| 35        | 100B35                   | 14.640           | B    | 1⅞            | 3⅞        | 5            | 2½          | 36.9                  | A      | 100A35 | 1⅞             | 27.2       |                       |
| 36        | 100B36                   | 15.040           | B    | 1⅞            | 3⅞        | 5            | 2½          | 38.6                  | A      | 100A36 | 1⅞             | 30.0       |                       |
| 37        | 100B38                   | 15.440           | B    | 1⅞            | 3⅞        | 5            | 2½          | 41.5                  | A      | 100A37 | 1⅞             | 31.0       |                       |
| 38        |                          | 15.840           |      |               |           |              |             |                       | A      | 100A38 | 1⅞             | 33.0       |                       |
| 39        |                          | 16.230           |      |               |           |              |             |                       | A      | 100A39 | 1⅞             | 35.0       |                       |
| 40        |                          | 16.630           |      |               |           |              |             |                       | A      | 100A40 | 1⅞             | 36.0       |                       |
| 41        | 100B42                   | 17.030           | B    | 1⅞            | 3⅞        | 5            | 2½          | 50.4                  | A      | 100A41 | 1⅞             | 39.0       |                       |
| 42        |                          | 17.430           |      |               |           |              |             |                       | A      | 100A42 | 1⅞             | 40.0       |                       |
| 43        |                          | 17.830           |      |               |           |              |             |                       | A      | 100A43 | 1⅞             | 43.0       |                       |
| 44        |                          | 18.230           |      |               |           |              |             |                       | A      | 100A44 | 1⅞             | 45.0       |                       |
| 45        | 100B45                   | 18.630           | B    | 1⅞            | 3⅞        | 5            | 2½          | 54.0                  | A      | 100A45 | 1⅞             | 47.0       |                       |
| 46        |                          | 19.020           |      |               |           |              |             |                       | A      | 100A46 | 1⅞             | 48.0       |                       |
| 47        |                          | 19.420           |      |               |           |              |             |                       | A      | 100A47 | 1⅞             | 52.0       |                       |
| 48        |                          | 19.820           |      |               |           |              |             |                       | A      | 100A48 | 1⅞             | 54.0       |                       |
| 49        | 100B48                   | 20.220           | B    | 1⅞            | 4         | 6            | 2½          | 66.0                  | A      | 100A49 | 1⅞             | 56.0       |                       |
| 50        |                          | 20.620           |      |               |           |              |             |                       | A      | 100A50 | 1⅞             | 57.0       |                       |
| 51        |                          | 21.020           |      |               |           |              |             |                       | A      | 100A51 | 1⅞             | 63.0       |                       |
| 52        |                          | 21.420           |      |               |           |              |             |                       | A      | 100A52 | 1⅞             | 64.0       |                       |
| 53        | 100C54                   | 21.810           | C    | 1⅞            | 4         | 6            | ¾           | 78.0                  | A      | 100A53 | 1⅞             | 64.2       |                       |
| 54        |                          | 22.210           |      |               |           |              |             |                       | A      | 100A54 | 1⅞             | 68.0       |                       |
| 55        |                          | 22.610           |      |               |           |              |             |                       | A      | 100A55 | 1⅞             | 70.0       |                       |
| 56        |                          | 23.010           |      |               |           |              |             |                       | A      | 100A56 | 1⅞             | 72.0       |                       |
| 57        |                          | 23.410           |      |               |           |              |             |                       | A      | 100A57 | 1⅞             | 75.8       |                       |
| 58        |                          | 23.810           |      |               |           |              |             |                       | A      | 100A58 | 1⅞             | 76.0       |                       |
| 59        |                          | 24.200           |      |               |           |              |             |                       | A      | 100A59 | 1⅞             | 77.0       |                       |
| 60        |                          | 24.600           |      |               |           |              |             |                       | A      | 100A60 | 1⅞             | 80.0       |                       |
| 70        | 100C70                   | 28.580           | C    | 1⅞            | 5⅞        | 7            | ¾           | 125 A                 | 100A70 | 1⅞     | 113            |            |                       |
| 72        | 100C72                   | 29.380           | C    | 1⅞            | 5⅞        | 7            | ¾           | 134 A                 | 100A72 | 1⅞     | 119            |            |                       |
| 76        | 100C76                   | 30.973           | C    | 1⅞            | 5⅞        | 7            | ¾           | 143 A                 | 100A76 | 1⅞     | 133            |            |                       |
| 80        | 100C80                   | 32.570           | C    | 1⅞            | 5⅞        | 7            | ¾           | 151 A                 | 100A80 | 1⅞     | 146            |            |                       |
| 84        | 100C84                   | 34.160           | C    | 1⅞            | 5⅞        | 7            | ¾           | 170 A                 | 100A84 | 1⅞     | 162            |            |                       |
| 90        | 100C90                   | 36.550           | C    | 1⅞            | 5⅞        | 7            | ¾           | 184 A                 | 100A90 | 1⅞     | 193            |            |                       |
| 96        | 100C96                   | 38.930           | C    | 1⅞            | 5⅞        | 7            | 4½          | 203 A                 | 100A96 | 1⅞     | 215            |            |                       |

★ Has recessed groove in hub for chain clearance.

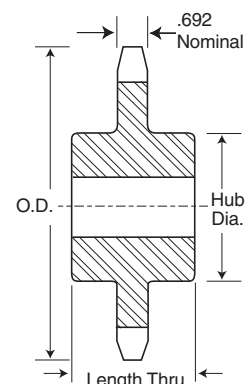
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.



TYPE A



TYPE B



TYPE C

#### Alteration Charges

See current discount sheet for alteration charges.

SPROCKETS

# No. 100

## 1 1/4" Pitch

# All Steel

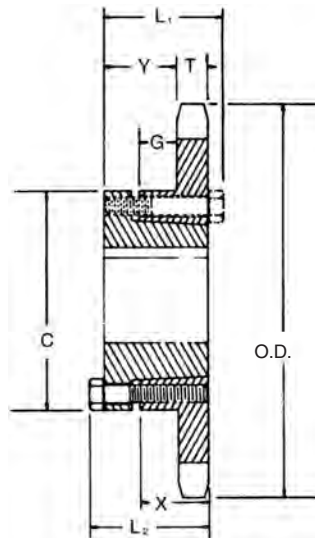
## Stock Sprockets

# Martin

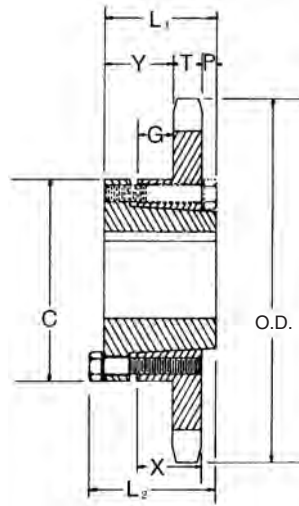
### Single-Type QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 11        | 100SDS11H      |
| 12        | 100SDS12H      |
| 13        | 100SK13H       |
| 14        | 100SK14H       |
| 15        | 100SF15H       |
| 16        | 100SF16H       |
| 17        | 100SF17H       |
| 18        | 100E18H        |
| 19        | 100E19H        |
| 20        | 100E20H        |
| 21        | 100E21H        |
| 22        | 100E22H        |
| 23        | 100E23H        |
| 24        | 100E24H        |
| 25        | 100E25H        |
| 26        | 100E26H        |
| 27        | 100E27H        |
| 28        | 100E28H        |
| 30        | 100E30H        |

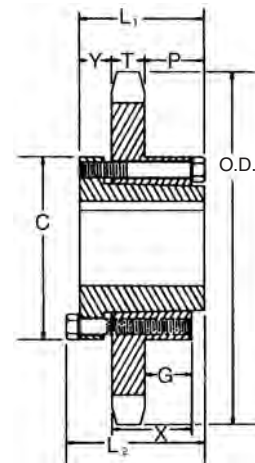
**SABER  
TOOTH®**



QD — TYPE B



QD — TYPE B<sub>1</sub>



QD — TYPE C

### Single-Type QD

| No. Teeth | Catalog Number | Bush-<br>ing | Diameters           |                   | Type | Max.<br>Bore | Dimensions     |                |        |         |         |       |       |      | Weight (Approx.) |             |
|-----------|----------------|--------------|---------------------|-------------------|------|--------------|----------------|----------------|--------|---------|---------|-------|-------|------|------------------|-------------|
|           |                |              | Outside<br>Diameter | Pitch<br>Diameter |      |              | L <sub>1</sub> | L <sub>2</sub> | C      | Y       | P       | G     | X     | T    | With<br>Hub      | Rim<br>Only |
| 11        | 100SDS11       | SDS          | 5.010               | 4.437             | B    | 2            | 1 1/2          | 1 1/2          | 3 3/16 | 5/8     |         | 1/8   | 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     |         | 1/8   | 3/4   | .692 | 3.6              | 2.6         |
| 13        | 100SK13        | SK           | 5.820               | 5.223             | B    | 2 5/8        | 2 1/2          | 2 1/2          | 3 3/8  | 1 13/64 |         | 5/16  | 1 1/4 | .692 | 5.3              | 3.3         |
| 14        | 100SK14        | SK           | 6.230               | 5.617             | B    | 2 5/8        | 2 1/2          | 2 1/2          | 3 3/8  | 1 13/64 |         | 5/16  | 1 1/4 | .692 | 6.1              | 4.1         |
| 15        | 100SF15        | SF           | 6.630               | 6.012             | B    | 2 5/8        | 2 1/4          | 2 1/4          | 4 1/8  | 1 19/64 |         | 5/16  | 1 1/4 | .692 | 7.8              | 4.8         |
| 16        | 100SF16        | SF           | 7.030               | 6.407             | B    | 2 5/8        | 2 1/4          | 2 1/4          | 4 1/8  | 1 19/64 |         | 5/16  | 1 1/4 | .692 | 8.6              | 5.6         |
| 17        | 100SF17        | SF           | 7.440               | 6.803             | B    | 2 5/8        | 2 1/4          | 2 1/4          | 4 1/8  | 1 19/64 |         | 5/16  | 1 1/4 | .692 | 9.5              | 6.5         |
| 18        | 100E18         | E            | 7.840               | 7.198             | B1   | 3 1/2        | 2 5/8          | 2 5/8          | 6      | 1 13/16 | 1/8     | 15/16 | 1 5/8 | .692 | 19.0             | 9.0         |
| 19        | 100E19         | E            | 8.240               | 7.595             | B1   |              |                |                |        |         |         |       |       |      | 20.2             | 10.2        |
| 20        | 100E20         | E            | 8.640               | 7.991             | B1   |              |                |                |        |         |         |       |       |      | 21.6             | 11.6        |
| 21        | 100E21         | E            | 9.040               | 8.387             | B1   |              |                |                |        |         |         |       |       |      | 22.5             | 12.5        |
| 22        | 100E22         | E            | 9.440               | 8.783             | B1   |              |                |                |        |         |         |       |       |      | 23.5             | 13.5        |
| 23        | 100E23         | E            | 9.840               | 9.180             | B1   |              |                |                |        |         |         |       |       |      | 24.6             | 14.6        |
| 24        | 100E24         | E            | 10.250              | 9.577             | B1   |              |                |                |        |         |         |       |       |      | 25.7             | 15.7        |
| 25        | 100E25         | E            | 10.650              | 9.973             | B1   |              |                |                |        |         |         |       |       |      | 26.8             | 16.8        |
| 26        | 100E26         | E            | 11.050              | 10.370            | B1   |              |                |                |        |         |         |       |       |      | 28.1             | 18.1        |
| 27        | 100E27         | E            | 11.440              | 10.767            | B1   |              |                |                |        |         |         |       |       |      | 29.2             | 19.2        |
| 28        | 100E28         | E            | 11.840              | 11.164            | B1   |              |                |                |        |         |         |       |       |      | 30.7             | 20.7        |
| 30        | 100E30         | E            | 12.640              | 11.958            | B1   |              |                |                |        |         |         |       |       |      | 33.2             | 23.2        |
| 32        | 100E32         | E            | 13.440              | 12.753            | B1   |              |                |                |        |         |         |       |       |      | 35.4             | 25.4        |
| 35        | 100E35         | E            | 14.640              | 13.945            | B1   |              |                |                |        |         |         |       |       |      | 40.5             | 30.5        |
| 36        | 100E36         | E            | 15.040              | 14.342            | B1   |              |                |                |        |         |         |       |       |      | 42.5             | 32.3        |
| 40        | 100E40         | E            | 16.630              | 15.932            | B1   |              |                |                |        |         |         |       |       |      | 49.1             | 39.1        |
| 42        | 100E42         | E            | 17.430              | 16.727            | B1   |              |                |                |        |         |         |       |       |      | 53.4             | 43.4        |
| 45        | 100E45         | E            | 18.630              | 17.920            | B1   |              |                |                |        |         |         |       |       |      | 58.9             | 48.9        |
| 48        | 100E48         | E            | 19.820              | 19.112            | B1   | 3 1/2        | 2 5/8          | 2 5/8          | 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 5/8          | 6      | 7/8     | 1 1/8   | 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 5/8          | 6      | 7/8     | 1 1/8   | 15/16 | 1 5/8 | .692 | 84.0             | 74.0        |
| 70        | 100F70         | F            | 28.580              | 27.862            | C    | 3 5/8        | 3 3/8          | 4              | 6 3/8  | 1       | 1 15/16 | 1 3/8 | 2 1/2 | .692 | 110.5            | 99.0        |
| 72        | 100F72         | F            | 29.380              | 28.657            | C    |              |                |                |        |         |         |       |       |      | 117.5            | 106         |
| 80        | 100F80         | F            | 32.570              | 31.839            | C    |              |                |                |        |         |         |       |       |      | 134.5            | 123         |
| 84        | 100F84         | F            | 34.160              | 33.430            | C    | 3 5/8        | 3 3/8          | 4              | 6 3/8  | 1       | 1 15/16 | 1 3/8 | 2 1/2 | .692 | 151.5            | 140         |

# Martin

## All Steel Stock Sprockets

## No. 100 1¼" Pitch

### Single-Taper Bushed with Hardened Teeth

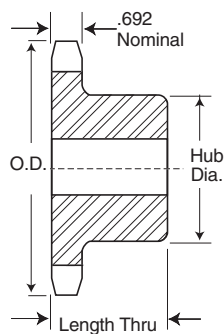
| No. Teeth | Catalog Number |
|-----------|----------------|
| 11        | 100BTB11H      |
| 12        | 100BTB12H      |
| 13        | 100BTB13H      |
| 14        | 100BTB14H      |
| 15        | 100BTB15H      |
| 16        | 100BTB16H      |
| 17        | 100BTB17H      |
| 18        | 100BTB18H      |
| 19        | 100BTB19H      |
| 20        | 100BTB20H      |
| 21        | 100BTB21H      |
| 22        | 100BTB22H      |
| 24        | 100BTB24H      |
| 26        | 100BTB26H      |
| 28        | 100BTB28H      |
| 30        | 100BTB30H      |

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**SPROCKETS**

### Single-Taper Bushed



**TYPE B**

| No. Teeth | Catalog Number | Bushing | Diameter         |                | Max. Bore | Dimensions |    | Type | Weight (Approx.) |              |
|-----------|----------------|---------|------------------|----------------|-----------|------------|----|------|------------------|--------------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C  |      | Rim Only         | Bushing Only |
| 11        | 100BTB11       | 1615    | 5.007            | 4.437          | 1½        | 1½         | 3  | B    | 2.7              | 1.2          |
| 12        | 100BTB12       | 1615    | 5.415            | 4.830          | 1½        | 1½         | 3¼ | B    | 3.5              | 1.2          |
| 13        | 100BTB13       | 2012    | 5.821            | 5.223          | 2         | 1¼         | 3⅝ | B    | 3.6              | 1.7          |
| 14        | 100BTB14       | 2012    | 6.227            | 5.617          | 2         | 1¼         | 3⅝ | B    | 3.9              | 1.7          |
| 15        | 100BTB15       | 2517    | 6.631            | 6.012          | 2½        | 1¼         | 4¼ | B    | 5.0              | 3.5          |
| 16        | 100BTB16       | 2517    | 7.034            | 6.407          | 2½        | 1¼         | 4½ | B    | 6.4              | 3.5          |
| 17        | 100BTB17       | 2517    | 7.437            | 6.803          | 2½        | 1¼         | 4½ | B    | 7.1              | 3.5          |
| 18        | 100BTB18       | 2517    | 7.839            | 7.198          | 2½        | 1¼         | 4½ | B    | 7.8              | 3.5          |
| 19        | 100BTB19       | 2517    | 8.241            | 7.594          | 2½        | 1¼         | 4½ | B    | 8.7              | 3.5          |
| 20        | 100BTB20       | 2517    | 8.642            | 7.991          | 2½        | 1¼         | 4½ | B    | 9.6              | 3.5          |
| 21        | 100BTB21       | 2517    | 9.043            | 8.387          | 2½        | 1¼         | 4½ | B    | 10.6             | 3.5          |
| 22        | 100BTB22       | 2517    | 9.444            | 8.783          | 2½        | 1¼         | 4½ | B    | 11.0             | 3.5          |
| 24        | 100BTB24       | 2517    | 10.245           | 9.577          | 2½        | 1¼         | 4½ | B    | 13.0             | 3.5          |
| 26        | 100BTB26       | 2517    | 11.045           | 10.370         | 2½        | 1¼         | 4½ | B    | 15.0             | 3.5          |
| 28        | 100BTB28       | 3020    | 11.844           | 11.164         | 3         | 2          | 5¼ | B    | 16.5             | 6.5          |
| 30        | 100BTB30       | 3020    | 12.643           | 11.958         | 3         | 2          | 5¼ | B    | 22.0             | 6.5          |
| 32        | 100BTB32       | 3020    | 13.442           | 12.753         | 3         | 2          | 5¼ | B    | 23.0             | 6.5          |
| 35        | 100BTB35       | 3020    | 14.639           | 13.945         | 3         | 2          | 5¼ | B    | 28.0             | 6.5          |
| 36        | 100BTB36       | 3020    | 15.038           | 14.342         | 3         | 2          | 5¼ | B    | 31.0             | 6.5          |
| 40        | 100BTB40       | 3020    | 16.633           | 15.932         | 3         | 2          | 5¼ | B    | 37.0             | 6.5          |
| 45        | 100BTB45       | 3020    | 18.626           | 17.919         | 3         | 2          | 5¼ | B    | 46.0             | 6.5          |
| 48        | 100BTB48       | 3020    | 19.821           | 19.112         | 3         | 2          | 5¼ | B    | 53.0             | 6.5          |
| 54        | 100BTB54       | 3020    | 22.212           | 21.498         | 3         | 2          | 5¼ | B    | 62.0             | 6.5          |
| 60        | 100BTB60       | 3020    | 24.601           | 23.884         | 3         | 2          | 5¼ | B    | 72.0             | 6.5          |

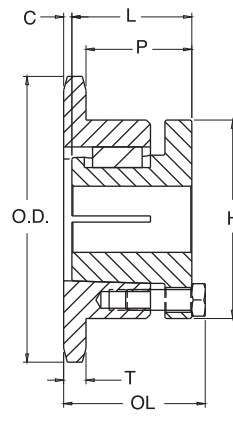
# No. 100

## 1 1/4" Pitch

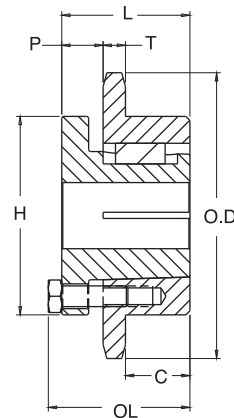
# MST®

## Sprockets

# Martin



TYPE 4



TYPE 5

### Single - MST® Sprockets

| No. Teeth | Catalog Number | Bushing | Diameters    |            | Type | Max. Bore | Dimensions |         |        |       |         |        | Weight (Approx.) |          |
|-----------|----------------|---------|--------------|------------|------|-----------|------------|---------|--------|-------|---------|--------|------------------|----------|
|           |                |         | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C      | H     | P       | T(nom) | With Hub         | Rim Only |
| 11        | 100P11H        | P1      | 5.010        | 4.437      | 4    | 1-3/4     | 2-3/16     | 1-15/16 | 0      | 3     | 1-1/4   | .692   | 4.1              | 2.8      |
| 12        | 100Q12H        | Q1      | 5.420        | 4.830      | 4    | 2-11/16   | 2-27/32    | 2-1/2   | 1/16   | 4-1/8 | 1-7/8   | .692   | 7.0              | 3.5      |
| 13        | 100Q13H        | Q1      | 5.820        | 5.223      | 4    | 2-11/16   | 2-27/32    | 2-1/2   | 1/16   | 4-1/8 | 1-7/8   | .692   | 7.8              | 4.3      |
| 14        | 100Q14H        | Q1      | 6.230        | 5.617      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 9.1              | 5.6      |
| 15        | 100Q15H        | Q1      | 6.630        | 6.012      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 10.1             | 6.6      |
| 16        | 100Q16H        | Q1      | 7.030        | 6.407      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 10.9             | 7.4      |
| 17        | 100Q17H        | Q1      | 7.440        | 6.803      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 11.7             | 8.2      |
| 18        | 100Q18H        | Q1      | 7.840        | 7.198      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 12.5             | 9.0      |
| 19        | 100Q19H        | Q1      | 8.240        | 7.595      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 13.3             | 9.8      |
| 20        | 100Q20H        | Q1      | 8.640        | 7.991      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 14.4             | 10.9     |
| 21        | 100Q21H        | Q1      | 9.040        | 8.387      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 15.3             | 11.8     |
| 21        | 100R21H        | R1      | 9.040        | 8.387      | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 20.8             | 13.3     |
| 22        | 100Q22H        | Q1      | 9.440        | 8.783      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 16.1             | 12.6     |
| 23        | 100Q23H        | Q1      | 9.840        | 9.180      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 17.3             | 13.8     |
| 24        | 100Q24H        | Q1      | 10.250       | 9.577      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 18.9             | 15.4     |
| 24        | 100R24H        | R1      | 10.250       | 9.577      | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 23.1             | 15.6     |
| 25        | 100Q25H        | Q1      | 10.650       | 9.973      | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 19.5             | 16.0     |
| 25        | 100R25H        | R1      | 10.650       | 9.973      | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 24.5             | 17.0     |
| 26        | 100Q26H        | Q1      | 11.050       | 10.370     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 20.8             | 17.3     |
| 26        | 100R26H        | R1      | 11.050       | 10.370     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 25.4             | 17.9     |
| 27        | 100Q27H        | Q1      | 11.440       | 10.767     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 21.7             | 18.2     |
| 27        | 100R27H        | R1      | 11.440       | 10.767     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 27.1             | 19.6     |
| 28        | 100Q28H        | Q1      | 11.840       | 11.164     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 23.1             | 19.6     |
| 28        | 100R28H        | R1      | 11.840       | 11.164     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 28.5             | 21.0     |
| 30        | 100Q30H        | Q1      | 12.640       | 11.958     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 25.9             | 22.4     |
| 30        | 100R30H        | R1      | 12.640       | 11.958     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 32.0             | 24.5     |
| 32        | 100Q32         | Q1      | 13.440       | 12.753     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 28.8             | 25.3     |
| 32        | 100R32         | R1      | 13.440       | 12.753     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 34.0             | 26.5     |
| 35        | 100Q35         | Q1      | 14.640       | 13.945     | 4    | 2-11/16   | 2-25/32    | 2-1/2   | 0      | 4-1/8 | 1-13/16 | .692   | 33.7             | 30.2     |
| 35        | 100R35         | R1      | 14.640       | 13.945     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 37.3             | 29.8     |
| 36        | 100R36         | R1      | 15.040       | 14.342     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 40.5             | 33.0     |
| 40        | 100R40         | R1      | 16.630       | 15.932     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 48.4             | 40.9     |
| 42        | 100R42         | R1      | 17.430       | 16.727     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 51.8             | 44.3     |
| 45        | 100R45         | R1      | 18.630       | 17.920     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 58.0             | 50.5     |
| 48        | 100R48         | R1      | 19.820       | 19.112     | 4    | 3-3/4     | 3-5/32     | 2-7/8   | 0      | 5-3/8 | 2-3/16  | .692   | 65.0             | 57.5     |
| 54        | 100R54         | R1      | 22.210       | 21.498     | 5    | 3-3/4     | 3-5/32     | 2-7/8   | 1-5/16 | 5-3/8 | 7/8     | .692   | 76.5             | 69.0     |
| 60        | 100R60         | R1      | 24.600       | 23.884     | 5    | 3-3/4     | 3-5/32     | 2-7/8   | 1-5/16 | 5-3/8 | 7/8     | .692   | 91.5             | 84.0     |
| 70        | 100R70         | R1      | 28.580       | 27.862     | 5    | 3-3/4     | 3-5/32     | 2-7/8   | 1-5/16 | 5-3/8 | 7/8     | .692   | 111.5            | 104.0    |
| 72        | 100R72         | R1      | 29.380       | 28.657     | 5    | 3-3/4     | 3-5/32     | 2-7/8   | 1-5/16 | 5-3/8 | 7/8     | .692   | 113.5            | 106.0    |
| 80        | 100R80         | R1      | 32.570       | 31.839     | 5    | 3-3/4     | 3-5/32     | 2-7/8   | 1-5/16 | 5-3/8 | 7/8     | .692   | 142.5            | 135.0    |
| 84        | 100R84         | R1      | 34.160       | 33.430     | 5    | 3-3/4     | 3-5/32     | 2-7/8   | 1-5/16 | 5-3/8 | 7/8     | .692   | 145.5            | 138.0    |

Sprockets with "H" suffix have hardened teeth.

# Martin

## All Steel Stock Sprockets

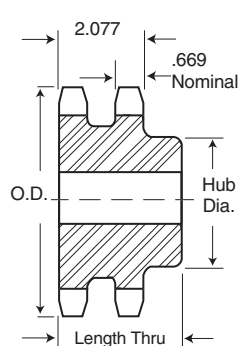
# No. 100-2

## 1¼" Pitch

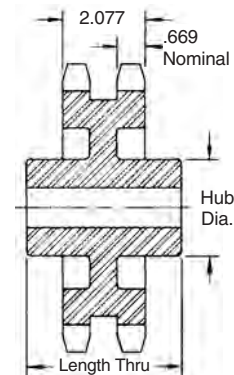
### Double-Type B & C

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 9         | D100B9         | 4.180            | B    | 1             | 1½        | 2½           | 2½          | 4.6                   |
| 10        | D100B10        | 4.600            | B    | 1             | 1½        | 2½           | 2½          | 6.2                   |
| 11        | D100B11        | 5.010            | B    | 1             | 2½        | 3½           | 2½          | 7.9                   |
| 12        | D100B12        | 5.420            | B    | 1½            | 2½        | 3½           | 2½          | 9.3                   |
| 13        | D100B13        | 5.820            | B    | 1½            | 2½        | 3½           | 2½          | 11.4                  |
| 14        | D100B14        | 6.230            | B    | 1½            | 2½        | 4½           | 2½          | 13.6                  |
| 15        | D100B15        | 6.630            | B    | 1½            | 3½        | 4½           | 3½          | 17.1                  |
| 16        | D100B16        | 7.030            | B    | 1½            | 3½        | 5            | 3½          | 20.1                  |
| 17        | D100B17        | 7.440            | B    | 1½            | 3½        | 5½           | 3½          | 23.1                  |
| 18        | D100B18        | 7.840            | B    | 1½            | 3½        | 5½           | 3½          | 25.4                  |
| 19        | D100B19        | 8.240            | B    | 1½            | 3½        | 5½           | 3½          | 29.6                  |
| 20        | D100B20        | 8.640            | B    | 1½            | 3½        | 5½           | 3½          | 32.4                  |
| 21        | D100B21        | 9.040            | B    | 1½            | 3½        | 5½           | 3½          | 35.3                  |
| 22        | D100B22        | 9.440            | B    | 1½            | 3½        | 5½           | 3½          | 38.4                  |
| 23        | D100B23        | 9.840            | B    | 1½            | 3½        | 5½           | 3½          | 41.3                  |
| 24        | D100B24        | 10.250           | B    | 1½            | 3½        | 5½           | 3½          | 45.1                  |
| 25        | D100B25        | 10.650           | B    | 1½            | 3½        | 5½           | 3½          | 48.5                  |
| 26        | D100B26        | 11.050           | B    | 1½            | 3½        | 5½           | 3½          | 51.5                  |
| 30        | D100B30        | 12.640           | B    | 1½            | 3½        | 5½           | 3½          | 65.0                  |
| 35        | D100C35        | 14.640           | C    | 1½            | 3½        | 6            | 4½          | 75.0                  |
| 45        | D100C45        | 18.630           | C    | 1½            | 5½        | 7½           | 5           | 103                   |
| 60        | D100C60        | 24.600           | C    | 1½            | 5½        | 7½           | 5           | 175                   |
| 70        | D100C70        | 28.580           | C    | 1½            | 5½        | 7½           | 5           | 197                   |
| 80        | D100C80        | 32.570           | C    | 1½            | 5½        | 7½           | 5           | 231                   |

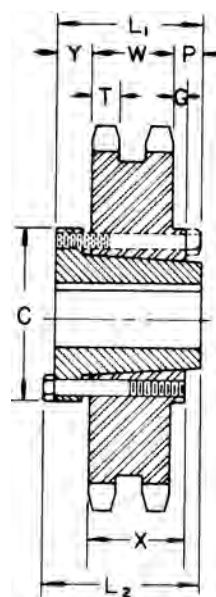
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.



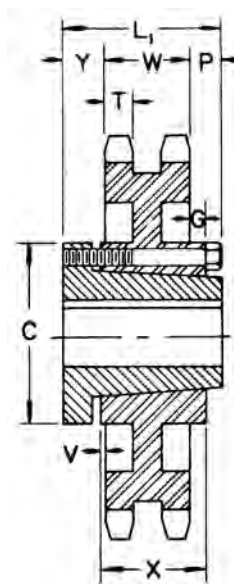
TYPE B



TYPE C



QD — TYPE C<sub>2</sub>



QD — TYPE C<sub>6</sub>

#### Alteration Charges

See current discount sheet for alteration charges.

### Double-Type QD

| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |    |                  |                  |                  |                 |    |      |       | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|-----------|----------------|----------------|----|------------------|------------------|------------------|-----------------|----|------|-------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C  | Y                | P                | G                | V               | X  | T    | W     | With Hub         | Rim Only |
| 35        | D100F35        | F        | 14.640           | 13.945         | C2   | 3⅝        | 3⅝             | 4              | 6⅝ | 1                | ⅝ <sub>64</sub>  | ⅞ <sub>64</sub>  |                 | 2½ | .669 | 2.077 | 84.5             | 73       |
| 45        | D100F45        | F        | 18.630           | 17.920         | C2   | 3⅝        | 3⅝             | 4              | 6⅝ | 1                | ⅝ <sub>64</sub>  | ⅞ <sub>64</sub>  |                 | 2½ | .669 | 2.077 | 92.5             | 81       |
| 60        | D100J60        | J        | 24.600           | 23.884         | C6   | 4⅞        | 4⅞             | 5              | 7⅞ | 1½ <sub>32</sub> | 1⅞ <sub>64</sub> | 1½ <sub>32</sub> | ½ <sub>32</sub> | 3⅞ | .669 | 2.077 | 152 133          |          |
| 70        | D100J70        | J        | 28.580           | 27.862         | C6   | 4⅞        | 4⅞             | 5              | 7⅞ | 1½ <sub>32</sub> | 1⅞ <sub>64</sub> | 1½ <sub>32</sub> | ½ <sub>32</sub> | 3⅞ | .669 | 2.077 | 180 161          |          |
| 80        | D100J80        | J        | 32.570           | 31.839         | C6   | 4⅞        | 4⅞             | 5              | 7⅞ | 1½ <sub>32</sub> | 1⅞ <sub>64</sub> | 1½ <sub>32</sub> | ½ <sub>32</sub> | 3⅞ | .669 | 2.077 | 215 196          |          |



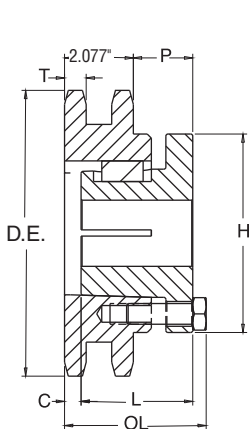
# No. 100-2

## 1-1/4" Pitch

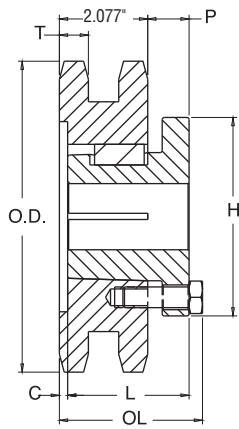
# MST<sup>®</sup>

## Sprockets

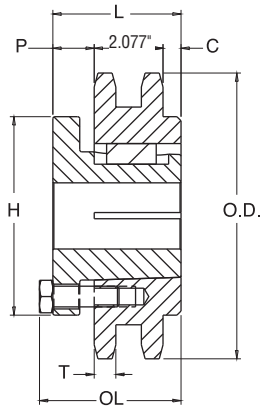
# Martin



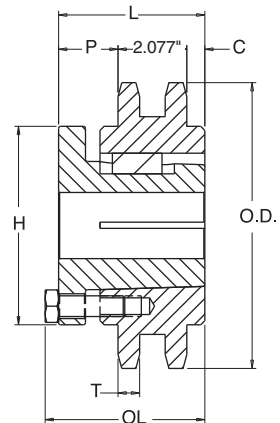
TIPO 12



TYPE 14



TYPE 15



TYPE 18

SPROCKETS

## Double - MST<sup>®</sup> Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |         |         |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|---------|---------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L       | C       | H     | P       | T(nom) | With Hub         | Rim Only |
| 11        | D100P11H       | P1       | 5.010        | 4.437      | 14   | 1-3/4     | 2-15/16    | 1-15/16 | 3/4     | 3     | 5/8     | .669   | 6.0              | 4.7      |
| 12        | D100Q12H       | Q2       | 5.420        | 4.830      | 12   | 2-5/8     | 4-7/32     | 3-1/2   | 7/16    | 4-1/8 | 1-55/64 | .669   | 10.4             | 5.9      |
| 13        | D100Q13H       | Q2       | 5.820        | 5.223      | 12   | 2-5/8     | 4-7/32     | 3-1/2   | 7/16    | 4-1/8 | 1-55/64 | .669   | 12.4             | 7.9      |
| 14        | D100Q14H       | Q1       | 6.230        | 5.617      | 14   | 2-11/16   | 3-3/32     | 2-1/2   | 5/16    | 4-1/8 | 3/4     | .669   | 10.9             | 7.4      |
| 15        | D100Q15H       | Q1       | 6.630        | 6.012      | 14   | 2-11/16   | 3-3/32     | 2-1/2   | 5/16    | 4-1/8 | 3/4     | .669   | 12.6             | 9.1      |
| 16        | D100Q16H       | Q1       | 7.030        | 6.407      | 14   | 2-11/16   | 3-3/32     | 2-1/2   | 5/16    | 4-1/8 | 3/4     | .669   | 14.4             | 10.9     |
| 17        | D100R17H       | R1       | 7.440        | 6.803      | 14   | 3-3/4     | 3-7/32     | 2-7/8   | 1/16    | 5-3/8 | 7/8     | .669   | 17.5             | 10.0     |
| 18        | D100R18H       | R1       | 7.840        | 7.198      | 14   | 3-3/4     | 3-7/32     | 2-7/8   | 1/16    | 5-3/8 | 7/8     | .669   | 19.8             | 12.3     |
| 19        | D100R19        | R1       | 8.240        | 7.595      | 14   | 3-3/4     | 3-7/32     | 2-7/8   | 1/16    | 5-3/8 | 7/8     | .669   | 22.4             | 14.9     |
| 20        | D100R20        | R1       | 8.640        | 7.991      | 14   | 3-3/4     | 3-7/32     | 2-7/8   | 1/16    | 5-3/8 | 7/8     | .669   | 24.9             | 17.4     |
| 21        | D100R21        | R1       | 9.040        | 8.387      | 14   | 3-3/4     | 3-7/32     | 2-7/8   | 1/16    | 5-3/8 | 7/8     | .669   | 27.8             | 20.3     |
| 22        | D100R22        | R1       | 9.440        | 8.783      | 14   | 3-3/4     | 3-7/32     | 2-7/8   | 1/16    | 5-3/8 | 7/8     | .669   | 30.3             | 22.8     |
| 24        | D100R24        | R1       | 10.250       | 9.577      | 14   | 3-3/4     | 3-7/32     | 2-7/8   | 1/16    | 5-3/8 | 7/8     | .669   | 37.0             | 29.5     |
| 35        | D100R35        | R1       | 14.640       | 13.945     | 14   | 3-3/4     | 3-7/32     | 2-7/8   | 1/16    | 5-3/8 | 7/8     | .669   | 84.3             | 76.8     |
| 45        | D100S45        | S1       | 18.630       | 17.920     | 15   | 4-1/4     | 4-3/4      | 4-3/8   | 1-15/64 | 6-3/8 | 1-1/16  | .669   | 151.5            | 138.0    |
| 60        | D100S60        | S1       | 24.600       | 23.884     | 15   | 4-1/4     | 4-3/4      | 4-3/8   | 1-15/64 | 6-3/8 | 1-1/16  | .669   | 264.5            | 251.0    |
| 70        | D100S70        | S1       | 28.580       | 27.862     | 18   | 4-1/4     | 7-1/8      | 6-3/4   | 2 1/4   | 6-3/8 | 2-7/16  | .669   | 371.5            | 358.0    |
| 80        | D100S80        | S1       | 32.570       | 31.839     | 18   | 4-1/4     | 7-1/8      | 6-3/4   | 2 1/4   | 6-3/8 | 2-7/16  | .669   | 444.5            | 431.0    |

Sprockets with "H" suffix have hardened teeth.



# Martin

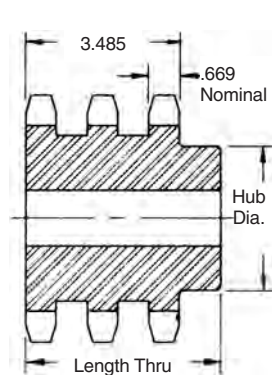
## All Steel Stock Sprockets

## No. 100-3 1¼" Pitch

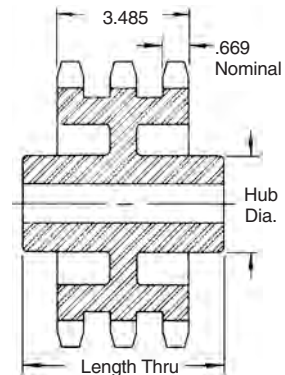
### Triple-Type B & C

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 11        | E100B11        | 5.010            | B    | 1             | 2½        | 3¾           | 4¾          | 11.7                  |
| 12        | E100B12        | 5.420            | B    | 1½            | 2¾        | 3¾           | 4¾          | 13.7                  |
| 13        | E100B13        | 5.820            | B    | 1½            | 2¾        | 3¾           | 4¾          | 16.9                  |
| 14        | E100B14        | 6.230            | B    | 1½            | 2¾        | 4¾           | 4¾          | 20.2                  |
| 15        | E100B15        | 6.630            | B    | 1½            | 3¾        | 4¾           | 4¾          | 25.0                  |
| 16        | E100B16        | 7.030            | B    | 1½            | 3¾        | 5            | 4¾          | 29.3                  |
| 17        | E100B17        | 7.440            | B    | 1½            | 3¾        | 5¾           | 4¾          | 33.8                  |
| 18        | E100B18        | 7.840            | B    | 1½            | 3¾        | 5¾           | 4¾          | 38.6                  |
| 19        | E100B19        | 8.240            | B    | 1½            | 3¾        | 5¾           | 4¾          | 43.3                  |
| 20        | E100B20        | 8.640            | B    | 1½            | 3¾        | 5¾           | 4¾          | 47.9                  |
| 21        | E100B21        | 9.040            | B    | 1½            | 3¾        | 5¾           | 4¾          | 52.3                  |
| 22        | E100B22        | 9.440            | B    | 1½            | 3¾        | 5¾           | 4¾          | 57.5                  |
| 23        | E100B23        | 9.840            | B    | 1½            | 3¾        | 5¾           | 4¾          | 62.5                  |
| 24        | E100B24        | 10.250           | B    | 1½            | 3¾        | 5¾           | 4¾          | 69                    |
| 25        | E100B25        | 10.650           | B    | 1½            | 3¾        | 5¾           | 4¾          | 73                    |
| 26        | E100B26        | 11.050           | B    | 1½            | 3¾        | 5¾           | 4¾          | 79                    |
| 30        | E100B30        | 12.640           | B    | 1½            | 3¾        | 5¾           | 4¾          | 103                   |
| 35        | E100C35        | 14.640           | C    | 1½            | 4         | 6            | 5           | 108                   |
| 45        | E100C45        | 18.630           | C    | 1½            | 4         | 6            | 5           | 143                   |
| 60        | E100C60        | 24.600           | C    | 1½            | 5¾        | 7¾           | 5           | 217                   |
| 70        | E100C70        | 28.580           | C    | 1½            | 5¾        | 7¾           | 5           | 262                   |
| 80        | E100C80        | 32.570           | C    | 1½            | 5¾        | 7¾           | 5           | 313                   |

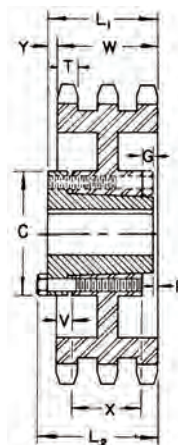
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.



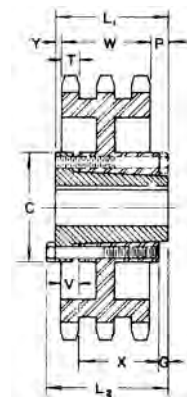
TYPE B



TYPE C



QD — TYPE B<sub>1</sub>



QD — TYPE C<sub>3</sub>

#### Alteration Charges

See current discount sheet for alteration charges.

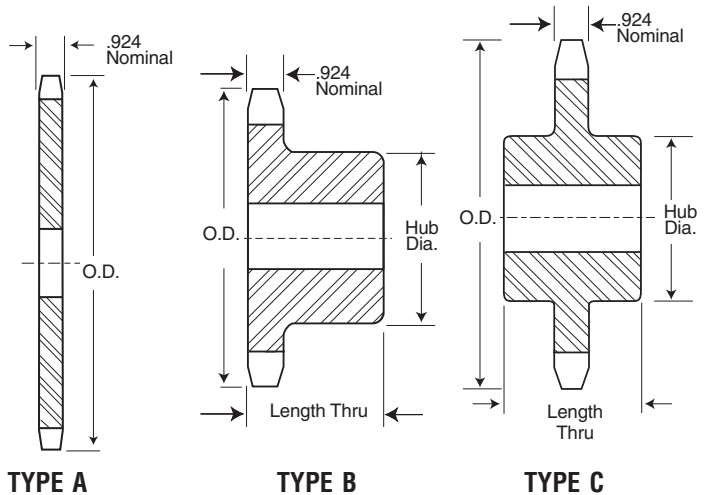
### Triple-Type QD

| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore                       | Dimensions                      |                                 |                               |     |                                |     |                                |                                |      |       | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|---------------------------------|---------------------------------|---------------------------------|-------------------------------|-----|--------------------------------|-----|--------------------------------|--------------------------------|------|-------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |                                 | L <sub>1</sub>                  | L <sub>2</sub>                  | C                             | Y   | P                              | G   | V                              | X                              | T    | W     | With Hub         | Rim Only |
| 35        | E100F35        | F        | 14.640           | 13.945         | B1   | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>63</sup> / <sub>64</sub> | 4 <sup>23</sup> / <sub>64</sub> | 6 <sup>1</sup> / <sub>2</sub> | 1/2 | 2 <sup>3</sup> / <sub>64</sub> | 1/8 | 1/8                            | 2 <sup>1</sup> / <sub>2</sub>  | .669 | 3.485 | 112              | 100      |
| 45        | E100F45        | F        | 18.630           | 17.820         | B1   | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>63</sup> / <sub>64</sub> | 4 <sup>23</sup> / <sub>64</sub> | 6 <sup>1</sup> / <sub>2</sub> | 1/2 | 2 <sup>3</sup> / <sub>64</sub> | 1/8 | 1/8                            | 2 <sup>1</sup> / <sub>2</sub>  | .669 | 3.485 | 139              | 120      |
| 60        | E100J60        | J        | 24.600           | 28.884         | C3   | 4 <sup>1</sup> / <sub>2</sub>   | 4 <sup>1</sup> / <sub>2</sub>   | 5                               | 7 <sup>1</sup> / <sub>4</sub> | 1/2 | 3 <sup>3</sup> / <sub>64</sub> | 3/8 | 1 <sup>1</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub> | .669 | 3.485 | 197              | 178      |
| 70        | E100J70        | J        | 28.580           | 27.862         | C3   | 4 <sup>1</sup> / <sub>2</sub>   | 4 <sup>1</sup> / <sub>2</sub>   | 5                               | 7 <sup>1</sup> / <sub>4</sub> | 1/2 | 3 <sup>3</sup> / <sub>64</sub> | 3/8 | 1 <sup>1</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub> | .669 | 3.485 | 247              | 228      |
| 80        | E100J80        | J        | 32.570           | 31.839         | C3   | 4 <sup>1</sup> / <sub>2</sub>   | 4 <sup>1</sup> / <sub>2</sub>   | 5                               | 7 <sup>1</sup> / <sub>4</sub> | 1/2 | 3 <sup>3</sup> / <sub>64</sub> | 3/8 | 1 <sup>1</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub> | .669 | 3.485 | 287              | 268      |

# All Steel Stock Sprockets

# Martin

## No. 120 1½" Pitch



### Single-Type B & C

### Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) | Type   | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|--------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |        |                |            |                       |
| 8         |                | 4.520            |      |               |           |              |             |                       | A      | 120A8          | 1½         | 2.4                   |
| 9         | 120B9          | 5.020            | B    | 1%            | 1⅝        | 3%★          | 2½          | 5.3                   | A      | 120A9          | 1½         | 3.0                   |
| 10        | 120B10         | 5.520            | B    | 1%            | 2%        | 3%★          | 2½          | 7.1                   | A      | 120A10         | 1½         | 3.8                   |
| 11        | 120B11         | 6.010            | B    | 1%            | 2%        | 3%           | 2½          | 7.6                   | A      | 120A11         | 1½         | 4.8                   |
| 12        | 120B12         | 6.500            | B    | 1%            | 2%        | 4%           | 2½          | 9.9                   | A      | 120A12         | 1½         | 5.8                   |
| 13        | 120B13         | 6.990            | B    | 1%            | 3         | 4½           | 2½          | 12.4                  | A      | 120A13         | 1½         | 6.7                   |
| 14        | 120B14         | 7.470            | B    | 1%            | 3%        | 4%           | 2½          | 14.4                  | A      | 120A14         | 1½         | 8.0                   |
| 15        | 120B15         | 7.960            | B    | 1%            | 3%        | 4%           | 2%          | 16.7                  | A      | 120A15         | 1½         | 9.1                   |
| 16        | 120B16         | 8.440            | B    | 1½            | 3½        | 5%           | 2%          | 19.9                  | A      | 120A16         | 1½         | 10.6                  |
| 17        | 120B17         | 8.920            | B    | 1%            | 3%        | 5%           | 2%          | 20.8                  | A      | 120A17         | 1½         | 12.6                  |
| 18        | 120B18         | 9.410            | B    | 1%            | 3%        | 5%           | 2%          | 22.2                  | A      | 120A18         | 1½         | 13.6                  |
| 19        | 120B19         | 9.890            | B    | 1½            | 3½        | 5%           | 2%          | 24.8                  | A      | 120A19         | 1½         | 15.1                  |
| 20        | 120B20         | 10.370           | B    | 1%            | 3%        | 5%           | 2%          | 25.8                  | A      | 120A20         | 1½         | 16.9                  |
| 21        | 120B21         | 10.850           | B    | 1%            | 3%        | 5%           | 2%          | 26.7                  | A      | 120A21         | 1½         | 18.7                  |
| 22        | 120B22         | 11.330           | B    | 1%            | 3%        | 5%           | 2%          | 28.2                  | A      | 120A22         | 1½         | 20.0                  |
| 23        | 120B23         | 11.810           | B    | 1%            | 3%        | 5%           | 2%          | 30.3                  | A      | 120A23         | 1½         | 22.1                  |
| 24        | 120B24         | 12.290           | B    | 1%            | 3½        | 5%           | 2%          | 32.1                  | A      | 120A24         | 1½         | 24.8                  |
| 25        | 120B25         | 12.770           | B    | 1%            | 3%        | 5%           | 2%          | 34.6                  | A      | 120A25         | 1½         | 26.8                  |
| 26        | 120B26         | 13.250           | B    | 1½            | 4         | 6            | 2½          | 40.0                  | A      | 120A26         | 1½         | 28.3                  |
| 27        |                | 13.730           |      |               |           |              |             |                       | A      | 120A27         | 1½         | 30.9                  |
| 28        | 120B28         | 14.210           | B    | 1½            | 4         | 6            | 2½          | 44.9                  | A      | 120A28         | 1½         | 33.6                  |
| 30        | 120B30         | 15.170           | B    | 1½            | 4         | 6            | 2½          | 50.2                  | A      | 120A30         | 1½         | 39.0                  |
| 32        | 120B32         | 16.130           | B    | 1½            | 4         | 6            | 2½          | 56.0                  | A      | 120A32         | 1½         | 43.9                  |
| 33        |                | 16.610           |      |               |           |              |             |                       | A      | 120A33         | 1½         | 48.2                  |
| 34        |                | 17.090           |      |               |           |              |             |                       | A      | 120A34         | 1½         | 50                    |
| 35        | 120B35         | 17.570           | B    | 1½            | 4         | 6            | 2½          | 62.4                  | A      | 120A35         | 1½         | 52                    |
| 36        | 120B36         | 18.050           | B    | 1%            | 4         | 6            | 2½          | 66.4                  | A      | 120A36         | 1½         | 56                    |
| 40        | 120C40         | 19.960           | C    | 1½            | 4         | 6            | 3%          | 92.0                  | A      | 120A40         | 1½         | 71                    |
| 42        | 120C42         | 20.920           | C    | 1½            | 4         | 6            | 3%          | 98.0                  | A      | 120A42         | 1½         | 75                    |
| 45        | 120C45         | 22.350           | C    | 1½            | 4         | 6            | 3%          | 99.2                  | A      | 120A45         | 1½         | 88                    |
| 48        | 120C48         | 23.790           | C    | 1½            | 4         | 6            | 4           | 113 A                 | 120A48 | 1½             | 103        |                       |
| 54        | 120C54         | 26.650           | C    | 1½            | 4         | 6            | 4           | 133 A                 | 120A54 | 1½             | 140        |                       |
| 60        | 120C60         | 29.520           | C    | 1½            | 5%        | 7            | 4           | 160 A                 | 120A60 |                | 1½         | 160                   |
| 70        | 120C70         | 34.300           | C    | 1%            | 5%        | 7½           | 4½          | 206 A                 | 120A70 |                | 1½         | 216                   |
| 80        | 120C80         | 39.080           | C    | 1½            | 5%        | 7½           | 4½          | 254 A                 | 120A80 |                | 1½         | 284                   |
| 90        |                | 43.850           |      |               |           |              |             |                       | A      | 120A90         | 1½         | 358                   |

\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

#### Alteration Charges

See current discount sheet for alteration charges.

# Martin

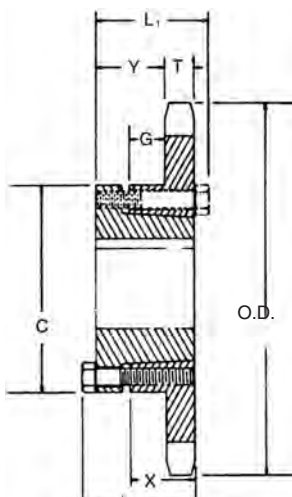
## All Steel Stock Sprockets

## No. 120 1½" Pitch

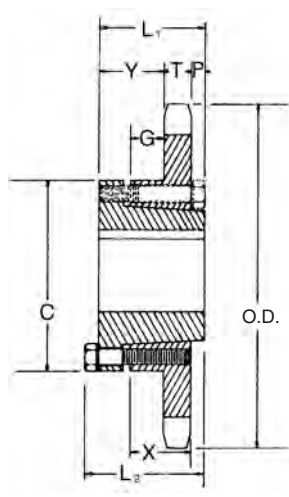
### Single-Type QD With Hardened Teeth

| No. Teeth | Catalog Number |
|-----------|----------------|
| 12        | 120SF12H       |
| 13        | 120SF13H       |
| 14        | 120SF14H       |
| 15        | 120SF15H       |
| 16        | 120E16H        |
| 17        | 120E17H        |
| 18        | 120E18H        |
| 19        | 120E19H        |
| 20        | 120E20H        |
| 21        | 120E21H        |
| 22        | 120E22H        |
| 23        | 120E23H        |
| 24        | 120E24H        |
| 25        | 120E25H        |
| 26        | 120E26H        |
| 28        | 120E28H        |
| 30        | 120E30H        |

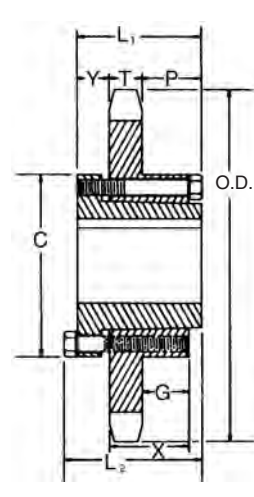
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QD — TYPE B



QD — TYPE B<sub>1</sub>



QD — TYPE C

SPROCKETS

### Single-Type QD

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

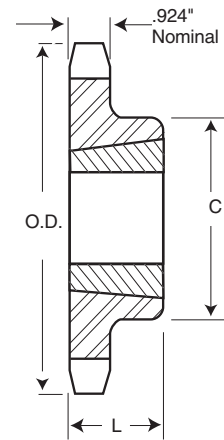
# All Steel Stock Sprockets

# Martin

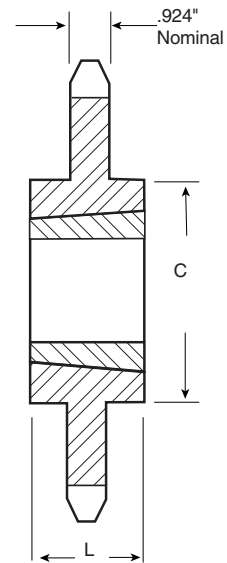
## No. 120 1½" Pitch

### Single-Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameter         |                | Max. Bore | Dimensions |    | Type | Weight (Approx.) |              |
|-----------|----------------|---------|------------------|----------------|-----------|------------|----|------|------------------|--------------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C  |      | Rim Only         | Bushing Only |
| 12        | 120BTB12       | 2012    | 6.498            | 5.796          | 2         | 1¼         | 3⅞ | B    | 5.5              | 1.7          |
| 13        | 120BTB13       | 2517    | 6.896            | 6.268          | 2½        | 1¼         | 4¼ | B    | 6.0              | 3.5          |
| 14        | 120BTB14       | 2517    | 7.472            | 6.741          | 2½        | 1¼         | 4¼ | B    | 7.0              | 3.5          |
| 15        | 120BTB15       | 2517    | 7.957            | 7.215          | 2½        | 1¼         | 4¼ | B    | 8.0              | 3.5          |
| 16        | 120BTB16       | 3020    | 8.441            | 7.689          | 3         | 2          | 5¼ | B    | 10.0             | 6.5          |
| 17        | 120BTB17       | 3020    | 8.924            | 8.163          | 3         | 2          | 5¼ | B    | 11.0             | 6.5          |
| 18        | 120BTB18       | 3020    | 9.407            | 8.638          | 3         | 2          | 5¼ | B    | 12.0             | 6.5          |
| 19        | 120BTB19       | 3020    | 9.889            | 9.113          | 3         | 2          | 5¼ | B    | 14.0             | 6.5          |
| 20        | 120BTB20       | 3020    | 10.371           | 9.588          | 3         | 2          | 5¼ | B    | 15.5             | 6.5          |
| 21        | 120BTB21       | 3020    | 10.851           | 10.064         | 3         | 2          | 5¼ | B    | 17.5             | 6.5          |
| 24        | 120BTB24       | 3020    | 12.294           | 11.492         | 3         | 2          | 5¼ | B    | 23.5             | 6.5          |
| 26        | 120BTB26       | 3020    | 13.254           | 12.444         | 3         | 2          | 5¼ | B    | 28.5             | 6.5          |
| 30        | 120BTB30       | 3020    | 15.171           | 14.351         | 3         | 2          | 5¼ | B    | 33.5             | 6.5          |
| 35        | 120CTB35       | 3020    | 17.566           | 16.734         | 3         | 2          | 5¼ | C    | 52.0             | 6.5          |
| 45        | 120CTB45       | 3030    | 22.351           | 21.503         | 3         | 3          | 5¼ | C    | 82.0             | 9.2          |
| 60        | 120CTB60       | 3535    | 29.522           | 28.661         | 3½        | 3½         | 6¼ | C    | 140.0            | 14.0         |
| 70        | 120CTB70       | 3535    | 34.301           | 33.434         | 3½        | 3½         | 6¼ | C    | 175.0            | 14.0         |
| 80        | 120CTB80       | 3535    | 39.078           | 38.207         | 3½        | 3½         | 6¼ | C    | 220.0            | 14.0         |



TYPE B



TYPE C

### Single-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     |

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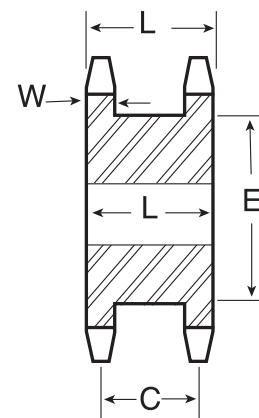


### Single-Type C — Steel 1½" Pitch

| No. Teeth | Catalog Number | Outside Diameter | Bore (inches) |           | Hub (inches) |        | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|---------------|-----------|--------------|--------|-----------------------|
|           |                |                  | Stock         | Rec. Max. | Diameter     | Length |                       |
| 11        | 120C11         | 6.010            | 1%            | 2%        | 3⅞           | 3%     | 12.45                 |
| 12        | 120C12         | 6.500            | 1%            | 2%        | 4⅜           | 3%     | 14.80                 |
| 13        | 120C13         | 6.990            | 1%            | 3         | 4%           | 3%     | 17.15                 |
| 14        | 120C14         | 7.470            | 1%            | 3¼        | 4%           | 3%     | 19.50                 |

### Double Single-Type A — Steel

| No. Teeth | Catalog Number | Diameters        |                | Type | Min. Bore | Max. Bore | Dimensions |    |    | w Nom. | Wt. (Approx.) |
|-----------|----------------|------------------|----------------|------|-----------|-----------|------------|----|----|--------|---------------|
|           |                | Outside Diameter | Pitch Diameter |      |           |           | L          | C  | E  |        |               |
| 15        | DS120A15       | 7.960            | 7.215          | A    | 1⅞        | 3¾        | 3⅞         | 2⅞ | 5⅜ | .924   | 30.0          |
| 16        | DS120A16       | 8.440            | 7.689          | A    | 1⅞        | 4         | 3⅞         | 2⅞ | 6  | .924   | 34.0          |
| 17        | DS120A17       | 8.920            | 8.163          | A    | 1⅞        | 4⅞        | 3⅞         | 2⅞ | 6⅜ | .924   | 37.0          |
| 18        | DS120A18       | 9.410            | 8.638          | A    | 1⅞        | 5⅞        | 3⅞         | 2⅞ | 6⅜ | .924   | 42.0          |
| 19        | DS120A19       | 9.890            | 9.113          | A    | 1⅞        | 5½        | 3⅞         | 2⅞ | 7⅜ | .924   | 47.0          |
| 20        | DS120A20       | 10.370           | 9.589          | A    | 1⅞        | 5⅞        | 3⅞         | 2⅞ | 7⅞ | .924   | 51.0          |



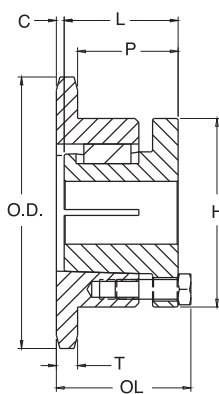
TYPE A

SPROCKETS

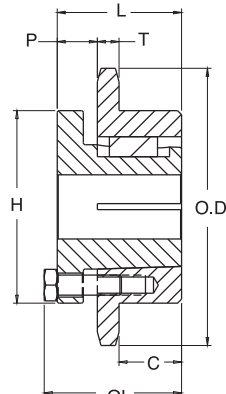


# MST Sprockets

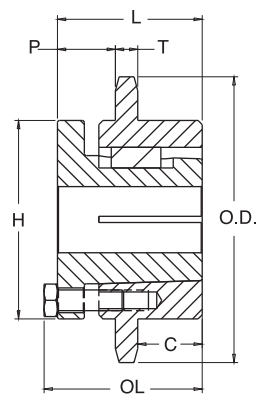
# No. 120 1 1/2" Pitch



**TYPE 4**



**TYPE 5**



**TYPE 6**

## Single - MST Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |       |        |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|-------|--------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L     | C      | H     | P       | T(nom) | With Hub         | Rim Only |
| 11        | 120Q11H        | Q1       | 6.010        | 5.324      | 4    | 2-11/16   | 2-25/32    | 2-1/2 | 0      | 4-1/8 | 1 9/16  | .924   | 8.3              | 4.8      |
| 12        | 120Q12H        | Q1       | 6.500        | 5.796      | 4    | 2-11/16   | 2-25/32    | 2-1/2 | 0      | 4-1/8 | 1 9/16  | .924   | 9.8              | 6.3      |
| 13        | 120Q13H        | Q1       | 6.990        | 6.268      | 4    | 2-11/16   | 2-25/32    | 2-1/2 | 0      | 4-1/8 | 1 9/16  | .924   | 11.4             | 7.9      |
| 14        | 120Q14H        | Q1       | 7.470        | 6.741      | 4    | 2-11/16   | 2-25/32    | 2-1/2 | 0      | 4-1/8 | 1 9/16  | .924   | 12.7             | 9.2      |
| 15        | 120Q15H        | Q1       | 7.960        | 7.215      | 4    | 2-11/16   | 2-25/32    | 2-1/2 | 0      | 4-1/8 | 1 9/16  | .924   | 13.9             | 10.4     |
| 16        | 120Q16H        | Q1       | 8.440        | 7.689      | 4    | 2-11/16   | 2-25/32    | 2-1/2 | 0      | 4-1/8 | 1-15/16 | .924   | 15.3             | 11.8     |
| 16        | 120R16H        | R1       | 8.440        | 7.689      | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 19.5             | 12.0     |
| 17        | 120Q17H        | Q1       | 8.920        | 8.163      | 4    | 2-11/16   | 2-25/32    | 2-1/2 | 0      | 4-1/8 | 1-15/16 | .924   | 16.9             | 13.4     |
| 17        | 120R17H        | R1       | 8.920        | 8.163      | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 21.2             | 13.7     |
| 18        | 120Q18H        | Q1       | 9.410        | 8.638      | 4    | 2-11/16   | 2-25/32    | 2-1/2 | 0      | 4-1/8 | 1-15/16 | .924   | 19.1             | 15.6     |
| 18        | 120R18H        | R1       | 9.410        | 8.638      | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 22.5             | 15.0     |
| 19        | 120R19H        | R1       | 9.890        | 9.113      | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 24.4             | 16.9     |
| 20        | 120R20H        | R1       | 10.370       | 9.589      | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 26.3             | 18.8     |
| 21        | 120R21H        | R1       | 10.850       | 10.064     | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 28.2             | 20.7     |
| 22        | 120R22H        | R1       | 11.330       | 10.540     | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 30.0             | 22.5     |
| 23        | 120R23H        | R1       | 11.810       | 11.016     | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 31.8             | 24.3     |
| 24        | 120R24H        | R1       | 12.290       | 11.492     | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 34.6             | 27.1     |
| 25        | 120R25H        | R1       | 12.770       | 11.968     | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 36.6             | 29.1     |
| 26        | 120R26H        | R1       | 13.250       | 12.444     | 5    | 3-3/4     | 3-5/32     | 2-7/8 | 1-1/16 | 5-3/8 | 7/8     | .924   | 40.8             | 33.3     |
| 28        | 120R28H        | R1       | 14.210       | 13.397     | 5    | 3-3/4     | 3-5/32     | 2-7/8 | 1-1/16 | 5-3/8 | 7/8     | .924   | 45.5             | 38.0     |
| 30        | 120R30H        | R1       | 15.170       | 14.350     | 5    | 3-3/4     | 3-5/32     | 2-7/8 | 1-1/16 | 5-3/8 | 7/8     | .924   | 50.8             | 43.3     |
| 32        | 120R32         | R1       | 16.130       | 15.303     | 5    | 3-3/4     | 3-5/32     | 2-7/8 | 1-1/16 | 5-3/8 | 7/8     | .924   | 56.9             | 49.4     |
| 35        | 120R35         | R2       | 17.570       | 16.734     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2      | 5-3/8 | 1-15/16 | .924   | 79.0             | 68.0     |
| 36        | 120R36         | R2       | 18.050       | 17.211     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2      | 5-3/8 | 1-15/16 | .924   | 83.0             | 72.0     |
| 40        | 120R40         | R2       | 19.960       | 19.118     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2      | 5-3/8 | 1-15/16 | .924   | 93.0             | 82.0     |
| 40        | 120S40         | S1       | 19.960       | 19.118     | 5    | 4-1/4     | 4-3/4      | 4-3/8 | 2-3/8  | 6-3/8 | 1-1/16  | .924   | 96.5             | 83.0     |
| 42        | 120S42         | S1       | 20.920       | 20.072     | 5    | 4-1/4     | 4-3/4      | 4-3/8 | 2-3/8  | 6-3/8 | 1-1/16  | .924   | 103.5            | 90.0     |
| 45        | 120R45         | R2       | 22.350       | 21.503     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2      | 5-3/8 | 1-15/16 | .924   | 113.0            | 102.0    |
| 45        | 120S45         | S1       | 22.350       | 21.503     | 5    | 4-1/4     | 4-3/4      | 4-3/8 | 2-3/8  | 6-3/8 | 1-1/16  | .924   | 113.5            | 100.0    |
| 48        | 120S48         | S1       | 23.790       | 22.935     | 5    | 4-1/4     | 4-3/4      | 4-3/8 | 2-3/8  | 6-3/8 | 1-1/16  | .924   | 124.5            | 111.0    |
| 54        | 120S54         | S1       | 26.650       | 25.798     | 5    | 4-1/4     | 4-3/4      | 4-3/8 | 2-3/8  | 6-3/8 | 1-1/16  | .924   | 151.5            | 138.0    |
| 60        | 120R60         | R2       | 29.520       | 28.661     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2      | 5-3/8 | 1-15/16 | .924   | 190.0            | 179.0    |
| 60        | 120S60         | S1       | 29.520       | 28.661     | 5    | 4-1/4     | 4-3/4      | 4-3/8 | 2-3/8  | 6-3/8 | 1-1/16  | .924   | 193.5            | 180.0    |
| 70        | 120R70         | R2       | 34.300       | 33.434     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2      | 5-3/8 | 1-15/16 | .924   | 159.0            | 148.0    |
| 70        | 120S70         | S2       | 34.300       | 33.434     | 5    | 4-3/16    | 7-1/8      | 6-3/4 | 2-7/8  | 6-3/8 | 2-15/16 | .924   | 186.0            | 167.0    |
| 80        | 120R80         | R2       | 39.080       | 38.207     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2      | 5-3/8 | 1-15/16 | .924   | 302.0            | 291.0    |
| 80        | 120S80         | S2       | 39.080       | 38.207     | 6    | 4-3/16    | 7-1/8      | 6-3/4 | 2-7/8  | 6-3/8 | 2-15/16 | .924   | 324.0            | 305.0    |

Sprockets with "H" suffix have hardened teeth.

**SPROCKETS**



# All Steel Stock Sprockets

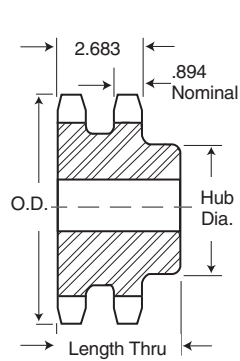
# Martin

## No. 120-2 1½" Pitch

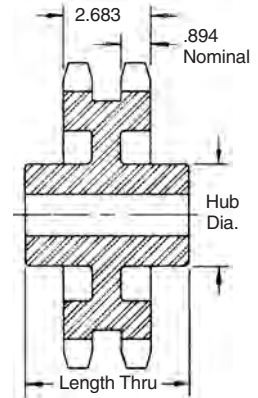
### Double-Type B & C

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 11        | D120B11        | 6.010            | B    | 1½            | 2¾        | 3⅞           | 3¾          | 13.6                  |
| 12        | D120B12        | 6.500            | B    | 1½            | 2¾        | 4⅞           | 3¾          | 17.3                  |
| 13        | D120B13        | 6.990            | B    | 1½            | 3         | 4⅞           | 3¾          | 21.1                  |
| 14        | D120B14        | 7.470            | B    | 1½            | 3⅞        | 5            | 3¾          | 25.6                  |
| 15        | D120B15        | 7.960            | B    | 1½            | 3⅞        | 5¼           | 3¾          | 29.9                  |
| 16        | D120B16        | 8.440            | B    | 1½            | 3⅞        | 5¼           | 3¾          | 33.8                  |
| 17        | D120B17        | 8.920            | B    | 1½            | 3⅞        | 5¼           | 3¾          | 36.9                  |
| 18        | D120B18        | 9.410            | B    | 1½            | 3⅞        | 5¼           | 3¾          | 41.9                  |
| 19        | D120B19        | 9.890            | B    | 1½            | 3⅞        | 5¼           | 3¾          | 46.5                  |
| 20        | D120B20        | 10.370           | B    | 1½            | 3⅞        | 5¼           | 3¾          | 50.2                  |
| 21        | D120B21        | 10.850           | B    | 1½            | 3⅞        | 5¼           | 3¾          | 55.6                  |
| 22        | D120B22        | 11.330           | B    | 1½            | 3⅞        | 5¼           | 4           | 64.0                  |
| 23        | D120B23        | 11.810           | B    | 1½            | 4         | 6¼           | 4           | 75.0                  |
| 24        | D120B24        | 12.290           | B    | 1½            | 4         | 6¼           | 4           | 79.0                  |
| 25        | D120B25        | 12.770           | B    | 1½            | 4         | 6¼           | 4           | 84.0                  |
| 26        | D120B26        | 13.250           | B    | 1½            | 4         | 6¼           | 4           | 90.0                  |
| 30        | D120B30        | 15.170           | B    | 1½            | 4         | 6¼           | 4           | 119                   |
| 35        | D120C35        | 17.570           | C    | 1½            | 5¾        | 7¼           | 6           | 148                   |
| 45        | D120C45        | 22.350           | C    | 1½            | 5¾        | 7¼           | 6           | 188                   |
| 60        | D120C60        | 29.520           | C    | 1½            | 6¾        | 9¼           | 6¼          | 307                   |

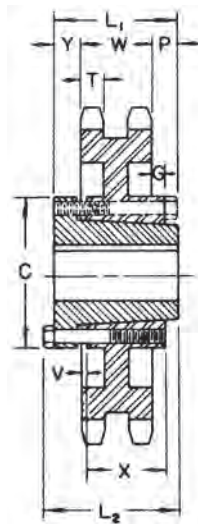
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.



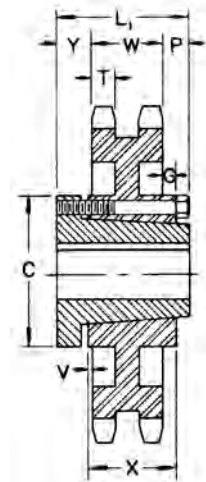
TYPE B



TYPE C



"QD" — TYPE C<sub>5</sub>



"QD" — TYPE C<sub>6</sub>

#### Alteration Charges

See current discount sheet for alteration charges.

### Double-Type "QD"

| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |    |    |    |    |   |    |      |       | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|-----------|----------------|----------------|----|----|----|----|---|----|------|-------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C  | Y  | P  | G  | V | X  | T    | W     | With Hub         | Rim Only |
| 30        | D120J30        | J        | 15.170           | 14.350         | C5   | 4⅞        | 4½             | 5              | 7¼ | 1½ | 2⅞ | 2⅞ | ⅞ | 3⅞ | .894 | 2.683 | 97.5             | 78.0     |
| 35        | D120J35        | J        | 17.570           | 16.734         | C5   | 4⅞        | 4½             | 5              | 7¼ | 1½ | 2⅞ | 2⅞ | ⅞ | 3⅞ | .894 | 2.683 | 112 93.0         |          |
| 45        | D120J45        | J        | 22.350           | 21.502         | C5   | 4⅞        | 4½             | 5              | 7¼ | 1½ | 2⅞ | 2⅞ | ⅞ | 3⅞ | .894 | 2.683 | 157 138          |          |
| 60        | D120M60        | M        | 29.520           | 28.661         | C6   | 5½        | 6¼             | 6¼             | 9  | 2½ | 1⅞ | 1⅞ | ⅞ | 5⅞ | .894 | 2.683 | 271 234          |          |

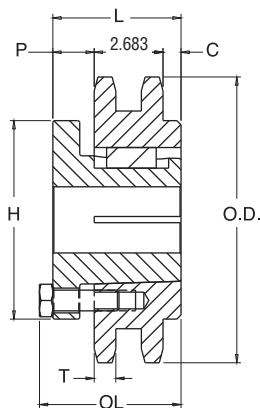


# Martin

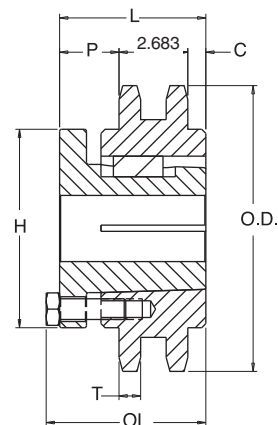
## MST<sup>®</sup> Sprockets

# No. 120-2

## 1½" Pitch



TYPE 15



TYPE 18

SPROCKETS

### Double - MST<sup>®</sup> Sprockets

| No. Teeth | Catalog Number | Bush-<br>ing | Diameters    |            | Type | Max. Bore | Dimensions |       |         |       |        |        | (Approx.) |          |
|-----------|----------------|--------------|--------------|------------|------|-----------|------------|-------|---------|-------|--------|--------|-----------|----------|
|           |                |              | Outside Dia. | Pitch Dia. |      |           | OL         | L     | C       | H     | P      | T(nom) | With Hub  | Rim Only |
| 30        | D120S30        | S1           | 15.170       | 14.350     | 15   | 4-1/4     | 4-3/4      | 4-3/8 | 5/8     | 6-3/8 | 1-1/16 | .894   | 118.5     | 105.0    |
| 35        | D120S35        | S1           | 17.570       | 16.734     | 15   | 4-1/4     | 4-3/4      | 4-3/8 | 5/8     | 6-3/8 | 1-1/16 | .894   | 161.5     | 148.0    |
| 45        | D120S45        | S2           | 22.350       | 21.503     | 18   | 4-3/16    | 7-1/8      | 6-3/4 | 1-27/32 | 6-3/8 | 2-7/32 | .894   | 287.0     | 268.0    |
| 60        | D120U60        | U0           | 29.520       | 28.661     | 15   | 5-1/2     | 5-23/32    | 5-1/4 | 1-9/32  | 8-3/8 | 19/32  | .894   | 213.0     | 183.0    |

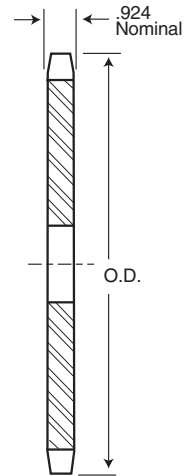
Sprockets with "H" suffix have hardened teeth.

# No. 140

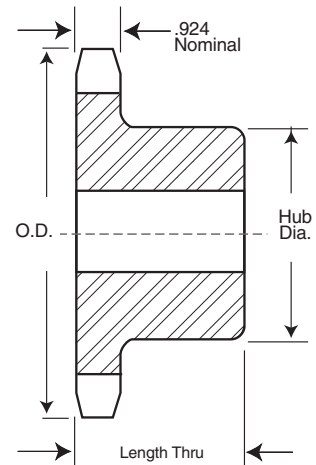
## 1<sup>3</sup>/<sub>4</sub>" Pitch

# All Steel Stock Sprockets

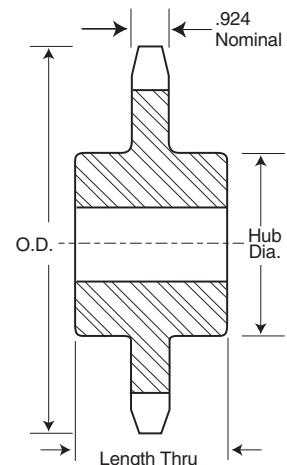
# Martin



TYPE A



TYPE B



TYPE C

### Single-Type B & C

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches)                 |                               | Hub (inches)                  |                               | Weight Lbs. (Approx.) | Type | Catalog Number | Stock Bore                    | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------|------|----------------|-------------------------------|-----------------------|
|           |                |                  |      | Stock                         | Rec. Max.                     | Dia.                          | Length Thru                   |                       |      |                |                               |                       |
| 11        | 140B11         | 7.010            | B    | 1 <sup>1</sup> / <sub>2</sub> | 2 <sup>3</sup> / <sub>4</sub> | 4 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub> | 11.3                  | A    | 140A11         | 1 <sup>1</sup> / <sub>2</sub> | 5.0                   |
| 12        | 140B12         | 7.580            | B    | 1 <sup>1</sup> / <sub>2</sub> | 3                             | 4 <sup>1</sup> / <sub>2</sub> | 2 <sup>1</sup> / <sub>4</sub> | 13.2                  | A    | 140A12         | 1 <sup>1</sup> / <sub>2</sub> | 7.8                   |
| 13        | 140B13         | 8.150            | B    | 1 <sup>1</sup> / <sub>2</sub> | 3 <sup>3</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>8</sub> | 2 <sup>1</sup> / <sub>4</sub> | 18.9                  | A    | 140A13         | 1 <sup>1</sup> / <sub>2</sub> | 8.2                   |
| 14        | 140B14         | 8.720            | B    | 1 <sup>1</sup> / <sub>2</sub> | 3 <sup>3</sup> / <sub>4</sub> | 5 <sup>1</sup> / <sub>2</sub> | 2 <sup>1</sup> / <sub>4</sub> | 20.4                  | A    | 140A14         | 1 <sup>1</sup> / <sub>2</sub> | 10.0                  |
| 15        | 140B15         | 9.280            | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub> | 25.1                  | A    | 140A15         | 1 <sup>1</sup> / <sub>2</sub> | 11.0                  |
| 16        | 140B16         | 9.850            | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub> | 27.9                  | A    | 140A16         | 1 <sup>1</sup> / <sub>2</sub> | 14.0                  |
| 17        | 140B17         | 10.410           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub> | 29.8                  | A    | 140A17         | 1 <sup>1</sup> / <sub>2</sub> | 16.0                  |
| 18        | 140B18         | 10.980           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub> | 32.0                  | A    | 140A18         | 1 <sup>1</sup> / <sub>2</sub> | 18.0                  |
| 19        | 140B19         | 11.540           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub> | 34.1                  | A    | 140A19         | 1 <sup>1</sup> / <sub>2</sub> | 21.0                  |
| 20        | 140B20         | 12.100           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub> | 36.0                  | A    | 140A20         | 1 <sup>1</sup> / <sub>2</sub> | 23.0                  |
| 21        | 140B21         | 12.660           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub> | 38.7                  | A    | 140A21         | 1 <sup>1</sup> / <sub>2</sub> | 25.0                  |
| 22        | 140B22         | 13.220           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub> | 40.6                  | A    | 140A22         | 1 <sup>1</sup> / <sub>2</sub> | 28.0                  |
| 23        | 140B23         | 13.780           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub> | 42.1                  | A    | 140A23         | 1 <sup>1</sup> / <sub>2</sub> | 30.0                  |
| 24        | 140B24         | 14.340           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub> | 46.2                  | A    | 140A24         | 1 <sup>1</sup> / <sub>2</sub> | 33.0                  |
| 25        | 140B25         | 14.900           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub> | 47.8                  | A    | 140A25         | 1 <sup>1</sup> / <sub>2</sub> | 34.0                  |
| 26        | 140B26         | 15.460           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 3                             | 57.2                  | A    | 140A26         | 1 <sup>1</sup> / <sub>2</sub> | 39.0                  |
| 27        | 140B27         | 16.020           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 3                             | 58.5                  | A    | 140A27         | 1 <sup>1</sup> / <sub>2</sub> | 41.0                  |
| 28        | 140B28         | 16.580           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 3                             | 62.2                  | A    | 140A28         | 1 <sup>1</sup> / <sub>2</sub> | 45.0                  |
| 30        | 140B30         | 17.700           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 3                             | 69.8                  | A    | 140A30         | 1 <sup>1</sup> / <sub>2</sub> | 52.0                  |
| 31        |                | 18.260           |      |                               |                               |                               |                               |                       | A    | 140A31         | 1 <sup>1</sup> / <sub>2</sub> | 56.0                  |
| 32        | 140B32         | 18.820           | B    | 1 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>4</sub> | 3                             | 76.3                  | A    | 140A32         | 1 <sup>1</sup> / <sub>2</sub> | 60.0                  |
| 35        | 140C35         | 20.490           | C    | 1 <sup>1</sup> / <sub>2</sub> | 5 <sup>1</sup> / <sub>2</sub> | 7                             | 4                             | 108.0                 | A    | 140A35         | 1 <sup>1</sup> / <sub>2</sub> | 73.0                  |
| 36        |                | 21.050           |      |                               |                               |                               |                               |                       | A    | 140A36         | 1 <sup>1</sup> / <sub>2</sub> | 77.0                  |
| 40        | 140C40         | 23.290           | C    | 1 <sup>1</sup> / <sub>2</sub> | 5 <sup>1</sup> / <sub>2</sub> | 7                             | 4                             | 121.0                 | A    | 140A40         | 1 <sup>1</sup> / <sub>2</sub> | 93.0                  |
| 45        | 140C45         | 26.080           | C    | 1 <sup>1</sup> / <sub>2</sub> | 5 <sup>1</sup> / <sub>2</sub> | 7                             | 4                             | 142.0                 | A    | 140A45         | 1 <sup>1</sup> / <sub>2</sub> | 131.0                 |
| 48        | 140C48         | 27.750           | C    | 1 <sup>1</sup> / <sub>2</sub> | 5 <sup>1</sup> / <sub>2</sub> | 7                             | 4                             | 150.0                 | A    | 140A48         | 1 <sup>1</sup> / <sub>2</sub> | 134.0                 |
| 54        | 140C54         | 31.100           | C    | 1 <sup>1</sup> / <sub>2</sub> | 5 <sup>1</sup> / <sub>2</sub> | 7                             | 4                             | 177.0                 | A    | 140A54         | 1 <sup>1</sup> / <sub>2</sub> | 173.0                 |
| 60        | 140C60         | 34.440           | C    | 1 <sup>1</sup> / <sub>2</sub> | 5 <sup>1</sup> / <sub>2</sub> | 7                             | 5                             | 220.0                 | A    | 140A60         | 1 <sup>1</sup> / <sub>2</sub> | 219.0                 |
| 70        | 140C70         | 40.020           | C    | 1 <sup>1</sup> / <sub>2</sub> | 5 <sup>1</sup> / <sub>2</sub> | 7 <sup>1</sup> / <sub>2</sub> | 5                             | 282.0                 | A    | 140A70         | 1 <sup>1</sup> / <sub>2</sub> | 292.0                 |
| 80        | 140C80         | 45.590           | C    | 1 <sup>1</sup> / <sub>2</sub> | 5 <sup>1</sup> / <sub>2</sub> | 7 <sup>1</sup> / <sub>2</sub> | 5                             | 331.0                 | A    | 140A80         | 1 <sup>1</sup> / <sub>2</sub> | 402.0                 |

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

#### Alteration Charges

See current discount sheet for alteration charges.

# Martin

## All Steel Stock Sprockets

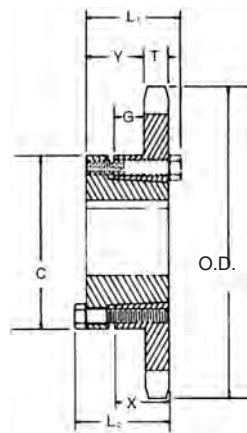
# No. 140

## 1<sup>3</sup>/<sub>4</sub>" Pitch

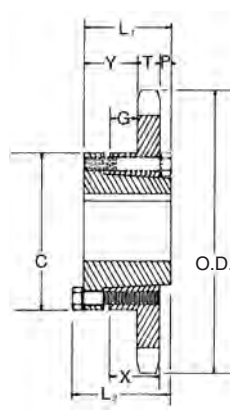
### Single-Type QD With Hardened Teeth

| 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       |

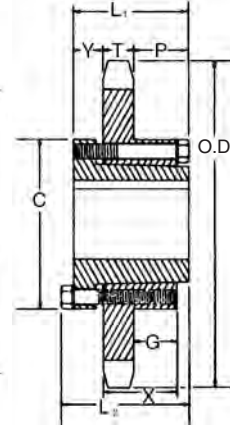
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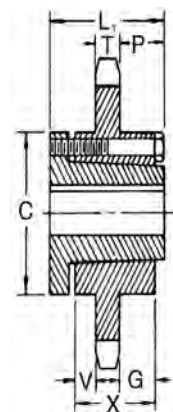
QD — TYPE B



QD — TYPE B<sub>1</sub>



QD — TYPE C



QD — TYPE C<sub>1</sub>

### Single-Type QD

| No. Teeth | Catalog Number | Bush-<br>ing | Diameters           |                   | Type | Max.<br>Bore                    | Dimensions                    |                                 |                                |                                 |                                 |                                 |                                 |                                |      | Weight (Approx.) |             |
|-----------|----------------|--------------|---------------------|-------------------|------|---------------------------------|-------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|------|------------------|-------------|
|           |                |              | Outside<br>Diameter | Pitch<br>Diameter |      |                                 | L <sub>1</sub>                | L <sub>2</sub>                  | C                              | Y                               | P                               | G                               | V                               | X                              | T    | With<br>Hub      | Rim<br>Only |
| 11        | 140SF11        | SF           | 7.010               | 6.212             | B    | 2 <sup>15</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub>   | 4 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>4</sub>   |                                 | 2 <sup>1</sup> / <sub>4</sub>   |                                 | 1 <sup>1</sup> / <sub>4</sub>  | .924 | 8.6              | 5.6         |
| 12        | 140SF12        | SF           | 7.580               | 6.762             | B    | 2 <sup>15</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub>   | 4 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>4</sub>   |                                 | 2 <sup>1</sup> / <sub>4</sub>   |                                 | 1 <sup>1</sup> / <sub>4</sub>  | .924 | 10.4             | 7.4         |
| 13        | 140SF13        | SF           | 8.150               | 7.313             | B    | 2 <sup>15</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub>   | 4 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>4</sub>   |                                 | 2 <sup>1</sup> / <sub>4</sub>   |                                 | 1 <sup>1</sup> / <sub>4</sub>  | .924 | 11.9             | 8.9         |
| 14        | 140E14         | E            | 8.720               | 7.864             | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>1</sup> / <sub>4</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                              | 1 <sup>1</sup> / <sub>16</sub>  | 1 <sup>1</sup> / <sub>2</sub>   | 4 <sup>5</sup> / <sub>16</sub>  |                                 | 1 <sup>1</sup> / <sub>4</sub>  | .924 | 21.6             | 11.6        |
| 15        | 140E15         | E            | 9.280               | 8.417             | B1   |                                 |                               |                                 |                                |                                 |                                 |                                 |                                 |                                |      | 24.2             | 14.2        |
| 16        | 140E16         | E            | 9.850               | 8.970             | B1   |                                 |                               |                                 |                                |                                 |                                 |                                 |                                 |                                |      | 25.9             | 15.9        |
| 17        | 140E17         | E            | 10.410              | 9.524             | B1   |                                 |                               |                                 |                                |                                 |                                 |                                 |                                 |                                |      | 28.0             | 18.0        |
| 18        | 140E18         | E            | 10.980              | 10.078            | B1   |                                 |                               |                                 |                                |                                 |                                 |                                 |                                 |                                |      | 29.6             | 19.6        |
| 19        | 140E19         | E            | 11.540              | 10.632            | B1   |                                 |                               |                                 |                                |                                 |                                 |                                 |                                 |                                |      | 32.0             | 22.0        |
| 20        | 140E20         | E            | 12.100              | 11.187            | B1   |                                 |                               |                                 |                                |                                 |                                 |                                 |                                 |                                |      | 34.6             | 24.6        |
| 21        | 140E21         | E            | 12.660              | 11.742            | B1   |                                 |                               |                                 |                                |                                 |                                 |                                 |                                 |                                |      | 37.6             | 27.6        |
| 22        | 140E22         | E            | 13.220              | 12.297            | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>1</sup> / <sub>4</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                              | 1 <sup>1</sup> / <sub>16</sub>  | 1 <sup>1</sup> / <sub>2</sub>   | 4 <sup>5</sup> / <sub>16</sub>  |                                 | 1 <sup>1</sup> / <sub>4</sub>  | .924 | 39.5             | 29.5        |
| 23        | 140F23         | F            | 13.780              | 12.852            | B1   | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub> | 4                               | 6 <sup>5</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub>  | 1 <sup>1</sup> / <sub>2</sub>   | 1 <sup>37</sup> / <sub>64</sub> |                                 | 2 <sup>1</sup> / <sub>2</sub>  | .924 | 48.0             | 36.4        |
| 24        | 140F24         | F            | 14.340              | 13.407            | B1   |                                 |                               |                                 |                                |                                 |                                 |                                 |                                 |                                |      | 51.6             | 40.1        |
| 25        | 140F25         | F            | 14.900              | 13.963            | B1   |                                 |                               |                                 |                                |                                 |                                 |                                 |                                 |                                |      | 53.8             | 42.3        |
| 26        | 140F26         | F            | 15.460              | 14.518            | B1   |                                 |                               |                                 |                                |                                 |                                 |                                 |                                 |                                |      | 58.0             | 46.5        |
| 30        | 140F30         | F            | 17.700              | 16.742            | B1   | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub> | 4                               | 6 <sup>5</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub>  | 1 <sup>1</sup> / <sub>2</sub>   | 1 <sup>37</sup> / <sub>64</sub> |                                 | 2 <sup>1</sup> / <sub>2</sub>  | .924 | 72.0             | 60.4        |
| 35        | 140F35         | F            | 20.490              | 19.523            | B1   | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub> | 4                               | 6 <sup>5</sup> / <sub>16</sub> | 1                               | 1 <sup>11</sup> / <sub>16</sub> | 1 <sup>37</sup> / <sub>64</sub> |                                 | 2 <sup>1</sup> / <sub>2</sub>  | .924 | 89.5             | 78.0        |
| 36        | 140F36         | F            | 21.050              | 20.079            | C    | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>4</sub> | 4                               | 6 <sup>5</sup> / <sub>16</sub> | 1 <sup>11</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 1 <sup>37</sup> / <sub>64</sub> |                                 | 2 <sup>1</sup> / <sub>2</sub>  | .924 | 95.5             | 84.0        |
| 40        | 140J40         | J            | 23.290              | 22.305            | C    | 4 <sup>7</sup> / <sub>16</sub>  | 4 <sup>1</sup> / <sub>2</sub> | 5                               | 7 <sup>1</sup> / <sub>4</sub>  | 1 <sup>1</sup> / <sub>16</sub>  | 2 <sup>1</sup> / <sub>2</sub>   | 2 <sup>17</sup> / <sub>64</sub> |                                 | 3 <sup>1</sup> / <sub>16</sub> | .924 | 117.0            | 98.0        |
| 45        | 140J45         | J            | 26.080              | 25.087            | C    |                                 |                               |                                 |                                |                                 |                                 |                                 |                                 |                                |      | 139.0            | 120.0       |
| 48        | 140J48         | J            | 27.750              | 26.757            | C    |                                 |                               |                                 |                                |                                 |                                 |                                 |                                 |                                |      | 148.0            | 129.0       |
| 54        | 140J54         | J            | 31.100              | 30.097            | C    |                                 |                               |                                 |                                |                                 |                                 |                                 |                                 |                                |      | 168.0            | 149.0       |
| 60        | 140J60         | J            | 34.440              | 33.438            | C    | 4 <sup>7</sup> / <sub>16</sub>  | 4 <sup>1</sup> / <sub>2</sub> | 5                               | 7 <sup>1</sup> / <sub>4</sub>  | 1 <sup>1</sup> / <sub>16</sub>  | 2 <sup>1</sup> / <sub>2</sub>   | 2 <sup>17</sup> / <sub>64</sub> |                                 | 3 <sup>1</sup> / <sub>16</sub> | .924 | 205.0            | 186.0       |
| 70        | 140M70         | M            | 40.020              | 39.006            | C1   | 5 <sup>1</sup> / <sub>2</sub>   | 6 <sup>1</sup> / <sub>4</sub> | 6 <sup>1</sup> / <sub>4</sub>   | 9                              | 2 <sup>29</sup> / <sub>32</sub> | 2 <sup>29</sup> / <sub>32</sub> | 2 <sup>17</sup> / <sub>32</sub> | 1 <sup>13</sup> / <sub>32</sub> | 5 <sup>1</sup> / <sub>16</sub> | .924 | 301.0            | 264.0       |
| 80        | 140M80         | M            | 45.590              | 44.575            | C1   | 5 <sup>1</sup> / <sub>2</sub>   | 6 <sup>1</sup> / <sub>4</sub> | 6 <sup>1</sup> / <sub>4</sub>   | 9                              | 2 <sup>29</sup> / <sub>32</sub> | 2 <sup>29</sup> / <sub>32</sub> | 2 <sup>17</sup> / <sub>32</sub> | 1 <sup>13</sup> / <sub>32</sub> | 5 <sup>1</sup> / <sub>16</sub> | .924 | 385.0            | 348.0       |

SPROCKETS

# No. 140

## 1<sup>3</sup>/<sub>4</sub>" Pitch

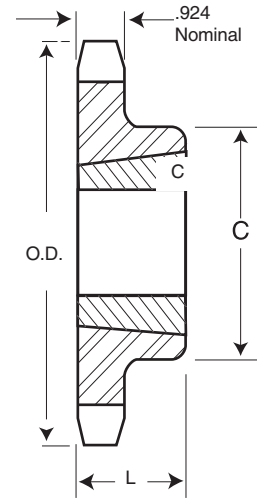
# All Steel Stock Sprockets

# Martin

## 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     |

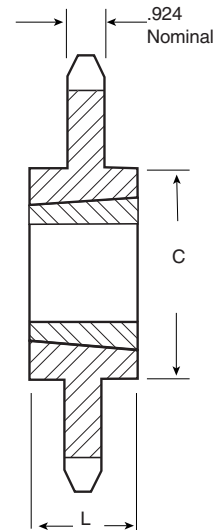
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**TYPE B**

## Single-Taper Bushed

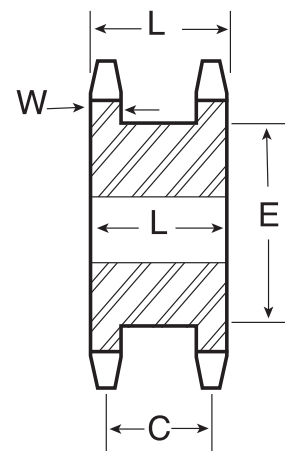
| No. Teeth | Catalog Number | Bushings | Diameter         |                | Max. Bore                     | Dimensions                    |                               | Type | Weight (Approx.) |              |
|-----------|----------------|----------|------------------|----------------|-------------------------------|-------------------------------|--------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



**TYPE C**

## Double Single-Type A — Steel

| No. Teeth | Catalog Number | Diameters        |                | Type | Min. Bore                      | Max. Bore                      | Dimensions                      |                                 |                                 | Wt. (Approx.) |
|-----------|----------------|------------------|----------------|------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------|
|           |                | Outside Diameter | Pitch Diameter |      |                                |                                | L                               | C                               | E                               |               |
| 14        | DS140A14       | 8.720            | 7.864          | A    | 1 <sup>1</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>8</sub>  | 3 <sup>39</sup> / <sub>64</sub> | 2 <sup>11</sup> / <sub>16</sub> | 5 <sup>1</sup> / <sub>8</sub>   | 35.0          |
| 15        | DS140A15       | 9.280            | 8.417          | A    | 1 <sup>1</sup> / <sub>16</sub> | 4 <sup>1</sup> / <sub>16</sub> | 3 <sup>39</sup> / <sub>64</sub> | 2 <sup>11</sup> / <sub>16</sub> | 6 <sup>29</sup> / <sub>64</sub> | 43.0          |
| 16        | DS140A16       | 9.850            | 8.970          | A    | 1 <sup>1</sup> / <sub>16</sub> | 5 <sup>1</sup> / <sub>4</sub>  | 3 <sup>39</sup> / <sub>64</sub> | 2 <sup>11</sup> / <sub>16</sub> | 7 <sup>1</sup> / <sub>4</sub>   | 49.0          |
| 17        | DS140A17       | 10.410           | 9.524          | A    | 1 <sup>1</sup> / <sub>16</sub> | 5 <sup>9</sup> / <sub>16</sub> | 3 <sup>39</sup> / <sub>64</sub> | 2 <sup>11</sup> / <sub>16</sub> | 7 <sup>37</sup> / <sub>64</sub> | 58.0          |
| 18        | DS140A18       | 10.980           | 10.078         | A    | 1 <sup>1</sup> / <sub>16</sub> | 6 <sup>1</sup> / <sub>8</sub>  | 3 <sup>39</sup> / <sub>64</sub> | 2 <sup>11</sup> / <sub>16</sub> | 8 <sup>1</sup> / <sub>4</sub>   | 66.0          |



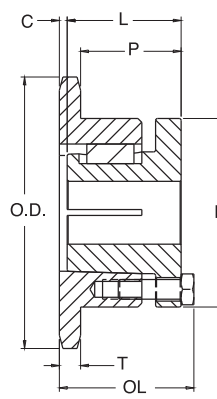
**TYPE A**

SPROCKETS

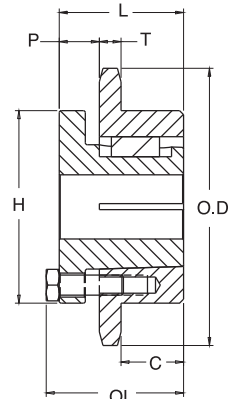
# Martin

## MST® Sprockets

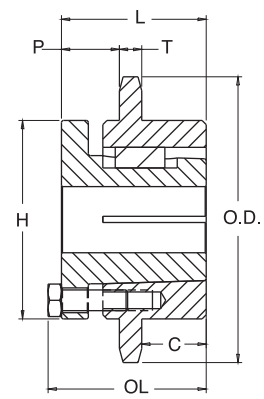
## No. 140 13/4" Pitch



TYPE 4



TYPE 5



TYPE 6

### Single - MST® Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |       |        |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|-------|--------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L     | C      | H     | P       | T(nom) | With Hub         | Rim Only |
| 11        | 140Q11H        | Q1       | 7.010        | 6.212      | 4    | 2-11/16   | 2-25/32    | 2-1/2 | 0      | 4-1/8 | 1 9/16  | .924   | 9.9              | 6.4      |
| 12        | 140Q12H        | Q1       | 7.580        | 6.762      | 4    | 2-11/16   | 2-25/32    | 2-1/2 | 0      | 4-1/8 | 1 9/16  | .924   | 12.5             | 9.0      |
| 13        | 140R13H        | R1       | 8.150        | 7.313      | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 18.6             | 11.1     |
| 14        | 140R14H        | R1       | 8.720        | 7.864      | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 20.1             | 12.6     |
| 15        | 140R15H        | R1       | 9.280        | 8.417      | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-1/16  | .924   | 22.2             | 14.7     |
| 16        | 140R16H        | R1       | 9.850        | 8.970      | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-1/16  | .924   | 24.0             | 16.5     |
| 17        | 140R17H        | R1       | 10.410       | 9.524      | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 26.0             | 18.5     |
| 18        | 140R18H        | R1       | 10.980       | 10.078     | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 28.0             | 20.5     |
| 19        | 140R19H        | R1       | 11.540       | 10.632     | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 30.5             | 23.0     |
| 20        | 140R20H        | R1       | 12.100       | 11.187     | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 32.9             | 25.4     |
| 21        | 140R21H        | R1       | 12.660       | 11.742     | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0      | 5-3/8 | 1-15/16 | .924   | 35.3             | 27.8     |
| 22        | 140R22H        | R1       | 13.220       | 12.297     | 5    | 3-3/4     | 3-5/32     | 2-7/8 | 1-1/16 | 5-3/8 | 7/8     | .924   | 40.0             | 32.5     |
| 23        | 140R23H        | R1       | 13.780       | 12.852     | 5    | 3-3/4     | 3-5/32     | 2-7/8 | 1-1/16 | 5-3/8 | 7/8     | .924   | 43.5             | 36.0     |
| 24        | 140R24H        | R1       | 14.340       | 13.407     | 5    | 3-3/4     | 3-5/32     | 2-7/8 | 1-1/16 | 5-3/8 | 7/8     | .924   | 45.1             | 37.6     |
| 25        | 140R25H        | R1       | 14.900       | 13.963     | 5    | 3-3/4     | 3-5/32     | 2-7/8 | 1-1/16 | 5-3/8 | 7/8     | .924   | 47.8             | 40.3     |
| 26        | 140R26H        | R1       | 15.460       | 14.518     | 5    | 3-3/4     | 3-5/32     | 2-7/8 | 1-1/16 | 5-3/8 | 7/8     | .924   | 51.5             | 44.0     |
| 30        | 140R30H        | R2       | 17.700       | 16.742     | 5    | 3-5/8     | 5-5/32     | 4-7/8 | 2      | 5-3/8 | 7/8     | .924   | 79.0             | 68.0     |
| 35        | 140R35         | R2       | 20.490       | 19.523     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2      | 5-3/8 | 7/8     | .924   | 99.0             | 88.0     |
| 36        | 140R36         | R2       | 21.050       | 20.079     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2      | 5-3/8 | 7/8     | .924   | 101.0            | 90.0     |
| 36        | 140S36         | S1       | 21.050       | 20.079     | 5    | 4-1/4     | 4 3/4      | 4-3/8 | 2-3/8  | 6-3/8 | 1-1/16  | .924   | 102.5            | 89.0     |
| 40        | 140R40         | R2       | 23.290       | 22.305     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2      | 5-3/8 | 7/8     | .924   | 120.0            | 109.0    |
| 40        | 140S40         | S1       | 23.290       | 22.305     | 5    | 4-1/4     | 4-3/4      | 4-3/8 | 2-3/8  | 6-3/8 | 1-1/16  | .924   | 120.5            | 107.0    |
| 45        | 140S45         | S1       | 26.080       | 25.087     | 5    | 4-1/4     | 4-3/4      | 4 3/8 | 2-3/8  | 6-3/8 | 1-1/16  | .924   | 145.5            | 132.0    |
| 48        | 140S48         | S2       | 27.750       | 26.757     | 6    | 4-3/16    | 7-1/2      | 6-3/4 | 2-7/8  | 6-3/8 | 2-15/16 | .924   | 188.0            | 169.0    |
| 54        | 140S54         | S2       | 31.100       | 30.097     | 6    | 4-3/16    | 7-1/2      | 6-3/4 | 2-7/8  | 6-3/8 | 2-15/16 | .924   | 227.0            | 208.0    |
| 60        | 140S60         | S2       | 34.440       | 33.438     | 6    | 4-3/16    | 7-1/2      | 6-3/4 | 2-7/8  | 6-3/8 | 2-15/16 | .924   | 249.0            | 230.0    |
| 70        | 140S70         | S2       | 40.020       | 39.006     | 6    | 4-3/16    | 7-1/2      | 6-3/4 | 2-7/8  | 6-3/8 | 2-15/16 | .924   | 330.0            | 311.0    |
| 80        | 140S80         | S2       | 45.590       | 44.575     | 6    | 4-3/16    | 7-1/2      | 6-3/4 | 2-7/8  | 6-3/8 | 2-15/16 | .924   | 261.0            | 242.0    |

Sprockets with "H" suffix have hardened teeth.

SPROCKETS

# No. 140-2

## 1 3/4" Pitch

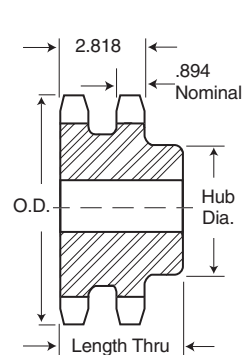
# All Steel Stock Sprockets

*Martin*

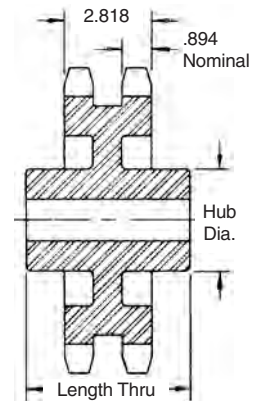
## Double-Type B & C

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 13        | D140B13        | 8.150            | B    | 1 1/8         | 3 1/16    | 5            | 3 3/4       | 29                    |
| 14        | D140B14        | 8.720            | B    | 1 1/8         | 3 3/8     | 5 1/2        | 3 3/4       | 34.8                  |
| 15        | D140B15        | 9.280            | B    | 1 1/8         | 4 1/2     | 6 1/2        | 3 3/4       | 42.5                  |
| 16        | D140B16        | 9.850            | B    | 1 1/8         | 5 1/4     | 7            | 4           | 48.1                  |
| 17        | D140B17        | 10.410           | B    | 1 1/8         | 5 3/4     | 7            | 4           | 57.5                  |
| 18        | D140B18        | 10.980           | B    | 1 1/8         | 5 3/4     | 7            | 4           | 65.6                  |
| 19        | D140B19        | 11.540           | B    | 1 1/8         | 5 3/4     | 7            | 4           | 72.0                  |
| 20        | D140B20        | 12.100           | B    | 1 1/8         | 5 3/4     | 7            | 4           | 76.0                  |
| 21        | D140B21        | 12.660           | B    | 1 1/8         | 5 3/4     | 7            | 4           | 82.0                  |
| 22        | D140B22        | 13.220           | B    | 1 1/8         | 5 3/4     | 7            | 4           | 94.0                  |
| 23        | D140B23        | 13.780           | B    | 1 1/8         | 5 3/4     | 7            | 4           | 100.0                 |
| 24        | D140B24        | 14.340           | B    | 1 1/8         | 5 3/4     | 7            | 4           | 104.0                 |
| 25        | D140B25        | 14.900           | B    | 1 1/8         | 5 3/4     | 7            | 4           | 120.0                 |
| 26        | D140B26        | 15.460           | B    | 1 1/8         | 5 3/4     | 7            | 4           | 128.0                 |
| 35        | D140C35        | 20.490           | C    | 1 1/2         | 5 3/4     | 7 1/2        | 6           | 180.0                 |
| 45        | D140C45        | 26.080           | C    | 1 1/2         | 5 3/4     | 7 1/2        | 6           | 232.0                 |
| 60        | D140C60        | 34.440           | C    | 1 1/2         | 6 3/4     | 9 1/2        | 6 1/4       | 372.0                 |

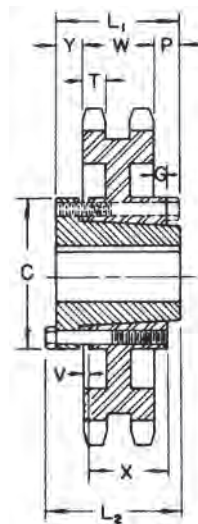
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.



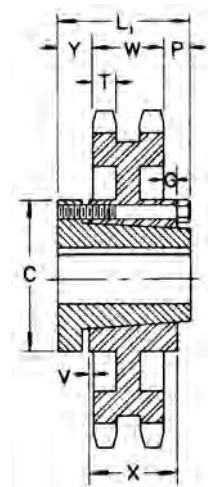
TYPE B



TYPE C



QD — TYPE C<sub>5</sub>



QD — TYPE C<sub>6</sub>

### Alteration Charges

See current discount sheet for alteration charges.

## Double-Type QD

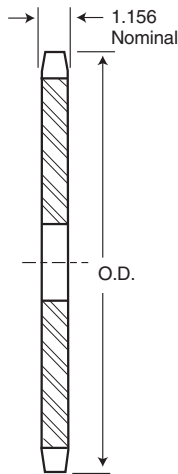
| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |       |        |         |         |        |        |      |       | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|-----------|----------------|----------------|-------|--------|---------|---------|--------|--------|------|-------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C     | Y      | P       | G       | V      | X      | T    | W     | With Hub         | Rim Only |
| 35        | D140J35        | J        | 20.490           | 19.523         | C5   | 4 7/16    | 4 1/2          | 5              | 7 1/4 | 3 1/32 | 2 3/32  | 1 9/32  | 7/32   | 3 3/16 | .894 | 2.818 | 137              | 128      |
| 45        | D140J45        | J        | 26.080           | 25.087         | C5   | 4 7/16    | 4 1/2          | 5              | 7 1/4 | 3 1/32 | 2 3/32  | 1 9/32  | 7/32   | 3 3/16 | .894 | 2.818 | 195              | 176      |
| 60        | D140M60        | M        | 34.440           | 33.438         | C6   | 5 1/2     | 6 3/4          | 6 3/4          | 9     | 2 1/2  | 1 23/32 | 1 19/32 | 2 1/32 | 5 1/16 | .894 | 2.818 | 339              | 302      |



# Martin

## All Steel Stock Sprockets

## No. 160 2" Pitch



TYPE A

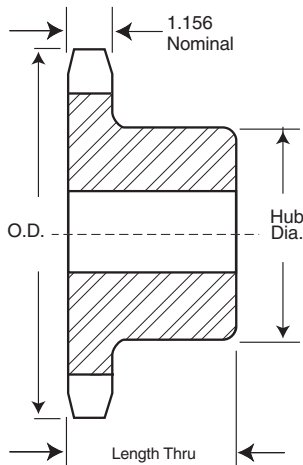
### Alteration Charges

See current discount sheet for alteration charges.

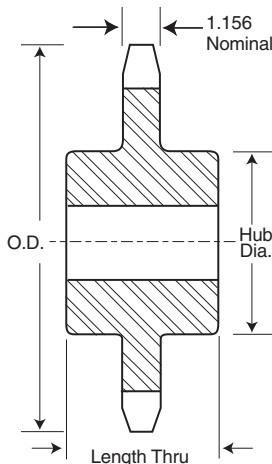


### Single-Type B & C

### Single-Type A — Plate



TYPE B



TYPE C

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|----------------------|------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                      |      |                |            |                       |
| 8         | 160B8          | 6.030            | B    | 1½            | 1½        | 3¼           | 2¼          | 8.0                  | A    | 160A8          | 1½         | 5.0                   |
| 9         | 160B9          | 6.700            | B    | 1½            | 2½        | 3½           | 2¼          | 10.0                 | A    | 160A9          | 1½         | 7.0                   |
| 10        | 160B10         | 7.360            | B    | 1½            | 2½        | 4½           | 2¼          | 12.0                 | A    | 160A10         | 1½         | 8.0                   |
| 11        | 160B11         | 8.010            | B    | 1½            | 3¼        | 4¾           | 2½          | 17.0                 | A    | 160A11         | 1½         | 10.0                  |
| 12        | 160B12         | 8.660            | B    | 1½            | 3¾        | 5½           | 2½          | 21.0                 | A    | 160A12         | 1½         | 12.0                  |
| 13        | 160B13         | 9.310            | B    | 1½            | 4         | 6            | 2½          | 28.0                 | A    | 160A13         | 1½         | 16.0                  |
| 14        | 160B14         | 9.960            | B    | 1½            | 4½        | 6½           | 2½          | 32.0                 | A    | 160A14         | 1½         | 17.0                  |
| 15        | 160B15         | 10.610           | B    | 1½            | 5¼        | 7            | 2½          | 37.0                 | A    | 160A15         | 1½         | 21.0                  |
| 16        | 160B16         | 11.260           | B    | 1½            | 5¼        | 7            | 2½          | 41.0                 | A    | 160A16         | 1½         | 24.0                  |
| 17        | 160B17         | 11.900           | B    | 1½            | 5¼        | 7            | 2½          | 45.0                 | A    | 160A17         | 1½         | 27.0                  |
| 18        | 160B18         | 12.540           | B    | 1½            | 5¼        | 7            | 2½          | 48.0                 | A    | 160A18         | 1½         | 30.0                  |
| 19        | 160B19         | 13.190           | B    | 1½            | 5¼        | 7            | 2½          | 52.0                 | A    | 160A19         | 1½         | 34.0                  |
| 20        | 160B20         | 13.830           | B    | 1½            | 5¼        | 7            | 2½          | 56.0                 | A    | 160A20         | 1½         | 38.0                  |
| 21        | 160B21         | 14.470           | B    | 1½            | 5¼        | 7            | 2½          | 59.0                 | A    | 160A21         | 1½         | 42.0                  |
| 22        | 160B22         | 15.110           | B    | 1½            | 5¼        | 7            | 2½          | 65.0                 | A    | 160A22         | 1½         | 46.0                  |
| 23        | 160B23         | 15.750           | B    | 1½            | 5¼        | 7            | 2½          | 68.0                 | A    | 160A23         | 1½         | 50.0                  |
| 24        | 160B24         | 16.390           | B    | 1½            | 5¼        | 7            | 3           | 77.0                 | A    | 160A24         | 1½         | 56.0                  |
| 25        | 160B25         | 17.030           | B    | 1½            | 5¼        | 7            | 3           | 81.0                 | A    | 160A25         | 1½         | 61.0                  |
| 26        | 160B26         | 17.670           | B    | 1½            | 5¼        | 7            | 3           | 86.0                 | A    | 160A26         | 1½         | 65.0                  |
| 27        | 160B27         | 18.310           | B    | 1½            | 5¼        | 7            | 3           | 91.0                 | A    | 160A27         | 1½         | 71.0                  |
| 28        | 160B28         | 18.950           | B    | 1½            | 5¼        | 7            | 3           | 98.0                 | A    | 160A28         | 1½         | 77.0                  |
| 30        | 160B30         | 20.230           | B    | 1½            | 5¼        | 7            | 3           | 108.0                | A    | 160A30         | 1½         | 90.0                  |
| 35        | 160C35         | 23.420           | C    | 1½            | 5½        | 8            | 4½          | 154.0                | A    | 160A35         | 1½         | 121.0                 |
| 40        | 160C40         | 26.610           | C    | 1½            | 5½        | 8            | 4½          | 196.0                | A    | 160A40         | 1½         | 138.0                 |
| 45        | 160C45         | 29.800           | C    | 1½            | 5½        | 8            | 5           | 234.0                | A    | 160A45         | 1½         | 204.0                 |
| 54        | 160C54         | 35.540           | C    | 1½            | 5½        | 8            | 5           | 276.0                | A    | 160A54         | 1½         | 294.0                 |
| 60        | 160C60         | 39.360           | C    | 1½            | 5½        | 8            | 5           | 329.0                | A    | 160A60         | 1½         | 366.0                 |
| 70        | 160C70         | 45.730           | C    | 1½            | 5½        | 8            | 5           | 446.0                | A    | 160A70         | 1½         | 507.0                 |
| 80        | 160C80         | 52.100           | C    | 1½            | 5½        | 8            | 6           | 612.0                | A    | 160A80         | 1½         | 656.0                 |

### Single-Type C — Steel 2" Pitch

| No. Teeth | Catalog Number | Outside Diameter | Bore (inches) |           | Hub (inches) |        | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|---------------|-----------|--------------|--------|-----------------------|
|           |                |                  | Stock         | Rec. Max. | Diameter     | Length |                       |
| 11        | 160C11         | 8.010            | 1½"           | 3¼"       | 4½"          | 4⅞"    | 21.0                  |
| 12        | 160C12         | 8.660            | 1½"           | 3¾"       | 5½"          | 4⅞"    | 26.0                  |

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

# No. 160

## 2" Pitch

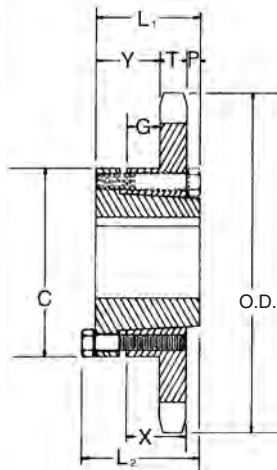
# All Steel Stock Sprockets

*Martin*

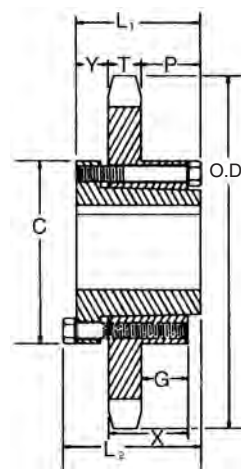
### Single-Type QD With Hardened Teeth

| 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       |

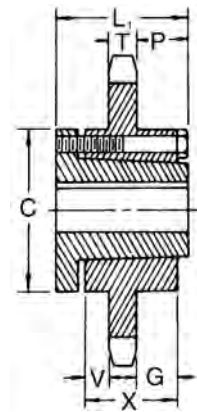
**SABER  
TOOTH®**



QD — TYPE B<sub>1</sub>



QD — TYPE C



QD — TYPE C<sub>1</sub>



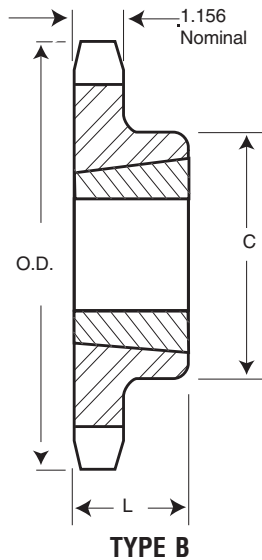
### Single-Type QD

| No. Teeth | Catalog Number | Bush-<br>ing | Diameters           |                   | Type | Max.<br>Bore                   | Dimensions                     |                                 |                                |                                |                                |                                |                                |                                |       | Weight (Approx.) |             |
|-----------|----------------|--------------|---------------------|-------------------|------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------|------------------|-------------|
|           |                |              | Outside<br>Diameter | Pitch<br>Diameter |      |                                | L <sub>1</sub>                 | L <sub>2</sub>                  | C                              | Y                              | P                              | G                              | V                              | X                              | T     | With<br>Hub      | Rim<br>Only |
| 12        | 160E12         | E            | 8.660               | 7.727             | B1   | 3 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                              | 1 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>32</sub> |                                | 1 <sup>1</sup> / <sub>16</sub> | 1.156 | 21.0             | 11          |
| 13        | 160E13         | E            | 9.310               | 8.357             | B1   | 3 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                              | 1 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>32</sub> |                                | 1 <sup>1</sup> / <sub>16</sub> | 1.156 | 24.0             | 14          |
| 14        | 160E14         | E            | 9.960               | 8.988             | B1   | 3 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                              | 1 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>32</sub> |                                | 1 <sup>1</sup> / <sub>16</sub> | 1.156 | 26.0             | 16          |
| 15        | 160F15         | F            | 10.610              | 9.620             | B1   | 3 <sup>1</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>16</sub> | 4                               | 6 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>32</sub> |                                | 2 <sup>1</sup> / <sub>16</sub> | 1.156 | 35.5             | 24          |
| 16        | 160F16         | F            | 11.260              | 10.252            | B1   |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 38.5             | 27          |
| 17        | 160F17         | F            | 11.900              | 10.885            | B1   |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 42.5             | 31          |
| 18        | 160F18         | F            | 12.540              | 11.518            | B1   |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 46.5             | 35          |
| 19        | 160F19         | F            | 13.190              | 12.151            | B1   |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 49.5             | 38          |
| 20        | 160F20         | F            | 13.830              | 12.785            | B1   |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 53.5             | 42          |
| 21        | 160F21         | F            | 14.740              | 13.419            | B1   |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 56.5             | 45          |
| 22        | 160F22         | F            | 15.110              | 14.053            | B1   |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 62.5             | 51          |
| 23        | 160F23         | F            | 15.750              | 14.688            | B1   |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 66.5             | 55          |
| 24        | 160F24         | F            | 16.390              | 15.323            | B1   |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 70.5             | 59          |
| 25        | 160F25         | F            | 17.030              | 15.958            | B1   | 3 <sup>1</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>16</sub> | 4                               | 6 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>32</sub> |                                | 2 <sup>1</sup> / <sub>16</sub> | 1.156 | 75.5             | 64          |
| 26        | 160J26         | J            | 17.670              | 16.593            | C    | 4 <sup>1</sup> / <sub>16</sub> | 4 <sup>1</sup> / <sub>16</sub> | 5                               | 7 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>32</sub> |                                | 3 <sup>1</sup> / <sub>16</sub> | 1.156 | 92.5             | 74          |
| 28        | 160J28         | J            | 18.950              | 17.863            | C    |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 103.0            | 84          |
| 30        | 160J30         | J            | 20.230              | 19.134            | C    |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 115.0            | 96          |
| 35        | 160J35         | J            | 23.420              | 22.312            | C    | 4 <sup>1</sup> / <sub>16</sub> | 4 <sup>1</sup> / <sub>16</sub> | 5                               | 7 <sup>1</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>32</sub> |                                | 3 <sup>1</sup> / <sub>16</sub> | 1.156 | 135.0            | 116         |
| 40        | 160M40         | M            | 26.610              | 25.491            | C1   | 5 <sup>1</sup> / <sub>16</sub> | 6 <sup>1</sup> / <sub>16</sub> | 6 <sup>1</sup> / <sub>16</sub>  | 9                              | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>32</sub> | 1 <sup>1</sup> / <sub>32</sub> | 5 <sup>1</sup> / <sub>16</sub> | 1.156 | 21.0             | 174         |
| 45        | 160M45         | M            | 29.800              | 28.671            | C1   |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 245.0            | 208         |
| 54        | 160M54         | M            | 35.540              | 34.397            | C1   |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 299.0            | 262         |
| 60        | 160M60         | M            | 39.360              | 38.215            | C1   |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 347.0            | 310         |
| 70        | 160M70         | M            | 45.730              | 44.578            | C1   |                                |                                |                                 |                                |                                |                                |                                |                                |                                |       | 468.0            | 431         |
| 80        | 160M80         | M            | 52.100              | 50.943            | C1   | 5 <sup>1</sup> / <sub>16</sub> | 6 <sup>1</sup> / <sub>16</sub> | 6 <sup>1</sup> / <sub>16</sub>  | 9                              | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>32</sub> | 1 <sup>1</sup> / <sub>32</sub> | 5 <sup>1</sup> / <sub>16</sub> | 1.156 | 567.0            | 530         |

# Martin

## All Steel Stock Sprockets

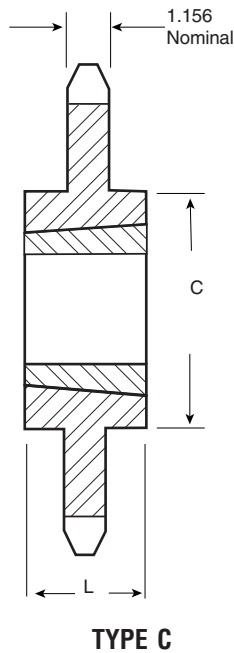
## No. 160 2" Pitch



### Single-Taper Bushed with Hardened Teeth

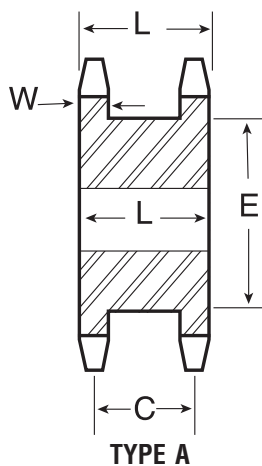
| No. Teeth | Catalog Number |
|-----------|----------------|
| 11        | 160BTB11H      |
| 12        | 160BTB12H      |
| 13        | 160BTB13H      |
| 14        | 160BTB14H      |
| 15        | 160BTB15H      |
| 16        | 160BTB16H      |
| 17        | 160BTB17H      |
| 18        | 160BTB18H      |
| 19        | 160BTB19H      |
| 21        | 160BTB21H      |
| 26        | 160BTB26H      |

**SABER  
TOOTH®**



### Single-Taper Bushed

| No. Teeth | Catalog Number | Bushing | Diameter         |                | Max. Bore | Dimensions |    | Type | Weight (Approx.) |              |
|-----------|----------------|---------|------------------|----------------|-----------|------------|----|------|------------------|--------------|
|           |                |         | Outside Diameter | Pitch Diameter |           | L          | C  |      | Rim Only         | Bushing Only |
| 11        | 160BTB11       | 2517    | 8.011            | 7.099          | 2½        | 1¼         | 4¼ | B    | 9.0              | 3.5          |
| 12        | 160BTB12       | 3020    | 8.664            | 7.727          | 3         | 2          | 5¼ | B    | 11.0             | 6.5          |
| 13        | 160BTB13       | 3020    | 9.314            | 8.357          | 3         | 2          | 5¼ | B    | 13.0             | 6.5          |
| 14        | 160BTB14       | 3020    | 9.963            | 8.988          | 3         | 2          | 5¼ | B    | 16.0             | 6.5          |
| 15        | 160BTB15       | 3535    | 10.609           | 9.620          | 3½        | 3½         | 6½ | B    | 25.0             | 14.0         |
| 16        | 160BTB16       | 3535    | 11.255           | 10.252         | 3½        | 3½         | 6½ | B    | 28.0             | 14.0         |
| 17        | 160BTB17       | 3535    | 11.899           | 10.885         | 3½        | 3½         | 6½ | B    | 32.0             | 14.0         |
| 18        | 160BTB18       | 3535    | 12.543           | 11.518         | 3½        | 3½         | 6½ | B    | 35.0             | 14.0         |
| 19        | 160BTB19       | 3535    | 13.185           | 12.151         | 3½        | 3½         | 6½ | B    | 39.0             | 14.0         |
| 21        | 160BTB21       | 3535    | 14.470           | 13.419         | 3½        | 3½         | 6½ | B    | 48.0             | 14.0         |
| 26        | 160BTB26       | 3535    | 17.671           | 16.593         | 3½        | 3½         | 6½ | B    | 68.0             | 14.0         |
| 35        | 160CTB35       | 4040    | 23.422           | 22.312         | 4         | 4          | 7¾ | C    | 118.0            | 14.0         |
| 45        | 160CTB45       | 4040    | 29.802           | 28.671         | 4         | 4          | 7¾ | C    | 186.0            | 22.0         |
| 60        | 160CTB60       | 4545    | 39.362           | 38.215         | 4½        | 4½         | 8¾ | C    | 292.0            | 30.0         |



### Double Single-Type A — Steel

| No. Teeth | Catalog Number | Diameters        |                | Type | Min. Bore | Max. Bore | Dimensions |    |    |        | Wt. (Approx.) |
|-----------|----------------|------------------|----------------|------|-----------|-----------|------------|----|----|--------|---------------|
|           |                | Outside Diameter | Pitch Diameter |      |           |           | L          | C  | E  | w Nom. |               |
| 15        | DS160A15       | 10.609           | 9.620          | A    | 1⅞        | 5½        | 4¼         | 3½ | 7¾ | 1.156  | 69.0          |
| 16        | DS160A16       | 11.255           | 10.252         | A    | 1⅞        | 6         | 4¼         | 3½ | 8¼ | 1.156  | 75.0          |
| 17        | DS160A17       | 11.899           | 10.885         | A    | 1⅞        | 6½        | 4¼         | 3½ | 8¾ | 1.156  | 92.0          |
| 18        | DS160A18       | 12.543           | 11.518         | A    | 1⅞        | 6⅞        | 4¼         | 3½ | 9¼ | 1.156  | 97.0          |

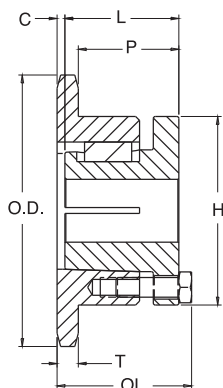
SPROCKETS

# No. 160

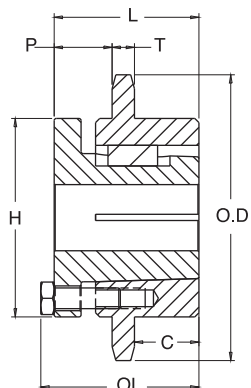
## 2" Pitch

**MST®**  
**Sprockets**

*Martin*



**TYPE 4**



**TYPE 6**

### Single - MST® Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |       |         |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|-------|---------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L     | C       | H     | P       | T(nom) | With Hub         | Rim Only |
| 11        | 160R11H        | R1       | 8.010        | 7.099      | 4    | 3-3/4     | 3-13/32    | 2-7/8 | 1/4     | 5-3/8 | 1-31/32 | 1.156  | 18.3             | 10.8     |
| 12        | 160R12H        | R1       | 8.660        | 7.727      | 4    | 3-3/4     | 3-13/32    | 2-7/8 | 1/4     | 5-3/8 | 1-31/32 | 1.156  | 21.7             | 14.2     |
| 13        | 160R13H        | R1       | 9.310        | 8.357      | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0       | 5-3/8 | 1-23/32 | 1.156  | 23.0             | 15.5     |
| 14        | 160R14H        | R1       | 9.960        | 8.988      | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0       | 5-3/8 | 1-23/32 | 1.156  | 26.0             | 18.5     |
| 15        | 160R15H        | R1       | 10.610       | 9.620      | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0       | 5-3/8 | 1-23/32 | 1.156  | 29.1             | 21.6     |
| 16        | 160R16H        | R1       | 11.260       | 10.252     | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0       | 5-3/8 | 1-23/32 | 1.156  | 32.5             | 25.0     |
| 17        | 160R17H        | R1       | 11.900       | 10.885     | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0       | 5-3/8 | 1-23/32 | 1.156  | 35.5             | 28.0     |
| 18        | 160R18H        | R1       | 12.540       | 11.518     | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0       | 5-3/8 | 1-23/32 | 1.156  | 39.4             | 31.9     |
| 19        | 160R19H        | R1       | 13.190       | 12.151     | 4    | 3-3/4     | 3-5/32     | 2-7/8 | 0       | 5-3/8 | 1-23/32 | 1.156  | 43.4             | 35.9     |
| 20        | 160R20H        | R2       | 13.830       | 12.785     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2       | 5-3/8 | 1-23/32 | 1.156  | 62.0             | 51.0     |
| 21        | 160R21H        | R2       | 14.470       | 13.419     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2       | 5-3/8 | 1-23/32 | 1.156  | 67.0             | 56.0     |
| 22        | 160R22H        | R2       | 15.110       | 14.053     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2       | 5-3/8 | 1-23/32 | 1.156  | 71.0             | 60.0     |
| 23        | 160R23H        | R2       | 15.750       | 14.688     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2       | 5-3/8 | 1-23/32 | 1.156  | 76.0             | 65.0     |
| 24        | 160R24H        | R2       | 16.390       | 15.323     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2       | 5-3/8 | 1-23/32 | 1.156  | 82.5             | 71.5     |
| 25        | 160R25H        | R2       | 17.030       | 15.958     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2       | 5-3/8 | 1-23/32 | 1.156  | 85.0             | 74.0     |
| 26        | 160R26H        | R2       | 17.670       | 16.593     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2       | 5-3/8 | 1-23/32 | 1.156  | 90.0             | 79.0     |
| 26        | 160S26H        | S2       | 17.670       | 16.593     | 6    | 4-3/16    | 7-1/8      | 6-3/4 | 2-7/8   | 6-3/8 | 2-23/32 | 1.156  | 98.0             | 79.0     |
| 28        | 160R28H        | R2       | 18.950       | 17.863     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2       | 5-3/8 | 1-23/32 | 1.156  | 110.8            | 99.8     |
| 28        | 160S28H        | S2       | 19.950       | 17.863     | 6    | 4-3/16    | 7-1/8      | 6-3/4 | 2-7/8   | 6-3/8 | 2-23/32 | 1.156  | 118.8            | 99.8     |
| 30        | 160R30H        | R2       | 20.230       | 19.134     | 6    | 3-5/8     | 5-5/32     | 4-7/8 | 2       | 5-3/8 | 1-23/32 | 1.156  | 117.0            | 106.0    |
| 30        | 160S30H        | S2       | 20.230       | 19.134     | 6    | 4-3/16    | 7-1/8      | 6-3/4 | 2-7/8   | 6-3/8 | 2-23/32 | 1.156  | 134.0            | 115.0    |
| 35        | 160S35         | S2       | 23.420       | 22.312     | 6    | 4-3/16    | 7-1/8      | 6-3/4 | 2-7/8   | 6-3/8 | 2-23/32 | 1.156  | 169.0            | 150.0    |
| 40        | 160S40         | S2       | 26.610       | 25.491     | 6    | 4-3/16    | 7-1/8      | 6-3/4 | 2-7/8   | 6-3/8 | 2-23/32 | 1.156  | 184.0            | 165.0    |
| 45        | 160S45         | S2       | 29.800       | 28.671     | 6    | 4-3/16    | 7-1/8      | 6-3/4 | 2-7/8   | 6-3/8 | 2-23/32 | 1.156  | 223.0            | 204.0    |
| 60        | 160U60         | U0       | 39.360       | 38.215     | 6    | 5-1/2     | 5 25/32    | 5-1/4 | 1-15/16 | 8-3/8 | 1-21/32 | 1.156  | 338.0            | 308.0    |
| 70        | 160U70         | U0       | 45.730       | 44.578     | 6    | 5-1/2     | 5 25/32    | 5-1/4 | 1-15/16 | 8-3/8 | 1-21/32 | 1.156  | 384.0            | 354.0    |
| 80        | 160S80         | S2       | 52.100       | 50.943     | 6    | 4-3/16    | 7-1/8      | 6-3/4 | 2-7/8   | 6-3/8 | 2-23/32 | 1.156  | 0                | 0        |
| 80        | 160U80         | U1       | 52.100       | 50.943     | 6    | 5-1/2     | 7-19/32    | 7-1/8 | 2-7/8   | 8-3/8 | 2 19/32 | 1.156  | 434.0            | 394.0    |

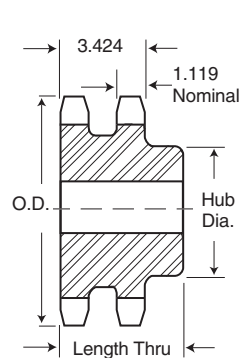
Sprockets with "H" suffix have hardened teeth.

# Martin

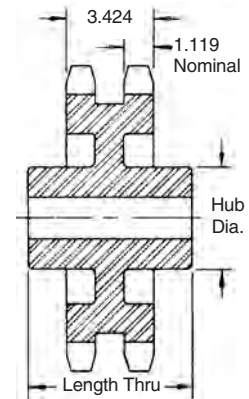
## All Steel Stock Sprockets

# No. 160-2

## 2" Pitch



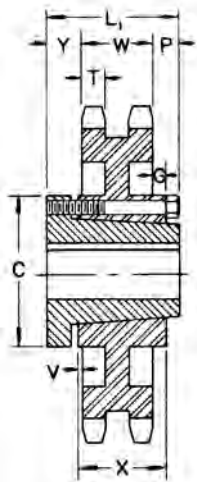
TYPE B



TYPE C

### Alteration Charges

See current discount sheet for alteration charges.



QD — TYPE C<sub>6</sub>

### Double-Type B & C

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (App.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|--------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                    |
| 13        | D160B13        | 9.310            | B    | 2             | 4         | 6            | 4%          | 48                 |
| 14        | D160B14        | 9.960            | B    | 2             | 4%        | 6%           | 4%          | 58                 |
| 15        | D160B15        | 10.610           | B    | 2             | 5%        | 7            | 4%          | 68                 |
| 16        | D160B16        | 11.260           | B    | 2             | 5%        | 7            | 4%          | 75                 |
| 17        | D160B17        | 11.900           | B    | 2             | 5%        | 7            | 4%          | 91                 |
| 18        | D160B18        | 12.540           | B    | 2             | 5%        | 7            | 4%          | 96                 |
| 19        | D160B19        | 13.190           | B    | 2             | 5%        | 7            | 4%          | 107                |
| 20        | D160B20        | 13.830           | B    | 2             | 5%        | 7            | 4%          | 119                |
| 21        | D160B21        | 14.470           | B    | 2             | 5%        | 7½           | 4%          | 130                |
| 22        | D160B22        | 15.110           | B    | 2             | 5%        | 7½           | 4%          | 141                |
| 23        | D160B23        | 15.750           | B    | 2             | 5%        | 7½           | 4%          | 157                |
| 24        | D160B24        | 16.390           | B    | 2             | 5%        | 7½           | 4%          | 171                |
| 25        | D160B25        | 17.030           | B    | 2             | 5%        | 7½           | 4%          | 187                |
| 26        | D160B26        | 17.670           | B    | 2             | 5%        | 7½           | 4%          | 201                |
| 35        | D160C35        | 23.420           | C    | 1½            | 6%        | 9%           | 6%          | 306                |
| 45        | D160C45        | 29.800           | C    | 1½            | 7         | 10           | 7%          | 431                |
| 60        | D160C60        | 39.360           | C    | 1½            | 7         | 10           | 7%          | 564                |

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

### Double-Type QD

| No. Teeth | Catalog Number | Bush-ing | Diameters        |                | Type | Max. Bore | Dimensions     |                |    |                                |                                |                                |                               |                                |       |       | Weight (Approx.) |          |
|-----------|----------------|----------|------------------|----------------|------|-----------|----------------|----------------|----|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------|-------|------------------|----------|
|           |                |          | Outside Diameter | Pitch Diameter |      |           | L <sub>1</sub> | L <sub>2</sub> | C  | Y                              | P                              | G                              | V                             | X                              | T     | W     | With Hub         | Rim Only |
| 35        | D160M35        | M        | 23.420           | 22.312         | C6   | 5½        | 6%             | 6%             | 9  | 2 <sup>3</sup> / <sub>64</sub> | 1 <sup>1</sup> / <sub>32</sub> | 1 <sup>1</sup> / <sub>32</sub> | <sup>39</sup> / <sub>64</sub> | 5 <sup>5</sup> / <sub>16</sub> | 1.119 | 3.424 | 259              | 222      |
| 45        | D160N45        | N        | 29.800           | 28.671         | C6   | 6         | 8%             | 8%             | 10 | 2 <sup>1</sup> / <sub>32</sub> | 2 <sup>2</sup> / <sub>64</sub> | 2 <sup>5</sup> / <sub>32</sub> | <sup>21</sup> / <sub>32</sub> | 6%                             | 1.119 | 3.424 | 377              | 340      |
| 60        | D160N60        | N        | 39.360           | 38.215         | C6   | 6         | 8%             | 8%             | 10 | 2 <sup>1</sup> / <sub>32</sub> | 2 <sup>2</sup> / <sub>64</sub> | 2 <sup>5</sup> / <sub>32</sub> | <sup>21</sup> / <sub>32</sub> | 6%                             | 1.119 | 3.424 | 509              | 472      |

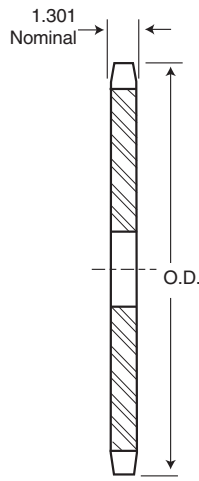
SPROCKETS

# No. 180

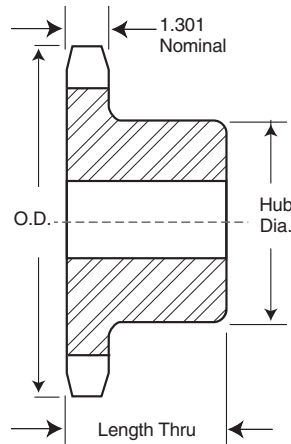
## 2¼" Pitch

# All Steel Stock Sprockets

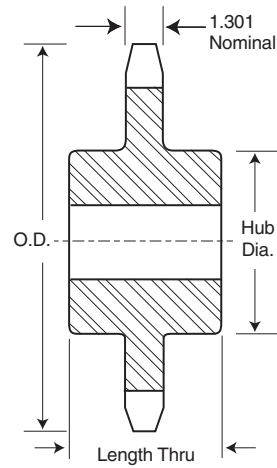
*Martin*



TYPE A



TYPE B



TYPE C

SPROCKETS

## Single-Type B & C

## Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |      |                |            |                       |
| 11        | 180B11         | 9.010            | B    | 1½            | 3%        | 5½           | 3           | 29                    | A    | 180A11         | 1½         | 14                    |
| 12        | 180B12         | 9.750            | B    | 1½            | 4         | 6            | 3           | 32                    | A    | 180A12         | 1½         | 16                    |
| 13        | 180B13         | 10.480           | B    | 1½            | 4%        | 6¾           | 3¾          | 40                    | A    | 180A13         | 1½         | 20                    |
| 14        | 180B14         | 11.210           | B    | 1½            | 5%        | 7            | 3¾          | 44                    | A    | 180A14         | 1½         | 24                    |
| 15        | 180B15         | 11.930           | B    | 1½            | 5%        | 7            | 3¾          | 48                    | A    | 180A15         | 1½         | 28                    |
| 16        | 180B16         | 12.660           | B    | 1½            | 5%        | 7            | 3¾          | 52                    | A    | 180A16         | 1½         | 32                    |
| 17        | 180B17         | 13.390           | B    | 1½            | 5%        | 7            | 3¾          | 58                    | A    | 180A17         | 1½         | 37                    |
| 18        | 180B18         | 14.110           | B    | 1½            | 5%        | 7            | 3¾          | 63                    | A    | 180A18         | 1½         | 43                    |
| 19        | 180B19         | 14.830           | B    | 1½            | 5%        | 7½           | 3¾          | 74                    | A    | 180A19         | 1½         | 47                    |
| 20        | 180B20         | 15.560           | B    | 1½            | 5%        | 7½           | 3¾          | 81                    | A    | 180A20         | 1½         | 53                    |
| 21        | 180B21         | 16.280           | B    | 1½            | 5%        | 7½           | 3¾          | 83                    | A    | 180A21         | 1½         | 57                    |
| 22        | 180B22         | 17.000           | B    | 1½            | 5%        | 7½           | 3¾          | 92                    | A    | 180A22         | 1½         | 62                    |
| 23        | 180B23         | 17.720           | B    | 1½            | 5%        | 7½           | 3¾          | 99                    | A    | 180A23         | 1½         | 69                    |
| 24        | 180B24         | 18.440           | B    | 1½            | 5%        | 7½           | 3¾          | 105                   | A    | 180A24         | 1½         | 77                    |
| 25        | 180B25         | 19.160           | B    | 1½            | 5%        | 7½           | 3¾          | 113                   | A    | 180A25         | 1½         | 84                    |
| 28        | 180B28         | 21.320           | B    | 1½            | 5½        | 8            | 3¾          | 135                   | A    | 180A28         | 1½         | 104                   |
| 30        | 180C30         | 22.760           | C    | 1½            | 5%        | 8½           | 4%          | 180                   | A    | 180A30         | 1½         | 120                   |
| 35        | 180C35         | 26.350           | C    | 1½            | 5%        | 8½           | 4%          | 222                   | A    | 180A35         | 1½         | 172                   |
| 40        | 180C40         | 29.940           | C    | 1½            | 5%        | 8½           | 4%          | 270                   | A    | 180A40         | 1½         | 229                   |
| 45        | 180C45         | 33.530           | C    | 1½            | 6         | 9            | 5           | 315                   | A    | 180A45         | 1½         | 284                   |
| 54        | 180C54         | 39.980           | C    | 1½            | 6         | 9            | 5           | 477                   | A    | 180A54         | 1½         | 420                   |
| 60        | 180C60         | 44.280           | C    | 1½            | 6½        | 9½           | 5%          | 489                   | A    | 180A60         | 1½         | 505                   |

### Alteration Charges

See current discount sheet for alteration charges.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

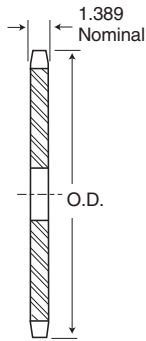


# Martin

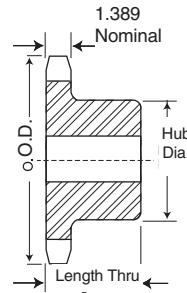
## All Steel Stock Sprockets

# No. 200

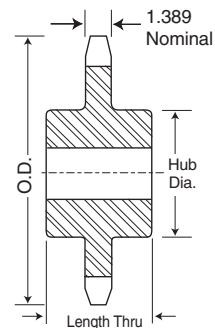
## 2½" Pitch



TYPE A



TYPE B



TYPE C

### Single-Type B & C

### Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |      |                |            |                       |
| 10        | 200B10         | 9.200            | B    | 1½            | 3%        | 5½           | 3           | 26                    | A    | 200A10         | 1½         | 16                    |
| 11        | 200B11         | 10.020           | B    | 1½            | 4         | 6            | 3           | 33                    | A    | 200A11         | 1½         | 20                    |
| 12        | 200B12         | 10.830           | B    | 1½            | 4½        | 6½           | 3           | 37                    | A    | 200A12         | 1½         | 24                    |
| 13        | 200B13         | 11.640           | B    | 1½            | 5%        | 7            | 3           | 46                    | A    | 200A13         | 1½         | 30                    |
| 14        | 200B14         | 12.460           | B    | 1½            | 5%        | 7½           | 3½          | 59                    | A    | 200A14         | 1½         | 32                    |
| 15        | 200B15         | 13.260           | B    | 1½            | 5%        | 7½           | 3½          | 64                    | A    | 200A15         | 1½         | 40                    |
| 16        | 200B16         | 14.070           | B    | 1½            | 5%        | 7½           | 3½          | 72                    | A    | 200A16         | 1½         | 46                    |
| 17        | 200B17         | 14.870           | B    | 1½            | 5%        | 7½           | 3½          | 76                    | A    | 200A17         | 1½         | 51                    |
| 18        | 200B18         | 15.680           | B    | 1½            | 5%        | 7½           | 3½          | 84                    | A    | 200A18         | 1½         | 57                    |
| 19        | 200B19         | 16.480           | B    | 1½            | 5%        | 7½           | 3½          | 91                    | A    | 200A19         | 1½         | 65                    |
| 20        | 200B20         | 17.290           | B    | 1½            | 5%        | 7½           | 3½          | 98                    | A    | 200A20         | 1½         | 72                    |
| 21        | 200B21         | 18.090           | B    | 1½            | 5%        | 7½           | 3½          | 106                   | A    | 200A21         | 1½         | 82                    |
| 22        | 200B22         | 18.890           | B    | 1½            | 5%        | 8½           | 4           | 131                   | A    | 200A22         | 1½         | 88                    |
| 23        | 200B23         | 19.690           | B    | 1½            | 5%        | 8½           | 4           | 136                   | A    | 200A23         | 1½         | 95                    |
| 24        | 200B24         | 20.490           | B    | 1½            | 5%        | 8½           | 4           | 142                   | A    | 200A24         | 1½         | 105                   |
| 25        | 200B25         | 21.290           | B    | 1½            | 5%        | 8½           | 4           | 153                   | A    | 200A25         | 1½         | 113                   |
| 26        | 200C26         | 22.090           | C    | 1½            | 5%        | 8½           | 4½          | 178                   | A    | 200A26         | 1½         | 124                   |
| 28        | 200C28         | 23.690           | C    | 1½            | 5%        | 8½           | 4½          | 195                   | A    | 200A28         | 1½         | 144                   |
| 30        | 200C30         | 25.290           | C    | 1½            | 5%        | 8½           | 4½          | 212                   | A    | 200A30         | 1½         | 167                   |
| 32        | 200C32         | 26.880           | C    | 1½            | 5%        | 8½           | 4½          | 220                   | A    | 200A32         | 1½         | 195                   |
| 35        | 200C35         | 29.280           | C    | 1½            | 5%        | 8½           | 4½          | 254                   | A    | 200A35         | 1½         | 227                   |
| 40        | 200C40         | 33.270           | C    | 1½            | 6         | 9            | 5           | 320                   | A    | 200A40         | 1½         | 301                   |
| 45        | 200C45         | 37.250           | C    | 1½            | 6         | 9            | 5           | 364                   | A    | 200A45         | 1½         | 390                   |
| 54        | 200C54         | 44.420           | C    | 1½            | 6½        | 9½           | 5½          | 512                   | A    | 200A54         | 1½         | 555                   |
| 60        | 200C60         | 49.200           | C    | 1½            | 6½        | 9½           | 5½          | 654                   | A    | 200A60         | 1½         | 692                   |

#### Alteration Charges

See current discount sheet for alteration charges.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

### Single-Type QD

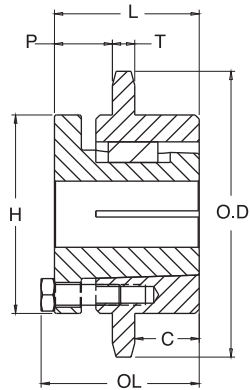
| No. Teeth | Catalog Number | Bush-<br>ing | Diameters    |            | Type | Max. Bore                      | Dimensions     |                |    |                                 |                                 |                                 |                                |                                |       | Weight (Approx.) |          |
|-----------|----------------|--------------|--------------|------------|------|--------------------------------|----------------|----------------|----|---------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|-------|------------------|----------|
|           |                |              | Outside Dia. | Pitch Dia. |      |                                | 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 <sup>1</sup> / <sub>16</sub> | 3%             | 4              | 6% | 1                               | 1 <sup>1</sup> / <sub>16</sub>  | 1 <sup>1</sup> / <sub>16</sub>  |                                | 2½                             | 1.389 | 25.5             | 24       |
| 13        | 200J13         | J            | 11.640       | 10.447     | C    | 4 <sup>1</sup> / <sub>16</sub> | 4½             | 5              | 7% | 1 <sup>1</sup> / <sub>16</sub>  | 2                               | 1 <sup>13</sup> / <sub>16</sub> |                                | 3 <sup>1</sup> / <sub>16</sub> | 1.389 | 50.5             | 32       |
| 14        | 200J14         | J            | 12.460       | 11.235     | C    | ⌋                              | ⌋              | ⌋              | ⌋  | ⌋                               | ⌋                               | ⌋                               |                                | ⌋                              | ⌋     | 57.5             | 39       |
| 15        | 200J15         | J            | 13.260       | 12.025     | C    |                                |                |                |    |                                 |                                 |                                 |                                |                                |       | 62.5             | 44       |
| 16        | 200J16         | J            | 14.070       | 12.815     | C    | 4 <sup>1</sup> / <sub>16</sub> | 4½             | 5              | 7% | 1 <sup>1</sup> / <sub>16</sub>  | 2                               | 1 <sup>13</sup> / <sub>16</sub> |                                | 3 <sup>1</sup> / <sub>16</sub> | 1.389 | 68.5             | 50       |
| 17        | 200M17         | M            | 14.870       | 13.605     | C1   | 5½                             | 6%             | 6%             | 9  | 2 <sup>29</sup> / <sub>32</sub> | 2 <sup>29</sup> / <sub>32</sub> | 2 <sup>1</sup> / <sub>16</sub>  | 1½                             | 5 <sup>1</sup> / <sub>16</sub> | 1.389 | 113              | 76       |
| 18        | 200M18         | M            | 15.680       | 14.397     | C1   | ⌋                              | ⌋              | ⌋              | ⌋  | ⌋                               | ⌋                               | ⌋                               | ⌋                              | ⌋                              | ⌋     | 119              | 82       |
| 19        | 200M19         | M            | 16.480       | 15.910     | C1   |                                |                |                |    |                                 |                                 |                                 |                                |                                |       | 125              | 88       |
| 20        | 200M20         | M            | 17.290       | 15.982     | C1   |                                |                |                |    |                                 |                                 |                                 |                                |                                |       | 134              | 97       |
| 21        | 200M21         | M            | 18.090       | 16.775     | C1   |                                |                |                |    |                                 |                                 |                                 |                                |                                |       | 140              | 103      |
| 22        | 200M22         | M            | 18.890       | 17.567     | C1   |                                |                |                |    |                                 |                                 |                                 |                                |                                |       | 149              | 112      |
| 23        | 200M23         | M            | 19.690       | 18.360     | C1   |                                |                |                |    |                                 |                                 |                                 |                                |                                |       | 157              | 120      |
| 24        | 200M24         | M            | 20.490       | 19.152     | C1   |                                |                |                |    |                                 |                                 |                                 |                                |                                |       | 168              | 131      |
| 25        | 200M25         | M            | 21.290       | 19.947     | C1   |                                |                |                |    |                                 |                                 |                                 |                                |                                |       | 175              | 138      |
| 26        | 200M26         | M            | 22.090       | 20.740     | C1   |                                |                |                |    |                                 |                                 |                                 |                                |                                |       | 185              | 148      |
| 28        | 200M28         | M            | 23.690       | 22.330     | C1   |                                |                |                |    |                                 |                                 |                                 |                                |                                |       | 205              | 168      |
| 30        | 200M30         | M            | 25.290       | 23.917     | C1   |                                |                |                |    |                                 |                                 |                                 |                                |                                |       | 227              | 190      |
| 32        | 200M32         | M            | 26.880       | 25.505     | C1   |                                |                |                |    |                                 |                                 |                                 |                                |                                |       | 251              | 214      |
| 35        | 200M35         | M            | 29.280       | 27.890     | C1   | ⌋                              | ⌋              | ⌋              | ⌋  | ⌋                               | ⌋                               | ⌋                               | ⌋                              | ⌋                              | ⌋     | 265              | 228      |
| 40        | 200M40         | M            | 33.270       | 31.865     | C1   | 5½                             | 6%             | 6%             | 9  | 2 <sup>29</sup> / <sub>32</sub> | 2 <sup>29</sup> / <sub>32</sub> | 2 <sup>1</sup> / <sub>16</sub>  | 1½                             | 5 <sup>1</sup> / <sub>16</sub> | 1.389 | 315              | 278      |
| 45        | 200N45         | N            | 37.250       | 35.840     | C1   | 5%                             | 8%             | 8%             | 10 | 3 <sup>13</sup> / <sub>32</sub> | 3 <sup>13</sup> / <sub>32</sub> | 3 <sup>1</sup> / <sub>16</sub>  | 1 <sup>1</sup> / <sub>16</sub> | 6%                             | 1.389 | 405              | 348      |
| 54        | 200N54         | N            | 44.420       | 42.995     | C1   | 5%                             | 8%             | 8%             | 10 | 3 <sup>13</sup> / <sub>32</sub> | 3 <sup>13</sup> / <sub>32</sub> | 3 <sup>1</sup> / <sub>16</sub>  | 1 <sup>1</sup> / <sub>16</sub> | 6%                             | 1.389 | 535              | 478      |
| 60        | 200N60         | N            | 49.200       | 47.767     | C1   | 5%                             | 8%             | 8%             | 10 | 3 <sup>13</sup> / <sub>32</sub> | 3 <sup>13</sup> / <sub>32</sub> | 3 <sup>1</sup> / <sub>16</sub>  | 1 <sup>1</sup> / <sub>16</sub> | 6%                             | 1.389 | 665              | 608      |

SPROCKETS

# No. 200 2 1/2" Pitch

## MST® Sprockets

# Martin



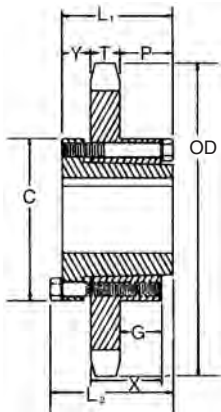
**TYPE 6**

SPROCKETS

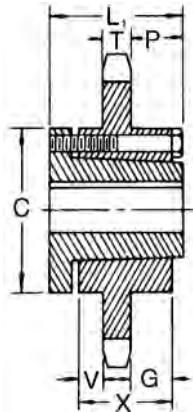
### Single - MST® Sprockets

| No. Teeth | Catalog Number | Bush-ing | Diameters    |            | Type | Max. Bore | Dimensions |        |       |       |         |        | Weight (Approx.) |          |
|-----------|----------------|----------|--------------|------------|------|-----------|------------|--------|-------|-------|---------|--------|------------------|----------|
|           |                |          | Outside Dia. | Pitch Dia. |      |           | OL         | L      | C     | H     | P       | T(nom) | With Hub         | Rim Only |
| 12        | 200R12         | R2       | 10.830       | 9.660      | 6    | 3-5/8     | 5-5/32     | 4-7/8  | 2     | 5-3/8 | 1-1/2   | 1.389  | 46.3             | 35.3     |
| 13        | 200S13         | S2       | 11.640       | 10.447     | 6    | 4-3/16    | 7-1/8      | 6-3/4  | 2-7/8 | 6-3/8 | 2-1/2   | 1.389  | 71.2             | 52.2     |
| 14        | 200S14         | S2       | 12.460       | 11.235     | 6    | 4-3/16    | 7-1/8      | 6-3/4  | 2-7/8 | 6-3/8 | 2-1/2   | 1.389  | 76.5             | 57.5     |
| 15        | 200S15         | S2       | 13.260       | 12.025     | 6    | 4-3/16    | 7-1/8      | 6-3/4  | 2-7/8 | 6-3/8 | 2-1/2   | 1.389  | 80.0             | 61.0     |
| 16        | 200S16         | S2       | 14.070       | 12.815     | 6    | 4-3/16    | 7-1/8      | 6-3/4  | 2-7/8 | 6-3/8 | 2-1/2   | 1.389  | 90.0             | 71.0     |
| 17        | 200S17         | S2       | 14.870       | 13.605     | 6    | 4-3/16    | 7-1/8      | 6-3/4  | 2-7/8 | 6-3/8 | 2-1/2   | 1.389  | 98.0             | 79.0     |
| 18        | 200U18         | U0       | 15.680       | 14.397     | 6    | 5-1/2     | 5-23/32    | 5-1/4  | 1 5/8 | 8-3/8 | 2-17/32 | 1.389  | 106.5            | 76.5     |
| 19        | 200U19         | U0       | 16.480       | 15.190     | 6    | 5-1/2     | 5-23/32    | 5-1/4  | 1 5/8 | 8-3/8 | 2-17/32 | 1.389  | 113.7            | 83.7     |
| 20        | 200U20         | U0       | 17.290       | 15.982     | 6    | 5-1/2     | 5-23/32    | 5-1/4  | 1 5/8 | 8-3/8 | 2-17/32 | 1.389  | 121.3            | 91.3     |
| 21        | 200U21         | U0       | 18.090       | 16.775     | 6    | 5-1/2     | 5-23/32    | 5-1/4  | 1 5/8 | 8-3/8 | 2-17/32 | 1.389  | 129.4            | 99.4     |
| 22        | 200U22         | U0       | 18.890       | 17.567     | 6    | 5-1/2     | 5-23/32    | 5-1/4  | 1 5/8 | 8-3/8 | 2-17/32 | 1.389  | 140.0            | 110.0    |
| 23        | 200U23         | U0       | 19.690       | 18.360     | 6    | 5-1/2     | 5-23/32    | 5-1/4  | 1 5/8 | 8-3/8 | 2-17/32 | 1.389  | 147.0            | 117.0    |
| 24        | 200U24         | U0       | 20.490       | 19.152     | 6    | 5-1/2     | 5-23/32    | 5-1/4  | 1 5/8 | 8-3/8 | 2-17/32 | 1.389  | 156.0            | 126.0    |
| 25        | 200U25         | U0       | 21.290       | 19.947     | 6    | 5-1/2     | 5-23/32    | 5-1/4  | 1 5/8 | 8-3/8 | 2-17/32 | 1.389  | 170.0            | 140.0    |
| 26        | 200U26         | U0       | 22.090       | 20.740     | 6    | 5-1/2     | 5-23/32    | 5-1/4  | 1 5/8 | 8-3/8 | 2-17/32 | 1.389  | 180.0            | 150.0    |
| 28        | 200U28         | U0       | 23.690       | 22.330     | 6    | 5-1/2     | 5-23/32    | 5-1/4  | 1 5/8 | 8-3/8 | 2-17/32 | 1.389  | 199.0            | 169.0    |
| 30        | 200U30         | U0       | 25.290       | 23.917     | 6    | 5-1/2     | 5-23/32    | 5-1/4  | 1 5/8 | 8-3/8 | 2-17/32 | 1.389  | 218.0            | 188.0    |
| 32        | 200U32         | U0       | 26.880       | 25.505     | 6    | 5-1/2     | 5-23/32    | 5-1/4  | 1 5/8 | 8-3/8 | 2-17/32 | 1.389  | 242.0            | 212.0    |
| 35        | 200U35         | U1       | 29.280       | 27.890     | 6    | 5-1/2     | 7-19/32    | 7-1/8  | 2-7/8 | 8-3/8 | 2-7/8   | 1.389  | 292.0            | 252.0    |
| 40        | 200U40         | U1       | 33.270       | 31.865     | 6    | 5-1/2     | 7-19/32    | 7-1/8  | 2-7/8 | 8-3/8 | 2-7/8   | 1.389  | 346.0            | 306.0    |
| 45        | 200U45         | U1       | 37.250       | 35.840     | 6    | 5-1/2     | 7-19/32    | 7-1/8  | 2-7/8 | 8-3/8 | 2-7/8   | 1.389  | 330.0            | 290.0    |
| 54        | 200U54         | U2       | 44.420       | 42.995     | 6    | 5         | 10-19/32   | 10-1/8 | 4-1/4 | 8-3/8 | 3-29/32 | 1.389  | 435.0            | 385.0    |
| 60        | 200U60         | U2       | 49.200       | 47.767     | 6    | 5         | 10-19/32   | 10-1/8 | 4-1/4 | 8-3/8 | 3-29/32 | 1.389  | 495.0            | 445.0    |

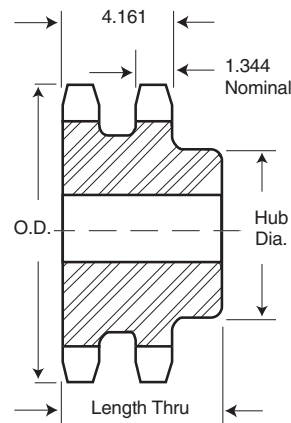
Sprockets with "H" suffix have hardened teeth.



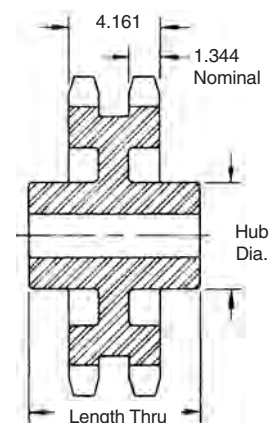
QD — TYPE C



QD — TYPE C1



TYPE B



TYPE C



### Double-Type B & C

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                       |
| 11        | D200B11        | 10.020           | B    | 2             | 3%        | 5½           | 5%          | 57                    |
| 12        | D200B12        | 10.830           | B    | 2             | 4½        | 6½           | 6%          | 80                    |
| 13        | D200B13        | 11.640           | B    | 2             | 5%        | 7            | 6%          | 96                    |
| 14        | D200B14        | 12.460           | B    | 2             | 5½        | 8            | 6%          | 119                   |
| 15        | D200B15        | 13.260           | B    | 2             | 5%        | 8½           | 6%          | 138                   |
| 16        | D200B16        | 14.070           | B    | 2             | 5%        | 8½           | 6%          | 161                   |
| 17        | D200B17        | 14.870           | B    | 2             | 5%        | 8½           | 6%          | 178                   |
| 18        | D200B18        | 15.680           | B    | 2             | 5%        | 8½           | 6%          | 196                   |
| 19        | D200B19        | 16.480           | B    | 2             | 5%        | 8½           | 6%          | 217                   |
| 20        | D200B20        | 17.290           | B    | 2             | 5%        | 8½           | 6%          | 236                   |
| 21        | D200B21        | 18.090           | B    | 2             | 5%        | 8½           | 6%          | 250                   |
| 22        | D200B22        | 18.890           | B    | 2             | 5%        | 8½           | 6%          | 284                   |
| 23        | D200B23        | 19.690           | B    | 2             | 5%        | 8½           | 6%          | 308                   |
| 24        | D200B24        | 20.490           | B    | 2             | 5%        | 8½           | 6%          | 330                   |
| 25        | D200B25        | 21.290           | B    | 2             | 5%        | 8½           | 6%          | 358                   |
| 26        | D200B26        | 22.090           | B    | 2             | 5%        | 8½           | 6%          | 386                   |
| 45        | D200C45        | 37.250           | C    | 1½            | 7         | 10           | 8½          | 665                   |
| 60        | D200C60        | 49.200           | C    | 1½            | 7         | 10           | 9           | 972                   |

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

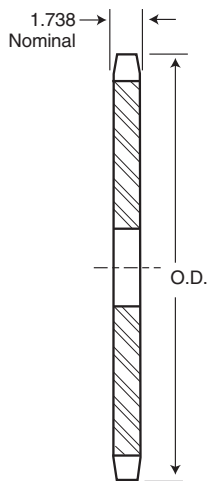
#### Alteration Charges

See current discount sheet for alteration charges.

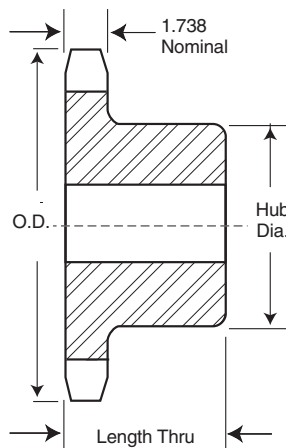
# No. 240 3" Pitch

## All Steel Stock Sprockets

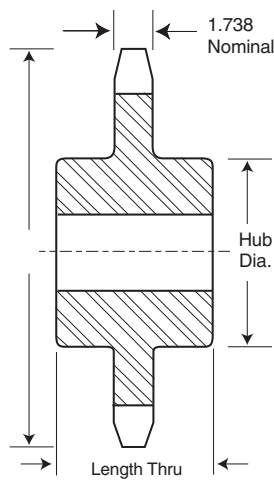
*Martin*



TYPE A



TYPE B



TYPE C



SPROCKETS

### Single-Type B & C

### Single-Type A

| No. Teeth | Catalog Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs (Approx.) | Type | Catalog Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|----------------|------------------|------|---------------|-----------|--------------|-------------|----------------------|------|----------------|------------|-----------------------|
|           |                |                  |      | Stock         | Rec. Max. | Dia.         | Length Thru |                      |      |                |            |                       |
| 10        | 240B10         | 11.030           | B    | 1½            | 4½        | 6½           | 3%          | 49                   | A    | 240A10         | 1½         | 30                    |
| 11        | 240B11         | 12.020           | B    | 1½            | 4%        | 7            | 3%          | 66                   | A    | 240A11         | 1½         | 37                    |
| 12        | 240B12         | 13.000           | B    | 1½            | 5%        | 7½           | 3%          | 72                   | A    | 240A12         | 1½         | 45                    |
| 13        | 240B13         | 13.970           | B    | 1½            | 5%        | 7½           | 3%          | 81                   | A    | 240A13         | 1½         | 54                    |
| 14        | 240B14         | 14.940           | B    | 1½            | 5%        | 7½           | 3%          | 88                   | A    | 240A14         | 1½         | 62                    |
| 15        | 240B15         | 15.910           | B    | 1½            | 5%        | 7½           | 3%          | 98                   | A    | 240A15         | 1½         | 68                    |
| 16        | 240B16         | 16.880           | B    | 1½            | 5%        | 8            | 4%          | 120                  | A    | 240A16         | 1½         | 82                    |
| 17        | 240B17         | 17.850           | B    | 1½            | 5%        | 8            | 4%          | 137                  | A    | 240A17         | 1½         | 93                    |
| 18        | 240B18         | 18.810           | B    | 1½            | 5%        | 8            | 4%          | 142                  | A    | 240A18         | 1½         | 108                   |
| 19        | 240B19         | 19.780           | B    | 1½            | 5%        | 8            | 4%          | 154                  | A    | 240A19         | 1½         | 120                   |
| 20        | 240B20         | 20.740           | B    | 1½            | 5%        | 8            | 4%          | 169                  | A    | 240A20         | 1½         | 128                   |
| 21        | 240B21         | 21.710           | B    | 1½            | 5%        | 8            | 4%          | 186                  | A    | 240A21         | 1½         | 148                   |
| 25        | 240B25         | 25.550           | B    | 1½            | 5%        | 8            | 4%          | 254                  | A    | 240A25         | 1½         | 208                   |
| 30        | 240C30         | 30.340           | C    | 1½            | 6         | 9            | 6%          | 398                  | A    | 240A30         | 1½         | 310                   |
| 35        | 240C35         | 35.130           | C    | 1½            | 6         | 9            | 6%          | 527                  | A    | 240A35         | 1½         | 416                   |
| 40        | 240C40         | 39.920           | C    | 1½            | 7         | 10           | 6%          | 672                  | A    | 240A40         | 1½         | 548                   |
| 45        | 240C45         | 44.700           | C    | 1½            | 7         | 10           | 6%          | 850                  | A    | 240A45         | 1½         | 702                   |
| 54        | 240C54         | 53.310           | C    | 1½            | 7         | 10           | 6%          | 1148                 | A    | 240A54         | 1½         | 1022                  |
| 60        | 240C60         | 59.040           | C    | 1½            | 7         | 10           | 6%          | 1419                 | A    | 240A60         | 1½         | 1268                  |