

TOLTEC  
INCORPORATED

# TOLTEC INCORPORATED

Stellar Service for a World of Products



Celebrating

**27**

Years of Service



|                                                        |         |
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### Here's what Toltec can do for you

John Smith, supply manager for a manufacturing company, is sure he can save at least 20% by going to China direct.

He identifies a factory (which turns out to be a trading company), travels to China, endures the food and considerable language and cultural difficulties, survives the 12-hour time difference, signs a contract, and issues his P.O. using a wire transfer to place a down payment of one half of the total amount. The second half of the order will be due when the items ship, about 30 days before Smith has the product in his possession.

He tries to call the factory direct to track the order status. The factory instructs him to call the trading company. He studies ocean freight terms as well as U.S. customs and duties codes. He is surprised by the added brokerage fees, customs duties and inland freight charges.

Unfortunately, the component ordered is not exactly to print. Smith calls the trading company. He contacts the factory. The factory insists the part is correct. Smith sends a

defective part back to China. He has paid in full and needs the parts.

While he waits for resolution, he is forced to order domestically and pays five times the piece price he paid from China. The time required for management of the outsourcing requires Smith to hire another person.

### Or

John Smith contacts Toltec and provides a print for the component he needs. Toltec offers a delivered price, sample if necessary, with all PPAP and ISIR requirements. Smith places the order.

The component arrives as agreed. Payment terms are 30 days after delivery. If the item is defective, Toltec accepts the return and replaces the component, air-freighting the needed quantity. Toltec agrees to stock the item so Smith can order as he needs without long lead times.

Toltec sends Smith an inventory report monthly.

### Achieve a 30% cost-saving using Toltec

#### In-house (based on 1 million in sales)

UNIT PART (DIRECT COST) \$35/piece

Indirect costs involved in Chinese outsourcing:

|                                     |          |
|-------------------------------------|----------|
| • Ocean freight                     | \$26,500 |
| • Travel & Lodging                  | \$13,500 |
| • Brokerage fees & duty             | \$14,500 |
| • Inland freight                    | \$17,500 |
| • Wire transfer, payment terms      | \$50,000 |
| • Air freight                       | \$11,000 |
| • Warehousing, inventory management | \$5,000  |
| • Salary, benefits                  | \$50,000 |

Total Unit Cost \$50/piece

#### Using Toltec

UNIT PART (DIRECT COST) \$35/piece

Indirect costs with Toltec:

|                                     |     |
|-------------------------------------|-----|
| • Ocean freight                     | \$0 |
| • Travel & Lodging                  | \$0 |
| • Brokerage fees & duty             | \$0 |
| • Inland freight                    | \$0 |
| • Wire transfer, payment terms      | \$0 |
| • Air freight                       | \$0 |
| • Warehousing, inventory management | \$0 |
| • Salary, benefits                  | \$0 |

Total Unit Cost \$35/piece

Sprockets, Made to  
Print and Standard

TOLTEC  
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### ISO/TS 16949 2009 Certified

Applicable specification ranges:

- Maximum OD: 300mm
- Minimum ID: 8mm
- Wall Thickness: 6mm-20mm
- Cold rolled
- Turned
- CNC machined
- Ground
- Hardened

Tolerance for Bushings (in mm)

OD: H6

ID: H8

Height:  $\pm 0.10$



### Bearing Sleeves



## Machined Components

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## Toltec machining capabilities:

- OEM precision parts
- Diameters up to 20 inches
- Threading
- Manual lathes
- Lengths up to 5.6 feet
- Tolerances to .0002 inches
- Grinding
- CNC

We are familiar working with stainless steel, magnesium, tool steels, cold roll steel, aluminum, aluminum bronze, cast irons, brass, ductile iron and steel castings.

## Castings and Forgings



Sand casting for grey cast-iron and ductile cast-iron: weight up to 44 pounds. Investment casting (lost wax) for carbon steel and steel alloy: weight up to 110 pounds.



Round and rectangle wire with diameters up to 2.8 inches. Wide range of materials available.

### Extension Springs

|                          |                  |
|--------------------------|------------------|
| Half loop                | Full loop        |
| Inclined full loop       | Inside full loop |
| Raised hook              | Small eye        |
| Double-twisted full loop |                  |

### Compression Springs

|                |                |
|----------------|----------------|
| Constant pitch | Variable pitch |
| Hourglass      | Conical        |
| Barrel         |                |

### Torsion Springs

|                  |                 |
|------------------|-----------------|
| Special ends     | Short hook ends |
| Hinge ends       | Straight offset |
| Straight torsion | Double torsion  |

## Specialty Components



## Sheaves & Pulleys



## Weldments & Sub-Assemblies



## Friction Discs





# Specifications and Capabilities



## Standard Sprocket Specifications

### B and C Style

1. Material C1045 steel
2. Induction hardened teeth and black oxide finish
3. Finish bore sprockets have keyway aligned with tooth and two knurled cup point set screws, one over keyway and on at 90 degrees to the keyway.
4. Non hardened teeth and/or plain finish are available on request as special order items.

### A Plates and Weld Sprockets

1. Material C1020 steel
2. Non hardened teeth and black oxide finish
3. Hardened teeth and/or plain finish are available on request as special order items.

## Standard Chain Specifications

1. Roller chain is all produced according to ANSI standards.
2. Engineering, Conveyor, Pintle, and Cast chains are produced according to applicable industry standards.

## Capabilities

Toltec has extensive machining capability for not only Made-To-Order sprockets, but also for parts machined from bar stock, castings, and forgings. With our 3D design capabilities, Toltec is able to custom design a part for you or change an existing part's features to customize it to your specific needs. We support a variety of file types from different software. Please inquire for our design assistance.

## Inventory Stocking Policy

With a purchase agreement, Toltec will stock your specific inventory in our Davenport, Iowa warehouse and ship it to you when requested.

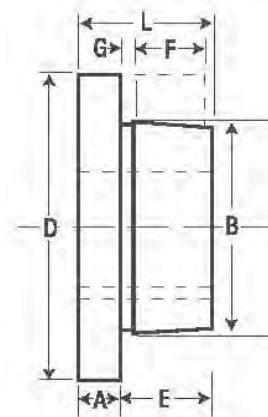


| Bushing | Dimensions (Inches) |        |        |       |       |       |        |                | Cap<br>Screws<br>Required | Stock Bore Range |                    |                   | Set Screw<br>Size | Average<br>Weight (lbs)<br>(Approx.) |
|---------|---------------------|--------|--------|-------|-------|-------|--------|----------------|---------------------------|------------------|--------------------|-------------------|-------------------|--------------------------------------|
|         | A                   | B      | D      | E     | F     | G     | L      | Bolt<br>Circle |                           | Min.             | Maximum            |                   |                   |                                      |
|         |                     |        |        |       |       |       |        |                |                           |                  | Standard<br>Keyway | Shallow<br>Keyway |                   |                                      |
| JA      | 0.375               | 1.375  | 2.000  | 0.688 | 0.563 | 0.125 | 1.000  | 1.665          | 3-10 × 1                  | 0.375            | 1.000              | 1.250             | 10-24             | 0.90                                 |
| SH      | 0.438               | 1.871  | 2.688  | 0.875 | 0.813 | 0.125 | 1.250  | 2.250          | 3-¼ × 1 ⅜                 | 0.500            | 1.375              | 1.688             | ¼-20              | 1.00                                 |
| SDS     | 0.500               | 2.187  | 3.188  | 0.875 | 0.750 | 0.125 | 0.938  | 2.688          | 3-¼ × ⅜                   | 0.500            | 1.688              | 2.000             | ¼-20              | 1.00                                 |
| SD      | 0.500               | 2.187  | 3.188  | 0.938 | 1.250 | 0.125 | 1.813  | 2.688          | 3-¼ × 1 ⅞                 | 0.500            | 1.688              | 1.938             | ¼-20              | 1.50                                 |
| SK      | 0.563               | 2.812  | 3.875  | 1.375 | 1.250 | 0.125 | 1.125  | 3.313          | 3-⅝ × 2                   | 0.500            | 2.125              | 2.500             | ⅝-18              | 2.00                                 |
| SF      | 0.563               | 3.125  | 4.625  | 1.500 | 1.250 | 0.125 | 2.000  | 3.875          | 3-⅜ × 2                   | 0.500            | 2.313              | 2.316             | ⅝-18              | 3.00                                 |
| E       | 0.750               | 3.834  | 6.000  | 1.875 | 1.625 | 0.125 | 2.625  | 5.000          | 3-½ × 2 ¾                 | 0.875            | 2.875              | 3.500             | ⅜-16              | 10.00                                |
| F       | 0.813               | 4.437  | 6.625  | 2.813 | 2.500 | 0.188 | 3.625  | 5.625          | 3-⅞ × 3 ⅝                 | 1.000            | 3.313              | 3.938             | ½-13              | 11.50                                |
| J       | 1.000               | 5.148  | 7.250  | 3.500 | 3.188 | 0.188 | 4.500  | 6.250          | 3-⅝ × 4 ½                 | 1.438            | 3.750              | 4.500             | ⅝-11              | 18.00                                |
| M       | 1.250               | 6.500  | 9.000  | 5.500 | 5.188 | 0.188 | 6.750  | 7.875          | 4-¾ × 6 ¾                 | 1.938            | 4.750              | 5.500             | ¾-10              | 37.00                                |
| N       | 1.500               | 7.000  | 10.250 | 6.625 | 6.250 | 0.250 | 8.125  | 8.500          | 4-⅞ × 8 ½                 | 2.438            | 5.125              | 6.000             | ¾-10              | 57.00                                |
| P       | 1.750               | 8.250  | 11.750 | 7.625 | 7.250 | 0.250 | 9.375  | 10.000         | 4-1 × 9 ½                 | 2.938            | 5.938              | 7.000             | ⅞-9               | 120.00                               |
| W       | 2.000               | 10.437 | 15.000 | 9.375 | 9.000 | 0.250 | 11.375 | 12.750         | 4-1 ⅛ × 11 ½              | 4.000            | 7.500              | 8.500             | 1-8               | 250.00                               |

| Bushing | Bores           | Keyway     |
|---------|-----------------|------------|
| JA      | 3/8 - 7/16      | NO K.W.    |
|         | 1/2 - 1         | STD.       |
|         | 1 1/18 - 1 1/8  | 1/4 - 1/16 |
|         | 1 3/16          | 1/4 - 1/16 |
|         | 1 1/4           | NO K.W.    |
| SH      | 1/2 - 1 3/8     | STD.       |
|         | 1 7/16 - 1 1/2  | 3/8 x 1/16 |
|         | 1 9/16 - 1 5/8  | 3/8 - 1/16 |
|         | 1 11/16         | NO K.W.    |
| SDS     | 1/2 - 1 11/16   | STD.       |
|         | 1 3/4           | 3/8 x 1/8  |
|         | 1 13/16         | 1/2 x 1/8  |
|         | 1 7/8 - 1 15/16 | 1/2 x 1/16 |
|         | 2               | NO K.W.    |
| SD      | 1/2 - 1 11/16   | STD.       |
|         | 1 3/4           | 3/8 x 1/8  |
|         | 1 13/16         | 1/2 x 1/8  |
|         | 1 7/8           | 1/2 x 1/16 |
|         | 2               | NO K.W.    |

| Bushing | Bores           | Keyway      |
|---------|-----------------|-------------|
| SK      | 1/2 - 2 1/8     | STD.        |
|         | 2 3/16 - 2 1/4  | 1/2 x 1/8   |
|         | 2 5/16 - 2 1/2  | 5/8 x 1/16  |
|         | 2 9/16 - 2 5/8  | NO K.W.     |
| SF      | 1/2 - 2 1/4     | STD.        |
|         | 2 5/16 - 2 1/2  | 5/8 x 3/16  |
|         | 2 7/16 - 2 3/4  | 5/8 x 1/16  |
|         | 2 13/16 - 2 7/8 | 3/4 x 1/16  |
|         | 2 15/16         | 3/4 x 1/32  |
| E       | 7/8 - 2 7/8     | STD.        |
|         | 2 15/16 - 3 1/4 | 3/4 x 1/8   |
|         | 3 3/8 - 3 1/2   | 7/8 x 1/16  |
|         | 3 5/16          | 7/8 x 1/8   |
| F       | 1 - 3 5/16      | STD.        |
|         | 3 3/8 - 3 3/4   | 7/8 x 3/16  |
|         | 3 7/8 - 3 15/16 | 1 x 1/8     |
|         | 4               | NONE        |
| J       | 1 1/4 - 3 3/4   | STD.        |
|         | 3 13/16 - 4 1/2 | 1 x 1/8     |
| M       | 2 - 4 3/4       | STD.        |
|         | 4 13/16 - 5 1/2 | 1 1/4 x 1/4 |

| Bushing | Bores             | Keyway      |
|---------|-------------------|-------------|
| N       | 2 7/16 - 5        | STD.        |
|         | 5 1/8 - 5 1/2     | 1 1/4 x 1/4 |
|         | 5 9/16 - 6        | 1 1/2 x 1/4 |
| P       | 2 15/16 - 5 15/16 | STD.        |
|         | 6 - 6 1/2         | 1 1/2 x 1/4 |
| W       | 6 1/16 - 7        | 1 3/4 x 1/8 |
|         | 4 - 7 1/2         | STD.        |
|         | 7 9/16 - 8 1/2    | 2 x 1/4     |



# Standard Dimensions



| Bore               | Standard Keyway Size | Standard Setscrew Size |
|--------------------|----------------------|------------------------|
| 1/2" to 5/16"      | 1/8" x 1/16"         | 10-24                  |
| 5/8" to 7/8"       | 3/16" x 3/32"        | 1/4"-20                |
| 1 5/16" to 1 1/4"  | 1/4" x 1/8"          | 5/16"-18               |
| 1 5/16" to 1 3/8"  | 5/16" x 5/32"        | 5/16"-18               |
| 1 7/16" to 1 3/4"  | 3/8" x 3/16"         | 3/8"-16                |
| 1 13/16" to 2 1/4" | 1/2" x 1/4"          | 1/2"-13                |
| 2 5/16" to 2 3/4"  | 5/8" x 5/16"         | 5/8"-11                |
| 2 13/16" to 3"     | 3/4" x 3/8"          | 5/8"-11                |
| 3 5/16" to 3 3/4"  | 7/8" x 7/16"         | 3/4"-10                |
| 3 13/16" to 4 1/2" | 1 x 1/2"             | 3/4"-10                |

## Bore Tolerances

- 1" & less +.001/-.000
- 1 1/16" to 2" +.002/-.000
- 2 1/16" to 3" +.0003/-.000
- 3 1/16" & up +.004/-.000

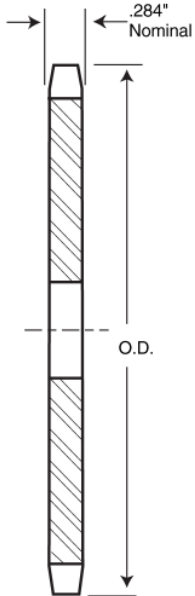
## Keyway Tolerances

- Width of key +.002/-.000
- Depth of key +.010/-.000

|       | Decimal | MM     |
|-------|---------|--------|
| 1/64  | .0156   | 0.396  |
| 1/32  | .0312   | 0.793  |
| 3/64  | .0468   | 1.190  |
| 1/16  | .0625   | 1.578  |
| 5/64  | .0781   | 1.984  |
| 3/32  | .0937   | 2.381  |
| 7/64  | .1093   | 2.778  |
| 1/8   | .125    | 3.175  |
| 9/64  | .1406   | 3.571  |
| 5/32  | .1562   | 3.968  |
| 11/64 | .1718   | 4.365  |
| 3/16  | .1875   | 4.762  |
| 13/64 | .2031   | 5.159  |
| 7/32  | .2187   | 5.556  |
| 15/64 | .2343   | 5.953  |
| 1/4   | .250    | 6.350  |
| 17/64 | .2656   | 6.746  |
| 9/32  | .2812   | 7.143  |
| 19/64 | .2968   | 7.540  |
| 5/16  | .3125   | 7.937  |
| 21/64 | .3281   | 8.334  |
| 11/32 | .3437   | 8.731  |
| 23/64 | .3593   | 9.128  |
| 3/8   | .375    | 9.525  |
| 25/64 | .3906   | 9.921  |
| 13/32 | .4062   | 10.318 |
| 27/64 | .4218   | 10.715 |
| 7/16  | .4375   | 11.112 |
| 29/64 | .4531   | 11.509 |
| 15/32 | .4687   | 11.906 |
| 31/64 | .4843   | 12.303 |
| 1/2   | .500    | 12.700 |

|       | Decimal | MM     |
|-------|---------|--------|
| 33/64 | .5156   | 13.096 |
| 17/32 | .5312   | 13.493 |
| 35/64 | .5468   | 13.890 |
| 9/16  | .5625   | 14.278 |
| 37/64 | .5781   | 14.684 |
| 19/32 | .5937   | 15.081 |
| 39/64 | .6093   | 15.478 |
| 5/8   | .625    | 15.875 |
| 41/64 | .6406   | 16.271 |
| 21/32 | .6562   | 16.668 |
| 43/64 | .6718   | 17.065 |
| 11/16 | .6875   | 17.462 |
| 45/64 | .7031   | 17.859 |
| 23/32 | .7187   | 18.256 |
| 47/64 | .743    | 18.653 |
| 3/4   | .750    | 19.050 |
| 49/64 | .7656   | 19.446 |
| 25/32 | .7812   | 19.843 |
| 51/64 | .7968   | 20.240 |
| 13/16 | .8125   | 20.637 |
| 53/64 | .8281   | 21.334 |
| 27/32 | .8437   | 21.431 |
| 55/64 | .8593   | 21.828 |
| 7/8   | .875    | 22.225 |
| 57/64 | .8906   | 22.621 |
| 29/32 | .9062   | 23.018 |
| 59/64 | .9218   | 23.415 |
| 15/16 | .9375   | 23.812 |
| 61/64 | .9531   | 24.209 |
| 31/32 | .9687   | 24.606 |
| 63/64 | .9843   | 25.003 |
| 1     | 1.000   | 25.400 |

### Conveyor or Drive Series - Standard Roller Double pitch - 2040/C2040

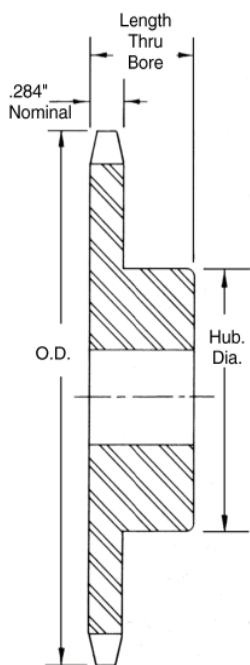


**TYPE A**

\* Has recessed groove in hub for chain clearance.

| No. Teeth | Eff. No. Teeth | Outside Diameter | Pitch Diameter | Port Number | Type | Bore  |           | Hub      |                  | Wt. Lbs. (Approx.) |
|-----------|----------------|------------------|----------------|-------------|------|-------|-----------|----------|------------------|--------------------|
|           |                |                  |                |             |      | Stock | Rec. Max. | Diameter | Length Thru Bore |                    |
| 11        | 5.5            | 2.000            | 1.852          | 2040B11     | B    | 1/2   | 13/16     | 13/8*    | 7/8              | .34                |
| 12        | 6.0            | 2.170            | 2.000          | 2040B12     | B    | 1/2   | 13/16     | 13/16*   | 7/8              | .44                |
| 13        | 6.5            | 2.330            | 2.152          | 2040B13     | B    | 1/2   | 21/32     | 13/16*   | 7/8              | .48                |
| 14        | 7.0            | 2.490            | 2.305          | 2040B14     | B    | 1/2   | 11/32     | 111/16*  | 7/8              | .60                |
| 15        | 7.5            | 2.650            | 2.458          | 2040B15     | B    | 5/8   | 17/32     | 123/32   | 7/8              | .66                |
| 16        | 8.0            | 2.810            | 2.613          | 2040B16     | B    | 5/8   | 19/32     | 17/8     | 7/8              | .76                |
| 17        | 8.5            | 2.980            | 2.768          | 2040B17     | B    | 5/8   | 13/16     | 23/64    | 1                | 1.00               |
| 18        | 9.0            | 3.140            | 2.924          | 2040B18     | B    | 5/8   | 115/32    | 27/32    | 1                | 1.16               |
| 19        | 9.5            | 3.300            | 3.080          | 2040B19     | B    | 5/8   | 13/8      | 23/8     | 1                | 1.36               |
| 20        | 10.0           | 3.460            | 3.236          | 2040B20     | B    | 5/8   | 13/4      | 235/64   | 1                | 1.54               |
| 21        | 10.5           | 3.620            | 3.392          | 2040B21     | B    | 5/8   | 125/32    | 245/64   | 1                | 1.74               |
| 22        | 11.0           | 3.780            | 3.549          | 2040B22     | B    | 5/8   | 17/8      | 27/8     | 1                | 1.92               |
| 23        | 11.5           | 3.940            | 3.706          | 2040B23     | B    | 5/8   | 2         | 3        | 1                | 2.16               |
| 24        | 12.0           | 4.100            | 3.864          | 2040B24     | B    | 5/8   | 21/4      | 31/4     | 1                | 2.44               |
| 25        | 12.5           | 4.260            | 4.021          | 2040B25     | B    | 5/8   | 21/4      | 31/4     | 1                | 2.48               |
| 26        | 13.0           | 4.420            | 4.179          | 2040B26     | B    | 5/8   | 21/4      | 31/4     | 1                | 2.60               |
| 28        | 14.0           | 4.740            | 4.494          | 2040B28     | B    | 5/8   | 21/4      | 31/4     | 1                | 2.74               |
| 30        | 15.0           | 5.060            | 4.810          | 2040B30     | B    | 5/8   | 21/4      | 31/4     | 1                | 2.92               |

### Conveyor Series - Carrier Roller Double pitch - 2042/C2042



**TYPE B**

| No. Teeth | Outside Diameter | Pitch Diameter | Port Number | Type | Bore  |           | Hub      |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Number | Wt. Lbs. (Approx.) |
|-----------|------------------|----------------|-------------|------|-------|-----------|----------|------------------|--------------------|------|-------------|--------------|--------------------|
|           |                  |                |             |      | Stock | Rec. Max. | Diameter | Length Thru Bore |                    |      |             |              |                    |
| 8         | 3.010            | 2.613          | 2042B8      | B    | 5/8   | 15/32     | 17/8     | 7/8              | 0.72               | —    | —           | —            | —                  |
| 9         | 3.350            | 2.924          | 2042B9      | B    | 5/8   | 115/32    | 27/32    | 7/8              | 1.02               | —    | —           | —            | —                  |
| 10        | 3.680            | 3.236          | 2042B10     | B    | 5/8   | 13/4      | 235/64   | 1                | 1.50               | —    | —           | —            | —                  |
| 11        | 4.000            | 3.549          | 2042B11     | B    | 5/8   | 17/8      | 23/8     | 1                | 1.68               | —    | —           | —            | —                  |
| 12        | 4.330            | 3.864          | 2042B12     | B    | 5/8   | 21/4      | 31/16    | 1                | 2.22               | —    | —           | —            | —                  |
| 13        | 4.660            | 4.179          | 2042B13     | B    | 5/8   | 21/4      | 31/4     | 1                | 2.56               | —    | —           | —            | —                  |
| 14        | 4.980            | 4.494          | 2042B14     | B    | 5/8   | 21/4      | 31/4     | 1                | 2.72               | —    | —           | —            | —                  |
| 15        | 5.300            | 4.810          | 2042B15     | B    | 5/8   | 21/4      | 31/4     | 1                | 2.90               | —    | —           | —            | —                  |
| 16        | 5.630            | 5.126          | 2042B16     | B    | 5/8   | 21/4      | 31/4     | 1                | 3.10               | A    | 2042A16     | 19/32        | 1.38               |
| 17        | 5.950            | 5.442          | 2042B17     | B    | 5/8   | 21/4      | 31/4     | 1                | 3.40               | A    | 2042A17     | 19/32        | 1.66               |
| 18        | 6.270            | 5.759          | 2042B18     | B    | 5/8   | 21/4      | 31/4     | 1                | 3.56               | A    | 2042A18     | 19/32        | 1.88               |
| 19        | 6.590            | 6.076          | 2042B19     | B    | 5/8   | 21/4      | 31/4     | 1                | 3.72               | A    | 2042A19     | 19/32        | 2.06               |
| 20        | 6.910            | 6.392          | 2042B20     | B    | 3/4   | 23/8      | 31/2     | 11/8             | 4.72               | A    | 2042A20     | 23/32        | 2.40               |
| 21        | 7.240            | 6.710          | 2042B21     | B    | 3/4   | 23/8      | 31/2     | 11/8             | 4.84               | A    | 2042A21     | 23/32        | 2.62               |
| 22        | 7.560            | 7.027          | 2042B22     | B    | 3/4   | 23/8      | 31/2     | 11/8             | 5.18               | A    | 2042A22     | 23/32        | 2.88               |
| 23        | 7.880            | 7.344          | 2042B23     | B    | 3/4   | 23/8      | 31/2     | 11/8             | 5.04               | A    | 2042A23     | 23/32        | 3.14               |
| 24        | 8.200            | 7.661          | 2042B24     | B    | 3/4   | 23/8      | 31/2     | 11/8             | 5.58               | A    | 2042A24     | 23/32        | 3.22               |
| 25        | 8.520            | 7.979          | 2042B25     | B    | 3/4   | 23/8      | 31/2     | 11/8             | 5.96               | A    | 2042A25     | 23/32        | 3.50               |
| 26        | 8.840            | 8.296          | 2042B26     | B    | 3/4   | 23/8      | 31/2     | 11/8             | 6.22               | A    | 2042A26     | 23/32        | 3.74               |
| 28        | 9.480            | 8.931          | 2042B28     | B    | 3/4   | 23/8      | 31/2     | 11/8             | 6.78               | A    | 2042A28     | 23/32        | 4.76               |
| 30        | 10.110           | 9.567          | 2042B30     | B    | 3/4   | 23/8      | 31/2     | 11/8             | 7.56               | A    | 2042A30     | 23/32        | 5.08               |

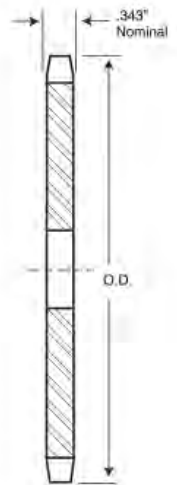


# 1 1/4-Inch Double Pitch All Steel Stock Sprockets



## Conveyor or Drive Series - Standard Roller Double pitch - 2050/C2050

| No. Teeth | Eff. No. Teeth | Outside Diameter | Pitch Diameter | Port Number | Type | Bore  |           | Hub      |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore | Wt. Lbs. (Approx.) |
|-----------|----------------|------------------|----------------|-------------|------|-------|-----------|----------|------------------|--------------------|------|-------------|------------|--------------------|
|           |                |                  |                |             |      | Stock | Rec. Max. | Diameter | Length Thru Bore |                    |      |             |            |                    |
| 11        | 5.5            | 2.500            | 2.315          | 2050B11     | B    | 5/8   | 1 3/16    | 1 3/4*   | 1                | 0.62               | —    | —           | —          | —                  |
| 12        | 6.0            | 2.710            | 2.500          | 2050B12     | B    | 5/8   | 1         | 1 63/64  | 1                | 0.80               | —    | —           | —          | —                  |
| 13        | 6.5            | 2.910            | 2.690          | 2050B13     | B    | 5/8   | 1 7/32    | 1 23/32  | 1                | 0.82               | —    | —           | —          | —                  |
| 14        | 7.0            | 3.110            | 2.881          | 2050B14     | B    | 5/8   | 1 9/32    | 1 15/16  | 1                | 1.00               | —    | —           | —          | —                  |
| 15        | 7.5            | 3.320            | 3.073          | 2050B15     | B    | 5/8   | 1 13/32   | 2 3/32   | 1                | 1.22               | —    | —           | —          | —                  |
| 16        | 8.0            | 3.520            | 3.266          | 2050B16     | B    | 5/8   | 1 19/32   | 2 3/64   | 1                | 1.44               | —    | —           | —          | —                  |
| 17        | 8.5            | 3.720            | 3.460          | 2050B17     | B    | 5/8   | 1 3/4     | 2 9/16   | 1                | 1.68               | —    | —           | —          | —                  |
| 18        | 9.0            | 3.920            | 3.655          | 2050B18     | B    | 5/8   | 1 25/32   | 2 23/32  | 1                | 1.94               | —    | —           | —          | —                  |
| 19        | 9.5            | 4.120            | 3.850          | 2050B19     | B    | 5/8   | 1 31/32   | 2 63/64  | 1                | 2.24               | —    | —           | —          | —                  |
| 20        | 10.0           | 4.320            | 4.045          | 2050B20     | B    | 3/4   | 2         | 3        | 1                | 2.30               | —    | —           | —          | —                  |
| 21        | 10.5           | 4.520            | 4.241          | 2050B21     | B    | 3/4   | 2         | 3        | 1                | 2.40               | —    | —           | —          | —                  |
| 22        | 11.0           | 4.720            | 4.437          | 2050B22     | B    | 3/4   | 2         | 3        | 1                | 2.54               | —    | —           | —          | —                  |
| 23        | 11.5           | 4.920            | 4.633          | 2050B23     | B    | 3/4   | 2         | 3        | 1                | 2.66               | —    | —           | —          | —                  |
| 24        | 12.0           | 5.120            | 4.830          | 2050B24     | B    | 3/4   | 2         | 3        | 1 1/4            | 3.30               | A    | 2050A24     | 23/32      | 1.58               |
| 25        | 12.5           | 5.320            | 5.026          | 2050B25     | B    | 3/4   | 2         | 3        | 1 1/4            | 3.42               | A    | 2050A25     | 23/32      | 1.68               |
| 26        | 13.0           | 5.520            | 5.223          | 2050B26     | B    | 3/4   | 2         | 3        | 1 1/4            | 3.62               | A    | 2050A26     | 23/32      | 1.88               |
| 28        | 14.0           | 5.920            | 5.617          | 2050B28     | B    | 3/4   | 2         | 3        | 1 1/4            | 3.78               | A    | 2050A28     | 23/32      | 2.22               |
| 30        | 15.0           | 6.320            | 6.012          | 2050B30     | B    | 3/4   | 2 1/4     | 3 3/4    | 1 1/4            | 4.58               | A    | 2050A30     | 23/32      | 2.54               |

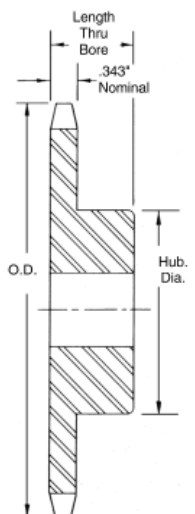


TYPE A

\* Has recessed groove in hub for chain clearance.

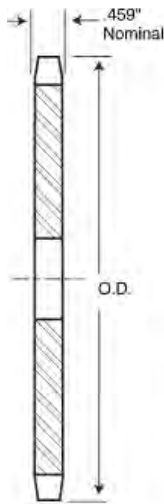
## Conveyor Series - Carrier Roller Double pitch - 2052/C2052

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



TYPE B

### Conveyor Series - Standard Roller Double pitch - 2060/C2060

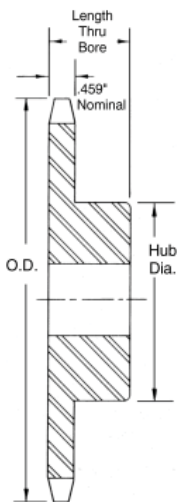


**TYPE A**

\* Has recessed groove in hub for chain clearance.

| No. Teeth | Eff. No. Teeth | Outside Diameter | Pitch Diameter | Port Number | Type | Bore  |           | Hub      |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore | Wt. Lbs. (Approx.) |
|-----------|----------------|------------------|----------------|-------------|------|-------|-----------|----------|------------------|--------------------|------|-------------|------------|--------------------|
|           |                |                  |                |             |      | Stock | Rec. Max. | Diameter | Length Thru Bore |                    |      |             |            |                    |
| 11        | 5.5            | 3.000            | 2.773          | 2060B11     | B    | ¾     | 1         | 2¼*      | 1¼               | 1.14               | —    | —           | —          | —                  |
| 12        | 6.0            | 3.250            | 3.000          | 2060B12     | B    | ¾     | 1¼        | 2¾*      | 1¼               | 1.46               | —    | —           | —          | —                  |
| 13        | 6.5            | 3.490            | 3.228          | 2060B13     | B    | ¾     | 1½        | 2¾       | 1¼               | 1.52               | —    | —           | —          | —                  |
| 14        | 7.0            | 3.740            | 3.457          | 2060B14     | B    | ¾     | 1⅞        | 2⅞       | 1¼               | 1.86               | —    | —           | —          | —                  |
| 15        | 7.5            | 3.980            | 3.688          | 2060B15     | B    | ¾     | 1¾        | 2⅞       | 1¼               | 2.24               | —    | —           | —          | —                  |
| 16        | 8.0            | 4.220            | 3.920          | 2060B16     | B    | ¾     | 1⅞        | 2⅞       | 1¼               | 2.64               | —    | —           | —          | —                  |
| 17        | 8.5            | 4.460            | 4.152          | 2060B17     | B    | ¾     | 2⅞        | 3⅞       | 1¼               | 3.08               | —    | —           | —          | —                  |
| 18        | 9.0            | 4.700            | 4.386          | 2060B18     | B    | ¾     | 2⅞        | 3⅞       | 1¼               | 3.56               | —    | —           | —          | —                  |
| 19        | 9.5            | 4.940            | 4.620          | 2060B19     | B    | ¾     | 2⅞        | 3⅞       | 1¼               | 3.94               | —    | —           | —          | —                  |
| 20        | 10.0           | 5.190            | 4.854          | 2060B20     | B    | ¾     | 2⅞        | 3⅞       | 1¼               | 4.50               | —    | —           | —          | —                  |
| 21        | 10.5           | 5.430            | 5.089          | 2060B21     | B    | ¾     | 2¾        | 4        | 1¼               | 5.02               | —    | —           | —          | —                  |
| 22        | 11.0           | 5.670            | 5.324          | 2060B22     | B    | ¾     | 2¾        | 4        | 1¼               | 5.26               | —    | —           | —          | —                  |
| 23        | 11.5           | 5.910            | 5.560          | 2060B23     | B    | ¾     | 2¾        | 4        | 1¼               | 5.54               | —    | —           | —          | —                  |
| 24        | 12.0           | 6.150            | 5.796          | 2060B24     | B    | ¾     | 2¾        | 4        | 1¼               | 5.90               | A    | 2060A24     | 2⅜         | 3.02               |
| 25        | 12.5           | 6.390            | 6.032          | 2060B25     | B    | ¾     | 2¾        | 4        | 1¼               | 6.08               | A    | 2060A25     | 2⅜         | 3.36               |
| 26        | 13.0           | 6.630            | 6.268          | 2060B26     | B    | ¾     | 2¾        | 4        | 1¼               | 6.36               | A    | 2060A26     | 2⅜         | 3.58               |
| 28        | 14.0           | 7.110            | 6.741          | 2060B28     | B    | ¾     | 2¾        | 4        | 1¼               | 7.02               | A    | 2060A28     | 2⅜         | 4.12               |
| 30        | 15.0           | 7.590            | 7.215          | 2060B30     | B    | ¾     | 2¾        | 4        | 1¼               | 7.54               | A    | 2060A30     | 2⅜         | 4.88               |

### Conveyor Series - Carrier Roller Double pitch - 2062/C2062



**TYPE B**

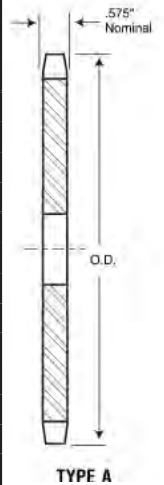
| No. Teeth | Outside Diameter | Pitch Diameter | Port Number | Type | Bore  |           | Hub      |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Number | Wt. Lbs. (Approx.) |
|-----------|------------------|----------------|-------------|------|-------|-----------|----------|------------------|--------------------|------|-------------|--------------|--------------------|
|           |                  |                |             |      | Stock | Rec. Max. | Diameter | Length Thru Bore |                    |      |             |              |                    |
| 8         | 4.520            | 3.920          | 2062B8      | B    | ¾     | 1⅞        | 2⅞       | 1¼               | 2.60               | —    | —           | —            | —                  |
| 9         | 5.020            | 4.386          | 2062B9      | B    | ¾     | 2⅞        | 3⅞       | 1¼               | 3.48               | —    | —           | —            | —                  |
| 10        | 5.520            | 4.854          | 2062B10     | B    | ¾     | 2⅞        | 3⅞       | 1¼               | 4.54               | —    | —           | —            | —                  |
| 11        | 6.010            | 5.324          | 2062B11     | B    | ¾     | 2¾        | 4        | 1¼               | 5.20               | —    | —           | —            | —                  |
| 12        | 6.500            | 5.796          | 2062B12     | B    | ¾     | 2¾        | 4        | 1¼               | 5.70               | —    | —           | —            | —                  |
| 13        | 6.990            | 6.268          | 2062B13     | B    | ¾     | 2¾        | 4        | 1¼               | 6.28               | —    | —           | —            | —                  |
| 14        | 7.470            | 6.741          | 2062B14     | B    | ¾     | 2¾        | 4        | 1¼               | 6.82               | A    | 2062A14     | 2⅜           | 4.02               |
| 15        | 7.960            | 7.215          | 2062B15     | B    | ¾     | 2¾        | 4        | 1¼               | 7.48               | A    | 2062A15     | 2⅜           | 4.76               |
| 16        | 8.440            | 7.689          | 2062B16     | B    | ¾     | 2¾        | 4        | 1¼               | 8.18               | A    | 2062A16     | 2⅜           | 5.70               |
| 17        | 8.920            | 8.163          | 2062B17     | B    | 1     | 2¾        | 4        | 1¼               | 8.82               | A    | 2062A17     | 1⅝           | 6.16               |
| 18        | 9.410            | 8.638          | 2062B18     | B    | 1     | 2¾        | 4        | 1¼               | 9.36               | A    | 2062A18     | 1⅝           | 6.96               |
| 19        | 9.890            | 9.113          | 2062B19     | B    | 1     | 2¾        | 4¼       | 1¼               | 11.10              | A    | 2062A19     | 1⅝           | 8.00               |
| 20        | 10.370           | 9.589          | 2062B20     | B    | 1⅝    | 2¾        | 4¼       | 1¼               | 11.66              | A    | 2062A20     | 1⅝           | 8.46               |
| 21        | 10.850           | 10.064         | 2062B21     | B    | 1⅝    | 2¾        | 4¼       | 1¼               | 13.24              | A    | 2062A21     | 1⅝           | 8.93               |
| 22        | 11.330           | 10.540         | 2062B22     | B    | 1⅝    | 2¾        | 4¼       | 1¼               | 13.78              | A    | 2062A22     | 1⅝           | 10.74              |
| 23        | 11.810           | 11.016         | 2062B23     | B    | 1⅝    | 2¾        | 4¼       | 1¼               | 14.90              | A    | 2062A23     | 1⅝           | 11.64              |
| 24        | 12.290           | 11.492         | 2062B24     | B    | 1⅝    | 2¾        | 4¼       | 1¼               | 15.66              | A    | 2062A24     | 1⅝           | 12.64              |
| 25        | 12.770           | 11.968         | 2062B25     | B    | 1⅝    | 2¾        | 4¼       | 1¼               | 16.80              | A    | 2062A25     | 1⅝           | 13.78              |
| 26        | 13.250           | 12.444         | 2062B26     | B    | 1⅝    | 2¾        | 4¼       | 1¼               | 20.20              | A    | 2062A26     | 1⅝           | 15.00              |
| 28        | 14.210           | 13.397         | 2062B28     | B    | 1¼    | 2¾        | 4¼       | 1¼               | 21.86              | A    | 2062A28     | 1¼           | 17.32              |
| 30        | 15.170           | 14.350         | 2062B30     | B    | 1¼    | 2¾        | 4¼       | 1¼               | 26.00              | A    | 2062A30     | 1¼           | 19.50              |

# 2-Inch Double Pitch All Steel Stock Sprockets



Conveyor or Drive Series - Standard Roller  
Double pitch - 2080/C2080

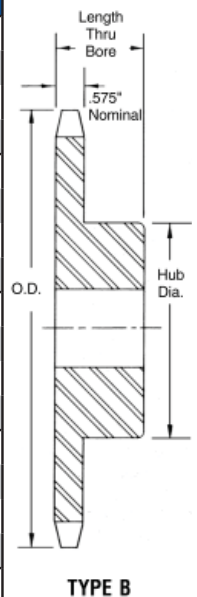
| No. Teeth | Eff. No. Teeth | Outside Diameter | Pitch Diameter | Port Number | Type | Bore   |           | Hub      |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore | Wt. Lbs. (Approx.) |
|-----------|----------------|------------------|----------------|-------------|------|--------|-----------|----------|------------------|--------------------|------|-------------|------------|--------------------|
|           |                |                  |                |             |      | Stock  | Rec. Max. | Diameter | Length Thru Bore |                    |      |             |            |                    |
| 11        | 5.5            | 4.010            | 3.694          | 2080B11     | B    | 1      | 1½        | 2 13/16* | 1 5/8            | 2.5                | —    | —           | —          | —                  |
| 12        | 6.0            | 4.330            | 4.000          | 2080B12     | B    | 1      | 1 11/16   | 3 1/8*   | 1 5/8            | 3.2                | —    | —           | —          | —                  |
| 13        | 6.5            | 4.660            | 4.304          | 2080B13     | B    | 1      | 1 25/32   | 2 25/32  | 1 1/2            | 3.3                | —    | —           | —          | —                  |
| 14        | 7.0            | 4.980            | 4.610          | 2080B14     | B    | 1      | 2 1/8     | 3 3/8    | 1 1/2            | 4.0                | —    | —           | —          | —                  |
| 15        | 7.5            | 5.300            | 4.917          | 2080B15     | B    | 1      | 2 9/32    | 3 29/64  | 1 1/2            | 4.8                | —    | —           | —          | —                  |
| 16        | 8.0            | 5.630            | 5.226          | 2080B16     | B    | 1      | 2 17/32   | 3 51/64  | 1 1/2            | 5.7                | —    | —           | —          | —                  |
| 17        | 8.5            | 5.950            | 5.536          | 2080B17     | B    | 1      | 2 3/4     | 4        | 1 1/2            | 6.4                | A    | 2080A17     | 1 5/16     | 3.4                |
| 18        | 9.0            | 6.270            | 5.848          | 2080B18     | B    | 1      | 2 3/4     | 4 1/4    | 1 1/2            | 7.4                | A    | 2080A18     | 1 5/16     | 3.8                |
| 19        | 9.5            | 6.590            | 6.160          | 2080B19     | B    | 1      | 2 3/4     | 4 1/4    | 1 1/2            | 7.7                | A    | 2080A19     | 1 5/16     | 4.3                |
| 20        | 10.0           | 6.910            | 6.472          | 2080B20     | B    | 1      | 2 3/4     | 4 1/4    | 1 1/2            | 8.3                | A    | 2080A20     | 1 5/16     | 4.8                |
| 21        | 10.5           | 7.230            | 6.785          | 2080B21     | B    | 1      | 2 3/4     | 4 1/4    | 1 3/4            | 9.4                | A    | 2080A21     | 1 5/16     | 5.3                |
| 22        | 11.0           | 7.560            | 7.099          | 2080B22     | B    | 1      | 2 3/4     | 4 1/4    | 1 3/4            | 10.0               | A    | 2080A22     | 1 5/16     | 5.8                |
| 23        | 11.5           | 7.880            | 7.413          | 2080B23     | B    | 1      | 2 3/4     | 4 1/4    | 1 3/4            | 10.5               | A    | 2080A23     | 1 5/16     | 6.4                |
| 24        | 12.0           | 8.200            | 7.727          | 2080B24     | B    | 1      | 2 3/4     | 4 1/4    | 1 3/4            | 11.1               | A    | 2080A24     | 1 5/16     | 7.1                |
| 25        | 12.5           | 8.520            | 8.042          | 2080B25     | B    | 1      | 2 3/4     | 4 1/4    | 1 3/4            | 12.0               | A    | 2080A25     | 1 5/16     | 7.5                |
| 26        | 13.0           | 8.840            | 8.357          | 2080B26     | B    | 1 1/4  | 3 1/4     | 4 3/4    | 2                | 14.8               | A    | 2080A26     | 1 3/16     | 8.3                |
| 28        | 14.0           | 9.480            | 8.988          | 2080B28     | B    | 1 3/16 | 3 1/4     | 4 3/4    | 2                | 16.6               | A    | 2080A28     | 1 3/16     | 9.2                |
| 30        | 15.0           | 10.110           | 9.620          | 2080B30     | B    | 1 3/16 | 3 1/4     | 4 3/4    | 2                | 17.8               | A    | 2080A30     | 1 3/16     | 10.7               |

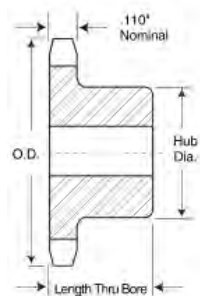


\* Has recessed groove in hub for chain clearance.

Conveyor Series - Carrier Roller  
Double pitch - 2082/C2082

| No. Teeth | Outside Diameter | Pitch Diameter | Port Number | Type | Bore   |           | Hub      |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Number | Wt. Lbs. (Approx.) |
|-----------|------------------|----------------|-------------|------|--------|-----------|----------|------------------|--------------------|------|-------------|--------------|--------------------|
|           |                  |                |             |      | Stock  | Rec. Max. | Diameter | Length Thru Bore |                    |      |             |              |                    |
| 8         | 6.030            | 5.226          | 2082B8      | B    | 1      | 2 17/32   | 3 51/64  | 1 3/4            | 6.4                | —    | —           | —            | —                  |
| 9         | 6.700            | 5.848          | 2082B9      | B    | 1      | 2 3/4     | 4 1/4    | 1 3/4            | 8.2                | —    | —           | —            | —                  |
| 10        | 7.360            | 6.472          | 2082B10     | B    | 1      | 2 3/4     | 4 1/4    | 1 3/4            | 9.2                | —    | —           | —            | —                  |
| 11        | 8.010            | 7.099          | 2082B11     | B    | 1      | 2 3/4     | 4 1/4    | 1 3/4            | 10.1               | A    | 2082A11     | 1 5/16       | 5.7                |
| 12        | 8.660            | 7.727          | 2082B12     | B    | 1      | 2 3/4     | 4 1/4    | 1 3/4            | 11.2               | A    | 2082A12     | 1 5/16       | 6.8                |
| 13        | 9.310            | 8.357          | 2082B13     | B    | 1 1/4  | 3 1/4     | 4 3/4    | 2                | 15.0               | A    | 2082A13     | 1 3/16       | 7.7                |
| 14        | 9.960            | 8.988          | 2082B14     | B    | 1 1/4  | 3 1/4     | 4 3/4    | 2                | 15.8               | A    | 2082A14     | 1 3/16       | 9.1                |
| 15        | 10.610           | 9.620          | 2082B15     | B    | 1 3/16 | 3 1/4     | 4 3/4    | 2                | 17.8               | A    | 2082A15     | 1 3/16       | 10.7               |
| 16        | 11.250           | 10.252         | 2082B16     | B    | 1 3/16 | 3 1/4     | 4 3/4    | 2                | 19.3               | A    | 2082A16     | 1 3/16       | 12.4               |
| 17        | 11.900           | 10.885         | 2082B17     | B    | 1 3/16 | 3 1/4     | 4 3/4    | 2                | 21.4               | A    | 2082A17     | 1 3/16       | 14.1               |
| 18        | 12.540           | 11.518         | 2082B18     | B    | 1 3/16 | 3 1/4     | 4 3/4    | 2                | 22.9               | A    | 2082A18     | 1 3/16       | 15.4               |
| 19        | 13.190           | 12.151         | 2082B19     | B    | 1 3/16 | 3 1/4     | 4 3/4    | 2                | 24.4               | A    | 2082A19     | 1 3/16       | 18.0               |
| 20        | 13.830           | 12.785         | 2082B20     | B    | 1 3/16 | 3 1/4     | 4 3/4    | 2                | 26.7               | A    | 2082A20     | 1 3/16       | 19.2               |
| 21        | 14.470           | 13.419         | 2082B21     | B    | 1 1/4  | 3 1/4     | 4 3/4    | 2                | 28.4               | A    | 2082A21     | 1 1/4        | 20.8               |
| 22        | 15.110           | 14.053         | 2082B22     | B    | 1 1/4  | 3 1/4     | 4 3/4    | 2                | 30.8               | A    | 2082A22     | 1 1/4        | 23.7               |
| 23        | 15.750           | 14.688         | 2082B23     | B    | 1 1/4  | 3 1/4     | 4 3/4    | 2                | 32.2               | A    | 2082A23     | 1 1/4        | 24.9               |
| 24        | 16.390           | 15.323         | 2082B24     | B    | 1 1/4  | 3 1/4     | 4 3/4    | 2                | 34.9               | A    | 2082A24     | 1 1/4        | 27.6               |
| 25        | 17.030           | 15.958         | 2082B25     | B    | 1 1/4  | 3 1/4     | 4 3/4    | 2                | 37.8               | A    | 2082A25     | 1 1/4        | 30.2               |
| 26        | 17.670           | 16.593         | 2082B26     | B    | 1 1/4  | 3 1/2     | 5 1/4    | 2                | 41.5               | A    | 2082A26     | 1 1/4        | 32.8               |
| 28        | 18.950           | 17.863         | 2082B28     | B    | 1 1/4  | 3 1/2     | 5 1/4    | 2                | 47.7               | A    | 2082A28     | 1 1/4        | 38.6               |
| 30        | 20.230           | 19.134         | 2082B30     | B    | 1 1/4  | 4 1/2     | 5 1/4    | 2                | 54.5               | A    | 2082A30     | 1 1/4        | 43.8               |





TYPE B

Single - Type B

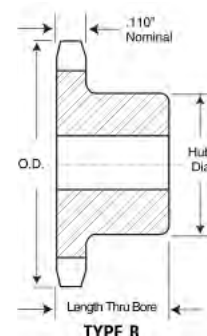
Single - Type A

| No. Teeth | Port Number | Outside Diameter | Type | Bore          |                 | Hub             |                  | Wt. Lbs.<br>(Approx.) | Type | Port Number | Stock Bore    | Weight Lbs.<br>(Approx.) |
|-----------|-------------|------------------|------|---------------|-----------------|-----------------|------------------|-----------------------|------|-------------|---------------|--------------------------|
|           |             |                  |      | Stock         | Rec. Max        | Diameter        | Length Thru Bore |                       |      |             |               |                          |
| 9         | 25B9H       | 0.837            | B    | $\frac{1}{4}$ | $\frac{1}{4}$   | $\frac{7}{16}$  | $\frac{1}{2}$    | 0.03                  | —    | —           | —             | —                        |
| 10        | 25B10H      | 0.919            | B    | $\frac{1}{4}$ | $\frac{1}{4}$   | $\frac{1}{2}$   | $\frac{1}{2}$    | 0.03                  | —    | —           | —             | —                        |
| 11        | 25B11H      | 1.002            | B    | $\frac{1}{4}$ | $\frac{5}{16}$  | $\frac{9}{16}$  | $\frac{1}{2}$    | 0.04                  | —    | —           | —             | —                        |
| 12        | 25B12H      | 1.083            | B    | $\frac{1}{4}$ | $\frac{3}{8}$   | $\frac{5}{8}$   | $\frac{1}{2}$    | 0.06                  | —    | —           | —             | —                        |
| 13        | 25B13H      | 1.167            | B    | $\frac{1}{4}$ | $\frac{7}{16}$  | $2\frac{3}{32}$ | $\frac{1}{2}$    | 0.07                  | —    | —           | —             | —                        |
| 14        | 25B14H      | 1.246            | B    | $\frac{1}{4}$ | $\frac{9}{16}$  | $1\frac{3}{16}$ | $\frac{1}{2}$    | 0.08                  | —    | —           | —             | —                        |
| 15        | 25B15H      | 1.326            | B    | $\frac{1}{4}$ | $\frac{9}{16}$  | $5\frac{7}{64}$ | $\frac{1}{2}$    | 0.10                  | —    | —           | —             | —                        |
| 16        | 25B16H      | 1.407            | B    | $\frac{1}{4}$ | $\frac{9}{16}$  | $3\frac{1}{32}$ | $\frac{1}{2}$    | 0.12                  | —    | —           | —             | —                        |
| 17        | 25B17H      | 1.487            | B    | $\frac{1}{4}$ | $\frac{5}{8}$   | $1\frac{1}{32}$ | $\frac{1}{2}$    | 0.14                  | —    | —           | —             | —                        |
| 18        | 25B18H      | 1.568            | B    | $\frac{1}{4}$ | $\frac{3}{4}$   | $1\frac{1}{8}$  | $\frac{1}{2}$    | 0.16                  | A    | 25A18       | $\frac{1}{4}$ | 0.04                     |
| 19        | 25B19H      | 1.648            | B    | $\frac{1}{4}$ | $1\frac{1}{16}$ | $1\frac{7}{32}$ | $\frac{1}{2}$    | 0.19                  | A    | 25A19       | $\frac{1}{4}$ | 0.04                     |
| 20        | 25B20H      | 1.729            | B    | $\frac{1}{4}$ | $\frac{7}{8}$   | $1\frac{9}{32}$ | $\frac{5}{8}$    | 0.25                  | A    | 25A20       | $\frac{1}{4}$ | 0.04                     |
| 21        | 25B21H      | 1.809            | B    | $\frac{1}{4}$ | $\frac{7}{8}$   | $1\frac{3}{8}$  | $\frac{5}{8}$    | 0.28                  | A    | 25A21       | $\frac{3}{8}$ | 0.04                     |
| 22        | 25B22H      | 1.889            | B    | $\frac{1}{4}$ | $1\frac{1}{16}$ | $1\frac{7}{16}$ | $\frac{5}{8}$    | 0.31                  | A    | 25A22       | $\frac{3}{8}$ | 0.06                     |
| 23        | 25B23H      | 1.969            | B    | $\frac{1}{4}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.32                  | A    | 25A23       | $\frac{3}{8}$ | 0.06                     |
| 24        | 25B24H      | 2.049            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.33                  | A    | 25A24       | $\frac{3}{8}$ | 0.08                     |
| 25        | 25B25H      | 2.129            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.34                  | A    | 25A25       | $\frac{3}{8}$ | 0.08                     |
| 26        | 25B26H      | 2.209            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.35                  | A    | 25A26       | $\frac{3}{8}$ | 0.09                     |
| 28        | 25B28H      | 2.369            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.36                  | A    | 25A28       | $\frac{3}{8}$ | 0.10                     |
| 30        | 25B30H      | 2.529            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.38                  | A    | 25A30       | $\frac{3}{8}$ | 0.12                     |
| 32        | 25B32H      | 2.688            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.40                  | A    | 25A32       | $\frac{3}{8}$ | 0.14                     |
| 35        | —           | 2.928            | —    | —             | —               | —               | —                | —                     | A    | 25A35       | $\frac{3}{8}$ | 0.16                     |
| 36        | 25B36H      | 3.008            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{3}{4}$    | 0.50                  | A    | 25A36       | $\frac{3}{8}$ | 0.18                     |
| 40        | 25B40H      | 3.327            | B    | $\frac{1}{2}$ | $1\frac{1}{8}$  | 2               | $\frac{3}{4}$    | 0.53                  | A    | 25A40       | $\frac{1}{2}$ | 0.20                     |
| 42        | —           | 3.486            | —    | —             | —               | —               | —                | —                     | A    | 25A42       | $\frac{1}{2}$ | 0.24                     |
| 45        | 25B45H      | 3.725            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 0.56                  | A    | 25A45       | $\frac{1}{2}$ | 0.25                     |
| 48        | 25B48H      | 3.964            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 0.56                  | A    | 25A48       | $\frac{1}{2}$ | 0.32                     |
| 54        | 25B54H      | 4.442            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 1.00                  | A    | 25A54       | $\frac{1}{2}$ | 0.38                     |
| 60        | 25B60H      | 4.920            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 1.10                  | A    | 25A60       | $\frac{1}{2}$ | 0.54                     |
| 70        | 25B70H      | 5.717            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 1.25                  | —    | —           | —             | —                        |
| 72        | 25B72H      | 5.876            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 1.30                  | A    | 25A72       | $\frac{1}{2}$ | 0.74                     |



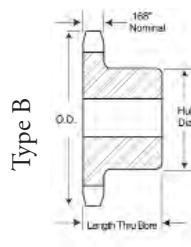
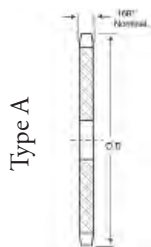
# No.25 $\frac{1}{4}$ " Pitch Stainless Steel Stock Sprockets

# TOLTEC INCORPORATED



## Single - Type B — Stainless

| No. Teeth | Part Number | Outside Diameter | Type | Bore          |                 | Hub             |                  | Wt. Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------------|-----------------|------------------|--------------------|
|           |             |                  |      | Stock         | Rec. Max        | Diameter        | Length Thru Bore |                    |
| 9         | 25B9SS      | 0.837            | B    | $\frac{1}{4}$ | $\frac{1}{4}$   | $\frac{7}{16}$  | $\frac{1}{2}$    | 0.03               |
| 10        | 25B10SS     | 0.919            | B    | $\frac{1}{4}$ | $\frac{1}{4}$   | $\frac{1}{2}$   | $\frac{1}{2}$    | 0.03               |
| 11        | 25B11SS     | 1.001            | B    | $\frac{1}{4}$ | $\frac{5}{16}$  | $\frac{9}{16}$  | $\frac{1}{2}$    | 0.03               |
| 12        | 25B12SS     | 1.083            | B    | $\frac{1}{4}$ | $\frac{3}{8}$   | $\frac{5}{8}$   | $\frac{1}{2}$    | 0.06               |
| 13        | 25B13SS     | 1.164            | B    | $\frac{1}{4}$ | $\frac{7}{16}$  | $2\frac{3}{32}$ | $\frac{1}{2}$    | 0.07               |
| 14        | 25B14SS     | 1.245            | B    | $\frac{1}{4}$ | $\frac{9}{16}$  | $1\frac{3}{16}$ | $\frac{1}{2}$    | 0.08               |
| 15        | 25B15SS     | 1.326            | B    | $\frac{1}{4}$ | $\frac{9}{16}$  | $5\frac{7}{64}$ | $\frac{1}{2}$    | 0.10               |
| 16        | 25B16SS     | 1.407            | B    | $\frac{1}{4}$ | $\frac{9}{16}$  | $3\frac{1}{32}$ | $\frac{1}{2}$    | 0.12               |
| 17        | 25B17SS     | 1.487            | B    | $\frac{1}{4}$ | $\frac{5}{8}$   | $1\frac{1}{32}$ | $\frac{1}{2}$    | 0.14               |
| 18        | 25B18SS     | 1.568            | B    | $\frac{1}{4}$ | $\frac{3}{4}$   | $1\frac{1}{8}$  | $\frac{1}{2}$    | 0.16               |
| 19        | 25B19SS     | 1.648            | B    | $\frac{1}{4}$ | $1\frac{3}{16}$ | $1\frac{7}{32}$ | $\frac{1}{2}$    | 0.19               |
| 20        | 25B20SS     | 1.728            | B    | $\frac{1}{4}$ | $\frac{7}{8}$   | $1\frac{9}{32}$ | $\frac{5}{8}$    | 0.25               |
| 21        | 25B21SS     | 1.809            | B    | $\frac{1}{4}$ | $\frac{7}{8}$   | $1\frac{3}{8}$  | $\frac{5}{8}$    | 0.28               |
| 22        | 25B22SS     | 1.889            | B    | $\frac{1}{4}$ | $1\frac{5}{16}$ | $1\frac{7}{16}$ | $\frac{5}{8}$    | 0.31               |
| 23        | 25B23SS     | 1.969            | B    | $\frac{1}{4}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.32               |
| 24        | 25B24SS     | 2.049            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.33               |
| 25        | 25B25SS     | 2.129            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.34               |
| 26        | 25B26SS     | 2.209            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.35               |
| 28        | 25B28SS     | 2.369            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.36               |
| 30        | 25B30SS     | 2.529            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.38               |
| 32        | 25B32SS     | 2.688            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{5}{8}$    | 0.40               |
| 35        | 25B35SS     | 2.928            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{3}{4}$    | 0.48               |
| 36        | 25B36SS     | 3.008            | B    | $\frac{3}{8}$ | 1               | $1\frac{1}{2}$  | $\frac{3}{4}$    | 0.50               |
| 40        | 25B40SS     | 3.327            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 0.53               |
| 45        | 25B45SS     | 3.725            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 0.56               |
| 60        | 25B60SS     | 4.920            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 1.10               |
| 48        | 25B48       | 3.964            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 0.56               |
| 54        | 25B54       | 4.442            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 1.00               |
| 60        | 25B60       | 4.920            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 1.10               |
| 70        | 25B70       | 5.717            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 1.25               |
| 72        | 25B72       | 5.876            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2               | $\frac{3}{4}$    | 1.30               |



\* Has recessed groove in hub for chain clearance.

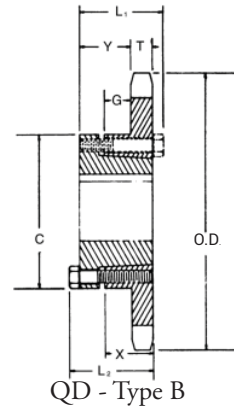
Single - Type B — Steel

Single - Type A

| No. Teeth | Port Number | Outside Diameter | Type | Bore          |                 | Hub               |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore      | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------------|-------------------|------------------|--------------------|------|-------------|-----------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max        | Diameter          | Length Thru Bore |                    |      |             |                 |                       |
| 8         | 35B8H       | 1.130            | B    | $\frac{3}{8}$ | $\frac{3}{8}$   | $\frac{3}{4}$ *   | $\frac{3}{4}$    | 0.07               | —    | —           | —               | —                     |
| 9         | 35B9H       | 1.260            | B    | $\frac{3}{8}$ | $\frac{3}{8}$   | $\frac{27}{32}$ * | $\frac{3}{4}$    | 0.09               | —    | —           | —               | —                     |
| 10        | 35B10H      | 1.380            | B    | $\frac{3}{8}$ | $\frac{9}{16}$  | $\frac{31}{32}$ * | $\frac{3}{4}$    | 0.14               | —    | —           | —               | —                     |
| 11        | 35B11H      | 1.500            | B    | $\frac{3}{8}$ | $\frac{9}{16}$  | $1\frac{1}{16}$ * | $\frac{3}{4}$    | 0.17               | —    | —           | —               | —                     |
| 12        | 35B12H      | 1.630            | B    | $\frac{1}{2}$ | $\frac{9}{16}$  | $1\frac{7}{32}$ * | $\frac{3}{4}$    | 0.20               | —    | —           | —               | —                     |
| 13        | 35B13H      | 1.750            | B    | $\frac{1}{2}$ | $1\frac{1}{16}$ | $1\frac{1}{4}$ *  | $\frac{3}{4}$    | 0.23               | —    | —           | —               | —                     |
| 14        | 35B14H      | 1.870            | B    | $\frac{1}{2}$ | $\frac{7}{8}$   | $1\frac{1}{4}$    | $\frac{3}{4}$    | 0.25               | —    | —           | —               | —                     |
| 15        | 35B15H      | 1.990            | B    | $\frac{1}{2}$ | $\frac{7}{8}$   | $1\frac{11}{32}$  | $\frac{3}{4}$    | 0.29               | A    | 35A15       | $\frac{1}{2}$   | 0.10                  |
| 16        | 35B16H      | 2.110            | B    | $\frac{1}{2}$ | $1\frac{5}{16}$ | $1\frac{15}{32}$  | $\frac{3}{4}$    | 0.35               | A    | 35A16       | $\frac{1}{2}$   | 0.12                  |
| 17        | 35B17H      | 2.230            | B    | $\frac{1}{2}$ | $1\frac{1}{16}$ | $1\frac{19}{32}$  | $\frac{3}{4}$    | 0.42               | A    | 35A17       | $\frac{1}{2}$   | 0.12                  |
| 18        | 35B18H      | 2.350            | B    | $\frac{1}{2}$ | $1\frac{3}{16}$ | $1\frac{23}{32}$  | $\frac{3}{4}$    | 0.48               | A    | 35A18       | $\frac{1}{2}$   | 0.14                  |
| 19        | 35B19H      | 2.470            | B    | $\frac{1}{2}$ | $1\frac{1}{4}$  | $1\frac{27}{32}$  | $\frac{3}{4}$    | 0.54               | A    | 35A19       | $\frac{1}{2}$   | 0.16                  |
| 20        | 35B20H      | 2.590            | B    | $\frac{1}{2}$ | $1\frac{3}{16}$ | $1\frac{31}{16}$  | $\frac{3}{4}$    | 0.59               | A    | 35A20       | $\frac{1}{2}$   | 0.20                  |
| 21        | 35B21H      | 2.710            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.80               | A    | 35A21       | $\frac{1}{2}$   | 0.20                  |
| 22        | 35B22H      | 2.830            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.80               | A    | 35A22       | $\frac{1}{2}$   | 0.22                  |
| 23        | 35B23H      | 2.950            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.82               | A    | 35A23       | $\frac{1}{2}$   | 0.24                  |
| 24        | 35B24H      | 3.070            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.88               | A    | 35A24       | $\frac{1}{2}$   | 0.26                  |
| 25        | 35B25H      | 3.190            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.88               | A    | 35A25       | $\frac{1}{2}$   | 0.28                  |
| 26        | 35B26H      | 3.310            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.90               | A    | 35A26       | $\frac{1}{2}$   | 0.28                  |
| 27        | 35B27H      | 3.430            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.94               | A    | 35A27       | $\frac{1}{2}$   | 0.34                  |
| 28        | 35B28H      | 3.550            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.94               | A    | 35A28       | $\frac{1}{2}$   | 0.34                  |
| 30        | 35B30H      | 3.790            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 1.02               | A    | 35A30       | $\frac{1}{2}$   | 0.46                  |
| 32        | 35B32H      | 4.030            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 1.24               | A    | 35A32       | $\frac{5}{8}$   | 0.46                  |
| 35        | 35B35H      | 4.390            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | $\frac{7}{8}$    | 1.50               | A    | 35A35       | $\frac{5}{8}$   | 0.60                  |
| 36        | 35B36H      | 4.510            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | $\frac{7}{8}$    | 1.56               | A    | 35A36       | $\frac{5}{8}$   | 0.62                  |
| 40        | 35B40H      | 4.990            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 1.62               | A    | 35A40       | $1\frac{9}{32}$ | 0.70                  |
| 42        | 35B42H      | 5.230            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 1.68               | A    | 35A42       | $1\frac{9}{32}$ | 0.78                  |
| 45        | 35B45H      | 5.590            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 1.78               | A    | 35A45       | $1\frac{9}{32}$ | 0.88                  |
| 48        | 35B48H      | 5.950            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 1.88               | A    | 35A48       | $1\frac{9}{32}$ | 1.21                  |
| 54        | 35B54H      | 6.660            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 2.20               | A    | 35A54       | $1\frac{9}{32}$ | 1.32                  |
| 60        | 35B60H      | 7.380            | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 2.48               | A    | 35A60       | $2\frac{3}{32}$ | 1.66                  |
| 70        | 35B70H      | 8.580            | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 3.12               | A    | 35A70       | $2\frac{3}{32}$ | 2.30                  |
| 72        | 35B72H      | 8.810            | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 3.42               | A    | 35A72       | $2\frac{3}{32}$ | 2.56                  |
| 80        | 35B80H      | 9.770            | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 3.82               | A    | 35A80       | $2\frac{3}{32}$ | 3.16                  |
| 84        | 35B84H      | 10.250           | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 4.24               | A    | 35A84       | $2\frac{3}{32}$ | 3.26                  |
| 96        | 35B96H      | 11.680           | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 5.16               | A    | 35A96       | $2\frac{3}{32}$ | 4.64                  |
| 112       | 35B112H     | 13.590           | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 6.70               | A    | 35A112      | $2\frac{3}{32}$ | 5.05                  |

# No.35 $\frac{3}{8}$ " Pitch All Steel Stock Sprockets

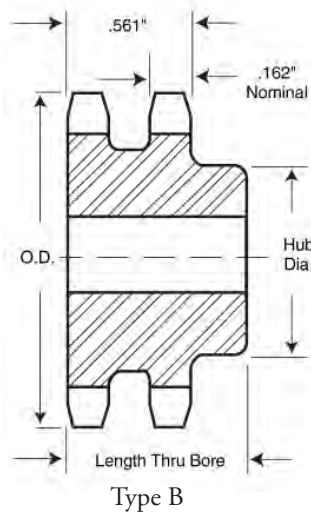
# TOLTEC INCORPORATED



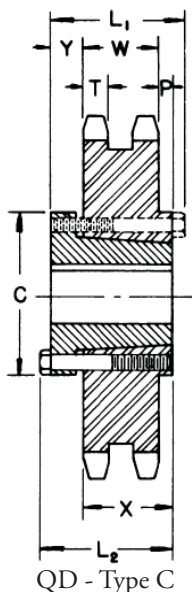
## Single - Type B QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions |       |        |       |       |       |       |          | Weight Lbs. (Approx.) |  |
|-----------|-------------|---------|------------------|----------------|------|-----------|------------|-------|--------|-------|-------|-------|-------|----------|-----------------------|--|
|           |             |         | Outside Diameter | Pitch Diameter |      |           | L1         | L2    | C      | Y     | G     | X     | T     | With Hub | Rim Only              |  |
| 19        | 35JA19H     | JA      | 2.470            | 2.278          | B    | 1¼        | 1⅝         | 1⅝    | 2⅛     | 53⁄64 | 29⁄64 | ⅝     | 0.168 | 1.18     | 0.28                  |  |
| 20        | 35JA20H     | JA      | 2.590            | 2.397          | B    | 1¼        | 1⅝         | 1⅝    | 2⅛     | 53⁄64 | 29⁄64 | ⅝     | 0.168 | 1.22     | 0.32                  |  |
| 21        | 35JA21H     | JA      | 2.710            | 2.516          | B    | 1¼        | 1⅝         | 1⅝    | 2⅛     | 53⁄64 | 29⁄64 | ⅝     | 0.168 | 1.24     | 0.34                  |  |
| 22        | 35JA22H     | JA      | 2.830            | 2.635          | B    | 1¼        | 1⅝         | 1⅝    | 2⅛     | 53⁄64 | 29⁄64 | ⅝     | 0.168 | 1.26     | 0.36                  |  |
| 23        | 35JA23H     | JA      | 2.950            | 2.754          | B    | 1¼        | 1⅝         | 1⅝    | 2⅛     | 53⁄64 | 29⁄64 | ⅝     | 0.168 | 1.28     | 0.38                  |  |
| 24        | 35JA24H     | JA      | 3.070            | 3.873          | B    | 1¼        | 1⅝         | 1⅝    | 2⅛     | 53⁄64 | 29⁄64 | ⅝     | 0.168 | 1.30     | 0.40                  |  |
| 25        | 35JA25H     | JA      | 3.190            | 2.992          | B    | 1¼        | 1⅝         | 1⅝    | 2⅛     | 53⁄64 | 29⁄64 | ⅝     | 0.168 | 1.34     | 0.44                  |  |
| 26        | 35JA26H     | JA      | 3.310            | 3.111          | B    | 1¼        | 1⅝         | 1⅝    | 2⅛     | 53⁄64 | 29⁄64 | ⅝     | 0.168 | 1.36     | 0.46                  |  |
| 27        | 35JA27H     | JA      | 3.430            | 3.230          | B    | 1¼        | 1⅝         | 1⅝    | 2⅛     | 53⁄64 | 29⁄64 | ⅝     | 0.168 | 1.38     | 0.48                  |  |
| 28        | 35JA28H     | JA      | 3.550            | 3.349          | B    | 1¼        | 1⅝         | 1⅝    | 2⅛     | 53⁄64 | 29⁄64 | ⅝     | 0.168 | 1.42     | 0.52                  |  |
| 30        | 35JA30H     | JA      | 3.790            | 3.588          | B    | 1¼        | 1⅝         | 1⅝    | 2⅛     | 53⁄64 | 29⁄64 | ⅝     | 0.168 | 1.46     | 0.56                  |  |
| 32        | 35JA32H     | JA      | 4.030            | 3.826          | B    | 1¼        | 1⅝         | 1⅝    | 2⅛     | 53⁄64 | 29⁄64 | ⅝     | 0.168 | 1.68     | 0.78                  |  |
| 35        | 35JA35H     | JA      | 4.390            | 4.183          | B    | 1¼        | 1⅝         | 1⅝    | 2⅛     | 53⁄64 | 29⁄64 | ⅝     | 0.168 | 1.94     | 1.04                  |  |
| 36        | 35SH36H     | SH      | 4.510            | 4.303          | B    | 1⅝        | 17⁄16      | 17⁄16 | 211⁄16 | 1⅜    | 41⁄64 | 13⁄16 | 0.168 | 2.06     | 1.06                  |  |
| 40        | 35SH40H     | SH      | 4.990            | 4.780          | B    | 1⅝        | 17⁄16      | 17⁄16 | 211⁄16 | 1⅜    | 41⁄64 | 13⁄16 | 0.168 | 2.18     | 1.18                  |  |
| 42        | 35SH42H     | SH      | 5.230            | 5.018          | B    | 1⅝        | 17⁄16      | 17⁄16 | 211⁄16 | 1⅜    | 41⁄64 | 13⁄16 | 0.168 | 2.26     | 1.26                  |  |
| 45        | 35SH45H     | SH      | 5.590            | 5.376          | B    | 1⅝        | 17⁄16      | 17⁄16 | 211⁄16 | 1⅜    | 41⁄64 | 13⁄16 | 0.168 | 2.40     | 1.40                  |  |
| 48        | 35SH48H     | SH      | 5.950            | 5.734          | B    | 1⅝        | 17⁄16      | 17⁄16 | 211⁄16 | 1⅜    | 41⁄64 | 13⁄16 | 0.168 | 2.58     | 1.58                  |  |
| 54        | 35SH54H     | SH      | 6.660            | 6.449          | B    | 1⅝        | 17⁄16      | 17⁄16 | 211⁄16 | 1⅜    | 41⁄64 | 13⁄16 | 0.168 | 2.88     | 1.88                  |  |
| 60        | 35SH60H     | SH      | 7.380            | 7.165          | B    | 1⅝        | 17⁄16      | 17⁄16 | 211⁄16 | 1⅜    | 41⁄64 | 13⁄16 | 0.168 | 3.28     | 2.28                  |  |
| 70        | 35SH70H     | SH      | 8.580            | 8.358          | B    | 1⅝        | 17⁄16      | 17⁄16 | 211⁄16 | 1⅜    | 41⁄64 | 13⁄16 | 0.168 | 3.94     | 2.94                  |  |
| 72        | 35SH72H     | SH      | 8.810            | 8.597          | B    | 1⅝        | 17⁄16      | 17⁄16 | 211⁄16 | 1⅜    | 41⁄64 | 13⁄16 | 0.168 | 4.14     | 3.14                  |  |
| 80        | 35SH80H     | SH      | 9.770            | 9.552          | B    | 1⅝        | 17⁄16      | 17⁄16 | 211⁄16 | 1⅜    | 41⁄64 | 13⁄16 | 0.168 | 4.68     | 3.68                  |  |
| 84        | 35SH84H     | SH      | 10.250           | 10.029         | B    | 1⅝        | 17⁄16      | 17⁄16 | 211⁄16 | 1⅜    | 41⁄64 | 13⁄16 | 0.168 | 4.86     | 3.96                  |  |
| 96        | 35SH96H     | SH      | 11.680           | 11.461         | B    | 1⅝        | 17⁄16      | 17⁄16 | 211⁄16 | 1⅜    | 41⁄64 | 13⁄16 | 0.168 | 6.38     | 5.38                  |  |
| 112       | 35SH112H    | SH      | 13.590           | 13.371         | B    | 1⅝        | 17⁄16      | 17⁄16 | 211⁄16 | 1⅜    | 41⁄64 | 13⁄16 | 0.168 | 7.60     | 6.60                  |  |

### Double - Type B



| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches) |                 | Hub (inches)     |                | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------------|------------------|----------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max.       | Diameter         | Rec. Max.      |                       |
| 12        | D35B12H     | 1.630            | B    | $\frac{1}{2}$ | $\frac{9}{16}$  | $\frac{63}{64}$  | $1\frac{1}{4}$ | 0.32                  |
| 13        | D35B13H     | 1.750            | B    | $\frac{1}{2}$ | $1\frac{1}{16}$ | $1\frac{1}{4}$   | $1\frac{1}{4}$ | 0.36                  |
| 14        | D35B14H     | 1.870            | B    | $\frac{1}{2}$ | $\frac{7}{8}$   | $1\frac{1}{4}$   | $1\frac{1}{4}$ | 0.44                  |
| 15        | D35B15H     | 1.990            | B    | $\frac{1}{2}$ | $1\frac{5}{16}$ | $1\frac{13}{32}$ | $1\frac{1}{4}$ | 0.56                  |
| 16        | D35B16H     | 2.110            | B    | $\frac{1}{2}$ | $1\frac{5}{16}$ | $1\frac{13}{32}$ | $1\frac{1}{4}$ | 0.64                  |
| 17        | D35B17H     | 2.230            | B    | $\frac{1}{2}$ | $1\frac{1}{16}$ | $1\frac{19}{32}$ | $1\frac{1}{4}$ | 0.74                  |
| 18        | D35B18H     | 2.350            | B    | $\frac{1}{2}$ | $1\frac{3}{16}$ | $1\frac{23}{32}$ | $1\frac{1}{4}$ | 0.84                  |
| 19        | D35B19H     | 2.470            | B    | $\frac{1}{2}$ | $1\frac{3}{16}$ | $1\frac{7}{8}$   | $1\frac{1}{4}$ | 0.96                  |
| 20        | D35B20H     | 2.590            | B    | $\frac{3}{4}$ | $1\frac{3}{16}$ | $1\frac{15}{16}$ | $1\frac{3}{8}$ | 1.08                  |
| 21        | D35B21H     | 2.710            | B    | $\frac{3}{4}$ | $1\frac{3}{8}$  | $2\frac{1}{16}$  | $1\frac{3}{8}$ | 1.24                  |
| 22        | D35B22H     | 2.830            | B    | $\frac{3}{4}$ | $1\frac{7}{16}$ | $2\frac{1}{16}$  | $1\frac{3}{8}$ | 1.42                  |
| 23        | D35B23H     | 2.950            | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$   | $1\frac{3}{8}$ | 1.54                  |
| 24        | D35B24H     | 3.070            | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$   | $1\frac{3}{8}$ | 1.62                  |
| 25        | D35B25H     | 3.190            | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$   | $1\frac{3}{8}$ | 1.66                  |
| 26        | D35B26H     | 3.310            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$  | $2\frac{1}{2}$   | $1\frac{3}{8}$ | 1.98                  |
| 30        | D35B30H     | 3.790            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$  | $2\frac{1}{2}$   | $1\frac{3}{8}$ | 2.34                  |
| 36        | D35B36H     | 4.510            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$  | $2\frac{1}{2}$   | $1\frac{3}{8}$ | 3.00                  |
| 42        | D35B42H     | 5.230            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$  | $2\frac{1}{2}$   | $1\frac{3}{8}$ | 3.80                  |
| 48        | D35B48H     | 5.950            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$  | $2\frac{1}{2}$   | $1\frac{3}{8}$ | 4.66                  |
| 52        | D35B52H     | 6.430            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$  | $2\frac{1}{2}$   | $1\frac{3}{8}$ | 5.40                  |
| 60        | D35B60H     | 7.380            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$  | $2\frac{1}{2}$   | $1\frac{3}{8}$ | 6.84                  |
| 68        | D35B68H     | 8.340            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | $3\frac{1}{2}$   | $1\frac{1}{2}$ | 10.01                 |
| 72        | D35B72H     | 8.810            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | $3\frac{1}{2}$   | $1\frac{1}{2}$ | 11.04                 |
| 76        | D35B76H     | 9.290            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | $3\frac{1}{2}$   | $1\frac{1}{2}$ | 11.94                 |
| 84        | D35B84H     | 10.250           | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | $3\frac{1}{2}$   | $1\frac{1}{2}$ | 14.98                 |
| 95        | D35B95H     | 11.560           | B    | 1             | $2\frac{3}{8}$  | $3\frac{1}{2}$   | $1\frac{1}{2}$ | 17.42                 |
| 96        | D35B96H     | 11.680           | B    | 1             | $2\frac{3}{8}$  | $3\frac{1}{2}$   | $1\frac{1}{2}$ | 18.14                 |
| 102       | D35B102H    | 12.400           | B    | 1             | $2\frac{3}{8}$  | $3\frac{1}{2}$   | $1\frac{1}{2}$ | 19.92                 |



### Double - Type QD

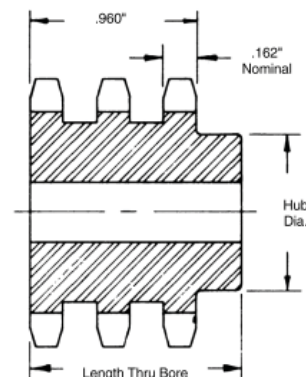
| No. Teeth | Port Num-ber | Bushing | Diameters        |                | Type | Max. Bore | Dimensions |    |    |   |    |    |       |       |          | Weight Lbs. (Approx.) |  |
|-----------|--------------|---------|------------------|----------------|------|-----------|------------|----|----|---|----|----|-------|-------|----------|-----------------------|--|
|           |              |         | Outside Diameter | Pitch Diameter |      |           | L1         | L2 | C  | Y | P  | X  | T     | W     | With Hub | Rim Only              |  |
| 68        | T35SDS68     | SDS     | 8.340            | 8.120          | C    | 2         | 1½         | 1½ | 3⅜ | ⅞ | ⅜  | ¾  | 0.162 | 0.561 | 8.40     | 7.40                  |  |
| 72        | T35SDS72     | SDS     | 8.810            | 8.597          | C    | 2         | 1½         | 1½ | 3⅜ | ⅞ | ⅜  | ¾  | 0.162 | 0.561 | 9.28     | 8.28                  |  |
| 76        | T35SDS76     | SDS     | 9.290            | 9.074          | C    | 2         | 1½         | 1½ | 3⅜ | ⅞ | ⅜  | ¾  | 0.162 | 0.561 | 10.32    | 9.32                  |  |
| 84        | T35SK84      | SK      | 10.250           | 10.029         | C    | 2⅝        | 2⅝         | 2⅝ | 3⅞ | ⅞ | 1⅛ | 1¼ | 0.162 | 0.561 | 13.94    | 11.94                 |  |
| 95        | T35SK95      | SK      | 11.560           | 11.342         | C    | 2⅝        | 2⅝         | 2⅝ | 3⅞ | ⅞ | 1⅛ | 1¼ | 0.162 | 0.561 | 17.22    | 15.22                 |  |
| 96        | T35SK96      | SK      | 11.680           | 11.461         | C    | 2⅝        | 2⅝         | 2⅝ | 3⅞ | ⅞ | 1⅛ | 1¼ | 0.162 | 0.561 | 17.74    | 15.74                 |  |
| 102       | T35SK102     | SK      | 12.400           | 12.177         | C    | 2⅝        | 2⅝         | 2⅝ | 3⅞ | ⅞ | 1⅛ | 1¼ | 0.162 | 0.561 | 19.76    | 17.76                 |  |

# No.35-3 $\frac{3}{8}$ " Pitch All Steel Stock Sprockets

# TOLTEC INCORPORATED

## Triple - Type B

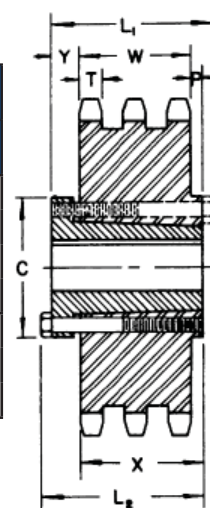
| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches) |                 | Hub (inches)    |                | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------------|-----------------|----------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max.       | Diameter        | Rec. Max.      |                       |
| 13        | T35B13H     | 1.750            | B    | $\frac{1}{2}$ | $1\frac{1}{16}$ | $1\frac{7}{64}$ | $1\frac{3}{4}$ | 0.50                  |
| 14        | T35B14H     | 1.870            | B    | $\frac{1}{2}$ | $\frac{7}{8}$   | $1\frac{1}{4}$  | $1\frac{3}{4}$ | 0.62                  |
| 15        | T35B15H     | 1.990            | B    | $\frac{1}{2}$ | $1\frac{3}{16}$ | 1.1332          | $1\frac{3}{4}$ | 0.78                  |
| 16        | T35B16H     | 2.110            | B    | $\frac{1}{2}$ | $1\frac{3}{16}$ | 1.1532          | $1\frac{3}{4}$ | 0.82                  |
| 17        | T35B17H     | 2.230            | B    | $\frac{1}{2}$ | $1\frac{1}{16}$ | 1.1932          | $1\frac{3}{4}$ | 1.04                  |
| 18        | T35B18H     | 2.350            | B    | $\frac{1}{2}$ | $1\frac{3}{16}$ | 1.2332          | $1\frac{3}{4}$ | 1.22                  |
| 19        | T35B19H     | 2.470            | B    | $\frac{1}{2}$ | $1\frac{3}{16}$ | 1.278           | $1\frac{3}{4}$ | 1.40                  |
| 20        | T35B20H     | 2.590            | B    | $\frac{3}{4}$ | $1\frac{3}{16}$ | 1.1516          | $1\frac{7}{8}$ | 1.50                  |
| 21        | T35B21H     | 2.710            | B    | $\frac{3}{4}$ | $1\frac{3}{8}$  | 2.116           | $1\frac{7}{8}$ | 1.72                  |
| 22        | T35B22H     | 2.830            | B    | $\frac{3}{4}$ | $1\frac{7}{16}$ | 2.316           | $1\frac{7}{8}$ | 1.96                  |
| 23        | T35B23H     | 2.950            | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | 2.14            | $1\frac{7}{8}$ | 2.12                  |
| 24        | T35B24H     | 3.070            | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | 2.14            | $1\frac{7}{8}$ | 2.26                  |
| 25        | T35B25H     | 3.190            | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | 2.14            | $1\frac{7}{8}$ | 2.42                  |
| 26        | T35B26H     | 3.310            | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | 2.12            | $1\frac{7}{8}$ | 2.78                  |
| 30        | T35B30H     | 3.790            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$  | 2.12            | $1\frac{7}{8}$ | 3.42                  |
| 36        | T35B36H     | 4.510            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$  | 2.12            | $1\frac{7}{8}$ | 4.52                  |
| 42        | T35B42H     | 5.230            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$  | 2.12            | $1\frac{7}{8}$ | 5.88                  |
| 48        | T35B48H     | 5.950            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$  | 2.12            | $1\frac{7}{8}$ | 7.42                  |
| 52        | T35B52H     | 6.430            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$  | 2.12            | $1\frac{7}{8}$ | 8.52                  |
| 60        | T35B60H     | 7.380            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$  | 2.12            | $1\frac{7}{8}$ | 11.22                 |
| 68        | T35B68H     | 8.340            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | 3.12            | $1\frac{7}{8}$ | 15.38                 |
| 72        | T35B72H     | 8.810            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | 3.12            | $1\frac{7}{8}$ | 17.34                 |
| 76        | T35B76H     | 9.290            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | 3.12            | $1\frac{7}{8}$ | 18.90                 |
| 84        | T35B84H     | 10.250           | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | 3.12            | $1\frac{7}{8}$ | 22.82                 |
| 95        | T35B95H     | 11.560           | B    | 1             | $2\frac{1}{2}$  | 3.34            | $2\frac{1}{8}$ | 29.32                 |
| 96        | T35B96H     | 11.680           | B    | 1             | $2\frac{1}{2}$  | 3.34            | $2\frac{1}{8}$ | 30.06                 |
| 102       | T35B102H    | 12.400           | B    | 1             | $2\frac{1}{2}$  | 3.34            | $2\frac{1}{8}$ | 33.36                 |



Type B

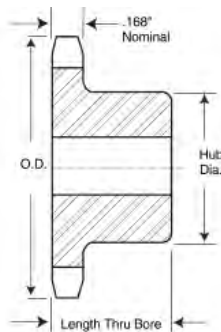
## Triple- Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions |       |        |      |        |       |       |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|-----------|------------|-------|--------|------|--------|-------|-------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |           | L1         | L2    | C      | Y    | G      | X     | T     | W     | With Hub              | Rim Only |
| 68        | T35SDS68    | SDS     | 8.340            | 8.120          | C    | 2         | 1.1/2      | 1.1/2 | 3.3/16 | 9/16 | 3/16   | 3/4   | 0.162 | 0.561 | 8.40                  | 7.40     |
| 72        | T35SDS72    | SDS     | 8.810            | 8.597          | C    | 2         | 1.1/2      | 1.1/2 | 3.3/16 | 9/16 | 3/16   | 3/4   | 0.162 | 0.561 | 9.28                  | 8.28     |
| 76        | T35SDS76    | SDS     | 9.290            | 9.074          | C    | 2         | 1.1/2      | 1.1/2 | 3.3/16 | 9/16 | 3/16   | 3/4   | 0.162 | 0.561 | 10.32                 | 9.32     |
| 84        | T35SK84     | SK      | 10.250           | 10.029         | C    | 2.3/8     | 2.1/8      | 2.1/8 | 3.7/8  | 5/8  | 1.1/16 | 1.1/4 | 0.162 | 0.561 | 13.94                 | 11.94    |
| 95        | T35SK95     | SK      | 11.560           | 11.342         | C    | 2.3/8     | 2.1/8      | 2.1/8 | 3.7/8  | 5/8  | 1.1/16 | 1.1/4 | 0.162 | 0.561 | 17.22                 | 15.22    |
| 96        | T35SK96     | SK      | 11.680           | 11.461         | C    | 2.3/8     | 2.1/8      | 2.1/8 | 3.7/8  | 5/8  | 1.1/16 | 1.1/4 | 0.162 | 0.561 | 17.74                 | 15.74    |
| 102       | T35SK102    | SK      | 12.400           | 12.177         | C    | 2.3/8     | 2.1/8      | 2.1/8 | 3.7/8  | 5/8  | 1.1/16 | 1.1/4 | 0.162 | 0.561 | 19.76                 | 17.76    |



QD - Type C





Type B

### Single - Type B — Stainless

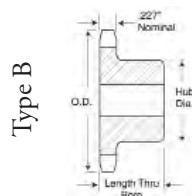
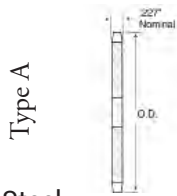
### Single - Type A

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches) |                 | Hub (inches)      |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore      | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------------|-------------------|------------------|--------------------|------|-------------|-----------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max        | Diameter          | Length Thru Bore |                    |      |             |                 |                       |
| 9         | 35B9SS      | 1.260            | B    | $\frac{3}{8}$ | $\frac{3}{8}$   | $2\frac{7}{32}$ * | $\frac{3}{4}$    | 0.10               | —    | —           | —               | —                     |
| 10        | 35B10SS     | 1.380            | B    | $\frac{3}{8}$ | $\frac{9}{16}$  | $3\frac{1}{32}$ * | $\frac{3}{4}$    | 0.15               | —    | —           | —               | —                     |
| 11        | 35B11SS     | 1.500            | B    | $\frac{3}{8}$ | $\frac{9}{16}$  | $1\frac{1}{16}$ * | $\frac{3}{4}$    | 0.20               | —    | —           | —               | —                     |
| 12        | 35B12SS     | 1.630            | B    | $\frac{1}{2}$ | $\frac{5}{8}$   | $1\frac{7}{32}$ * | $\frac{3}{4}$    | 0.22               | —    | —           | —               | —                     |
| 13        | 35B13SS     | 1.750            | B    | $\frac{1}{2}$ | $\frac{3}{4}$   | $1\frac{1}{4}$ *  | $\frac{3}{4}$    | 0.25               | —    | —           | —               | —                     |
| 14        | 35B14SS     | 1.870            | B    | $\frac{1}{2}$ | $\frac{7}{8}$   | $1\frac{1}{4}$    | $\frac{3}{4}$    | 0.26               | —    | —           | —               | —                     |
| 15        | 35B15SS     | 1.990            | B    | $\frac{1}{2}$ | $\frac{7}{8}$   | $1\frac{11}{32}$  | $\frac{3}{4}$    | 0.30               | —    | —           | —               | —                     |
| 16        | 35B16SS     | 2.110            | B    | $\frac{1}{2}$ | $1\frac{1}{16}$ | $1\frac{15}{32}$  | $\frac{3}{4}$    | 0.40               | —    | —           | —               | —                     |
| 17        | 35B17SS     | 2.230            | B    | $\frac{1}{2}$ | $1\frac{1}{16}$ | $1\frac{19}{32}$  | $\frac{3}{4}$    | 0.43               | —    | —           | —               | —                     |
| 18        | 35B18SS     | 2.350            | B    | $\frac{1}{2}$ | $1\frac{3}{16}$ | $1\frac{23}{32}$  | $\frac{3}{4}$    | 0.50               | —    | —           | —               | —                     |
| 19        | 35B19SS     | 2.470            | B    | $\frac{1}{2}$ | $1\frac{1}{4}$  | $1\frac{27}{32}$  | $\frac{3}{4}$    | 0.56               | —    | —           | —               | —                     |
| 20        | 35B20SS     | 2.590            | B    | $\frac{1}{2}$ | $1\frac{3}{16}$ | $1\frac{15}{16}$  | $\frac{3}{4}$    | 0.68               | —    | —           | —               | —                     |
| 21        | 35B21SS     | 2.710            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.80               | —    | —           | —               | —                     |
| 22        | 35B22SS     | 2.830            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.82               | —    | —           | —               | —                     |
| 23        | 35B23SS     | 2.950            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.87               | —    | —           | —               | —                     |
| 24        | 35B24SS     | 3.070            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.89               | —    | —           | —               | —                     |
| 25        | 35B25SS     | 3.190            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.91               | —    | —           | —               | —                     |
| 26        | 35B26SS     | 3.310            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.93               | —    | —           | —               | —                     |
| 28        | 35B28SS     | 3.550            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 1.00               | —    | —           | —               | —                     |
| 30        | 35B30SS     | 3.790            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 1.06               | —    | —           | —               | —                     |
| 32        | 35B32SS     | 4.032            | B    | $\frac{1}{2}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 1.24               | —    | —           | —               | —                     |
| 35        | 35B35SS     | 4.390            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | $\frac{7}{8}$    | 1.56               | —    | —           | —               | —                     |
| 36        | 35B36SS     | 4.551            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | $\frac{7}{8}$    | 1.60               | —    | —           | —               | —                     |
| 40        | 35B40SS     | 4.990            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 1.70               | A    | 35A40SS     | $1\frac{9}{32}$ | 1.04                  |
| 45        | 35B45SS     | 5.590            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 2.18               | A    | 35A45SS     | $1\frac{9}{32}$ | 1.26                  |
| 60        | 35B60SS     | 7.380            | B    | $\frac{3}{4}$ | $1\frac{1}{2}$  | $2\frac{1}{4}$    | 1                | 3.00               | A    | 35A60SS     | $2\frac{3}{32}$ | 2.10                  |

\* Has recessed groove in hub for chain clearance.

# No.41 1/2" Pitch All Steel Stock Sprockets

# TOLTEC INCORPORATED

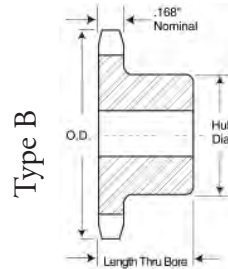
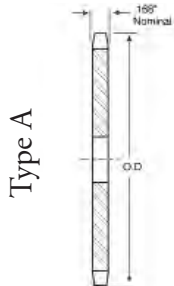


Single - Type B — Steel

Single - Type A

\* Has recessed groove in hub for chain clearance.

| No. Teeth | Part Number | Outside Diameter | Type | Bore  |          | Hub      |                  | Wt. Lbs. (Approx.) | Type | Part Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|-------|----------|----------|------------------|--------------------|------|-------------|------------|-----------------------|
|           |             |                  |      | Stock | Rec. Max | Diameter | Length Thru Bore |                    |      |             |            |                       |
| 6         | 41B6H       | 1.170            | B    | 3/8   | 3/8      | 2 1/32*  | 7/8              | 0.07               | —    | —           | —          | —                     |
| 7         | 41B7H       | 1.340            | B    | 3/8   | 3/8      | 3/4*     | 7/8              | 0.10               | —    | —           | —          | —                     |
| 8         | 41B8H       | 1.510            | B    | 1/2   | 1/2      | 6 3/64*  | 7/8              | 0.19               | —    | —           | —          | —                     |
| 9         | 41B9H       | 1.670            | B    | 1/2   | 5/8      | 1 1/8*   | 7/8              | 0.20               | —    | —           | —          | —                     |
| 10        | 41B10H      | 1.840            | B    | 1/2   | 3/4      | 1 1/4*   | 7/8              | 0.27               | —    | —           | —          | —                     |
| 11        | 41B11H      | 2.000            | B    | 1/2   | 7/8      | 1 7/16*  | 7/8              | 0.35               | —    | —           | —          | —                     |
| 12        | 41B12H      | 2.170            | B    | 1/2   | 1 5/16   | 1 9/16*  | 7/8              | 0.44               | —    | —           | —          | —                     |
| 13        | 41B13H      | 2.330            | B    | 1/2   | 1        | 1 9/16   | 7/8              | 0.50               | —    | —           | —          | —                     |
| 14        | 41B14H      | 2.490            | B    | 1/2   | 1 1/4    | 1 3/4    | 7/8              | 0.57               | —    | —           | —          | —                     |
| 15        | 41B15H      | 2.650            | B    | 1/2   | 1 5/16   | 1 29/32  | 7/8              | 0.72               | A    | 41A15       | 5/8        | 0.28                  |
| 16        | 41B16H      | 2.810            | B    | 5/8   | 1 3/8    | 2 1/16   | 7/8              | 0.91               | A    | 41A16       | 5/8        | 0.34                  |
| 17        | 41B17H      | 2.970            | B    | 5/8   | 1 1/2    | 2 15/64  | 1                | 1.09               | A    | 41A17       | 5/8        | 0.36                  |
| 18        | 41B18H      | 3.140            | B    | 5/8   | 1 5/8    | 2 3/8    | 1                | 1.25               | A    | 41A18       | 5/8        | 0.44                  |
| 19        | 41B19H      | 3.300            | B    | 5/8   | 1 3/4    | 2 15/32  | 1                | 1.49               | A    | 41A19       | 5/8        | 0.46                  |
| 20        | 41B20H      | 3.460            | B    | 5/8   | 1 7/8    | 2 3/4    | 1                | 1.64               | A    | 41A20       | 5/8        | 0.52                  |
| 21        | 41B21H      | 3.620            | B    | 5/8   | 1 7/8    | 2 7/8    | 1                | 1.81               | A    | 41A21       | 5/8        | 0.60                  |
| 22        | 41B22H      | 3.780            | B    | 5/8   | 2        | 3        | 1                | 1.93               | A    | 41A22       | 5/8        | 0.66                  |
| 23        | 41B23H      | 3.940            | B    | 5/8   | 2 1/4    | 3 3/16   | 1                | 2.25               | A    | 41A23       | 5/8        | 0.72                  |
| 24        | 41B24H      | 4.100            | B    | 5/8   | 2 1/4    | 3 1/4    | 1                | 2.33               | A    | 41A24       | 5/8        | 0.82                  |
| 25        | 41B25H      | 4.260            | B    | 5/8   | 2 1/4    | 3 1/4    | 1                | 2.46               | A    | 41A25       | 5/8        | 0.88                  |
| 26        | 41B26H      | 4.420            | B    | 5/8   | 2 1/4    | 3 1/4    | 1                | 2.50               | A    | 41A26       | 5/8        | 0.94                  |
| 27        | 41B27H      | 4.580            | B    | 5/8   | 2 1/4    | 3 1/4    | 1                | 2.56               | A    | 41A27       | 5/8        | 1.00                  |
| 28        | 41B28H      | 4.740            | B    | 5/8   | 2 1/4    | 3 1/4    | 1                | 2.64               | A    | 41A28       | 5/8        | 1.08                  |
| 30        | 41B30H      | 5.060            | B    | 5/8   | 2 1/4    | 3 1/4    | 1                | 2.80               | A    | 41A30       | 1 9/32     | 1.20                  |
| 32        | 41B32H      | 5.380            | B    | 5/8   | 2 1/4    | 3 1/4    | 1                | 2.96               | A    | 41A32       | 1 9/32     | 1.44                  |
| 35        | 41B35H      | 5.860            | B    | 5/8   | 2 3/8    | 3 1/4    | 1                | 3.12               | A    | 41A35       | 1 9/32     | 1.70                  |
| 36        | 41B36H      | 6.020            | B    | 5/8   | 2 3/8    | 3 1/4    | 1                | 3.32               | A    | 41A36       | 1 9/32     | 1.84                  |
| 40        | 41B40H      | 6.650            | B    | 3/4   | 2 3/8    | 3 1/4    | 1 1/16           | 4.06               | A    | 41A40       | 2 3/32     | 2.22                  |
| 42        | 41B42H      | 6.970            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/16           | 4.10               | A    | 41A42       | 2 3/32     | 2.50                  |
| 45        | 41B45H      | 7.450            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/16           | 4.18               | A    | 41A45       | 2 3/32     | 2.52                  |
| 48        | 41B48H      | 7.930            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/16           | 4.92               | A    | 41A48       | 2 3/32     | 2.92                  |
| 54        | 41B54H      | 8.880            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/16           | 5.68               | A    | 41A54       | 2 3/32     | 3.54                  |
| 60        | 41B60H      | 9.840            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/16           | 6.78               | A    | 41A60       | 2 3/32     | 4.60                  |
| 70        | 41B70H      | 11.430           | B    | 3/4   | 2 3/4    | 4        | 1 3/16           | 9.54               | A    | 41A70       | 2 3/32     | 6.22                  |
| 72        | 41B72H      | 11.750           | B    | 3/4   | 2 3/4    | 4        | 1 3/16           | 9.64               | A    | 41A72       | 2 3/32     | 6.32                  |
| 80        | 41B80H      | 13.030           | B    | 3/4   | 2 3/4    | 4        | 1 3/16           | 11.54              | A    | 41A80       | 2 3/32     | 8.46                  |
| 84        | 41B84H      | 13.660           | B    | 3/4   | 2 3/4    | 4        | 1 3/16           | 12.20              | A    | 41A84       | 2 3/32     | 9.12                  |
| 96        | 41B96H      | 15.570           | B    | 1     | 2 3/4    | 4        | 1 3/16           | 14.86              | A    | 41A96       | 1 5/16     | 11.84                 |
| 112       | 41B112H     | 18.120           | B    | 1     | 2 3/4    | 4        | 1 3/16           | 19.16              | A    | 41A112      | 1 5/16     | 15.84                 |



Single - Type B — Stainless

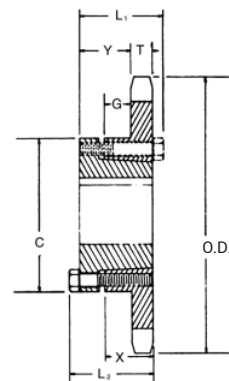
Single - Type A — Stainless

| No. Teeth | Port Number | Outside Diameter | Type | Bore          |                 | Hub               |                  | Wt. Lbs.<br>(Approx.) | Type | Port Number | Stock Bore | Weight Lbs.<br>(Approx.) |
|-----------|-------------|------------------|------|---------------|-----------------|-------------------|------------------|-----------------------|------|-------------|------------|--------------------------|
|           |             |                  |      | Stock         | Rec. Max        | Diameter          | Length Thru Bore |                       |      |             |            |                          |
| 9         | 41B9SS      | 1.670            | B    | $\frac{1}{2}$ | $\frac{5}{8}$   | $1\frac{1}{8}$ *  | $\frac{7}{8}$    | 0.20                  | —    | —           | —          | —                        |
| 10        | 41B10SS     | 1.840            | B    | $\frac{1}{2}$ | $\frac{3}{4}$   | $1\frac{1}{4}$ *  | $\frac{7}{8}$    | 0.27                  | —    | —           | —          | —                        |
| 11        | 41B11SS     | 2.000            | B    | $\frac{1}{2}$ | $\frac{7}{8}$   | $1\frac{7}{16}$ * | $\frac{7}{8}$    | 0.35                  | —    | —           | —          | —                        |
| 12        | 41B12SS     | 2.170            | B    | $\frac{1}{2}$ | $1\frac{5}{16}$ | $1\frac{9}{16}$ * | $\frac{7}{8}$    | 0.44                  | —    | —           | —          | —                        |
| 13        | 41B13SS     | 2.330            | B    | $\frac{1}{2}$ | 1               | $1\frac{9}{16}$   | $\frac{7}{8}$    | 0.50                  | —    | —           | —          | —                        |
| 14        | 41B14SS     | 2.490            | B    | $\frac{1}{2}$ | $1\frac{1}{4}$  | $1\frac{3}{4}$    | $\frac{7}{8}$    | 0.57                  | —    | —           | —          | —                        |
| 15        | 41B15SS     | 2.650            | B    | $\frac{1}{2}$ | $1\frac{5}{16}$ | $1\frac{29}{32}$  | $\frac{7}{8}$    | 0.72                  | —    | —           | —          | —                        |
| 16        | 41B16SS     | 2.810            | B    | $\frac{5}{8}$ | $1\frac{3}{8}$  | $2\frac{1}{16}$   | $\frac{7}{8}$    | 0.91                  | —    | —           | —          | —                        |
| 17        | 41B17SS     | 2.970            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{15}{64}$  | 1                | 1.09                  | —    | —           | —          | —                        |
| 18        | 41B18SS     | 3.140            | B    | $\frac{5}{8}$ | $1\frac{3}{8}$  | $2\frac{3}{8}$    | 1                | 1.25                  | —    | —           | —          | —                        |
| 19        | 41B19SS     | 3.300            | B    | $\frac{5}{8}$ | $1\frac{3}{4}$  | $2\frac{15}{32}$  | 1                | 1.49                  | —    | —           | —          | —                        |
| 20        | 41B20SS     | 3.460            | B    | $\frac{5}{8}$ | $1\frac{7}{8}$  | $2\frac{3}{4}$    | 1                | 1.64                  | —    | —           | —          | —                        |

\* Has recessed groove in hub for chain clearance.

# No.41 ½" Pitch All Steel Stock Sprockets

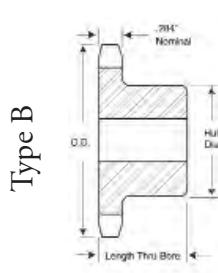
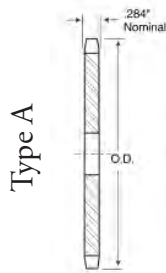
# TOLTEC INCORPORATED



QD - Type B

## Single - Type QD

| No. Teeth | Part Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions |       |       |        |       |       |      | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|-----------|------------|-------|-------|--------|-------|-------|------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |           | L1         | L2    | C     | Y      | G     | X     | T    | With Hub              | Rim Only |
| 15        | 41JA15      | JA      | 2.650            | 2.405          | B    | 1¼        | 1⅞         | 1⅞    | 2⅛    | 49/64  | 25/64 | 5/8   | .227 | 1.22                  | 0.32     |
| 16        | 41JA16      | JA      | 2.810            | 2.563          | B    | 1¼        | 1⅞         | 1⅞    | 2⅛    | 49/64  | 25/64 | 5/8   | .227 | 1.30                  | 0.40     |
| 17        | 41JA17      | JA      | 2.980            | 2.721          | B    | 1¼        | 1⅞         | 1⅞    | 2⅛    | 49/64  | 25/64 | 5/8   | .227 | 1.40                  | 0.50     |
| 18        | 41JA18      | JA      | 3.140            | 2.879          | B    | 1¼        | 1⅞         | 1⅞    | 2⅛    | 49/64  | 25/64 | 5/8   | .227 | 1.50                  | 0.60     |
| 19        | 41JA19      | JA      | 3.300            | 3.038          | B    | 1¼        | 1⅞         | 1⅞    | 2⅛    | 49/64  | 25/64 | 5/8   | .227 | 1.58                  | 0.68     |
| 20        | 41SH20      | SH      | 3.460            | 3.196          | B    | 1⅝        | 17/16      | 17/16 | 21/16 | 11/32  | 37/64 | 13/16 | .227 | 1.78                  | 0.78     |
| 21        | 41SH21      | SH      | 3.620            | 3.355          | B    | 1⅝        | 17/16      | 17/16 | 21/16 | 11/32  | 37/64 | 13/16 | .227 | 1.82                  | 0.82     |
| 22        | 41SH22      | SH      | 3.780            | 3.513          | B    | 1⅝        | 17/16      | 17/16 | 21/16 | 11/32  | 37/64 | 13/16 | .227 | 2.06                  | 1.06     |
| 23        | 41SH23      | SH      | 3.940            | 3.672          | B    | 1⅝        | 17/16      | 17/16 | 21/16 | 11/32  | 37/64 | 13/16 | .227 | 2.14                  | 1.14     |
| 24        | 41SH24      | SH      | 4.100            | 3.831          | B    | 1⅝        | 17/16      | 17/16 | 21/16 | 11/32  | 37/64 | 13/16 | .227 | 2.16                  | 1.16     |
| 25        | 41SH25      | SH      | 4.260            | 3.989          | B    | 1⅝        | 17/16      | 17/16 | 21/16 | 11/32  | 37/64 | 13/16 | .227 | 2.22                  | 1.22     |
| 26        | 41SH26      | SH      | 4.420            | 4.148          | B    | 1⅝        | 17/16      | 17/16 | 21/16 | 11/32  | 37/64 | 13/16 | .227 | 2.26                  | 1.26     |
| 27        | 41SH27      | SH      | 4.580            | 4.307          | B    | 1⅝        | 17/16      | 17/16 | 21/16 | 11/32  | 37/64 | 13/16 | .227 | 2.40                  | 1.40     |
| 28        | 41SH28      | SH      | 4.740            | 4.466          | B    | 1⅝        | 17/16      | 17/16 | 21/16 | 11/32  | 37/64 | 13/16 | .227 | 2.54                  | 1.54     |
| 30        | 41SH30      | SH      | 5.060            | 4.783          | B    | 1⅝        | 17/16      | 17/16 | 21/16 | 11/32  | 37/64 | 13/16 | .227 | 2.58                  | 1.58     |
| 32        | 41SH32      | SH      | 5.380            | 5.101          | B    | 1⅝        | 17/16      | 17/16 | 21/16 | 11/32  | 37/64 | 13/16 | .227 | 2.68                  | 1.68     |
| 35        | 41SH35      | SH      | 5.860            | 5.578          | B    | 1⅝        | 17/16      | 17/16 | 21/16 | 11/32  | 37/64 | 13/16 | .227 | 2.79                  | 1.79     |
| 36        | 41SDS36     | SDS     | 6.020            | 5.737          | B    | 2         | 1½         | 1½    | 33/16 | 13/32  | 17/32 | ¾     | .227 | 2.92                  | 1.92     |
| 40        | 41SDS40     | SDS     | 6.650            | 6.373          | B    | 2         | 1½         | 1½    | 33/16 | 13/32  | 17/32 | ¾     | .227 | 3.32                  | 2.32     |
| 42        | 41SDS42     | SDS     | 6.970            | 6.691          | B    | 2         | 1½         | 1½    | 33/16 | 13/32  | 17/32 | ¾     | .227 | 3.44                  | 2.44     |
| 45        | 41SDS45     | SDS     | 7.450            | 7.168          | B    | 2         | 1½         | 1½    | 33/16 | 13/32  | 17/32 | ¾     | .227 | 3.76                  | 2.76     |
| 48        | 41SDS48     | SDS     | 7.930            | 7.645          | B    | 2         | 1½         | 1½    | 33/16 | 13/32  | 17/32 | ¾     | .227 | 4.36                  | 3.36     |
| 54        | 41SDS54     | SDS     | 8.890            | 8.599          | B    | 2         | 1½         | 1½    | 33/16 | 13/32  | 17/32 | ¾     | .227 | 4.98                  | 3.98     |
| 60        | 41SDS60     | SDS     | 9.840            | 9.554          | B    | 2         | 1½         | 1½    | 33/16 | 13/32  | 17/32 | ¾     | .227 | 6.54                  | 5.54     |
| 70        | 41SK70      | SK      | 11.430           | 11.145         | B    | 2⅝        | 2⅝         | 2⅝    | 3⅞    | 141/64 | 11/32 | 1¼    | .227 | 9.42                  | 7.42     |
| 72        | 41SK72      | SK      | 11.750           | 11.463         | B    | 2⅝        | 2⅝         | 2⅝    | 3⅞    | 141/64 | 11/32 | 1¼    | .227 | 10.02                 | 8.02     |
| 80        | 41SK80      | SK      | 13.030           | 12.736         | B    | 2⅝        | 2⅝         | 2⅝    | 3⅞    | 141/64 | 11/32 | 1¼    | .227 | 11.64                 | 9.64     |
| 84        | 41SK84      | SK      | 13.660           | 13.372         | B    | 2⅝        | 2⅝         | 2⅝    | 3⅞    | 141/64 | 11/32 | 1¼    | .227 | 12.40                 | 10.40    |
| 96        | 41SK96      | SK      | 15.570           | 15.281         | B    | 2⅝        | 2⅝         | 2⅝    | 3⅞    | 141/64 | 11/32 | 1¼    | .227 | 14.82                 | 12.82    |
| 112       | 41SK112     | SK      | 18.120           | 17.828         | B    | 2⅝        | 2⅝         | 2⅝    | 3⅞    | 141/64 | 11/32 | 1¼    | .227 | 19.28                 | 17.28    |



Single - Type B

Single - Type A

\* Has recessed groove in hub for chain clearance.

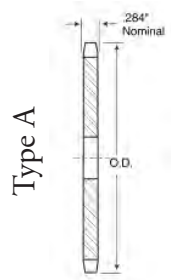
| No. Teeth | Port Number | Outside Diameter | Type | Bore          |                 | Hub               |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore      | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------------|-------------------|------------------|--------------------|------|-------------|-----------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max        | Diameter          | Length Thru Bore |                    |      |             |                 |                       |
| 8         | 40B8H       | 1.510            | B    | $\frac{1}{2}$ | $\frac{1}{2}$   | $6\frac{3}{64}$ * | $\frac{7}{8}$    | 0.18               | —    | —           | —               | —                     |
| 9         | 40B9H       | 1.670            | B    | $\frac{1}{2}$ | $\frac{9}{16}$  | $1\frac{1}{16}$ * | $\frac{7}{8}$    | 0.20               | —    | —           | —               | —                     |
| 10        | 40B10H      | 1.840            | B    | $\frac{1}{2}$ | $\frac{3}{4}$   | $1\frac{1}{4}$ *  | $\frac{7}{8}$    | 0.27               | —    | —           | —               | —                     |
| 11        | 40B11H      | 2.000            | B    | $\frac{1}{2}$ | $\frac{7}{8}$   | $1\frac{3}{8}$ *  | $\frac{7}{8}$    | 0.35               | —    | —           | —               | —                     |
| 12        | 40B12H      | 2.170            | B    | $\frac{1}{2}$ | 1               | $1\frac{1}{2}$ *  | $\frac{7}{8}$    | 0.45               | A    | 40A12       | $\frac{1}{2}$   | 0.18                  |
| 13        | 40B13H      | 2.330            | B    | $\frac{1}{2}$ | $1\frac{1}{16}$ | $1\frac{1}{16}$   | $\frac{7}{8}$    | 0.50               | A    | 40A13       | $\frac{1}{2}$   | 0.22                  |
| 14        | 40B14H      | 2.490            | B    | $\frac{1}{2}$ | $1\frac{1}{8}$  | $1\frac{1}{16}$   | $\frac{7}{8}$    | 0.59               | A    | 40A14       | $\frac{1}{2}$   | 0.26                  |
| 15        | 40B15H      | 2.650            | B    | $\frac{1}{2}$ | $1\frac{1}{4}$  | $1\frac{3}{16}$   | $\frac{7}{8}$    | 0.70               | A    | 40A15       | $\frac{5}{8}$   | 0.30                  |
| 16        | 40B16H      | 2.810            | B    | $\frac{5}{8}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.79               | A    | 40A16       | $\frac{5}{8}$   | 0.34                  |
| 17        | 40B17H      | 2.980            | B    | $\frac{5}{8}$ | $1\frac{7}{16}$ | $2\frac{1}{8}$    | 1                | 1.04               | A    | 40A17       | $\frac{5}{8}$   | 0.36                  |
| 18        | 40B18H      | 3.140            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{5}{16}$   | 1                | 1.22               | A    | 40A18       | $\frac{5}{8}$   | 0.44                  |
| 19        | 40B19H      | 3.300            | B    | $\frac{5}{8}$ | $1\frac{3}{4}$  | $2\frac{1}{2}$    | 1                | 1.43               | A    | 40A19       | $\frac{5}{8}$   | 0.46                  |
| 20        | 40B20H      | 3.460            | B    | $\frac{5}{8}$ | $1\frac{7}{8}$  | $2\frac{3}{8}$    | 1                | 1.56               | A    | 40A20       | $\frac{5}{8}$   | 0.56                  |
| 21        | 40B21H      | 3.620            | B    | $\frac{5}{8}$ | $1\frac{7}{8}$  | $2\frac{3}{4}$    | 1                | 1.73               | A    | 40A21       | $\frac{5}{8}$   | 0.58                  |
| 22        | 40B22H      | 3.780            | B    | $\frac{5}{8}$ | $1\frac{7}{8}$  | $2\frac{7}{8}$    | 1                | 1.96               | A    | 40A22       | $\frac{5}{8}$   | 0.66                  |
| 23        | 40B23H      | 3.940            | B    | $\frac{5}{8}$ | 2               | 3                 | 1                | 2.13               | A    | 40A23       | $\frac{5}{8}$   | 0.72                  |
| 24        | 40B24H      | 4.100            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 2.41               | A    | 40A24       | $\frac{5}{8}$   | 0.82                  |
| 25        | 40B25H      | 4.260            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 2.54               | A    | 40A25       | $\frac{5}{8}$   | 0.88                  |
| 26        | 40B26H      | 4.420            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 2.58               | A    | 40A26       | $\frac{5}{8}$   | 0.94                  |
| 27        | 40B27H      | 4.580            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 2.66               | A    | 40A27       | $\frac{5}{8}$   | 0.98                  |
| 28        | 40B28H      | 4.740            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 2.73               | A    | 40A28       | $\frac{5}{8}$   | 1.10                  |
| 29        | 40B29H      | 4.900            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 2.80               | A    | 40A29       | $1\frac{9}{32}$ | 1.22                  |
| 30        | 40B30H      | 5.060            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 2.98               | A    | 40A30       | $1\frac{9}{32}$ | 1.26                  |
| 31        | 40B31H      | 5.220            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 3.10               | A    | 40A31       | $1\frac{9}{32}$ | 1.40                  |
| 32        | 40B32H      | 5.380            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 3.16               | A    | 40A32       | $1\frac{9}{32}$ | 1.48                  |
| 33        | 40B33H      | 5.540            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 3.22               | A    | 40A33       | $1\frac{9}{32}$ | 1.56                  |
| 34        | 40B34H      | 5.700            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 3.30               | A    | 40A34       | $1\frac{9}{32}$ | 1.64                  |
| 35        | 40B35H      | 5.860            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 3.46               | A    | 40A35       | $1\frac{9}{32}$ | 1.70                  |
| 36        | 40B36H      | 6.020            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 3.58               | A    | 40A36       | $1\frac{9}{32}$ | 1.84                  |
| 37        | 40B37H      | 6.180            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 3.62               | A    | 40A37       | $1\frac{9}{32}$ | 1.92                  |
| 38        | 40B38H      | 6.330            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 3.70               | A    | 40A38       | $1\frac{9}{32}$ | 2.00                  |
| 39        | 40B39H      | 6.490            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 3.76               | A    | 40A39       | $1\frac{9}{32}$ | 2.02                  |
| 40        | 40B40H      | 6.650            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | $3\frac{1}{2}$    | $1\frac{1}{8}$   | 4.69               | A    | 40A40       | $2\frac{3}{32}$ | 2.22                  |

Table continued on next page.

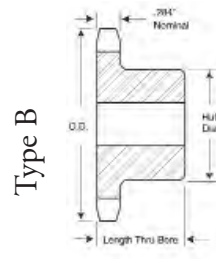


# No.40 1/2" Pitch All Steel Stock Sprockets

# TOLTEC INCORPORATED



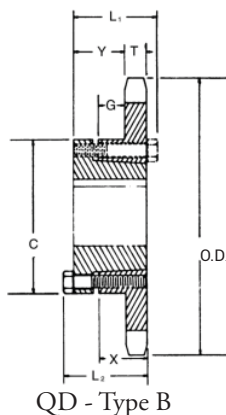
\* Has recessed groove in hub for chain clearance.



## Single - Type B

## Single - Type A

| No. Teeth | Port Number | Outside Diameter | Type | Bore  |          | Hub      |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|-------|----------|----------|------------------|--------------------|------|-------------|------------|-----------------------|
|           |             |                  |      | Stock | Rec. Max | Diameter | Length Thru Bore |                    |      |             |            |                       |
| 41        | 40B41H      | 6.810            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 4.76               | A    | 40A41       | 2 3/32     | 2.40                  |
| 42        | 40B42H      | 6.970            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 4.82               | A    | 40A42       | 2 3/32     | 2.52                  |
| 43        | 40B43H      | 7.130            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 5.12               | A    | 40A43       | 2 3/32     | 2.64                  |
| 44        | 40B44H      | 7.290            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 5.15               | A    | 40A44       | 2 3/32     | 2.81                  |
| 45        | 40B45H      | 7.450            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 5.30               | A    | 40A45       | 2 3/32     | 2.90                  |
| 46        | 40B46H      | 7.610            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 5.57               | A    | 40A46       | 2 3/32     | 3.03                  |
| 47        | 40B47H      | 7.770            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 5.44               | A    | 40A47       | 2 3/32     | 3.17                  |
| 48        | 40B48H      | 7.930            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 5.84               | A    | 40A48       | 2 3/32     | 3.31                  |
| 49        | 40B49H      | 8.090            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 5.90               | A    | 40A49       | 2 3/32     | 3.45                  |
| 50        | 40B50H      | 8.250            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 5.96               | A    | 40A50       | 2 3/32     | 3.60                  |
| 51        | 40B51H      | 8.410            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 6.08               | A    | 40A51       | 2 3/32     | 3.75                  |
| 52        | 40B52H      | 8.570            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 6.28               | A    | 40A52       | 2 3/32     | 3.90                  |
| 53        | 40B53H      | 8.730            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 6.33               | A    | 40A53       | 2 3/32     | 4.05                  |
| 54        | 40B54H      | 8.890            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 6.42               | A    | 40A54       | 2 3/32     | 4.44                  |
| 55        | 40B55H      | 9.040            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 6.46               | A    | 40A55       | 2 3/32     | 4.54                  |
| 56        | 40B56H      | 9.200            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 6.89               | A    | 40A56       | 2 3/32     | 4.84                  |
| 57        | 40B57H      | 9.360            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 7.02               | A    | 40A57       | 2 3/32     | 5.00                  |
| 58        | 40B58H      | 9.520            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 7.36               | A    | 40A58       | 2 3/32     | 5.12                  |
| 59        | 40B59H      | 9.680            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 7.45               | A    | 40A59       | 2 3/32     | 5.30                  |
| 60        | 40B60H      | 9.840            | B    | 3/4   | 2 3/8    | 3 1/2    | 1 1/8            | 7.86               | A    | 40A60       | 2 3/32     | 5.48                  |
| 70        | 40B70H      | 11.430           | B    | 3/4   | 2 3/4    | 4        | 1 1/4            | 11.00              | A    | 40A70       | 2 3/32     | 7.24                  |
| 72        | 40B72H      | 11.750           | B    | 3/4   | 2 3/4    | 4        | 1 1/4            | 11.50              | A    | 40A72       | 2 3/32     | 7.56                  |
| 80        | 40B80H      | 13.030           | B    | 3/4   | 2 3/4    | 4        | 1 1/4            | 13.40              | A    | 40A80       | 2 3/32     | 10.20                 |
| 84        | 40B84H      | 13.660           | B    | 3/4   | 2 3/4    | 4        | 1 1/4            | 14.04              | A    | 40A84       | 2 3/32     | 10.07                 |
| 96        | 40B96H      | 15.570           | B    | 1     | 2 3/4    | 4        | 1 1/4            | 17.56              | A    | 40A96       | 1 1/16     | 12.15                 |
| 112       | 40B112H     | 18.120           | B    | 1     | 2 3/4    | 4        | 1 1/4            | 22.56              | A    | 40A112      | 1 1/16     | 20.00                 |



Single - Type QD With Hardened Teeth

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

Single - Type QD

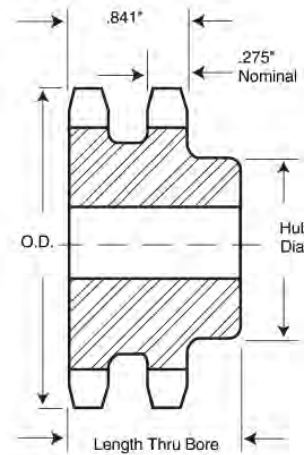
| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore       | Dimensions       |                  |                  |                   |                  |                  |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|-----------------|------------------|------------------|------------------|-------------------|------------------|------------------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |                 | L1               | L2               | C                | Y                 | G                | X                | T     | With Hub              | Rim Only |
| 15        | 40JA15      | JA      | 2.650            | 2.405          | B    | 1 $\frac{1}{4}$ | 1 $\frac{1}{8}$  | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$ | 2 $\frac{3}{32}$  | 1 $\frac{1}{32}$ | $\frac{5}{8}$    | 0.284 | 1.24                  | 0.34     |
| 16        | 40JA16      | JA      | 2.810            | 2.563          | B    | 1 $\frac{1}{4}$ | 1 $\frac{1}{8}$  | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$ | 2 $\frac{3}{32}$  | 1 $\frac{1}{32}$ | $\frac{5}{8}$    | 0.284 | 1.30                  | 0.40     |
| 17        | 40JA17      | JA      | 2.980            | 2.721          | B    | 1 $\frac{1}{4}$ | 1 $\frac{1}{8}$  | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$ | 2 $\frac{3}{32}$  | 1 $\frac{1}{32}$ | $\frac{5}{8}$    | 0.284 | 1.38                  | 0.48     |
| 18        | 40JA18      | JA      | 3.140            | 2.879          | B    | 1 $\frac{1}{4}$ | 1 $\frac{1}{8}$  | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$ | 2 $\frac{3}{32}$  | 1 $\frac{1}{32}$ | $\frac{5}{8}$    | 0.284 | 1.44                  | 0.54     |
| 19        | 40JA19      | JA      | 3.300            | 3.038          | B    | 1 $\frac{1}{4}$ | 1 $\frac{1}{8}$  | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$ | 2 $\frac{3}{32}$  | 1 $\frac{1}{32}$ | $\frac{5}{8}$    | 0.284 | 1.50                  | 0.60     |
| 20        | 40SH20      | SH      | 3.460            | 3.196          | B    | 1 $\frac{1}{8}$ | 1 $\frac{1}{16}$ | 1 $\frac{1}{16}$ | 2 $\frac{1}{16}$ | 3 $\frac{1}{32}$  | 1 $\frac{7}{32}$ | 1 $\frac{3}{16}$ | 0.284 | 1.76                  | 0.76     |
| 21        | 40SH21      | SH      | 3.620            | 3.355          | B    | 1 $\frac{1}{8}$ | 1 $\frac{1}{16}$ | 1 $\frac{1}{16}$ | 2 $\frac{1}{16}$ | 3 $\frac{1}{32}$  | 1 $\frac{7}{32}$ | 1 $\frac{3}{16}$ | 0.284 | 1.84                  | 0.84     |
| 22        | 40SH22      | SH      | 3.780            | 3.513          | B    | 1 $\frac{1}{8}$ | 1 $\frac{1}{16}$ | 1 $\frac{1}{16}$ | 2 $\frac{1}{16}$ | 3 $\frac{1}{32}$  | 1 $\frac{7}{32}$ | 1 $\frac{3}{16}$ | 0.284 | 1.92                  | 0.92     |
| 23        | 40SH23      | SH      | 3.940            | 3.672          | B    | 1 $\frac{1}{8}$ | 1 $\frac{1}{16}$ | 1 $\frac{1}{16}$ | 2 $\frac{1}{16}$ | 3 $\frac{1}{32}$  | 1 $\frac{7}{32}$ | 1 $\frac{3}{16}$ | 0.284 | 2.14                  | 1.14     |
| 24        | 40SH24      | SH      | 4.100            | 3.831          | B    | 1 $\frac{1}{8}$ | 1 $\frac{1}{16}$ | 1 $\frac{1}{16}$ | 2 $\frac{1}{16}$ | 3 $\frac{1}{32}$  | 1 $\frac{7}{32}$ | 1 $\frac{3}{16}$ | 0.284 | 2.22                  | 1.22     |
| 25        | 40SH25      | SH      | 4.260            | 3.989          | B    | 1 $\frac{1}{8}$ | 1 $\frac{1}{16}$ | 1 $\frac{1}{16}$ | 2 $\frac{1}{16}$ | 3 $\frac{1}{32}$  | 1 $\frac{7}{32}$ | 1 $\frac{3}{16}$ | 0.284 | 2.30                  | 1.30     |
| 26        | 40SH26      | SH      | 4.420            | 4.148          | B    | 1 $\frac{1}{8}$ | 1 $\frac{1}{16}$ | 1 $\frac{1}{16}$ | 2 $\frac{1}{16}$ | 3 $\frac{1}{32}$  | 1 $\frac{7}{32}$ | 1 $\frac{3}{16}$ | 0.284 | 2.44                  | 1.44     |
| 27        | 40SH27      | SH      | 4.580            | 4.307          | B    | 1 $\frac{1}{8}$ | 1 $\frac{1}{16}$ | 1 $\frac{1}{16}$ | 2 $\frac{1}{16}$ | 3 $\frac{1}{32}$  | 1 $\frac{7}{32}$ | 1 $\frac{3}{16}$ | 0.284 | 2.46                  | 1.46     |
| 28        | 40SH28      | SH      | 4.740            | 4.466          | B    | 1 $\frac{1}{8}$ | 1 $\frac{1}{16}$ | 1 $\frac{1}{16}$ | 2 $\frac{1}{16}$ | 3 $\frac{1}{32}$  | 1 $\frac{7}{32}$ | 1 $\frac{3}{16}$ | 0.284 | 2.54                  | 1.54     |
| 30        | 40SH30      | SH      | 5.060            | 4.783          | B    | 1 $\frac{1}{8}$ | 1 $\frac{1}{16}$ | 1 $\frac{1}{16}$ | 2 $\frac{1}{16}$ | 3 $\frac{1}{32}$  | 1 $\frac{7}{32}$ | 1 $\frac{3}{16}$ | 0.284 | 2.72                  | 1.72     |
| 32        | 40SH32      | SH      | 5.380            | 5.101          | B    | 1 $\frac{1}{8}$ | 1 $\frac{1}{16}$ | 1 $\frac{1}{16}$ | 2 $\frac{1}{16}$ | 3 $\frac{1}{32}$  | 1 $\frac{7}{32}$ | 1 $\frac{3}{16}$ | 0.284 | 2.90                  | 1.90     |
| 35        | 40SH35      | SH      | 5.860            | 5.578          | B    | 1 $\frac{1}{8}$ | 1 $\frac{1}{16}$ | 1 $\frac{1}{16}$ | 3                | 3 $\frac{1}{32}$  | 1 $\frac{7}{32}$ | 1 $\frac{3}{16}$ | 0.284 | 3.22                  | 2.22     |
| 36        | 40SDS36     | SDS     | 6.020            | 5.737          | B    | 2               | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$ | 1 $\frac{1}{32}$  | 1 $\frac{5}{32}$ | $\frac{3}{4}$    | 0.284 | 3.20                  | 2.20     |
| 40        | 40SDS40     | SDS     | 6.650            | 6.373          | B    | 2               | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$ | 1 $\frac{1}{32}$  | 1 $\frac{5}{32}$ | $\frac{3}{4}$    | 0.284 | 3.72                  | 2.72     |
| 42        | 40SDS42     | SDS     | 6.970            | 6.691          | B    | 2               | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$ | 1 $\frac{1}{32}$  | 1 $\frac{5}{32}$ | $\frac{3}{4}$    | 0.284 | 3.92                  | 2.92     |
| 45        | 40SDS45     | SDS     | 7.450            | 7.168          | B    | 2               | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$ | 1 $\frac{1}{32}$  | 1 $\frac{5}{32}$ | $\frac{3}{4}$    | 0.284 | 4.32                  | 3.32     |
| 48        | 40SDS48     | SDS     | 7.930            | 7.645          | B    | 2               | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$ | 1 $\frac{1}{32}$  | 1 $\frac{5}{32}$ | $\frac{3}{4}$    | 0.284 | 4.70                  | 3.70     |
| 54        | 40SDS54     | SDS     | 8.890            | 8.599          | B    | 2               | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$ | 1 $\frac{1}{32}$  | 1 $\frac{5}{32}$ | $\frac{3}{4}$    | 0.284 | 5.78                  | 4.78     |
| 60        | 40SDS60     | SDS     | 9.840            | 9.554          | B    | 2               | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$ | 1 $\frac{1}{32}$  | 1 $\frac{5}{32}$ | $\frac{3}{4}$    | 0.284 | 6.86                  | 5.86     |
| 70        | 40SK70      | SK      | 11.430           | 11.145         | B    | 2 $\frac{3}{8}$ | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$  | 1 $\frac{19}{32}$ | 3 $\frac{1}{32}$ | 1 $\frac{1}{4}$  | 0.284 | 10.68                 | 8.68     |
| 72        | 40SK72      | SK      | 11.750           | 11.463         | B    | 2 $\frac{3}{8}$ | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$  | 1 $\frac{19}{32}$ | 3 $\frac{1}{32}$ | 1 $\frac{1}{4}$  | 0.284 | 10.84                 | 8.84     |
| 80        | 40SK80      | SK      | 13.030           | 12.736         | B    | 2 $\frac{3}{8}$ | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$  | 1 $\frac{19}{32}$ | 3 $\frac{1}{32}$ | 1 $\frac{1}{4}$  | 0.284 | 13.20                 | 11.20    |
| 84        | 40SK84      | SK      | 13.660           | 13.372         | B    | 2 $\frac{3}{8}$ | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$  | 1 $\frac{19}{32}$ | 3 $\frac{1}{32}$ | 1 $\frac{1}{4}$  | 0.284 | 13.56                 | 11.56    |
| 96        | 40SK96      | SK      | 15.570           | 15.282         | B    | 2 $\frac{3}{8}$ | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$  | 1 $\frac{19}{32}$ | 3 $\frac{1}{32}$ | 1 $\frac{1}{4}$  | 0.284 | 17.76                 | 15.76    |
| 112       | 40SK112     | SK      | 18.120           | 17.828         | B    | 2 $\frac{3}{8}$ | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$  | 1 $\frac{19}{32}$ | 3 $\frac{1}{32}$ | 1 $\frac{1}{4}$  | 0.284 | 22.28                 | 20.28    |

# No.40-2 $\frac{1}{2}$ " Pitch All Steel Stock Sprockets

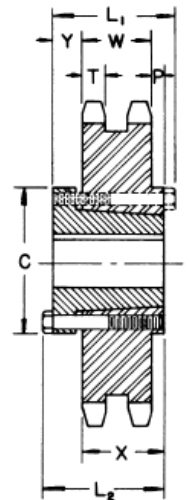
# TOLTEC INCORPORATED

Double- Type B

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches)   |                 | Hub (inches)      |                | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|-----------------|-----------------|-------------------|----------------|-----------------------|
|           |             |                  |      | Stock           | Rec. Max.       | Diameter          | Length Thru    |                       |
| 11        | D40B11H     | 2.000            | B    | $\frac{1}{2}$   | $\frac{3}{4}$   | $1\frac{1}{16}$ * | $1\frac{1}{2}$ | 0.62                  |
| 12        | D40B12H     | 2.170            | B    | $\frac{1}{2}$   | $1\frac{1}{16}$ | $1\frac{1}{16}$ * | $1\frac{1}{2}$ | 0.76                  |
| 13        | D40B13H     | 2.330            | B    | $\frac{1}{2}$   | 1               | $1\frac{1}{2}$    | $1\frac{1}{2}$ | 0.86                  |
| 14        | D40B14H     | 2.490            | B    | $\frac{1}{2}$   | $1\frac{1}{8}$  | $1\frac{1}{16}$   | $1\frac{1}{2}$ | 1.08                  |
| 15        | D40B15H     | 2.650            | B    | $\frac{1}{2}$   | $1\frac{1}{4}$  | $1\frac{1}{16}$   | $1\frac{1}{2}$ | 1.24                  |
| 16        | D40B16H     | 2.810            | B    | $\frac{5}{8}$   | $1\frac{3}{8}$  | 2                 | $1\frac{1}{2}$ | 1.42                  |
| 17        | D40B17H     | 2.980            | B    | $\frac{5}{8}$   | $1\frac{7}{16}$ | $2\frac{1}{8}$    | $1\frac{1}{2}$ | 1.64                  |
| 18        | D40B18H     | 3.140            | B    | $\frac{5}{8}$   | $1\frac{1}{2}$  | $2\frac{1}{16}$   | $1\frac{1}{2}$ | 1.92                  |
| 19        | D40B19H     | 3.300            | B    | $\frac{5}{8}$   | $1\frac{3}{4}$  | $2\frac{1}{2}$    | $1\frac{1}{2}$ | 2.22                  |
| 20        | D40B20H     | 3.460            | B    | $\frac{5}{8}$   | $1\frac{7}{8}$  | $2\frac{3}{8}$    | $1\frac{3}{8}$ | 2.64                  |
| 21        | D40B21H     | 3.620            | B    | $\frac{5}{8}$   | 1 $\frac{7}{8}$ | $2\frac{3}{4}$    | $1\frac{3}{8}$ | 2.94                  |
| 22        | D40B22H     | 3.780            | B    | $\frac{5}{8}$   | $1\frac{7}{8}$  | $2\frac{7}{8}$    | $1\frac{3}{8}$ | 3.18                  |
| 23        | D40B23H     | 3.940            | B    | $\frac{5}{8}$   | 2               | 3                 | $1\frac{3}{8}$ | 3.52                  |
| 24        | D40B24H     | 4.100            | B    | $\frac{5}{8}$   | $2\frac{1}{4}$  | $3\frac{1}{4}$    | $1\frac{3}{8}$ | 4.04                  |
| 25        | D40B25H     | 4.260            | B    | $\frac{5}{8}$   | $2\frac{1}{4}$  | $3\frac{1}{4}$    | $1\frac{3}{8}$ | 4.26                  |
| 26        | D40B26      | 4.420            | B    | $\frac{5}{8}$   | $2\frac{1}{4}$  | $3\frac{1}{4}$    | $1\frac{3}{8}$ | 4.48                  |
| 30        | D40B30      | 5.060            | B    | $\frac{7}{8}$   | $2\frac{1}{4}$  | $3\frac{1}{4}$    | $1\frac{3}{8}$ | 5.34                  |
| 35        | D40B35      | 5.860            | B    | $\frac{7}{8}$   | $2\frac{1}{4}$  | $3\frac{1}{4}$    | $1\frac{3}{8}$ | 6.80                  |
| 36        | D40B36      | 6.020            | B    | $1\frac{1}{16}$ | $2\frac{1}{2}$  | $3\frac{3}{4}$    | $1\frac{3}{4}$ | 7.20                  |
| 40        | D40B40      | 6.650            | B    | $1\frac{1}{16}$ | $2\frac{1}{2}$  | $3\frac{3}{4}$    | $1\frac{3}{4}$ | 9.40                  |
| 42        | D40B42      | 6.970            | B    | $1\frac{1}{16}$ | $2\frac{1}{2}$  | $3\frac{3}{4}$    | $1\frac{3}{4}$ | 10.20                 |
| 45        | D40B45      | 7.450            | B    | $1\frac{1}{16}$ | $2\frac{1}{2}$  | $3\frac{3}{4}$    | $1\frac{3}{4}$ | 11.36                 |
| 48        | D40B48      | 7.930            | B    | $1\frac{1}{16}$ | $2\frac{1}{2}$  | $3\frac{3}{4}$    | $1\frac{3}{4}$ | 12.66                 |
| 52        | D40B52      | 8.570            | B    | $1\frac{1}{16}$ | $2\frac{1}{2}$  | $3\frac{3}{4}$    | $1\frac{3}{4}$ | 14.46                 |
| 54        | D40B54      | 8.890            | B    | $1\frac{1}{16}$ | $2\frac{1}{2}$  | $3\frac{3}{4}$    | $1\frac{3}{4}$ | 15.48                 |
| 60        | D40B60      | 9.840            | B    | $1\frac{1}{16}$ | $2\frac{1}{2}$  | $3\frac{3}{4}$    | $1\frac{3}{4}$ | 18.60                 |
| 68        | D40B68      | 11.120           | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$    | $2\frac{1}{8}$ | 24.96                 |
| 72        | D40B72      | 11.750           | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$    | $2\frac{1}{8}$ | 27.88                 |
| 76        | D40B76      | 12.390           | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$    | $2\frac{1}{8}$ | 30.18                 |
| 84        | D40B84      | 13.660           | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$    | $2\frac{1}{8}$ | 36.24                 |
| 95        | D40B95      | 15.410           | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$    | $2\frac{1}{8}$ | 38.84                 |
| 96        | D40B96      | 15.570           | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$    | $2\frac{1}{8}$ | 39.50                 |
| 102       | D40B102     | 16.530           | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$    | $2\frac{1}{8}$ | 42.72                 |
| 112       | D40B112     | 18.120           | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$    | $2\frac{1}{8}$ | 55.54                 |



Type B

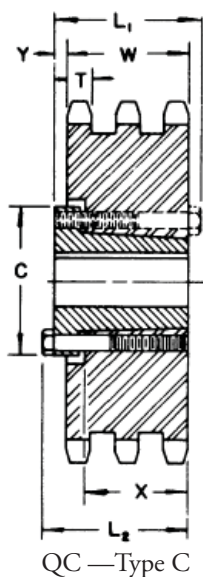
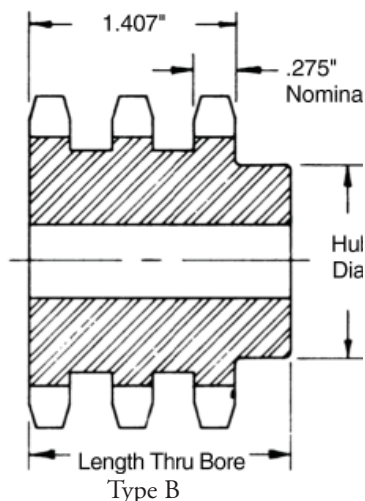


QD — Type C

\* Has recessed groove in hub for chain clearance.

Double- Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore      | Dimensions     |                |                |                |                 |                |       |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|-------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |                | L1             | L2             | C              | Y              | G               | X              | T     | W     | With Hub              | Rim Only |
| 36        | D40SK36     | SK      | 6.020            | 5.737          | C    | $2\frac{5}{8}$ | $2\frac{1}{8}$ | $2\frac{1}{8}$ | $3\frac{7}{8}$ | $\frac{5}{8}$  | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 0.275 | 0.841 | 6.68                  | 4.68     |
| 40        | D40SK40     | SK      | 6.650            | 6.373          | C    | $2\frac{5}{8}$ | $2\frac{1}{8}$ | $2\frac{1}{8}$ | $3\frac{7}{8}$ | $\frac{5}{8}$  | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 0.275 | 0.841 | 8.02                  | 6.02     |
| 42        | D40SK42     | SK      | 6.970            | 6.691          | C    | $2\frac{5}{8}$ | $2\frac{1}{8}$ | $2\frac{1}{8}$ | $3\frac{7}{8}$ | $\frac{5}{8}$  | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 0.275 | 0.841 | 8.82                  | 6.82     |
| 45        | D40SK45     | SK      | 7.450            | 7.168          | C    | $2\frac{5}{8}$ | $2\frac{1}{8}$ | $2\frac{1}{8}$ | $3\frac{7}{8}$ | $\frac{5}{8}$  | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 0.275 | 0.841 | 9.98                  | 7.98     |
| 48        | D40SK48     | SK      | 7.930            | 7.645          | C    | $2\frac{5}{8}$ | $2\frac{1}{8}$ | $2\frac{1}{8}$ | $3\frac{7}{8}$ | $\frac{5}{8}$  | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 0.275 | 0.841 | 11.22                 | 9.22     |
| 52        | D40SK52     | SK      | 8.570            | 8.281          | C    | $2\frac{5}{8}$ | $2\frac{1}{8}$ | $2\frac{1}{8}$ | $3\frac{7}{8}$ | $\frac{5}{8}$  | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 0.275 | 0.841 | 13.04                 | 11.04    |
| 54        | D40SK54     | SK      | 8.890            | 8.599          | C    | $2\frac{5}{8}$ | $2\frac{1}{8}$ | $2\frac{1}{8}$ | $3\frac{7}{8}$ | $\frac{5}{8}$  | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 0.275 | 0.841 | 14.06                 | 12.06    |
| 60        | D40SK60     | SK      | 9.840            | 9.554          | C    | $2\frac{5}{8}$ | $2\frac{1}{8}$ | $2\frac{1}{8}$ | $3\frac{7}{8}$ | $5\frac{8}$    | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 0.275 | 0.841 | 16.98                 | 14.98    |
| 68        | D40SF68     | SF      | 11.180           | 10.826         | C    | $2\frac{1}{2}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{5}{8}$ | $3\frac{3}{4}$ | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 2.750 | 0.841 | 22.72                 | 19.72    |
| 72        | D40SF72     | SF      | 11.750           | 11.463         | C    | $2\frac{1}{2}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{5}{8}$ | $3\frac{3}{4}$ | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 2.750 | 0.841 | 24.20                 | 22.20    |
| 76        | D40SF76     | SF      | 12.390           | 12.099         | C    | $2\frac{1}{2}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{5}{8}$ | $3\frac{3}{4}$ | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 2.750 | 0.841 | 28.20                 | 25.20    |
| 84        | D40SF84     | SF      | 13.660           | 13.372         | C    | $2\frac{1}{2}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{5}{8}$ | $3\frac{3}{4}$ | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 2.750 | 0.841 | 33.64                 | 30.64    |
| 95        | D40SF95     | SF      | 15.410           | 15.122         | C    | $2\frac{1}{2}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{5}{8}$ | $3\frac{3}{4}$ | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 2.750 | 0.841 | 40.22                 | 37.22    |
| 102       | D40SF102    | SF      | 16.530           | 16.236         | C    | $2\frac{1}{2}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{5}{8}$ | $3\frac{3}{4}$ | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 2.750 | 0.841 | 42.70                 | 39.70    |
| 112       | D40SF112    | SF      | 18.120           | 17.828         | C    | $2\frac{1}{2}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{5}{8}$ | $3\frac{3}{4}$ | $1\frac{3}{32}$ | $1\frac{1}{4}$ | 2.750 | 0.841 | 52.60                 | 49.60    |



Triple- Type B

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches)   |                 | Hub (inches)      |                | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|-----------------|-----------------|-------------------|----------------|-----------------------|
|           |             |                  |      | Stock           | Rec. Max.       | Diameter          | Length Thru    |                       |
| 11        | T40B11H     | 2.000            | B    | $\frac{1}{2}$   | $\frac{3}{4}$   | $1\frac{7}{16}$ * | $2\frac{1}{8}$ | 0.80                  |
| 12        | T40B12H     | 2.170            | B    | $\frac{1}{2}$   | $1\frac{5}{16}$ | $1\frac{9}{16}$ * | $2\frac{1}{8}$ | 1.10                  |
| 13        | T40B13H     | 2.330            | B    | $\frac{1}{2}$   | 1               | $1\frac{1}{2}$    | $2\frac{1}{8}$ | 1.24                  |
| 14        | T40B14H     | 2.490            | B    | $\frac{1}{2}$   | $1\frac{1}{8}$  | $1\frac{11}{16}$  | $2\frac{1}{8}$ | 1.50                  |
| 15        | T40B15H     | 2.650            | B    | $\frac{1}{2}$   | $1\frac{1}{4}$  | $1\frac{3}{4}$    | $2\frac{1}{8}$ | 1.76                  |
| 16        | T40B16H     | 2.810            | B    | $\frac{5}{8}$   | $1\frac{3}{8}$  | 2                 | $2\frac{1}{8}$ | 2.04                  |
| 17        | T40B17H     | 2.980            | B    | $\frac{5}{8}$   | $1\frac{7}{16}$ | $2\frac{1}{8}$    | $2\frac{1}{8}$ | 2.34                  |
| 18        | T40B18H     | 3.140            | B    | $\frac{5}{8}$   | $1\frac{1}{2}$  | $2\frac{3}{16}$   | $2\frac{1}{8}$ | 2.72                  |
| 19        | T40B19H     | 3.300            | B    | $\frac{5}{8}$   | $1\frac{3}{4}$  | $2\frac{1}{2}$    | $2\frac{1}{8}$ | 3.10                  |
| 20        | T40B20H     | 3.460            | B    | $\frac{5}{8}$   | $1\frac{7}{8}$  | $2\frac{3}{8}$    | $2\frac{1}{4}$ | 3.72                  |
| 21        | T40B21H     | 3.620            | B    | $\frac{5}{8}$   | $1\frac{7}{8}$  | $2\frac{3}{4}$    | $2\frac{1}{4}$ | 4.06                  |
| 22        | T40B22H     | 3.780            | B    | $\frac{5}{8}$   | $1\frac{7}{8}$  | $2\frac{7}{8}$    | $2\frac{1}{4}$ | 4.52                  |
| 23        | T40B23H     | 3.940            | B    | $\frac{5}{8}$   | 2               | 3                 | $2\frac{1}{4}$ | 4.96                  |
| 24        | T40B24H     | 4.100            | B    | $\frac{5}{8}$   | $2\frac{1}{4}$  | $3\frac{1}{4}$    | $2\frac{1}{4}$ | 5.64                  |
| 25        | T40B25H     | 4.260            | B    | $\frac{5}{8}$   | $2\frac{1}{4}$  | $3\frac{1}{4}$    | $2\frac{1}{4}$ | 6.02                  |
| 26        | T40B26H     | 4.420            | B    | $\frac{5}{8}$   | $2\frac{1}{4}$  | $3\frac{1}{4}$    | $2\frac{1}{4}$ | 6.36                  |
| 30        | T40B30H     | 5.060            | B    | $\frac{7}{8}$   | $2\frac{1}{4}$  | $3\frac{1}{4}$    | $2\frac{1}{4}$ | 7.84                  |
| 35        | T40B35H     | 5.860            | B    | $\frac{7}{8}$   | $2\frac{1}{4}$  | $3\frac{1}{4}$    | $2\frac{1}{4}$ | 10.30                 |
| 36        | T40B36H     | 6.020            | B    | $1\frac{1}{16}$ | $2\frac{1}{2}$  | $3\frac{3}{4}$    | $2\frac{3}{8}$ | 11.72                 |
| 42        | T40B42H     | 6.970            | B    | $1\frac{1}{16}$ | $2\frac{1}{2}$  | $3\frac{3}{4}$    | $2\frac{3}{8}$ | 15.36                 |
| 48        | T40B48H     | 7.930            | B    | $1\frac{1}{16}$ | $2\frac{1}{2}$  | $3\frac{3}{4}$    | $2\frac{3}{8}$ | 19.36                 |
| 52        | T40B52H     | 8.570            | B    | $1\frac{1}{16}$ | $2\frac{1}{2}$  | $3\frac{3}{4}$    | $2\frac{3}{8}$ | 22.44                 |
| 60        | T40B60H     | 9.840            | B    | $1\frac{1}{16}$ | $2\frac{1}{2}$  | $3\frac{3}{4}$    | $2\frac{3}{8}$ | 30.02                 |
| 68        | T40B68H     | 11.120           | B    | $1\frac{3}{16}$ | $2\frac{3}{4}$  | 4                 | $2\frac{3}{8}$ | 38.44                 |
| 72        | T40B72H     | 11.750           | B    | $1\frac{3}{16}$ | $2\frac{3}{4}$  | 4                 | $2\frac{3}{8}$ | 42.46                 |
| 76        | T40B76H     | 12.390           | B    | $1\frac{3}{16}$ | $2\frac{3}{4}$  | 4                 | $2\frac{3}{8}$ | 46.90                 |
| 84        | T40B84H     | 13.660           | B    | $1\frac{3}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$    | $2\frac{3}{4}$ | 57.30                 |
| 95        | T40B95H     | 15.410           | B    | $1\frac{3}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$    | $2\frac{3}{4}$ | 62.18                 |
| 102       | T40B102H    | 16.530           | B    | $1\frac{3}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$    | $2\frac{3}{4}$ | 68.40                 |

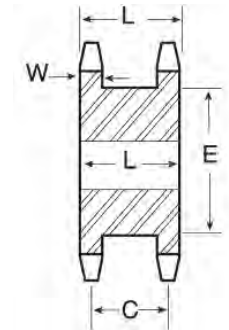
\* Has recessed groove in hub for chain clearance.

Triple- Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore        | Dimensions |    |    |                  |    |       |       |       |          | Weight Lbs. (Approx.) |  |
|-----------|-------------|---------|------------------|----------------|------|------------------|------------|----|----|------------------|----|-------|-------|-------|----------|-----------------------|--|
|           |             |         | Outside Diameter | Pitch Diameter |      |                  | L1         | L2 | C  | Y                | P  | X     | T     | W     | With Hub | Rim Only              |  |
| 36        | T40SK36     | SK      | 6.020            | 5.737          | B    | 2⅝               | 2⅞         | 2⅞ | 3⅞ | 1⅝ <sub>32</sub> | 1¼ | 0.275 | 1.407 | 8.16  | 6.16     | 4.68                  |  |
| 42        | T40SK42     | SK      | 6.970            | 6.691          | B    | 2⅝               | 2⅞         | 2⅞ | 3⅞ | 1⅝ <sub>32</sub> | 1¼ | 0.275 | 1.407 | 11.92 | 9.52     | 6.02                  |  |
| 48        | T40SK48     | SK      | 7.930            | 7.645          | B    | 2⅝               | 2⅞         | 2⅞ | 3⅞ | 1⅝ <sub>32</sub> | 1¼ | 0.275 | 1.407 | 15.13 | 13.16    | 6.82                  |  |
| 52        | T40SK52     | SK      | 8.570            | 8.281          | B    | 2⅝               | 2⅞         | 2⅞ | 3⅞ | 1⅝ <sub>32</sub> | 1¼ | 0.275 | 1.407 | 18.08 | 16.08    | 7.98                  |  |
| 60        | T40SK60     | SK      | 9.840            | 9.554          | B    | 2⅝               | 2⅞         | 2⅞ | 3⅞ | 1⅝ <sub>32</sub> | 1¼ | 0.275 | 1.407 | 24.60 | 22.60    | 9.22                  |  |
| 68        | T40SF68     | SF      | 11.120           | 10.826         | B    | 2⅞ <sub>16</sub> | 2¼         | 2¼ | 4⅞ | 1⅞ <sub>32</sub> | 1¼ | 0.275 | 1.407 | 31.98 | 29.98    | 11.04                 |  |
| 72        | T40SF72     | SF      | 11.750           | 11.463         | B    | 2⅞ <sub>16</sub> | 2¼         | 2¼ | 4⅞ | 1⅞ <sub>32</sub> | 1¼ | 0.275 | 1.407 | 37.40 | 34.40    | 12.06                 |  |
| 76        | T40SF76     | SF      | 12.390           | 12.099         | B    | 2⅞ <sub>16</sub> | 2¼         | 2¼ | 4⅞ | 1⅞ <sub>32</sub> | 1¼ | 0.275 | 1.407 | 51.92 | 48.92    | 14.98                 |  |
| 84        | T40SF84     | SF      | 13.660           | 13.372         | B    | 2⅞ <sub>16</sub> | 2¼         | 2¼ | 4⅞ | 1⅞ <sub>32</sub> | 1¼ | 0.275 | 1.407 | 56.70 | 53.78    | 19.72                 |  |
| 95        | T40SF95     | SF      | 15.410           | 15.122         | B    | 2⅞ <sub>16</sub> | 2¼         | 2¼ | 4⅞ | 1⅞ <sub>32</sub> | 1¼ | 0.275 | 1.407 | 58.94 | 55.94    | 22.20                 |  |
| 102       | T40SF102    | SF      | 16.530           | 16.236         | B    | 2⅞ <sub>16</sub> | 2¼         | 2¼ | 4⅞ | 1⅞ <sub>32</sub> | 1¼ | 0.275 | 1.407 | 62.24 | 59.24    | 25.20                 |  |

# No.40 $\frac{1}{2}$ " Pitch All Steel Stock Sprockets

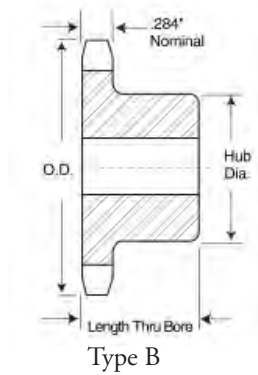
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QD - Type A

## Single - Type A—Steel

| No.<br>Teeth | Port Number | Diameters        |                | Type | Min.<br>Bore  | Max.<br>Bore     | Dimensions       |                |                  |        | Weight Lbs. (Approx.) |
|--------------|-------------|------------------|----------------|------|---------------|------------------|------------------|----------------|------------------|--------|-----------------------|
|              |             | Outside Diameter | Pitch Diameter |      |               |                  | L1               | C              | E                | W Nom. |                       |
| 15           | DS40A15     | 2.650            | 2.405          | A    | $\frac{1}{2}$ | $1\frac{1}{4}$   | $1\frac{13}{32}$ | $1\frac{1}{8}$ | $1\frac{13}{16}$ | .284   | 1.2                   |
| 16           | DS40A16     | 2.810            | 2.563          | A    | $\frac{1}{2}$ | $1\frac{1}{4}$   | $1\frac{13}{32}$ | $1\frac{1}{8}$ | 2                | .284   | 1.4                   |
| 17           | DS40A17     | 2.980            | 2.721          | A    | $\frac{1}{2}$ | $1\frac{3}{16}$  | $1\frac{13}{32}$ | $1\frac{1}{8}$ | $2\frac{1}{8}$   | .284   | 1.6                   |
| 18           | DS40A18     | 3.140            | 2.879          | A    | $\frac{1}{2}$ | $1\frac{1}{2}$   | $1\frac{13}{32}$ | $1\frac{1}{8}$ | $2\frac{5}{16}$  | .284   | 1.8                   |
| 19           | DS40A19     | 3.300            | 3.038          | A    | $\frac{5}{8}$ | $1\frac{11}{16}$ | $1\frac{13}{32}$ | $1\frac{1}{8}$ | $2\frac{1}{2}$   | .284   | 2.2                   |
| 20           | DS40A20     | 3.460            | 3.196          | A    | $\frac{5}{8}$ | $1\frac{3}{4}$   | $1\frac{13}{32}$ | $1\frac{1}{8}$ | $2\frac{5}{8}$   | .284   | 2.6                   |
| 21           | DS40A21     | 3.620            | 3.355          | A    | $\frac{5}{8}$ | $1\frac{3}{4}$   | $1\frac{13}{32}$ | $1\frac{1}{8}$ | $2\frac{25}{32}$ | .284   | 2.9                   |
| 22           | DS40A22     | 3.780            | 3.513          | A    | $\frac{5}{8}$ | $1\frac{13}{16}$ | $1\frac{13}{32}$ | $1\frac{1}{8}$ | $2\frac{15}{16}$ | .284   | 3.0                   |
| 23           | DS40A23     | 3.940            | 3.672          | A    | $\frac{5}{8}$ | $2\frac{1}{16}$  | $1\frac{13}{32}$ | $1\frac{1}{8}$ | $3\frac{3}{32}$  | .284   | 3.5                   |
| 24           | DS40A24     | 4.100            | 3.831          | A    | $\frac{5}{8}$ | $2\frac{1}{4}$   | $1\frac{13}{32}$ | $1\frac{1}{8}$ | $3\frac{17}{64}$ | .284   | 4.0                   |
| 25           | DS40A25     | 4.260            | 3.989          | A    | $\frac{5}{8}$ | $2\frac{1}{4}$   | $1\frac{13}{32}$ | $1\frac{1}{8}$ | $3\frac{7}{16}$  | .284   | 4.5                   |



Type B

### Single - Type B – Stainless

### Single - Type A

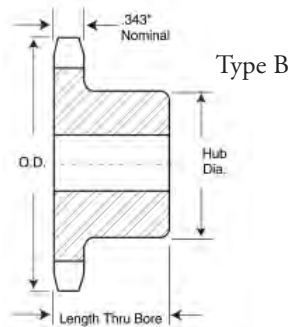
\* Has recessed groove in hub for chain clearance.

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches) |                 | Hub (inches)      |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore      | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------------|-------------------|------------------|--------------------|------|-------------|-----------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max        | Diameter          | Length Thru Bore |                    |      |             |                 |                       |
| 8         | 40B8SS      | 1.507            | B    | $\frac{1}{2}$ | $\frac{1}{2}$   | $\frac{31}{32}$   | $\frac{7}{8}$    | 0.18               | —    | —           | —               | —                     |
| 9         | 40B9SS      | 1.840            | B    | $\frac{1}{2}$ | $\frac{9}{16}$  | $1\frac{1}{16}$   | $\frac{7}{8}$    | 0.20               | —    | —           | —               | —                     |
| 10        | 40B10SS     | 1.840            | B    | $\frac{1}{2}$ | $\frac{3}{4}$   | $1\frac{1}{4}$ *  | $\frac{7}{8}$    | 0.28               | —    | —           | —               | —                     |
| 11        | 40B11SS     | 2.000            | B    | $\frac{1}{2}$ | $1\frac{3}{16}$ | $1\frac{3}{8}$ *  | $\frac{7}{8}$    | 0.36               | —    | —           | —               | —                     |
| 12        | 40B12SS     | 2.170            | B    | $\frac{1}{2}$ | $1\frac{5}{16}$ | $1\frac{9}{16}$ * | $\frac{7}{8}$    | 0.44               | —    | —           | —               | —                     |
| 13        | 40B13SS     | 2.330            | B    | $\frac{1}{2}$ | $1\frac{1}{2}$  | $1\frac{1}{2}$    | $\frac{7}{8}$    | 0.50               | A    | 40A13SS     | $\frac{1}{2}$   | 0.22                  |
| 14        | 40B14SS     | 2.490            | B    | $\frac{1}{2}$ | $1\frac{1}{8}$  | $1\frac{11}{16}$  | $\frac{7}{8}$    | 0.60               | A    | 40A14SS     | $\frac{1}{2}$   | 0.26                  |
| 15        | 40B15SS     | 2.650            | B    | $\frac{1}{2}$ | $1\frac{1}{4}$  | $1\frac{13}{16}$  | $\frac{7}{8}$    | 0.68               | A    | 40A15SS     | $\frac{5}{8}$   | 0.30                  |
| 16        | 40B16SS     | 2.810            | B    | $\frac{5}{8}$ | $1\frac{3}{8}$  | 2                 | $\frac{7}{8}$    | 0.82               | A    | 40A16SS     | $\frac{5}{8}$   | 0.34                  |
| 17        | 40B17SS     | 2.980            | B    | $\frac{5}{8}$ | $1\frac{7}{16}$ | $2\frac{1}{8}$    | 1                | 1.06               | A    | 40A17SS     | $\frac{5}{8}$   | 0.36                  |
| 18        | 40B18SS     | 3.140            | B    | $\frac{5}{8}$ | $1\frac{1}{2}$  | $2\frac{5}{16}$   | 1                | 1.24               | A    | 40A18SS     | $\frac{5}{8}$   | 0.44                  |
| 19        | 40B19SS     | 3.300            | B    | $\frac{5}{8}$ | $1\frac{3}{4}$  | $2\frac{1}{2}$    | 1                | 1.42               | A    | 40A19SS     | $\frac{5}{8}$   | 0.46                  |
| 20        | 40B20SS     | 3.460            | B    | $\frac{5}{8}$ | $1\frac{7}{8}$  | $2\frac{3}{8}$    | 1                | 1.60               | A    | 40A20SS     | $\frac{5}{8}$   | 0.56                  |
| 21        | 40B21SS     | 3.620            | B    | $\frac{5}{8}$ | $1\frac{7}{8}$  | $2\frac{3}{4}$    | 1                | 1.68               | A    | 40A21SS     | $\frac{5}{8}$   | 0.58                  |
| 22        | 40B22SS     | 3.780            | B    | $\frac{5}{8}$ | $1\frac{7}{8}$  | $2\frac{7}{8}$    | 1                | 1.81               | A    | 40A22SS     | $\frac{5}{8}$   | 0.66                  |
| 23        | 40B23SS     | 3.940            | B    | $\frac{5}{8}$ | 2               | 3                 | 1                | 2.14               | A    | 40A23SS     | $\frac{5}{8}$   | 0.72                  |
| 24        | 40B24SS     | 4.100            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{1}{4}$    | 1                | 2.46               | A    | 40A24SS     | $\frac{5}{8}$   | 0.82                  |
| 25        | 40B25SS     | 4.260            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{3}{4}$    | 1                | 2.55               | A    | 40A25SS     | $\frac{5}{8}$   | 0.88                  |
| 26        | 40B26SS     | 4.420            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{3}{4}$    | 1                | 2.62               | A    | 40A26SS     | $1\frac{9}{32}$ | 1.31                  |
| 28        | 40B28SS     | 4.740            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{3}{4}$    | 1                | 2.75               | A    | 40A28SS     | $1\frac{9}{32}$ | 1.35                  |
| 30        | 40B30SS     | 5.060            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{3}{4}$    | 1                | 2.88               | A    | 40A30SS     | $1\frac{9}{32}$ | 1.39                  |
| 32        | 40B32SS     | 5.376            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{3}{4}$    | 1                | 3.16               | A    | 40A32SS     | $1\frac{9}{32}$ | 1.48                  |
| 35        | 40B35SS     | 5.860            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{3}{4}$    | 1                | 3.32               | A    | 40A35SS     | $1\frac{9}{32}$ | 1.92                  |
| 36        | 40B36SS     | 6.015            | B    | $\frac{5}{8}$ | $2\frac{1}{4}$  | $3\frac{3}{4}$    | 1                | 3.58               | A    | 40A36SS     | $1\frac{9}{32}$ | 1.84                  |
| 40        | 40B40SS     | 6.650            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | $3\frac{1}{2}$    | $1\frac{1}{8}$   | 4.28               | A    | 40A40SS     | $2\frac{3}{32}$ | 2.36                  |
| 45        | 40B45SS     | 7.450            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | $3\frac{1}{2}$    | $1\frac{1}{8}$   | 4.68               | A    | 40A45SS     | $2\frac{3}{32}$ | 3.13                  |
| 48        | 40B48SS     | 7.928            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | $3\frac{1}{2}$    | $1\frac{1}{8}$   | 5.84               | A    | 40A48SS     | $2\frac{3}{32}$ | 3.22                  |
| 54        | 40B54SS     | 8.884            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | $3\frac{1}{2}$    | $1\frac{1}{8}$   | 6.42               | A    | 40A54SS     | $2\frac{3}{32}$ | 4.44                  |
| 60        | 40B60SS     | 9.840            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$  | $3\frac{1}{2}$    | $1\frac{1}{8}$   | 7.00               | A    | 40A60SS     | $2\frac{3}{32}$ | 5.50                  |

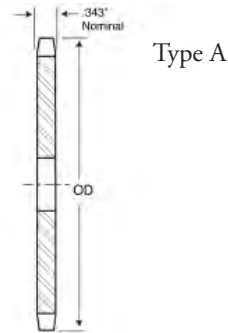


# No.50 $\frac{5}{8}$ " Pitch All Steel Stock Sprockets

# TOLTEC INCORPORATED



Single - Type B

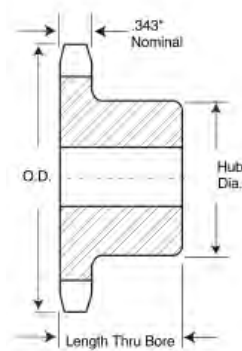


Single - Type A

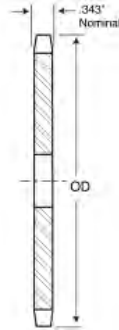
\* Has recessed groove in hub for chain clearance.

| No. Teeth | Part Number | Outside Diameter | Type | Bore(inches)   |                | Hub(inches)      |                | Wt. Lbs.<br>(Approx.) | Type | Part Number | Stock Bore      | Weight Lbs.<br>(Approx.) |
|-----------|-------------|------------------|------|----------------|----------------|------------------|----------------|-----------------------|------|-------------|-----------------|--------------------------|
|           |             |                  |      | Stock          | Rec. Max       | Diameter         | Length Thru    |                       |      |             |                 |                          |
| 8         | 50B8H       | 1.880            | B    | $\frac{5}{16}$ | $\frac{3}{8}$  | $1\frac{1}{8}$ * | 1              | 0.25                  | —    | —           | —               | —                        |
| 9         | 50B9H       | 2.090            | B    | $\frac{5}{16}$ | $\frac{3}{4}$  | $1\frac{3}{8}$ * | 1              | 0.36                  | —    | —           | —               | —                        |
| 10        | 50B10H      | 2.300            | B    | $\frac{5}{16}$ | $\frac{7}{8}$  | $1\frac{1}{2}$ * | 1              | 0.48                  | —    | —           | —               | —                        |
| 11        | 50B11H      | 2.500            | B    | $\frac{5}{16}$ | 1              | $1\frac{3}{4}$ * | 1              | 0.64                  | —    | —           | —               | —                        |
| 12        | 50B12H      | 2.710            | B    | $\frac{5}{16}$ | $1\frac{1}{4}$ | $1\frac{5}{8}$ * | 1              | 0.83                  | A    | 50A12       | $\frac{5}{16}$  | 0.34                     |
| 13        | 50B13H      | 2.910            | B    | $\frac{5}{16}$ | $1\frac{1}{2}$ | $1\frac{7}{8}$   | 1              | 0.88                  | A    | 50A13       | $\frac{5}{16}$  | 0.42                     |
| 14        | 50B14H      | 3.110            | B    | $\frac{5}{16}$ | $1\frac{3}{4}$ | $2\frac{1}{8}$   | 1              | 1.13                  | A    | 50A14       | $\frac{5}{16}$  | 0.50                     |
| 15        | 50B15H      | 3.320            | B    | $\frac{5}{16}$ | $1\frac{1}{2}$ | $2\frac{3}{8}$   | 1              | 1.34                  | A    | 50A15       | $\frac{5}{16}$  | 0.54                     |
| 16        | 50B16H      | 3.520            | B    | $\frac{5}{16}$ | $1\frac{3}{4}$ | $2\frac{1}{2}$   | 1              | 1.51                  | A    | 50A16       | $\frac{5}{16}$  | 0.68                     |
| 17        | 50B17H      | 3.720            | B    | $\frac{5}{16}$ | $1\frac{7}{8}$ | $2\frac{1}{2}$   | 1              | 1.74                  | A    | 50A17       | $\frac{5}{16}$  | 0.76                     |
| 18        | 50B18H      | 3.920            | B    | $\frac{5}{16}$ | $1\frac{7}{8}$ | $2\frac{3}{4}$   | 1              | 2.00                  | A    | 50A18       | $\frac{5}{16}$  | 0.86                     |
| 19        | 50B19H      | 4.120            | B    | $\frac{5}{16}$ | 2              | 3                | 1              | 2.22                  | A    | 50A19       | $\frac{5}{16}$  | 0.94                     |
| 20        | 50B20H      | 4.320            | B    | $\frac{3}{4}$  | 2              | 3                | 1              | 2.28                  | A    | 50A20       | $\frac{3}{4}$   | 1.06                     |
| 21        | 50B21H      | 4.520            | B    | $\frac{3}{4}$  | 2              | 3                | 1              | 2.40                  | A    | 50A21       | $\frac{3}{4}$   | 1.12                     |
| 22        | 50B22H      | 4.720            | B    | $\frac{3}{4}$  | 2              | 3                | 1              | 2.56                  | A    | 50A22       | $\frac{3}{4}$   | 1.30                     |
| 23        | 50B23H      | 4.920            | B    | $\frac{3}{4}$  | 2              | 3                | 1              | 2.66                  | A    | 50A23       | $\frac{3}{4}$   | 1.44                     |
| 24        | 50B24H      | 5.120            | B    | $\frac{3}{4}$  | 2              | 3                | $1\frac{1}{4}$ | 3.30                  | A    | 50A24       | $2\frac{3}{32}$ | 1.50                     |
| 25        | 50B25H      | 5.320            | B    | $\frac{3}{4}$  | 2              | 3                | $1\frac{1}{4}$ | 3.40                  | A    | 50A25       | $2\frac{3}{32}$ | 1.62                     |
| 26        | 50B26H      | 5.520            | B    | $\frac{3}{4}$  | 2              | 3                | $1\frac{1}{4}$ | 3.44                  | A    | 50A26       | $2\frac{3}{32}$ | 1.72                     |
| 27        | 50B27H      | 5.720            | B    | $\frac{3}{4}$  | 2              | 3                | $1\frac{1}{4}$ | 3.74                  | A    | 50A27       | $2\frac{3}{32}$ | 1.96                     |
| 28        | 50B28H      | 5.920            | B    | $\frac{3}{4}$  | 2              | 3                | $1\frac{1}{4}$ | 3.80                  | A    | 50A28       | $2\frac{3}{32}$ | 2.04                     |
| 29        | 50B29H      | 6.120            | B    | $\frac{3}{4}$  | 2              | 3                | $1\frac{1}{4}$ | 4.06                  | A    | 50A29       | $2\frac{3}{32}$ | 2.36                     |
| 30        | 50B30H      | 6.320            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$ | $3\frac{1}{4}$   | $1\frac{1}{4}$ | 4.56                  | A    | 50A30       | $2\frac{3}{32}$ | 2.54                     |
| 31        | 50B31H      | 6.520            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$ | $3\frac{1}{4}$   | $1\frac{1}{4}$ | 4.74                  | A    | 50A31       | $2\frac{3}{32}$ | 2.80                     |
| 32        | 50B32H      | 6.720            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$ | $3\frac{1}{4}$   | $1\frac{1}{4}$ | 4.96                  | A    | 50A32       | $2\frac{3}{32}$ | 2.72                     |
| 33        | 50B33H      | 6.920            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$ | $3\frac{1}{4}$   | $1\frac{1}{4}$ | 5.20                  | A    | 50A33       | $2\frac{3}{32}$ | 3.14                     |
| 34        | 50B34H      | 7.120            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$ | $3\frac{1}{4}$   | $1\frac{1}{4}$ | 5.14                  | A    | 50A34       | $2\frac{3}{32}$ | 3.20                     |
| 35        | 50B35H      | 7.320            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$ | $3\frac{1}{4}$   | $1\frac{1}{4}$ | 5.44                  | A    | 50A35       | $2\frac{3}{32}$ | 3.34                     |
| 36        | 50B36H      | 7.520            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$ | $3\frac{1}{4}$   | $1\frac{1}{4}$ | 5.64                  | A    | 50A36       | $2\frac{3}{32}$ | 3.82                     |
| 37        | 50B37H      | 7.720            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$ | $3\frac{1}{4}$   | $1\frac{1}{4}$ | 5.90                  | A    | 50A37       | $2\frac{3}{32}$ | 3.98                     |
| 38        | 50B38H      | 7.920            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$ | $3\frac{1}{4}$   | $1\frac{1}{4}$ | 6.08                  | A    | 50A38       | $2\frac{3}{32}$ | 4.14                     |
| 39        | 50B39H      | 8.120            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$ | $3\frac{1}{4}$   | $1\frac{1}{4}$ | 6.30                  | A    | 50A39       | $2\frac{3}{32}$ | 4.42                     |
| 40        | 50B40H      | 8.320            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$ | $3\frac{1}{4}$   | $1\frac{1}{4}$ | 6.50                  | A    | 50A40       | $2\frac{3}{32}$ | 4.46                     |
| 41        | 50B41H      | 8.520            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$ | $3\frac{1}{4}$   | $1\frac{1}{4}$ | 6.64                  | A    | 50A41       | $2\frac{3}{32}$ | 4.86                     |
| 42        | 50B42H      | 8.720            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$ | $3\frac{1}{4}$   | $1\frac{1}{4}$ | 6.96                  | A    | 50A42       | $2\frac{3}{32}$ | 4.98                     |

Table continued on next page.



Type B



Type A

Single - Type B

Single - Type A

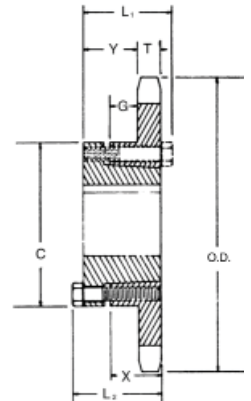
| No. Teeth | Port Number | Outside Diameter | Type | Bore          |                | Hub            |                  | Wt. Lbs.<br>(Approx.) | Type | Port Number | Stock Bore      | Weight Lbs.<br>(Approx.) |
|-----------|-------------|------------------|------|---------------|----------------|----------------|------------------|-----------------------|------|-------------|-----------------|--------------------------|
|           |             |                  |      | Stock         | Rec. Max       | Diameter       | Length Thru Bore |                       |      |             |                 |                          |
| 43        | 50B43H      | 8.910            | B    | $\frac{3}{4}$ | $2\frac{1}{4}$ | $3\frac{1}{4}$ | $1\frac{1}{4}$   | 7.06                  | A    | 50A43       | $2\frac{3}{32}$ | 5.24                     |
| 44        | 50B44H      | 9.110            | B    | $\frac{3}{4}$ | $2\frac{1}{4}$ | $3\frac{1}{4}$ | $1\frac{1}{4}$   | 7.58                  | A    | 50A44       | $2\frac{3}{32}$ | 5.42                     |
| 45        | 50B45H      | 9.310            | B    | $\frac{3}{4}$ | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 8.58                  | A    | 50A45       | $2\frac{3}{32}$ | 5.92                     |
| 46        | 50B46H      | 9.510            | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 8.22                  | A    | 50A46       | $1\frac{5}{16}$ | 6.42                     |
| 47        | 50B47H      | 9.710            | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 8.48                  | A    | 50A47       | $1\frac{5}{16}$ | 6.50                     |
| 48        | 50B48H      | 9.910            | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 9.28                  | A    | 50A48       | $1\frac{5}{16}$ | 6.58                     |
| 49        | 50B49H      | 10.110           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 9.22                  | A    | 50A49       | $1\frac{5}{16}$ | 7.06                     |
| 50        | 50B50H      | 10.310           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 9.88                  | A    | 50A50       | $1\frac{5}{16}$ | 7.10                     |
| 51        | 50B51H      | 10.510           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 9.70                  | A    | 50A51       | $1\frac{5}{16}$ | 7.32                     |
| 52        | 50B52H      | 10.710           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 10.24                 | A    | 50A52       | $1\frac{5}{16}$ | 7.98                     |
| 53        | 50B53H      | 10.910           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 10.48                 | A    | 50A53       | $1\frac{5}{16}$ | 8.08                     |
| 54        | 50B54H      | 11.110           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 11.00                 | A    | 50A54       | $1\frac{5}{16}$ | 8.30                     |
| 55        | 50B55H      | 11.310           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 10.93                 | A    | 50A55       | $1\frac{5}{16}$ | 8.56                     |
| 56        | 50B56H      | 11.500           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 11.50                 | A    | 50A56       | $1\frac{5}{16}$ | 8.90                     |
| 57        | 50B57H      | 11.700           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 12.00                 | A    | 50A57       | $1\frac{5}{16}$ | 9.38                     |
| 58        | 50B58H      | 11.900           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 11.82                 | A    | 50A58       | $1\frac{5}{16}$ | 10.30                    |
| 59        | 50B59H      | 12.100           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 12.32                 | A    | 50A59       | $1\frac{5}{16}$ | 10.50                    |
| 60        | 50B60H      | 12.300           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{1}{4}$   | 13.00                 | A    | 50A60       | $1\frac{5}{16}$ | 10.80                    |
| 70        | 50B70H      | 14.290           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{3}{4}$   | 18.16                 | A    | 50A70       | $1\frac{5}{16}$ | 14.00                    |
| 72        | 50B72H      | 14.690           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{3}{4}$   | 19.48                 | A    | 50A72       | $1\frac{5}{16}$ | 15.24                    |
| 76        | 50B76H      | 15.486           | B    | 1             | $2\frac{1}{2}$ | $3\frac{3}{4}$ | $1\frac{3}{4}$   | 21.00                 | A    | 50A76       | $1\frac{5}{16}$ | 20.08                    |
| 80        | 50B80H      | 16.280           | B    | 1             | $2\frac{3}{4}$ | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 24.74                 | A    | 50A80       | $1\frac{5}{16}$ | 21.00                    |
| 84        | 50B84H      | 17.080           | B    | 1             | $2\frac{3}{4}$ | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 25.50                 | A    | 50A84       | $1\frac{5}{16}$ | 22.08                    |
| 95        | 50B95H      | 19.270           | B    | 1             | $2\frac{3}{4}$ | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 32.00                 | A    | 50A95       | $1\frac{5}{16}$ | 27.00                    |
| 96        | 50B96H      | 19.470           | B    | 1             | $2\frac{3}{4}$ | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 32.92                 | A    | 50A96       | $1\frac{5}{16}$ | 27.40                    |
| 112       | 50B112H     | 22.650           | B    | 1             | $2\frac{3}{4}$ | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 42.00                 | A    | 50A112      | $1\frac{5}{16}$ | 37.70                    |

# No.50 $\frac{5}{8}$ " Pitch All Steel Stock Sprockets

# TOLTEC INCORPORATED

## Single - Type QD With Hardened Teeth

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

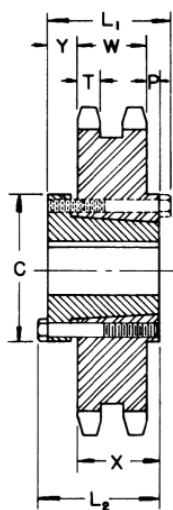
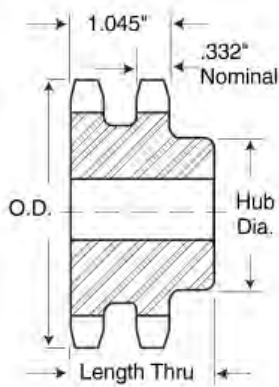


QD - Type B

## Single - Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore         | Dimensions       |                  |                   |                   |                  |                  |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|-------------------|------------------|------------------|-------------------|-------------------|------------------|------------------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |                   | L1               | L2               | C                 | Y                 | G                | X                | T     | With Hub              | Rim Only |
| 12        | 50JA12      | JA      | 2.710            | 2.415          | B    | 1 $\frac{1}{4}$   | 1 $\frac{1}{8}$  | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$  | 2 $\frac{1}{32}$  | $\frac{9}{32}$   | $\frac{5}{8}$    | 0.343 | 1.24                  | 0.34     |
| 13        | 50JA13      | JA      | 2.910            | 2.612          | B    | 1 $\frac{1}{4}$   | 1 $\frac{1}{8}$  | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$  | 2 $\frac{1}{32}$  | $\frac{9}{32}$   | $\frac{5}{8}$    | 0.343 | 1.30                  | 0.40     |
| 14        | 50JA14      | JA      | 3.110            | 2.803          | B    | 1 $\frac{1}{4}$   | 1 $\frac{1}{8}$  | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$  | 2 $\frac{1}{32}$  | $\frac{9}{32}$   | $\frac{5}{8}$    | 0.343 | 1.45                  | 0.52     |
| 15        | 50JA15      | JA      | 3.320            | 3.006          | B    | 1 $\frac{1}{4}$   | 1 $\frac{1}{8}$  | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$  | 2 $\frac{1}{32}$  | $\frac{9}{32}$   | $\frac{5}{8}$    | 0.343 | 1.50                  | 0.60     |
| 16        | 50JA16      | JA      | 3.520            | 3.204          | B    | 1 $\frac{1}{4}$   | 1 $\frac{1}{8}$  | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$  | 2 $\frac{1}{32}$  | $\frac{9}{32}$   | $\frac{5}{8}$    | 0.343 | 1.58                  | 0.68     |
| 17        | 50SH17      | SH      | 3.720            | 3.401          | B    | 1 $\frac{3}{8}$   | 1 $\frac{7}{16}$ | 1 $\frac{7}{16}$ | 2 $\frac{11}{16}$ | 2 $\frac{9}{32}$  | 1 $\frac{5}{32}$ | 1 $\frac{3}{16}$ | 0.343 | 1.84                  | 0.84     |
| 18        | 50SH18      | SH      | 3.920            | 3.599          | B    | 1 $\frac{3}{8}$   | 1 $\frac{7}{16}$ | 1 $\frac{7}{16}$ | 2 $\frac{11}{16}$ | 2 $\frac{9}{32}$  | 1 $\frac{5}{32}$ | 1 $\frac{3}{16}$ | 0.343 | 2.04                  | 1.04     |
| 19        | 50SH19      | SH      | 4.120            | 3.797          | B    | 1 $\frac{3}{8}$   | 1 $\frac{7}{16}$ | 1 $\frac{7}{16}$ | 2 $\frac{11}{16}$ | 2 $\frac{9}{32}$  | 1 $\frac{5}{32}$ | 1 $\frac{3}{16}$ | 0.343 | 2.24                  | 1.24     |
| 20        | 50SDS20     | SDS     | 4.320            | 3.995          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 2.20                  | 1.20     |
| 21        | 50SDS21     | SDS     | 4.520            | 4.194          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 2.32                  | 1.32     |
| 22        | 50SDS22     | SDS     | 4.720            | 4.392          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 2.48                  | 1.42     |
| 23        | 50SDS23     | SDS     | 4.920            | 4.590          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 2.58                  | 1.58     |
| 24        | 50SDS24     | SDS     | 5.120            | 4.788          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 2.70                  | 1.70     |
| 25        | 50SDS25     | SDS     | 5.320            | 4.987          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 2.86                  | 1.86     |
| 26        | 50SDS26     | SDS     | 5.520            | 5.185          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 3.00                  | 2.00     |
| 27        | 50SDS27     | SDS     | 5.720            | 5.384          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 3.12                  | 2.12     |
| 28        | 50SDS28     | SDS     | 5.920            | 5.582          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 3.32                  | 2.32     |
| 30        | 50SDS30     | SDS     | 6.320            | 5.979          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 3.64                  | 2.64     |
| 32        | 50SDS32     | SDS     | 6.720            | 6.376          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 3.98                  | 2.98     |
| 35        | 50SDS35     | SDS     | 7.320            | 6.972          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 4.62                  | 3.62     |
| 36        | 50SDS36     | SDS     | 7.520            | 7.171          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 4.64                  | 3.64     |
| 40        | 50SDS40     | SDS     | 8.320            | 7.966          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 5.74                  | 4.74     |
| 42        | 50SDS42     | SDS     | 8.720            | 8.363          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 6.40                  | 5.40     |
| 45        | 50SDS45     | SDS     | 9.310            | 8.960          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 6.90                  | 5.90     |
| 48        | 50SDS48     | SDS     | 9.910            | 9.556          | B    | 2                 | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$  | 3 $\frac{1}{32}$  | 1 $\frac{3}{32}$ | $\frac{3}{4}$    | 0.343 | 7.66                  | 6.66     |
| 54        | 50SK54      | SK      | 11.110           | 10.749         | B    | 2 $\frac{5}{8}$   | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$   | 1 $\frac{17}{32}$ | 2 $\frac{9}{32}$ | 1 $\frac{1}{4}$  | 0.343 | 11.68                 | 9.68     |
| 60        | 50SK60      | SK      | 12.300           | 11.942         | B    | 2 $\frac{5}{8}$   | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$   | 1 $\frac{17}{32}$ | 2 $\frac{9}{32}$ | 1 $\frac{1}{4}$  | 0.343 | 13.88                 | 11.88    |
| 70        | 50SK70      | SK      | 14.290           | 13.931         | B    | 2 $\frac{5}{8}$   | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$   | 1 $\frac{17}{32}$ | 2 $\frac{9}{32}$ | 1 $\frac{1}{4}$  | 0.343 | 17.52                 | 15.52    |
| 72        | 50SK72      | SK      | 14.690           | 14.329         | B    | 2 $\frac{5}{8}$   | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$   | 1 $\frac{17}{32}$ | 2 $\frac{9}{32}$ | 1 $\frac{1}{4}$  | 0.343 | 18.44                 | 16.44    |
| 80        | 50SF80      | SF      | 16.280           | 15.920         | B    | 2 $\frac{15}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$   | 1 $\frac{21}{32}$ | 2 $\frac{9}{32}$ | 1 $\frac{1}{4}$  | 0.343 | 22.90                 | 19.90    |
| 84        | 50SF84      | SF      | 17.080           | 16.715         | B    | 2 $\frac{15}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$   | 1 $\frac{21}{32}$ | 2 $\frac{9}{32}$ | 1 $\frac{1}{4}$  | 0.343 | 25.98                 | 22.98    |
| 96        | 50SF96      | SF      | 19.470           | 19.102         | B    | 2 $\frac{15}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$   | 1 $\frac{21}{32}$ | 2 $\frac{9}{32}$ | 1 $\frac{1}{4}$  | 0.343 | 32.88                 | 29.88    |
| 112       | 50SF112     | SF      | 22.650           | 22.285         | B    | 2 $\frac{15}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$   | 1 $\frac{21}{32}$ | 2 $\frac{9}{32}$ | 1 $\frac{1}{4}$  | 0.343 | 43.10                 | 40.10    |

### Double- Type B



QD —Type C

### Double- Type QD

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches)   |                 | Hub (inches)    |                | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|-----------------|-----------------|-----------------|----------------|-----------------------|
|           |             |                  |      | Stock           | Rec. Max.       | Diameter        | Length Thru    |                       |
| 11        | D50B11H     | 2.500            | B    | $\frac{3}{8}$   | $1\frac{1}{16}$ | $1\frac{1}{32}$ | $1\frac{3}{4}$ | 0.96                  |
| 12        | D50B12H     | 2.710            | B    | $\frac{3}{8}$   | $1\frac{1}{8}$  | $1\frac{1}{16}$ | $1\frac{3}{4}$ | 1.25                  |
| 13        | D50B13H     | 2.910            | B    | $\frac{3}{8}$   | $1\frac{1}{8}$  | $1\frac{1}{8}$  | $1\frac{3}{4}$ | 1.56                  |
| 14        | D50B14H     | 3.110            | B    | $\frac{3}{8}$   | $1\frac{3}{8}$  | $2\frac{1}{16}$ | $1\frac{3}{4}$ | 1.86                  |
| 15        | D50B15H     | 3.320            | B    | $\frac{3}{4}$   | $1\frac{1}{2}$  | $2\frac{3}{16}$ | $1\frac{3}{4}$ | 2.22                  |
| 16        | D50B16H     | 3.520            | B    | $\frac{3}{4}$   | $1\frac{3}{4}$  | $2\frac{1}{2}$  | $1\frac{3}{4}$ | 2.62                  |
| 17        | D50B17H     | 3.720            | B    | $\frac{3}{4}$   | $1\frac{7}{8}$  | $2\frac{1}{16}$ | $1\frac{3}{4}$ | 3.04                  |
| 18        | D50B18H     | 3.920            | B    | $\frac{3}{4}$   | $1\frac{1}{2}$  | $2\frac{3}{8}$  | $1\frac{3}{4}$ | 3.58                  |
| 19        | D50B19H     | 4.120            | B    | 1               | $2\frac{1}{8}$  | $3\frac{1}{8}$  | $1\frac{3}{4}$ | 3.90                  |
| 20        | D50B20H     | 4.320            | B    | 1               | $2\frac{1}{4}$  | $3\frac{1}{4}$  | $1\frac{3}{4}$ | 4.26                  |
| 21        | D50B21H     | 4.520            | B    | 1               | $2\frac{3}{8}$  | $3\frac{1}{2}$  | $1\frac{3}{4}$ | 4.90                  |
| 22        | D50B22H     | 4.720            | B    | 1               | $2\frac{3}{8}$  | $3\frac{3}{16}$ | $1\frac{7}{8}$ | 5.58                  |
| 23        | D50B23H     | 4.920            | B    | 1               | $2\frac{1}{2}$  | $3\frac{3}{8}$  | $1\frac{7}{8}$ | 6.10                  |
| 24        | D50B24H     | 5.120            | B    | 1               | $2\frac{1}{2}$  | $3\frac{3}{8}$  | $1\frac{7}{8}$ | 6.50                  |
| 25        | D50B25H     | 5.320            | B    | 1               | $2\frac{1}{2}$  | $3\frac{3}{8}$  | $1\frac{7}{8}$ | 6.94                  |
| 26        | D50B26      | 5.520            | B    | 1               | $2\frac{1}{2}$  | $3\frac{3}{4}$  | $1\frac{7}{8}$ | 7.54                  |
| 30        | D50B30      | 6.320            | B    | 1               | $2\frac{1}{2}$  | $3\frac{3}{4}$  | $1\frac{7}{8}$ | 9.40                  |
| 32        | D50B32      | 6.720            | B    | 1               | $2\frac{1}{2}$  | $3\frac{3}{4}$  | $1\frac{7}{8}$ | 10.46                 |
| 35        | D50B35      | 7.320            | B    | 1               | $2\frac{1}{2}$  | $3\frac{3}{4}$  | $1\frac{7}{8}$ | 12.28                 |
| 36        | D50B36      | 7.520            | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | 4               | $2\frac{1}{8}$ | 13.94                 |
| 40        | D50B40      | 8.320            | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | 4               | $2\frac{1}{8}$ | 16.54                 |
| 42        | D50B42      | 8.720            | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | 4               | $2\frac{1}{8}$ | 17.92                 |
| 45        | D50B45      | 9.310            | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | 4               | $2\frac{1}{8}$ | 20.30                 |
| 48        | D50B48      | 9.910            | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$  | $2\frac{3}{8}$ | 24.08                 |
| 52        | D50B52      | 10.710           | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$  | $2\frac{3}{8}$ | 27.42                 |
| 54        | D50B54      | 11.110           | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$  | $2\frac{3}{8}$ | 29.16                 |
| 60        | D50B60      | 12.300           | B    | $1\frac{1}{16}$ | 3               | $4\frac{1}{2}$  | $2\frac{3}{8}$ | 35.88                 |
| 68        | D50B68      | 13.890           | B    | $1\frac{1}{16}$ | 3               | $4\frac{1}{2}$  | $2\frac{3}{8}$ | 44.98                 |
| 72        | D50B72      | 14.690           | B    | $1\frac{1}{16}$ | 3               | $4\frac{1}{2}$  | $2\frac{3}{8}$ | 50.22                 |
| 76        | D50B76      | 15.490           | B    | $1\frac{1}{16}$ | 3               | $4\frac{1}{2}$  | $2\frac{3}{8}$ | 45.64                 |
| 84        | D50B84      | 17.080           | B    | $1\frac{1}{16}$ | 3               | $4\frac{1}{2}$  | $2\frac{3}{8}$ | 51.64                 |
| 95        | D50B95      | 19.270           | B    | $1\frac{1}{16}$ | 3               | $4\frac{1}{2}$  | $2\frac{3}{8}$ | 64.32                 |
| 96        | D50B96      | 19.470           | B    | $1\frac{1}{16}$ | 3               | $4\frac{1}{2}$  | $2\frac{3}{8}$ | 67.42                 |
| 102       | D50B102     | 20.660           | B    | $1\frac{1}{16}$ | 3               | $4\frac{1}{2}$  | $2\frac{3}{8}$ | 72.68                 |
| 112       | D50B112     | 22.650           | B    | $1\frac{1}{16}$ | $3\frac{1}{16}$ | $5\frac{1}{4}$  | $2\frac{3}{8}$ | 90.22                 |

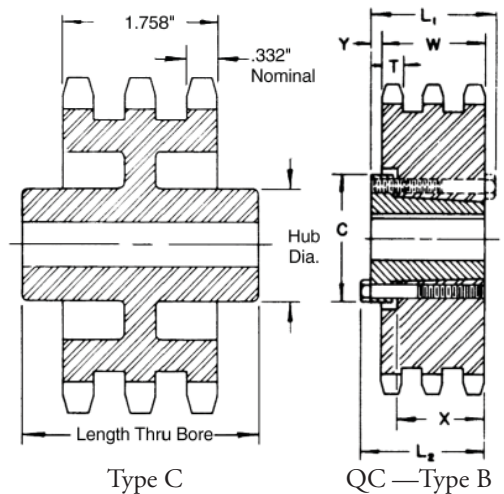
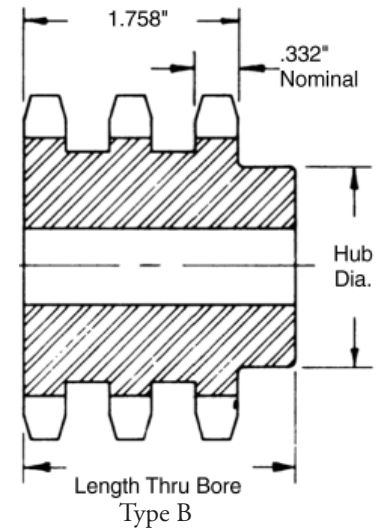
| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore       | Dimensions     |                |                |               |                 |                |       |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|-----------------|----------------|----------------|----------------|---------------|-----------------|----------------|-------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |                 | L1             | L2             | C              | Y             | P               | X              | T     | W     | With Hub              | Rim Only |
| 36        | D50SK36     | SK      | 7.520            | 7.171          | C    | $2\frac{3}{8}$  | $2\frac{1}{8}$ | $2\frac{1}{8}$ | $3\frac{7}{8}$ | $\frac{5}{8}$ | $1\frac{3}{64}$ | $1\frac{1}{4}$ | 0.332 | 1.045 | 11.08                 | 9.08     |
| 42        | D50SK42     | SK      | 8.720            | 8.363          | C    | $2\frac{3}{8}$  | $2\frac{1}{8}$ | $2\frac{1}{8}$ | $3\frac{7}{8}$ | $\frac{5}{8}$ | $1\frac{3}{64}$ | $1\frac{1}{4}$ | 0.332 | 1.045 | 15.16                 | 13.16    |
| 48        | D50SK48     | SK      | 9.910            | 9.556          | C    | $2\frac{3}{8}$  | $2\frac{1}{8}$ | $2\frac{1}{8}$ | $3\frac{7}{8}$ | $\frac{5}{8}$ | $1\frac{3}{64}$ | $1\frac{1}{4}$ | 0.332 | 1.045 | 19.90                 | 17.90    |
| 52        | D50SF52     | SF      | 10.710           | 10.351         | C    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{3}{8}$ | $\frac{3}{4}$ | $1\frac{3}{64}$ | $1\frac{1}{4}$ | 0.332 | 1.045 | 24.26                 | 21.26    |
| 54        | D50SF54     | SF      | 11.110           | 10.749         | C    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{3}{8}$ | $\frac{3}{4}$ | $1\frac{3}{64}$ | $1\frac{1}{4}$ | 0.332 | 1.045 | 26.18                 | 23.18    |
| 60        | D50SF60     | SF      | 12.300           | 11.942         | C    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{3}{8}$ | $\frac{3}{4}$ | $1\frac{3}{64}$ | $1\frac{1}{4}$ | 0.332 | 1.045 | 32.12                 | 29.12    |
| 68        | D50SF68     | SF      | 13.890           | 13.533         | C    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{3}{8}$ | $\frac{3}{4}$ | $1\frac{3}{64}$ | $1\frac{1}{4}$ | 0.332 | 1.045 | 41.16                 | 38.16    |
| 72        | D50SF72     | SF      | 14.690           | 14.329         | C    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{3}{8}$ | $\frac{3}{4}$ | $1\frac{3}{64}$ | $1\frac{1}{4}$ | 0.332 | 1.045 | 46.28                 | 43.26    |
| 76        | D50SF76     | SF      | 15.490           | 15.124         | C    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{3}{8}$ | $\frac{3}{4}$ | $1\frac{3}{64}$ | $1\frac{1}{4}$ | 0.332 | 1.045 | 47.00                 | 44.00    |
| 84        | D50SF84     | SF      | 17.080           | 16.715         | C    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{3}{8}$ | $\frac{3}{4}$ | $1\frac{3}{64}$ | $1\frac{1}{4}$ | 0.332 | 1.045 | 48.89                 | 45.88    |
| 95        | D50SF95     | SF      | 19.270           | 18.903         | C    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{3}{8}$ | $\frac{3}{4}$ | $1\frac{3}{64}$ | $1\frac{1}{4}$ | 0.332 | 1.045 | 61.80                 | 58.88    |
| 102       | D50SF102    | SF      | 20.660           | 20.295         | C    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{3}{8}$ | $\frac{3}{4}$ | $1\frac{3}{64}$ | $1\frac{1}{4}$ | 0.332 | 1.045 | 69.02                 | 66.02    |
| 112       | D50SF112    | SF      | 22.650           | 22.285         | C    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | $4\frac{3}{8}$ | $\frac{3}{4}$ | $1\frac{3}{64}$ | $1\frac{1}{4}$ | 0.332 | 1.045 | 88.26                 | 85.26    |

# No.50-3 $\frac{5}{8}$ " Pitch All Steel Stock Sprockets

# TOLTEC INCORPORATED

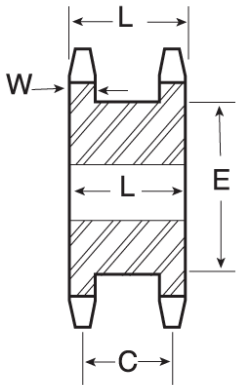
## Triple- Type B & C

| No. Teeth | Part Number | Outside Diameter | Type | Bore (inches)   |                 | Hub (inches)    |                | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|-----------------|-----------------|-----------------|----------------|-----------------------|
|           |             |                  |      | Stock           | Rec. Max.       | Diameter        | Length Thru    |                       |
| 11        | T50B11H     | 2.500            | B    | $\frac{5}{8}$   | $1\frac{1}{16}$ | $1\frac{1}{32}$ | $2\frac{1}{2}$ | 1.42                  |
| 12        | T50B12H     | 2.710            | B    | $\frac{5}{8}$   | $1\frac{1}{8}$  | $1\frac{1}{16}$ | $2\frac{1}{2}$ | 1.84                  |
| 13        | T50B13H     | 2.910            | B    | $\frac{5}{8}$   | $1\frac{1}{16}$ | $1\frac{7}{8}$  | $2\frac{1}{2}$ | 2.28                  |
| 14        | T50B14H     | 3.110            | B    | $\frac{5}{8}$   | $1\frac{3}{8}$  | $2\frac{1}{16}$ | $2\frac{1}{2}$ | 2.72                  |
| 15        | T50B15H     | 3.320            | B    | $\frac{3}{4}$   | $1\frac{1}{2}$  | $2\frac{1}{16}$ | $2\frac{1}{2}$ | 3.24                  |
| 16        | T50B16H     | 3.520            | B    | $\frac{3}{4}$   | $1\frac{3}{4}$  | $2\frac{1}{2}$  | $2\frac{1}{2}$ | 3.76                  |
| 17        | T50B17H     | 3.720            | B    | $\frac{3}{4}$   | $1\frac{7}{8}$  | $2\frac{1}{16}$ | $2\frac{1}{2}$ | 4.38                  |
| 18        | T50B18H     | 3.920            | B    | $\frac{3}{4}$   | $1\frac{1}{2}$  | $2\frac{1}{16}$ | $2\frac{1}{2}$ | 5.10                  |
| 19        | T50B19H     | 4.120            | B    | 1               | $2\frac{1}{8}$  | $3\frac{1}{8}$  | $2\frac{1}{2}$ | 5.60                  |
| 20        | T50B20H     | 4.320            | B    | 1               | $2\frac{1}{4}$  | $3\frac{1}{4}$  | $2\frac{3}{8}$ | 6.42                  |
| 21        | T50B21H     | 4.520            | B    | 1               | $2\frac{3}{8}$  | $3\frac{1}{2}$  | $2\frac{3}{8}$ | 7.42                  |
| 22        | T50B22H     | 4.720            | B    | 1               | $2\frac{3}{8}$  | $3\frac{1}{16}$ | $2\frac{3}{8}$ | 7.92                  |
| 23        | T50B23H     | 4.920            | B    | 1               | $2\frac{1}{2}$  | $3\frac{3}{8}$  | $2\frac{3}{8}$ | 8.80                  |
| 24        | T50B24H     | 5.120            | B    | 1               | $2\frac{1}{2}$  | $3\frac{3}{8}$  | $2\frac{3}{8}$ | 9.42                  |
| 25        | T50B25H     | 5.320            | B    | 1               | $2\frac{1}{2}$  | $3\frac{3}{8}$  | $2\frac{3}{8}$ | 10.16                 |
| 26        | T50B26H     | 5.520            | B    | 1               | $2\frac{1}{2}$  | $3\frac{3}{4}$  | $2\frac{3}{8}$ | 11.02                 |
| 30        | T50B30H     | 6.320            | B    | 1               | $2\frac{1}{2}$  | $3\frac{3}{4}$  | $2\frac{3}{8}$ | 14.24                 |
| 35        | T50B35H     | 7.320            | B    | 1               | $2\frac{1}{2}$  | $3\frac{3}{4}$  | $2\frac{3}{8}$ | 18.96                 |
| 36        | T50B36H     | 7.520            | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | 4               | $2\frac{3}{4}$ | 20.60                 |
| 42        | T50B42H     | 8.720            | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | 4               | $2\frac{3}{4}$ | 27.46                 |
| 48        | T50B48H     | 9.910            | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | 4               | $3\frac{1}{8}$ | 36.64                 |
| 52        | T50B52H     | 10.710           | B    | $1\frac{1}{16}$ | $2\frac{3}{4}$  | 4               | $3\frac{1}{8}$ | 42.54                 |
| 60        | T50B60H     | 12.300           | B    | $1\frac{1}{16}$ | 3               | $4\frac{1}{2}$  | $3\frac{1}{8}$ | 56.84                 |
| 68        | T50B68H     | 13.890           | B    | $1\frac{1}{16}$ | 3               | $4\frac{1}{2}$  | $3\frac{1}{8}$ | 73.21                 |
| 72        | T50C72H     | 14.690           | C    | $1\frac{1}{16}$ | 3               | $4\frac{3}{4}$  | $3\frac{1}{2}$ | 54.40                 |
| 76        | T50C76H     | 15.490           | C    | $1\frac{1}{16}$ | 3               | $4\frac{3}{4}$  | $3\frac{1}{2}$ | 51.20                 |
| 84        | T50C84H     | 17.080           | C    | $1\frac{1}{16}$ | 3               | $4\frac{3}{4}$  | $3\frac{1}{2}$ | 65.32                 |
| 95        | T50C95H     | 19.270           | C    | $1\frac{1}{16}$ | 3               | $4\frac{3}{4}$  | $3\frac{3}{4}$ | 74.42                 |
| 102       | T50C102H    | 20.660           | C    | $1\frac{1}{16}$ | 3               | $4\frac{3}{4}$  | $3\frac{3}{4}$ | 79.94                 |



## Triple- Type QD

| No. Teeth | Part Number | Bushing | Diameters        |                | Type | Max. Bore       | Dimensions     |                |      |               |               |                 |       |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|-----------------|----------------|----------------|------|---------------|---------------|-----------------|-------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |                 | L1             | L2             | C    | Y             | P             | X               | T     | W     | With Hub              | Rim Only |
| 36        | T50SK36     | SK      | 7.520            | 7.171          | B    | .258            | .218           | .218           | .378 | $\frac{1}{8}$ | —             | $\frac{11}{16}$ | 0.332 | 1.758 | 14.8                  | 12.8     |
| 42        | T50SK42     | SK      | 8.720            | 8.363          | B    | .258            | .218           | .218           | .378 | $\frac{1}{8}$ | —             | $\frac{11}{16}$ | 0.332 | 1.758 | 21.5                  | 19.5     |
| 48        | T50SK48     | SK      | 9.910            | 9.556          | B    | .258            | .218           | .218           | .378 | $\frac{1}{8}$ | —             | $\frac{11}{16}$ | 0.332 | 1.758 | 29.6                  | 27.6     |
| 52        | T50SF52     | SF      | 10.710           | 10.351         | B    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | .458 | $\frac{1}{4}$ | —             | $\frac{11}{16}$ | 0.332 | 1.758 | 31.6                  | 28.6     |
| 60        | T50SF60     | SF      | 12.300           | 11.942         | B    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | .458 | $\frac{1}{4}$ | —             | $\frac{11}{16}$ | 0.332 | 1.758 | 42.1                  | 39.1     |
| 68        | T50SF68     | SF      | 13.890           | 13.533         | B    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | .458 | $\frac{1}{4}$ | —             | $\frac{11}{16}$ | 0.332 | 1.758 | 53.8                  | 50.8     |
| 72        | T50SF72     | SF      | 14.690           | 14.329         | B    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | .458 | $\frac{1}{4}$ | $\frac{1}{2}$ | $\frac{11}{16}$ | 0.332 | 1.758 | 46.6                  | 43.6     |
| 76        | T50SF76     | SF      | 15.490           | 15.124         | B    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | .458 | $\frac{1}{4}$ | $\frac{1}{2}$ | $\frac{11}{16}$ | 0.332 | 1.758 | 49.9                  | 46.9     |
| 84        | T50SF84     | SF      | 17.080           | 16.715         | B    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | .458 | $\frac{1}{4}$ | $\frac{1}{2}$ | $\frac{11}{16}$ | 0.332 | 1.758 | 53.9                  | 50.9     |
| 95        | T50SF95     | SF      | 19.270           | 18.903         | B    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | .458 | $\frac{1}{4}$ | $\frac{1}{2}$ | $\frac{11}{16}$ | 0.332 | 1.758 | 62.3                  | 59.3     |
| 102       | T50SF102    | SF      | 20.660           | 20.295         | B    | $2\frac{1}{16}$ | $2\frac{1}{4}$ | $2\frac{1}{4}$ | .458 | $\frac{1}{4}$ | $\frac{1}{2}$ | $\frac{11}{16}$ | 0.332 | 1.758 | 69.3                  | 66.3     |



Type A

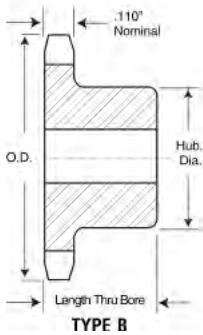
### Double Single - Type A—Steel

| No. Teeth | Part Number | Diameters        |                | Type | Min. Bore     | Max. Bore         | Dimensions        |                  |                   |        | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|----------------|------|---------------|-------------------|-------------------|------------------|-------------------|--------|-----------------------|
|           |             | Outside Diameter | Pitch Diameter |      |               |                   | L                 | C                | E                 | W Nom. |                       |
| 15        | DS50A15     | 3.320            | 3.006          | A    | $\frac{5}{8}$ | 1 $\frac{1}{2}$   | 1 $\frac{21}{32}$ | 1 $\frac{1}{16}$ | 2 $\frac{3}{8}$   | 0.343  | 2.1                   |
| 16        | DS50A16     | 3.520            | 3.204          | A    | $\frac{5}{8}$ | 1 $\frac{11}{16}$ | 1 $\frac{21}{32}$ | 1 $\frac{1}{16}$ | 2 $\frac{31}{64}$ | 0.343  | 2.4                   |
| 17        | DS50A17     | 3.720            | 3.401          | A    | $\frac{5}{8}$ | 1 $\frac{3}{4}$   | 1 $\frac{21}{32}$ | 1 $\frac{1}{16}$ | 2 $\frac{11}{16}$ | 0.343  | 2.9                   |
| 18        | DS50A18     | 3.920            | 3.599          | A    | $\frac{5}{8}$ | 1 $\frac{7}{8}$   | 1 $\frac{21}{32}$ | 1 $\frac{1}{16}$ | 2 $\frac{57}{64}$ | 0.343  | 3.3                   |
| 19        | DS50A19     | 4.120            | 3.797          | A    | $\frac{5}{8}$ | 2 $\frac{1}{16}$  | 1 $\frac{21}{32}$ | 1 $\frac{1}{16}$ | 3 $\frac{5}{64}$  | 0.343  | 3.7                   |
| 20        | DS50A20     | 4.320            | 3.995          | A    | $\frac{5}{8}$ | 2 $\frac{1}{4}$   | 1 $\frac{21}{32}$ | 1 $\frac{1}{16}$ | 3 $\frac{9}{32}$  | 0.343  | 4.2                   |
| 21        | DS50A21     | 4.520            | 4.194          | A    | $\frac{5}{8}$ | 2 $\frac{1}{4}$   | 1 $\frac{21}{32}$ | 1 $\frac{1}{16}$ | 3 $\frac{31}{64}$ | 0.343  | 4.8                   |
| 22        | DS50A22     | 4.720            | 4.392          | A    | $\frac{5}{8}$ | 2 $\frac{7}{16}$  | 1 $\frac{21}{32}$ | 1 $\frac{1}{16}$ | 3 $\frac{11}{16}$ | 0.343  | 5.3                   |
| 23        | DS50A23     | 4.920            | 4.590          | A    | $\frac{5}{8}$ | 2 $\frac{3}{8}$   | 1 $\frac{21}{32}$ | 1 $\frac{1}{16}$ | 3 $\frac{57}{64}$ | 0.343  | 5.8                   |
| 24        | DS50A24     | 5.120            | 4.788          | A    | $\frac{5}{8}$ | 2 $\frac{3}{4}$   | 1 $\frac{21}{32}$ | 1 $\frac{1}{16}$ | 4 $\frac{5}{64}$  | 0.343  | 6.3                   |



# No.50      5/8" Pitch Stainless Steel Stock Sprockets

# TOLTEC INCORPORATED

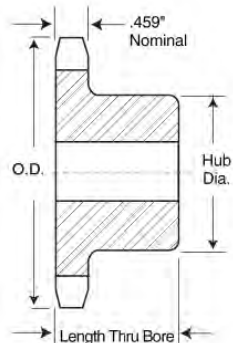


Single - Type B — Stainless

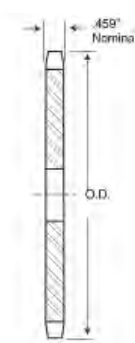
Single - Type A

\* Has recessed groove in hub for chain clearance.

| No. Teeth | Port Number | Outside Diameter | Type | Bore  |          | Hub      |                  | Wt. Lbs.<br>(Approx.) | Type | Port Number | Stock Bore | Weight Lbs.<br>(Approx.) |
|-----------|-------------|------------------|------|-------|----------|----------|------------------|-----------------------|------|-------------|------------|--------------------------|
|           |             |                  |      | Stock | Rec. Max | Diameter | Length Thru Bore |                       |      |             |            |                          |
| 8         | 50B8SS      | 1.884            | B    | 5/8   | 5/8      | 1 1/8    | 1                | 0.25                  | —    | —           | —          | —                        |
| 9         | 50B9SS      | 2.093            | B    | 5/8   | 3/4      | 1 3/8    | 1                | 0.36                  | —    | —           | —          | —                        |
| 10        | 50B10SS     | 2.300            | B    | 5/8   | 7/8      | 1 1/2*   | 1                | 0.50                  | —    | —           | —          | —                        |
| 11        | 50B11SS     | 2.500            | B    | 5/8   | 1        | 1 3/4*   | 1                | 0.60                  | —    | —           | —          | —                        |
| 12        | 50B12SS     | 2.710            | B    | 5/8   | 1 1/4    | 1 63/64* | 1                | 0.70                  | —    | —           | —          | —                        |
| 13        | 50B13SS     | 2.910            | B    | 5/8   | 1 5/16   | 1 7/8    | 1                | 0.80                  | A    | 50A13SS     | 5/8        | 0.42                     |
| 14        | 50B14SS     | 3.110            | B    | 5/8   | 1 7/16   | 2 1/8    | 1                | 1.00                  | A    | 50A14SS     | 5/8        | 0.50                     |
| 15        | 50B15SS     | 3.320            | B    | 5/8   | 1 1/2    | 2 3/8    | 1                | 1.30                  | A    | 50A15SS     | 5/8        | 0.54                     |
| 16        | 50B16SS     | 3.520            | B    | 5/8   | 1 3/4    | 2 1/2    | 1                | 1.50                  | A    | 50A16SS     | 5/8        | 0.68                     |
| 17        | 50B17SS     | 3.720            | B    | 5/8   | 1 7/8    | 2 11/16  | 1                | 1.80                  | A    | 50A17SS     | 5/8        | 0.76                     |
| 18        | 50B18SS     | 3.920            | B    | 5/8   | 1 7/8    | 2 7/8    | 1                | 2.00                  | A    | 50A18SS     | 5/8        | 0.86                     |
| 19        | 50B19SS     | 4.120            | B    | 5/8   | 1 3/4    | 2 1/2    | 1                | 2.23                  | A    | 50A19SS     | 5/8        | 0.94                     |
| 20        | 50B20SS     | 4.320            | B    | 3/4   | 1 3/4    | 2 1/2    | 1                | 2.30                  | A    | 50A20SS     | 3/4        | 1.06                     |
| 21        | 50B21SS     | 4.520            | B    | 3/4   | 2        | 3        | 1                | 2.42                  | A    | 50A21SS     | 23/32      | 1.40                     |
| 22        | 50B22SS     | 4.720            | B    | 3/4   | 2        | 3        | 1                | 2.54                  | A    | 50A22SS     | 23/32      | 1.60                     |
| 23        | 50B23SS     | 4.920            | B    | 3/4   | 2        | 3        | 1                | 2.67                  | A    | 50A23SS     | 23/32      | 1.70                     |
| 24        | 50B24SS     | 5.120            | B    | 3/4   | 2        | 3        | 1 1/4            | 3.38                  | A    | 50A24SS     | 23/32      | 1.80                     |
| 25        | 50B25SS     | 5.320            | B    | 3/4   | 2        | 3        | 1 1/4            | 3.42                  | A    | 50A25SS     | 23/32      | 1.90                     |
| 26        | 50B26SS     | 5.520            | B    | 3/4   | 2        | 3        | 1 1/4            | 3.57                  | A    | 50A26SS     | 23/32      | 1.70                     |
| 28        | 50B28SS     | 5.920            | B    | 3/4   | 2        | 3        | 1 1/4            | 3.88                  | A    | 50A28SS     | 23/32      | 2.50                     |
| 30        | 50B30SS     | 6.320            | B    | 3/4   | 2 1/4    | 3 1/4    | 1 1/4            | 4.54                  | A    | 50A30SS     | 23/32      | 2.70                     |
| 32        | 50B32SS     | 6.721            | B    | 3/4   | 2 1/4    | 3 1/4    | 1 1/4            | 4.96                  | A    | 50A32SS     | 23/32      | 2.72                     |
| 35        | 50B35SS     | 7.320            | B    | 3/4   | 2 1/4    | 3 1/4    | 1 1/4            | 5.44                  | A    | 50A35SS     | 23/32      | 3.70                     |
| 36        | 50B36SS     | 7.519            | B    | 3/4   | 2 1/4    | 3 1/4    | 1 1/4            | 5.64                  | A    | 50A36SS     | 23/32      | 3.82                     |
| 40        | 50B40SS     | 8.320            | B    | 3/4   | 2 1/4    | 3 1/4    | 1 1/4            | 6.50                  | A    | 50A40SS     | 23/32      | 4.70                     |
| 45        | 50B45SS     | 9.310            | B    | 3/4   | 2 1/2    | 3 3/4    | 1 1/4            | 8.50                  | A    | 50A45SS     | 23/32      | 6.00                     |
| 48        | 50B48SS     | 9.911            | B    | 1     | 2 1/2    | 3 3/4    | 1 1/4            | 9.28                  | A    | 50A46SS     | 1 5/16     | 6.58                     |
| 54        | 50B54SS     | 11.106           | B    | 1     | 2 1/2    | 3 3/4    | 1 1/4            | 11.00                 | A    | 50A54SS     | 1 5/16     | 8.30                     |
| 60        | 50B60SS     | 12.300           | B    | 1     | 2 1/2    | 3 3/4    | 1 1/4            | 14.00                 | A    | 50A60SS     | 1 5/16     | 10.80                    |



Type B



Type A

\* Has recessed groove in hub for chain clearance.

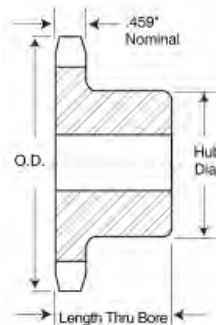
Single - Type B

Single - Type A

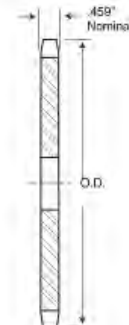
| No. Teeth | Part Number | Outside Diameter | Type | Bore (inches) |                | Hub (inches)   |                  | Wt. Lbs. (Approx.) | Type | Part Number | Stock Bore      | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|----------------|----------------|------------------|--------------------|------|-------------|-----------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max       | Diameter       | Length Thru Bore |                    |      |             |                 |                       |
| 8         | 60B8H       | 2.260            | B    | $\frac{5}{8}$ | $\frac{5}{8}$  | $1\frac{1}{2}$ | $\frac{1}{4}$    | 0.54               | —    | —           | —               | —                     |
| 9         | 60B9H       | 2.510            | B    | $\frac{3}{4}$ | $\frac{7}{8}$  | $1\frac{1}{4}$ | $\frac{1}{4}$    | 0.64               | —    | —           | —               | —                     |
| 10        | 60B10H      | 2.760            | B    | $\frac{3}{4}$ | $1\frac{1}{8}$ | $1\frac{1}{2}$ | $\frac{1}{4}$    | 0.99               | A    | 60A10       | $\frac{3}{4}$   | 0.44                  |
| 11        | 60B11H      | 3.000            | B    | $\frac{3}{4}$ | $1\frac{1}{4}$ | $2\frac{1}{4}$ | $\frac{1}{4}$    | 1.16               | A    | 60A11       | $\frac{3}{4}$   | 0.54                  |
| 12        | 60B12H      | 3.250            | B    | $\frac{3}{4}$ | $1\frac{3}{8}$ | $2\frac{3}{8}$ | $\frac{1}{4}$    | 1.47               | A    | 60A12       | $\frac{3}{4}$   | 0.68                  |
| 13        | 60B13H      | 3.490            | B    | $\frac{3}{4}$ | $1\frac{1}{2}$ | $2\frac{1}{2}$ | $\frac{1}{4}$    | 1.66               | A    | 60A13       | $\frac{3}{4}$   | 0.80                  |
| 14        | 60B14H      | 3.740            | B    | $\frac{3}{4}$ | $1\frac{3}{4}$ | $2\frac{1}{2}$ | $\frac{1}{4}$    | 2.00               | A    | 60A14       | $\frac{3}{4}$   | 0.94                  |
| 15        | 60B15H      | 3.980            | B    | $\frac{3}{4}$ | $1\frac{7}{8}$ | $2\frac{7}{8}$ | $\frac{1}{4}$    | 2.51               | A    | 60A15       | $\frac{3}{4}$   | 1.08                  |
| 16        | 60B16H      | 4.220            | B    | $\frac{3}{4}$ | 2              | $3\frac{1}{4}$ | $\frac{1}{4}$    | 2.81               | A    | 60A16       | $\frac{3}{4}$   | 1.24                  |
| 17        | 60B17H      | 4.460            | B    | $\frac{3}{4}$ | $2\frac{1}{4}$ | $3\frac{1}{4}$ | $\frac{1}{4}$    | 3.22               | A    | 60A17       | $\frac{3}{4}$   | 1.44                  |
| 18        | 60B18H      | 4.700            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$ | $3\frac{1}{2}$ | $\frac{1}{4}$    | 3.72               | A    | 60A18       | $\frac{3}{4}$   | 1.62                  |
| 19        | 60B19H      | 4.950            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$ | $3\frac{1}{2}$ | $\frac{1}{4}$    | 3.92               | A    | 60A19       | $\frac{3}{4}$   | 1.84                  |
| 20        | 60B20H      | 5.190            | B    | $\frac{3}{4}$ | $2\frac{3}{8}$ | $3\frac{7}{8}$ | $\frac{1}{4}$    | 4.63               | A    | 60A20       | $\frac{3}{4}$   | 2.12                  |
| 21        | 60B21H      | 5.430            | B    | $\frac{3}{4}$ | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 5.00               | A    | 60A21       | $\frac{3}{4}$   | 2.28                  |
| 22        | 60B22H      | 5.670            | B    | $\frac{3}{4}$ | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 5.25               | A    | 60A22       | $\frac{3}{4}$   | 2.48                  |
| 23        | 60B23H      | 5.910            | B    | $\frac{3}{4}$ | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 5.48               | A    | 60A23       | $\frac{3}{4}$   | 2.68                  |
| 24        | 60B24H      | 6.150            | B    | $\frac{3}{4}$ | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 5.78               | A    | 60A24       | $2\frac{3}{32}$ | 3.00                  |
| 25        | 60B25H      | 6.390            | B    | $\frac{3}{4}$ | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 6.13               | A    | 60A25       | $2\frac{3}{32}$ | 3.34                  |
| 26        | 60B26H      | 6.630            | B    | $\frac{3}{4}$ | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 6.38               | A    | 60A26       | $2\frac{3}{32}$ | 3.54                  |
| 27        | 60B27H      | 6.870            | B    | $\frac{3}{4}$ | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 6.72               | A    | 60A27       | $2\frac{3}{32}$ | 3.96                  |
| 28        | 60B28H      | 7.110            | B    | $\frac{3}{4}$ | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 6.88               | A    | 60A28       | $2\frac{3}{32}$ | 4.14                  |
| 29        | 60B29H      | 7.350            | B    | $\frac{3}{4}$ | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 7.28               | A    | 60A29       | $2\frac{3}{32}$ | 4.40                  |
| 30        | 60B30H      | 7.590            | B    | $\frac{3}{4}$ | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 7.58               | A    | 60A30       | $2\frac{3}{32}$ | 4.78                  |
| 31        | 60B31H      | 7.830            | B    | $\frac{3}{4}$ | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 7.72               | A    | 60A31       | $2\frac{3}{32}$ | 5.24                  |
| 32        | 60B32H      | 8.070            | B    | $\frac{3}{4}$ | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 8.26               | A    | 60A32       | $2\frac{3}{32}$ | 5.52                  |
| 33        | 60B33H      | 8.300            | B    | 1             | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 8.42               | A    | 60A33       | $1\frac{1}{16}$ | 5.86                  |
| 34        | 60B34H      | 8.540            | B    | 1             | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 8.80               | A    | 60A34       | $1\frac{1}{16}$ | 6.16                  |
| 35        | 60B35H      | 8.780            | B    | 1             | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 9.04               | A    | 60A35       | $1\frac{1}{16}$ | 6.78                  |
| 36        | 60B36H      | 9.020            | B    | 1             | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 9.60               | A    | 60A36       | $1\frac{1}{16}$ | 6.82                  |
| 37        | 60B37H      | 9.260            | B    | 1             | $2\frac{3}{4}$ | 4              | $\frac{1}{4}$    | 10.24              | A    | 60A37       | $1\frac{1}{16}$ | 7.52                  |
| 38        | 60B38H      | 9.500            | B    | 1             | $2\frac{3}{4}$ | $4\frac{1}{4}$ | $\frac{1}{4}$    | 10.84              | A    | 60A38       | $1\frac{1}{16}$ | 7.84                  |
| 39        | 60B39H      | 9.740            | B    | 1             | $2\frac{3}{4}$ | $4\frac{1}{4}$ | $\frac{1}{4}$    | 11.36              | A    | 60A39       | $1\frac{1}{16}$ | 8.28                  |
| 40        | 60B40H      | 9.980            | B    | 1             | $2\frac{3}{4}$ | $4\frac{1}{4}$ | $\frac{1}{4}$    | 11.50              | A    | 60A40       | $1\frac{1}{16}$ | 8.56                  |
| 41        | 60B41H      | 10.220           | B    | 1             | $2\frac{3}{4}$ | $4\frac{1}{4}$ | $\frac{1}{4}$    | 12.14              | A    | 60A41       | $1\frac{1}{16}$ | 9.10                  |

# No.60 $\frac{3}{4}"$ Pitch All Steel Stock Sprockets

# TOLTEC INCORPORATED

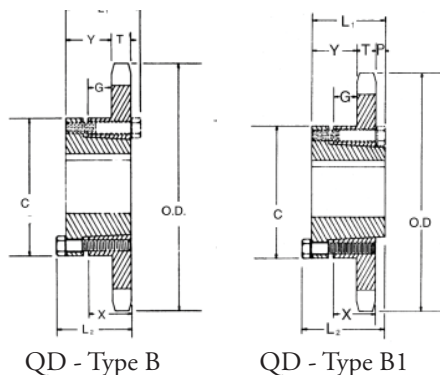


Type B



Type A

| No. Teeth | Port Number | Outside Diameter | Type | Bore            |                 | Hub            |                  | Wt. Lbs.<br>(Approx.) | Type | Port Number | Stock Bore      | Weight Lbs.<br>(Approx.) |
|-----------|-------------|------------------|------|-----------------|-----------------|----------------|------------------|-----------------------|------|-------------|-----------------|--------------------------|
|           |             |                  |      | Stock           | Rec. Max        | Diameter       | Length Thru Bore |                       |      |             |                 |                          |
| 42        | 60B42H      | 10.460           | B    | 1               | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{1}{4}$   | 12.74                 | A    | 60A42       | $1\frac{5}{16}$ | 9.84                     |
| 43        | 60B43H      | 10.700           | B    | 1               | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{1}{4}$   | 13.00                 | A    | 60A43       | $1\frac{5}{16}$ | 9.74                     |
| 44        | 60B44H      | 10.940           | B    | $1\frac{5}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{1}{4}$   | 13.88                 | A    | 60A44       | $1\frac{5}{16}$ | 10.76                    |
| 45        | 60B45H      | 11.180           | B    | $1\frac{5}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{1}{4}$   | 13.98                 | A    | 60A45       | $1\frac{5}{16}$ | 11.08                    |
| 46        | 60B46H      | 11.420           | B    | $1\frac{5}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{1}{4}$   | 14.60                 | A    | 60A46       | $1\frac{5}{16}$ | 11.50                    |
| 47        | 60B47H      | 11.650           | B    | $1\frac{5}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{1}{4}$   | 15.00                 | A    | 60A47       | $1\frac{5}{16}$ | 12.32                    |
| 48        | 60B48H      | 11.890           | B    | $1\frac{5}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{1}{4}$   | 15.82                 | A    | 60A48       | $1\frac{5}{16}$ | 12.42                    |
| 49        | 60B49H      | 12.130           | B    | $1\frac{5}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{1}{4}$   | 15.90                 | A    | 60A49       | $1\frac{5}{16}$ | 12.92                    |
| 50        | 60B50H      | 12.370           | B    | $1\frac{5}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{1}{4}$   | 17.66                 | A    | 60A50       | $1\frac{5}{16}$ | 13.98                    |
| 51        | 60B51H      | 12.610           | B    | $1\frac{5}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{1}{4}$   | 16.98                 | A    | 60A51       | $1\frac{5}{16}$ | 14.58                    |
| 52        | 60B52H      | 12.850           | B    | $1\frac{5}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{1}{4}$   | 17.93                 | A    | 60A52       | $1\frac{5}{16}$ | 14.60                    |
| 53        | 60B53H      | 13.090           | B    | $1\frac{5}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{1}{4}$   | 17.99                 | A    | 60A53       | $1\frac{5}{16}$ | 15.84                    |
| 54        | 60B54H      | 13.330           | B    | $1\frac{5}{16}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 21.60                 | A    | 60A54       | $1\frac{5}{16}$ | 15.92                    |
| 55        | 60B55H      | 13.570           | B    | $1\frac{1}{4}$  | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 21.14                 | A    | 60A55       | $1\frac{1}{4}$  | 16.96                    |
| 56        | 60B56H      | 13.810           | B    | $1\frac{1}{4}$  | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 21.88                 | A    | 60A56       | $1\frac{1}{4}$  | 17.60                    |
| 57        | 60B57H      | 14.040           | B    | $1\frac{1}{4}$  | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 22.26                 | A    | 60A57       | $1\frac{1}{4}$  | 17.62                    |
| 58        | 60B58H      | 14.280           | B    | $1\frac{1}{4}$  | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 22.80                 | A    | 60A58       | $1\frac{1}{4}$  | 19.00                    |
| 59        | 60B59H      | 14.520           | B    | $1\frac{1}{4}$  | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 23.86                 | A    | 60A59       | $1\frac{1}{4}$  | 19.20                    |
| 60        | 60B60H      | 14.760           | B    | $1\frac{1}{4}$  | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 25.22                 | A    | 60A60       | $1\frac{1}{4}$  | 20.02                    |
| 64        | 60B64H      | 15.720           | B    | $1\frac{1}{4}$  | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 27.40                 | A    | 60A64       | $1\frac{1}{4}$  | 23.00                    |
| 65        | 60B65H      | 15.960           | B    | $1\frac{1}{4}$  | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 28.92                 | A    | 60A65       | $1\frac{1}{4}$  | 23.24                    |
| 66        | —           | —                | —    | —               | —               | —              | —                | —                     | A    | 60A66       | $1\frac{1}{4}$  | 24.42                    |
| 68        | 60B68H      | 16.670           | B    | $1\frac{1}{4}$  | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 30.38                 | A    | 60A68       | $1\frac{1}{4}$  | 25.54                    |
| 70        | 60B70H      | 17.150           | B    | $1\frac{1}{4}$  | $2\frac{3}{4}$  | $4\frac{1}{4}$ | $1\frac{3}{4}$   | 31.98                 | A    | 60A70       | $1\frac{1}{4}$  | 27.20                    |
| 72        | 60B72H      | 17.630           | B    | $1\frac{1}{4}$  | $2\frac{3}{4}$  | $4\frac{1}{4}$ | 2                | 34.18                 | A    | 60A72       | $1\frac{1}{4}$  | 28.90                    |
| 76        | 60B76H      | 18.580           | B    | $1\frac{1}{4}$  | $2\frac{3}{4}$  | $4\frac{1}{4}$ | 2                | 38.06                 | A    | 60A76       | $1\frac{1}{4}$  | 32.34                    |
| 80        | 60B80H      | 19.540           | B    | $1\frac{1}{4}$  | $2\frac{3}{4}$  | $4\frac{1}{4}$ | 2                | 41.88                 | A    | 60A80       | $1\frac{1}{4}$  | 45.50                    |
| 84        | 60B84H      | 20.490           | B    | $1\frac{1}{4}$  | $3\frac{1}{4}$  | $4\frac{3}{4}$ | 2                | 46.46                 | A    | 60A84       | $1\frac{1}{4}$  | 40.18                    |
| 90        | 60B90H      | 21.930           | B    | $1\frac{1}{4}$  | $3\frac{5}{16}$ | 5              | $2\frac{1}{4}$   | 63.20                 | A    | 60A90       | $1\frac{1}{4}$  | 43.44                    |
| 96        | 60B96H      | 23.360           | B    | $1\frac{1}{4}$  | $3\frac{3}{4}$  | $5\frac{1}{2}$ | $2\frac{1}{4}$   | 63.08                 | A    | 60A96       | $1\frac{1}{4}$  | 52.02                    |
| 112       | 60B112H     | 27.180           | B    | $1\frac{1}{4}$  | $3\frac{3}{4}$  | $5\frac{1}{2}$ | $2\frac{1}{4}$   | 81.78                 | A    | 60A112      | $1\frac{1}{4}$  | 70.80                    |



QD - Type B

QD - Type B1

### Single - Type QD With Hardened Teeth

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

### Single - Type QD

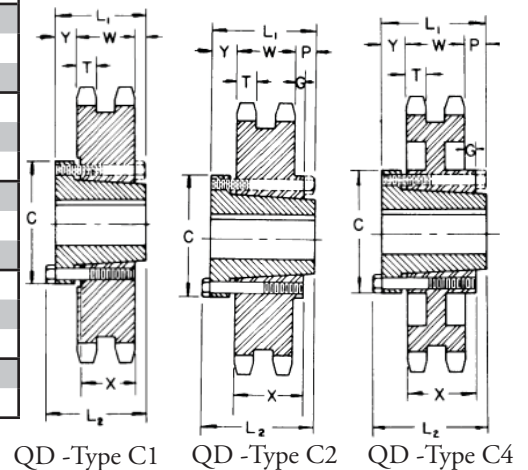
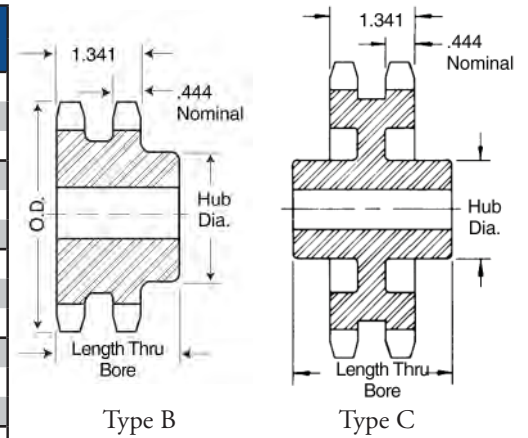
| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore                      | Dimensions       |                                |                  |                   |                  |                  |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|--------------------------------|------------------|--------------------------------|------------------|-------------------|------------------|------------------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |                                | L1               | L2                             | C                | Y                 | G                | X                | T     | With Hub              | Rim Only |
| 11        | 60JA11      | JA      | 3.000            | 2.662          | B    | 1 $\frac{1}{4}$                | 1 $\frac{1}{8}$  | 1 $\frac{1}{8}$                | 2 $\frac{1}{16}$ | 3 $\frac{3}{4}$   | 1 $\frac{1}{64}$ | $\frac{5}{8}$    | 0.459 | 1.36                  | 0.46     |
| 12        | 60JA12      | JA      | 3.250            | 2.898          | B    | 1 $\frac{1}{4}$                | 1 $\frac{1}{8}$  | 1 $\frac{1}{8}$                | 2 $\frac{1}{16}$ | 3 $\frac{3}{4}$   | 1 $\frac{1}{64}$ | $\frac{5}{8}$    | 0.459 | 1.50                  | 0.60     |
| 13        | 60JA13      | JA      | 3.490            | 3.134          | B    | 1 $\frac{1}{4}$                | 1 $\frac{1}{8}$  | 1 $\frac{1}{8}$                | 2 $\frac{1}{16}$ | 3 $\frac{3}{4}$   | 1 $\frac{1}{64}$ | $\frac{5}{8}$    | 0.459 | 1.66                  | 0.76     |
| 14        | 60SH14      | SH      | 3.740            | 3.371          | B    | 1 $\frac{3}{8}$                | 1 $\frac{7}{16}$ | 1 $\frac{7}{16}$               | 2 $\frac{1}{16}$ | 5 $\frac{1}{64}$  | 2 $\frac{3}{64}$ | 1 $\frac{3}{16}$ | 0.459 | 1.88                  | 0.88     |
| 15        | 60SH15      | SH      | 3.980            | 3.607          | B    | 1 $\frac{3}{8}$                | 1 $\frac{7}{16}$ | 1 $\frac{7}{16}$               | 2 $\frac{1}{16}$ | 5 $\frac{1}{64}$  | 2 $\frac{3}{64}$ | 1 $\frac{3}{16}$ | 0.459 | 2.08                  | 1.08     |
| 16        | 60SH16      | SH      | 4.220            | 3.844          | B    | 1 $\frac{3}{8}$                | 1 $\frac{7}{16}$ | 1 $\frac{7}{16}$               | 2 $\frac{1}{16}$ | 5 $\frac{1}{64}$  | 2 $\frac{3}{64}$ | 1 $\frac{3}{16}$ | 0.459 | 2.26                  | 1.26     |
| 17        | 60SDS17     | SDS     | 4.460            | 4.082          | B    | 2                              | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$                | 3 $\frac{1}{16}$ | 5 $\frac{5}{64}$  | 1 $\frac{9}{64}$ | $\frac{3}{4}$    | 0.459 | 2.38                  | 1.38     |
| 18        | 60SDS18     | SDS     | 4.700            | 4.319          | B    | 2                              | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$                | 3 $\frac{1}{16}$ | 5 $\frac{5}{64}$  | 1 $\frac{9}{64}$ | $\frac{3}{4}$    | 0.459 | 2.56                  | 1.56     |
| 19        | 60SDS19     | SDS     | 4.950            | 4.557          | B    | 2                              | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$                | 3 $\frac{1}{16}$ | 5 $\frac{5}{64}$  | 1 $\frac{9}{64}$ | $\frac{3}{4}$    | 0.459 | 2.76                  | 1.76     |
| 20        | 60SDS20     | SDS     | 5.190            | 4.794          | B    | 2                              | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$                | 3 $\frac{1}{16}$ | 5 $\frac{5}{64}$  | 1 $\frac{9}{64}$ | $\frac{3}{4}$    | 0.459 | 3.00                  | 2.00     |
| 21        | 60SDS21     | SDS     | 5.430            | 5.032          | B    | 2                              | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$                | 3 $\frac{1}{16}$ | 5 $\frac{5}{64}$  | 1 $\frac{9}{64}$ | $\frac{3}{4}$    | 0.459 | 3.20                  | 2.20     |
| 22        | 60SDS22     | SDS     | 5.670            | 5.270          | B    | 2                              | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$                | 3 $\frac{1}{16}$ | 5 $\frac{5}{64}$  | 1 $\frac{9}{64}$ | $\frac{3}{4}$    | 0.459 | 3.44                  | 2.44     |
| 23        | 60SDS23     | SDS     | 5.910            | 5.508          | B    | 2                              | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$                | 3 $\frac{1}{16}$ | 5 $\frac{5}{64}$  | 1 $\frac{9}{64}$ | $\frac{3}{4}$    | 0.459 | 3.70                  | 2.70     |
| 24        | 60SDS24     | SDS     | 6.150            | 5.746          | B    | 2                              | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$                | 3 $\frac{1}{16}$ | 5 $\frac{5}{64}$  | 1 $\frac{9}{64}$ | $\frac{3}{4}$    | 0.459 | 3.94                  | 2.94     |
| 25        | 60SDS25     | SDS     | 6.390            | 5.984          | B    | 2                              | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$                | 3 $\frac{1}{16}$ | 5 $\frac{5}{64}$  | 1 $\frac{9}{64}$ | $\frac{3}{4}$    | 0.459 | 4.24                  | 3.24     |
| 26        | 60SK26      | SK      | 6.630            | 6.222          | B    | 2 $\frac{5}{8}$                | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$                | 3 $\frac{7}{8}$  | 12 $\frac{7}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 6.18                  | 4.18     |
| 27        | 60SK27      | SK      | 6.870            | 6.460          | B    | 2 $\frac{5}{8}$                | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$                | 3 $\frac{7}{8}$  | 12 $\frac{7}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 6.52                  | 4.52     |
| 28        | 60SK28      | SK      | 7.110            | 6.699          | B    | 2 $\frac{5}{8}$                | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$                | 3 $\frac{7}{8}$  | 12 $\frac{7}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 6.72                  | 4.72     |
| 30        | 60SK30      | SK      | 7.590            | 7.175          | B    | 2 $\frac{5}{8}$                | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$                | 3 $\frac{7}{8}$  | 12 $\frac{7}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 7.34                  | 5.34     |
| 32        | 60SK32      | SK      | 8.070            | 7.652          | B    | 2 $\frac{5}{8}$                | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$                | 3 $\frac{7}{8}$  | 12 $\frac{7}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 8.10                  | 6.10     |
| 35        | 60SK35      | SK      | 8.780            | 8.367          | B    | 2 $\frac{5}{8}$                | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$                | 3 $\frac{7}{8}$  | 12 $\frac{7}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 9.42                  | 7.42     |
| 36        | 60SK36      | SK      | 9.020            | 8.605          | B    | 2 $\frac{5}{8}$                | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$                | 3 $\frac{7}{8}$  | 12 $\frac{7}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 9.70                  | 7.70     |
| 40        | 60SK40      | SK      | 9.980            | 9.559          | B    | 2 $\frac{5}{8}$                | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$                | 3 $\frac{7}{8}$  | 12 $\frac{7}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 11.56                 | 9.56     |
| 42        | 60SF42      | SF      | 10.460           | 10.036         | B    | 2 $\frac{1}{2}$ $\frac{1}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$                | 4 $\frac{5}{8}$  | 13 $\frac{3}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 13.78                 | 10.78    |
| 45        | 60SF45      | SF      | 11.180           | 10.752         | B    | 2 $\frac{1}{2}$ $\frac{1}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$                | 4 $\frac{5}{8}$  | 13 $\frac{3}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 15.40                 | 12.40    |
| 48        | 60SF48      | SF      | 11.890           | 11.467         | B    | 2 $\frac{1}{2}$ $\frac{1}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$                | 4 $\frac{5}{8}$  | 13 $\frac{3}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 17.26                 | 14.26    |
| 54        | 60SF54      | SF      | 13.330           | 12.899         | B    | 2 $\frac{1}{2}$ $\frac{1}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$                | 4 $\frac{5}{8}$  | 13 $\frac{3}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 20.02                 | 17.02    |
| 60        | 60SF60      | SF      | 14.760           | 14.331         | B    | 2 $\frac{1}{2}$ $\frac{1}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$                | 4 $\frac{5}{8}$  | 13 $\frac{3}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 23.76                 | 20.76    |
| 70        | 60SF70      | SF      | 17.150           | 16.717         | B    | 2 $\frac{1}{2}$ $\frac{1}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$                | 4 $\frac{5}{8}$  | 13 $\frac{3}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 31.60                 | 28.60    |
| 72        | 60SF72      | SF      | 17.630           | 17.194         | B    | 2 $\frac{1}{2}$ $\frac{1}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$                | 4 $\frac{5}{8}$  | 13 $\frac{3}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 32.58                 | 29.58    |
| 80        | 60SF80      | SF      | 19.540           | 19.103         | B    | 2 $\frac{1}{2}$ $\frac{1}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$                | 4 $\frac{5}{8}$  | 13 $\frac{3}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 41.24                 | 38.24    |
| 84        | 60SF84      | SF      | 20.490           | 20.058         | B    | 2 $\frac{1}{2}$ $\frac{1}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$                | 4 $\frac{5}{8}$  | 13 $\frac{3}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 43.94                 | 40.94    |
| 96        | 60SF96      | SF      | 23.360           | 22.922         | B    | 2 $\frac{1}{2}$ $\frac{1}{16}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$                | 4 $\frac{5}{8}$  | 13 $\frac{3}{64}$ | 5 $\frac{1}{64}$ | 1 $\frac{1}{4}$  | 0.459 | 55.40                 | 52.40    |
| 112       | 60E112      | E       | 27.180           | 26.742         | B1   | 3 $\frac{1}{2}$                | 2 $\frac{3}{8}$  | 2 $\frac{1}{2}$ $\frac{1}{16}$ | 6                | 23 $\frac{1}{16}$ | 1 $\frac{1}{64}$ | 1 $\frac{3}{8}$  | 0.459 | 83.76                 | 73.76    |

# No.60-2 $\frac{3}{4}$ " Pitch All Steel Stock Sprockets

# TOLTEC INCORPORATED

## Double- Type B & C

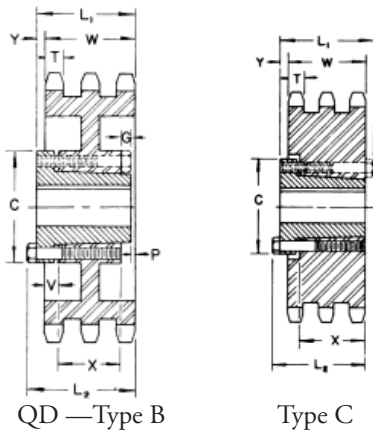
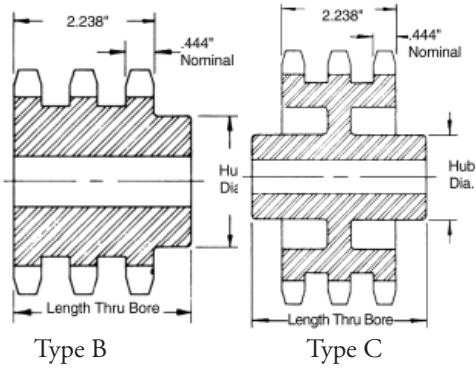
| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches)   |                  | Hub (inches)     |                 | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|-----------------|------------------|------------------|-----------------|-----------------------|
|           |             |                  |      | Stock           | Rec. Max.        | Diameter         | Length Thru     |                       |
| 11        | D60B11H     | 3.000            | B    | 1               | 1 $\frac{1}{4}$  | 1 $\frac{1}{16}$ | 2 $\frac{1}{8}$ | 1.62                  |
| 12        | D60B12H     | 3.250            | B    | 1               | 1 $\frac{1}{4}$  | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$ | 2.20                  |
| 13        | D60B13H     | 3.490            | B    | 1               | 1 $\frac{1}{2}$  | 2 $\frac{1}{4}$  | 2 $\frac{1}{8}$ | 2.60                  |
| 14        | D60B14H     | 3.740            | B    | 1               | 1 $\frac{3}{4}$  | 2 $\frac{1}{2}$  | 2 $\frac{1}{8}$ | 3.24                  |
| 15        | D60B15H     | 3.980            | B    | 1               | 1 $\frac{7}{8}$  | 2 $\frac{3}{16}$ | 2 $\frac{1}{8}$ | 3.96                  |
| 16        | D60B16H     | 4.220            | B    | 1               | 2                | 3                | 2 $\frac{1}{8}$ | 4.62                  |
| 17        | D60B17H     | 4.460            | B    | 1               | 2 $\frac{1}{4}$  | 3 $\frac{1}{4}$  | 2 $\frac{1}{8}$ | 5.40                  |
| 18        | D60B18H     | 4.700            | B    | 1               | 2 $\frac{3}{8}$  | 3 $\frac{1}{2}$  | 2 $\frac{1}{8}$ | 6.24                  |
| 19        | D60B19H     | 4.950            | B    | 1               | 2 $\frac{1}{2}$  | 3 $\frac{1}{16}$ | 2 $\frac{1}{8}$ | 7.00                  |
| 20        | D60B20H     | 5.190            | B    | 1               | 2 $\frac{1}{2}$  | 3 $\frac{3}{4}$  | 2 $\frac{1}{8}$ | 7.72                  |
| 21        | D60B21H     | 5.430            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{8}$  | 2 $\frac{1}{8}$ | 8.82                  |
| 22        | D60B22H     | 5.670            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{4}$  | 2 $\frac{1}{8}$ | 9.68                  |
| 23        | D60B23H     | 5.910            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{4}$  | 2 $\frac{1}{8}$ | 10.30                 |
| 24        | D60B24H     | 6.150            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{4}$  | 2 $\frac{1}{8}$ | 11.14                 |
| 25        | D60B25H     | 6.390            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{4}$  | 2 $\frac{1}{8}$ | 11.96                 |
| 26        | D60B26      | 6.630            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{4}$  | 2 $\frac{1}{8}$ | 12.70                 |
| 30        | D60B30      | 7.590            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{4}$  | 2 $\frac{1}{8}$ | 16.36                 |
| 32        | D60B32      | 8.070            | B    | 1 $\frac{1}{4}$ | 3                | 4 $\frac{1}{2}$  | 2 $\frac{1}{8}$ | 19.52                 |
| 35        | D60B35      | 8.780            | B    | 1 $\frac{1}{4}$ | 3                | 4 $\frac{1}{2}$  | 2 $\frac{3}{8}$ | 22.80                 |
| 36        | D60B36      | 9.020            | B    | 1 $\frac{1}{4}$ | 3                | 4 $\frac{1}{2}$  | 2 $\frac{3}{8}$ | 23.82                 |
| 40        | D60B40      | 9.980            | B    | 1 $\frac{1}{4}$ | 3 $\frac{1}{4}$  | 4 $\frac{3}{4}$  | 2 $\frac{3}{4}$ | 30.84                 |
| 42        | D60B42      | 10.460           | B    | 1 $\frac{1}{4}$ | 3 $\frac{1}{4}$  | 4 $\frac{3}{4}$  | 2 $\frac{3}{4}$ | 33.08                 |
| 45        | D60B45      | 11.180           | B    | 1 $\frac{1}{4}$ | 3 $\frac{1}{4}$  | 4 $\frac{3}{4}$  | 2 $\frac{3}{4}$ | 37.08                 |
| 52        | D60B52      | 12.850           | B    | 1 $\frac{1}{4}$ | 3 $\frac{1}{4}$  | 4 $\frac{3}{4}$  | 2 $\frac{3}{4}$ | 48.70                 |
| 60        | D60B60      | 14.760           | B    | 1 $\frac{1}{4}$ | 3 $\frac{1}{4}$  | 4 $\frac{3}{4}$  | 2 $\frac{3}{4}$ | 63.10                 |
| 68        | D60C68      | 16.670           | C    | 1 $\frac{1}{4}$ | 3 $\frac{1}{16}$ | 5                | 3               | 53.68                 |
| 72        | D60C72      | 17.630           | C    | 1 $\frac{1}{4}$ | 3 $\frac{1}{16}$ | 5                | 3               | 53.74                 |
| 76        | D60C76      | 18.580           | C    | 1 $\frac{1}{4}$ | 3 $\frac{1}{16}$ | 5                | 3               | 60.28                 |
| 95        | D60C95      | 23.120           | C    | 1 $\frac{1}{4}$ | 3 $\frac{1}{4}$  | 5 $\frac{1}{2}$  | 3 $\frac{1}{2}$ | 87.14                 |



## Double- Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore        | Dimensions       |                  |                  |   |                  |                 |    |       |       |          | Weight Lbs. (Approx.) |  |
|-----------|-------------|---------|------------------|----------------|------|------------------|------------------|------------------|------------------|---|------------------|-----------------|----|-------|-------|----------|-----------------------|--|
|           |             |         | Outside Diameter | Pitch Diameter |      |                  | L1               | L2               | C                | Y | P                | G               | X  | T     | W     | With Hub | Rim Only              |  |
| 14        | D60SH14H    | SH      | 3.740            | 3.371          | B*   | 1⅝               | 1⅜ <sub>32</sub> | 1⅜ <sub>32</sub> | 2⅛ <sub>16</sub> | ½ | —                | —               | —  | 0.444 | 1.341 | 2.50     | 1.50                  |  |
| 22        | D60SDS22H   | SDS     | 5.670            | 5.270          | B*   | 2                | 1⅞ <sub>32</sub> | 1⅝ <sub>32</sub> | 3⅜ <sub>16</sub> | — | —                | —               | ¾  | 0.444 | 1.341 | 5.44     | 4.44                  |  |
| 36        | D60SF36     | SF      | 9.020            | 8.605          | C¹   | 2⅛ <sub>16</sub> | 2                | 2¼               | 4⅝               | ¾ | —                | —               | 1¼ | 0.444 | 1.341 | 19.26    | 16.26                 |  |
| 42        | D60E42      | E       | 10.460           | 10.036         | C²   | 3½               | 2⅝               | 2⅜ <sub>16</sub> | 6                | ⅞ | 1⅜ <sub>32</sub> | ⅝ <sub>32</sub> | 1⅝ | 0.444 | 1.341 | 34.04    | 24.04                 |  |
| 45        | D60E45      | E       | 11.180           | 10.752         | C²   | 3½               | 2⅝               | 2⅜ <sub>16</sub> | 6                | ⅞ | 1⅜ <sub>32</sub> | ⅝ <sub>32</sub> | 1⅝ | 0.444 | 1.341 | 38.26    | 28.36                 |  |
| 52        | D60E52      | E       | 12.850           | 12.422         | C²   | 3½               | 2⅝               | 2⅜ <sub>16</sub> | 6                | ⅞ | 1⅜ <sub>32</sub> | ⅝ <sub>32</sub> | 1⅝ | 0.444 | 1.341 | 49.52    | 39.52                 |  |
| 60        | D60E60      | E       | 14.760           | 14.331         | C²   | 3½               | 2⅝               | 2⅜ <sub>16</sub> | 6                | ⅞ | 1⅜ <sub>32</sub> | ⅝ <sub>32</sub> | 1⅝ | 0.444 | 1.341 | 63.39    | 53.74                 |  |
| 68        | D60E68      | E       | 16.670           | 16.240         | C⁴   | 3½               | 2⅝               | 2⅜ <sub>16</sub> | 6                | ⅞ | 1⅜ <sub>32</sub> | ⅝ <sub>32</sub> | 1⅝ | 0.444 | 1.341 | 54.32    | 44.32                 |  |
| 76        | D60E76      | E       | 18.580           | 18.149         | C⁴   | 3½               | 2⅝               | 2⅜ <sub>16</sub> | 6                | ⅞ | 1⅜ <sub>32</sub> | ⅝ <sub>32</sub> | 1⅝ | 0.444 | 1.341 | 61.48    | 51.48                 |  |
| 95        | D60E95      | E       | 23.120           | 22.683         | C⁴   | 3½               | 2⅝               | 2⅜ <sub>16</sub> | 6                | ⅞ | 1⅜ <sub>32</sub> | ⅝ <sub>32</sub> | 1⅝ | 0.444 | 1.341 | 82.96    | 72.96                 |  |

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



Triple- Type B & C

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches)   |                  | Hub (inches)     |                 | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|-----------------|------------------|------------------|-----------------|-----------------------|
|           |             |                  |      | Stock           | Rec. Max.        | Diameter         | Length Thru     |                       |
| 11        | T60B11H     | 3.000            | B    | 1               | 1 $\frac{1}{4}$  | 1 $\frac{1}{16}$ | 3               | 2.5                   |
| 12        | T60B12H     | 3.250            | B    | 1               | 1 $\frac{7}{16}$ | 2 $\frac{1}{8}$  | 3               | 3.3                   |
| 13        | T60B13H     | 3.490            | B    | 1               | 1 $\frac{1}{2}$  | 2 $\frac{1}{4}$  | 3               | 3.9                   |
| 14        | T60B14H     | 3.740            | B    | 1               | 1 $\frac{3}{4}$  | 2 $\frac{1}{2}$  | 3               | 4.5                   |
| 15        | T60B15H     | 3.980            | B    | 1               | 1 $\frac{7}{8}$  | 2 $\frac{3}{16}$ | 3               | 5.4                   |
| 16        | T60B16H     | 4.220            | B    | 1               | 2                | 3                | 3               | 6.5                   |
| 17        | T60B17H     | 4.460            | B    | 1               | 2 $\frac{1}{4}$  | 3 $\frac{1}{4}$  | 3               | 7.7                   |
| 18        | T60B18H     | 4.700            | B    | 1               | 2 $\frac{3}{8}$  | 3 $\frac{1}{2}$  | 3               | 8.5                   |
| 19        | T60B19H     | 4.950            | B    | 1               | 2 $\frac{1}{2}$  | 3 $\frac{1}{16}$ | 3               | 10.0                  |
| 20        | T60B20H     | 5.190            | B    | 1               | 2 $\frac{1}{2}$  | 3 $\frac{3}{4}$  | 3               | 11.2                  |
| 21        | T60B21H     | 5.430            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{8}$  | 3               | 12.5                  |
| 22        | T60B22H     | 5.670            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{4}$  | 3               | 13.2                  |
| 23        | T60B23H     | 5.910            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{4}$  | 3               | 14.6                  |
| 24        | T60B24H     | 6.150            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{4}$  | 3               | 15.8                  |
| 25        | T60B25H     | 6.390            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{4}$  | 3               | 17.0                  |
| 26        | T60B26H     | 6.630            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{4}$  | 3               | 18.6                  |
| 30        | T60B30H     | 7.590            | B    | 1               | 2 $\frac{3}{4}$  | 4 $\frac{1}{4}$  | 3               | 23.2                  |
| 35        | T60B35H     | 8.780            | B    | 1 $\frac{1}{4}$ | 3                | 4 $\frac{1}{2}$  | 3 $\frac{1}{4}$ | 34.5                  |
| 36        | T60B36H     | 9.020            | B    | 1 $\frac{1}{4}$ | 3                | 4 $\frac{1}{2}$  | 3 $\frac{1}{4}$ | 37.0                  |
| 42        | T60B42H     | 10.460           | B    | 1 $\frac{1}{4}$ | 3 $\frac{1}{4}$  | 4 $\frac{3}{4}$  | 3 $\frac{3}{8}$ | 49.0                  |
| 45        | T60B45H     | 11.180           | B    | 1 $\frac{1}{4}$ | 3 $\frac{1}{4}$  | 4 $\frac{3}{4}$  | 3 $\frac{3}{8}$ | 57.0                  |
| 52        | T60C52H     | 12.850           | C    | 1 $\frac{1}{4}$ | 3 $\frac{1}{4}$  | 4 $\frac{3}{4}$  | 3 $\frac{1}{2}$ | 73.0                  |
| 60        | T60C60H     | 14.760           | C    | 1 $\frac{1}{4}$ | 3 $\frac{1}{4}$  | 4 $\frac{3}{4}$  | 3 $\frac{1}{2}$ | 63.0                  |
| 68        | T60C68H     | 16.670           | C    | 1 $\frac{1}{4}$ | 3 $\frac{1}{4}$  | 5                | 3 $\frac{1}{2}$ | 73.0                  |
| 72        | T60C72H     | 17.630           | C    | 1 $\frac{1}{4}$ | 3 $\frac{1}{4}$  | 5                | 3 $\frac{1}{2}$ | 85.0                  |
| 76        | T60C76H     | 18.580           | C    | 1 $\frac{1}{2}$ | 3 $\frac{1}{4}$  | 5 $\frac{1}{2}$  | 3 $\frac{1}{2}$ | 82.0                  |
| 95        | T60C95H     | 23.120           | C    | 1 $\frac{1}{2}$ | 3 $\frac{1}{4}$  | 5 $\frac{1}{2}$  | 4               | 105.0                 |

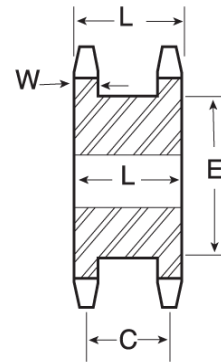
Triple- Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type           | Max. Bore       | Dimensions       |                  |   |                  |                |               |                |                 |       |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|----------------|-----------------|------------------|------------------|---|------------------|----------------|---------------|----------------|-----------------|-------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |                |                 | L1               | L2               | C | Y                | P              | G             | V              | X               | T     | W     | With Hub              | Rim Only |
| 36        | T60E36      | E       | 9.020            | 8.605          | B              | 3 $\frac{1}{2}$ | 2 $\frac{3}{8}$  | 2 $\frac{1}{16}$ | 6 | 1 $\frac{7}{64}$ | $\frac{1}{8}$  | —             | —              | 1 $\frac{1}{8}$ | 0.444 | 2.238 | 49.0                  | 37.0     |
| 42        | T60E42      | E       | 10.460           | 10.036         | B              | 3 $\frac{1}{2}$ | 2 $\frac{3}{8}$  | 2 $\frac{1}{16}$ | 6 | 1 $\frac{7}{64}$ | $\frac{1}{8}$  | —             | —              | 1 $\frac{1}{8}$ | 0.444 | 2.238 | 62.0                  | 50.0     |
| 52        | T60E52      | E       | 12.850           | 12.422         | B              | 3 $\frac{1}{2}$ | 2 $\frac{3}{8}$  | 2 $\frac{1}{16}$ | 6 | 1 $\frac{7}{64}$ | $\frac{1}{8}$  | —             | —              | 1 $\frac{1}{8}$ | 0.444 | 2.238 | 80.0                  | 68.0     |
| 68        | T60E68      | E       | 16.670           | 16.240         | B <sup>1</sup> | 3 $\frac{1}{2}$ | 2 $\frac{1}{16}$ | 3 $\frac{7}{64}$ | 6 | $\frac{9}{16}$   | $\frac{3}{16}$ | $\frac{1}{8}$ | $\frac{5}{16}$ | 1 $\frac{1}{8}$ | 0.444 | 2.238 | 83.0                  | 71.0     |
| 76        | T60E76      | E       | 18.580           | 18.149         | B <sup>1</sup> | 3 $\frac{1}{2}$ | 2 $\frac{1}{16}$ | 3 $\frac{7}{64}$ | 6 | $\frac{9}{16}$   | $\frac{3}{16}$ | $\frac{1}{8}$ | $\frac{5}{16}$ | 1 $\frac{1}{8}$ | 0.444 | 2.238 | 99.0                  | 87.0     |
| 95        | T60E95      | E       | 23.120           | 22.683         | B <sup>1</sup> | 3 $\frac{1}{2}$ | 2 $\frac{1}{16}$ | 3 $\frac{7}{64}$ | 6 | $\frac{9}{16}$   | $\frac{3}{16}$ | $\frac{1}{8}$ | $\frac{5}{16}$ | 1 $\frac{1}{8}$ | 0.444 | 2.238 | 129.0                 | 117.0    |



# No.60 $\frac{3}{4}$ " Pitch All Steel Stock Sprockets

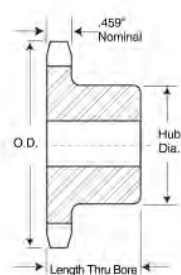
**TOLTEC**  
INCORPORATED



Type A

Double Single - Type A—Steel

| No. Teeth | Part Number | Diameters        |                | Type | Min. Bore     | Max. Bore        | Dimensions       |                  |                  |        | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|----------------|------|---------------|------------------|------------------|------------------|------------------|--------|-----------------------|
|           |             | Outside Diameter | Pitch Diameter |      |               |                  | L                | C                | E                | W Nom. |                       |
| 13        | DS60A13     | 3.490            | 3.134          | A    | $\frac{3}{4}$ | $1\frac{1}{4}$   | $1\frac{15}{16}$ | $1\frac{31}{64}$ | $2\frac{11}{32}$ | 0.459  | 2.6                   |
| 14        | DS60A14     | 3.740            | 3.371          | A    | $\frac{3}{4}$ | $1\frac{5}{16}$  | $1\frac{15}{16}$ | $1\frac{31}{64}$ | $2\frac{9}{16}$  | 0.459  | 3.2                   |
| 15        | DS60A15     | 3.980            | 3.607          | A    | $\frac{3}{4}$ | $1\frac{1}{2}$   | $1\frac{15}{16}$ | $1\frac{31}{64}$ | $2\frac{7}{8}$   | 0.459  | 3.8                   |
| 16        | DS60A16     | 4.220            | 3.844          | A    | $\frac{3}{4}$ | $1\frac{11}{16}$ | $1\frac{15}{16}$ | $1\frac{31}{64}$ | $3\frac{3}{64}$  | 0.459  | 4.5                   |
| 17        | DS60A17     | 4.460            | 4.082          | A    | $\frac{3}{4}$ | $1\frac{3}{4}$   | $1\frac{15}{16}$ | $1\frac{31}{64}$ | $3\frac{1}{4}$   | 0.459  | 5.3                   |
| 18        | DS60A18     | 4.700            | 4.319          | A    | $\frac{3}{4}$ | $1\frac{7}{8}$   | $1\frac{15}{16}$ | $1\frac{31}{64}$ | $3\frac{1}{2}$   | 0.459  | 6.5                   |
| 19        | DS60A19     | 4.950            | 4.557          | A    | $\frac{3}{4}$ | $2\frac{1}{16}$  | $1\frac{15}{16}$ | $1\frac{31}{64}$ | $3\frac{43}{64}$ | 0.459  | 6.8                   |
| 20        | DS60A20     | 5.190            | 4.794          | A    | $\frac{3}{4}$ | $2\frac{1}{4}$   | $1\frac{15}{16}$ | $1\frac{31}{64}$ | $3\frac{61}{64}$ | 0.459  | 7.0                   |
| 21        | DS60A21     | 5.430            | 5.032          | A    | $\frac{3}{4}$ | $2\frac{3}{4}$   | $1\frac{15}{16}$ | $1\frac{31}{64}$ | $4\frac{3}{16}$  | 0.459  | 7.5                   |
| 22        | DS60A22     | 5.670            | 5.270          | A    | $\frac{3}{4}$ | $2\frac{3}{4}$   | $1\frac{15}{16}$ | $1\frac{31}{64}$ | $4\frac{7}{16}$  | 0.459  | 11.0                  |
| 23        | DS60A23     | 5.910            | 5.508          | A    | $\frac{3}{4}$ | $2\frac{3}{4}$   | $1\frac{15}{16}$ | $1\frac{31}{64}$ | $4\frac{21}{32}$ | 0.459  | 11.5                  |
| 24        | DS60A24     | 6.150            | 5.749          | A    | $\frac{3}{4}$ | $2\frac{3}{4}$   | $1\frac{15}{16}$ | $1\frac{31}{64}$ | $4\frac{29}{32}$ | 0.459  | 12.0                  |



Type B

Single - Type B - Stainless

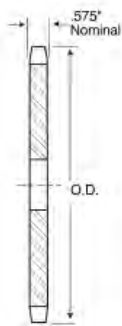
Single - Type A

\* Has recessed groove in hub for chain clearance.

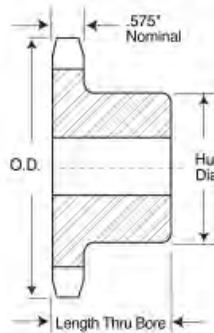
| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches)  |                 | Hub (inches)       |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore      | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|----------------|-----------------|--------------------|------------------|--------------------|------|-------------|-----------------|-----------------------|
|           |             |                  |      | Stock          | Rec. Max        | Diameter           | Length Thru Bore |                    |      |             |                 |                       |
| 8         | 60B8SS      | 2.261            | B    | $\frac{5}{8}$  | $\frac{5}{8}$   | $1\frac{15}{32}$ * | $1\frac{1}{4}$   | 0.54               | —    | —           | —               | —                     |
| 9         | 60B9SS      | 2.511            | B    | $\frac{3}{4}$  | $\frac{7}{8}$   | $1\frac{1}{16}$ *  | $1\frac{1}{4}$   | 0.64               | —    | —           | —               | —                     |
| 10        | 60B10SS     | 2.759            | B    | $\frac{3}{4}$  | $1\frac{1}{8}$  | $1\frac{15}{16}$ * | $1\frac{1}{4}$   | 0.99               | —    | —           | —               | —                     |
| 11        | 60B11SS     | 3.005            | B    | $\frac{3}{4}$  | $1\frac{1}{16}$ | $2\frac{1}{16}$ *  | $1\frac{1}{4}$   | 1.16               | —    | —           | —               | —                     |
| 12        | 60B12SS     | 3.249            | B    | $\frac{3}{4}$  | $1\frac{3}{8}$  | $2\frac{3}{8}$ *   | $1\frac{1}{4}$   | 1.50               | —    | —           | —               | —                     |
| 13        | 60B13SS     | 3.493            | B    | $\frac{3}{4}$  | $1\frac{1}{2}$  | $2\frac{11}{32}$   | $1\frac{1}{4}$   | 1.71               | —    | —           | —               | —                     |
| 14        | 60B14SS     | 3.736            | B    | $\frac{3}{4}$  | $1\frac{3}{4}$  | $2\frac{9}{16}$    | $1\frac{1}{4}$   | 2.05               | A    | 60A13SS     | $\frac{3}{4}$   | 0.80                  |
| 15        | 60B15SS     | 3.978            | B    | $\frac{3}{4}$  | $1\frac{7}{8}$  | $2\frac{7}{8}$     | $1\frac{1}{4}$   | 2.51               | A    | 60A14SS     | $\frac{3}{4}$   | 0.94                  |
| 16        | 60B16SS     | 4.220            | B    | $\frac{3}{4}$  | 2               | $3\frac{1}{16}$    | $1\frac{1}{4}$   | 2.88               | A    | 60A15SS     | $\frac{3}{4}$   | 1.08                  |
| 17        | 60B17SS     | 4.462            | B    | $\frac{3}{4}$  | $2\frac{1}{4}$  | $3\frac{1}{4}$     | $1\frac{1}{4}$   | 3.27               | A    | 60A16SS     | $\frac{3}{4}$   | 1.24                  |
| 18        | 60B18SS     | 4.703            | B    | $\frac{3}{4}$  | $2\frac{3}{8}$  | $3\frac{1}{2}$     | $1\frac{1}{4}$   | 3.77               | A    | 60A17SS     | $\frac{3}{4}$   | 1.44                  |
| 19        | 60B19SS     | 4.945            | B    | $\frac{3}{4}$  | $2\frac{3}{8}$  | $3\frac{1}{2}$     | $1\frac{1}{4}$   | 3.98               | A    | 60A18SS     | $\frac{3}{4}$   | 1.62                  |
| 20        | 60B20SS     | 5.186            | B    | $\frac{3}{4}$  | $2\frac{3}{8}$  | $3\frac{7}{8}$     | $1\frac{1}{4}$   | 4.69               | A    | 60A20SS     | $\frac{3}{4}$   | 1.84                  |
| 21        | 60B21SS     | 5.426            | B    | $\frac{3}{4}$  | $2\frac{3}{4}$  | 4                  | $1\frac{1}{4}$   | 5.10               | A    | 60A21SS     | $\frac{3}{4}$   | 2.34                  |
| 22        | 60B22SS     | 5.666            | B    | $\frac{3}{4}$  | $2\frac{3}{4}$  | 4                  | $1\frac{1}{4}$   | 5.34               | A    | 60A22SS     | $\frac{3}{4}$   | 2.56                  |
| 23        | 60B23SS     | 5.907            | B    | $\frac{3}{4}$  | $2\frac{3}{4}$  | 4                  | $1\frac{1}{4}$   | 5.59               | A    | 60A23SS     | $\frac{3}{4}$   | 2.81                  |
| 24        | 60B24SS     | 6.147            | B    | $\frac{3}{4}$  | $2\frac{3}{4}$  | 4                  | $1\frac{1}{4}$   | 5.59               | A    | 60A24SS     | $2\frac{3}{32}$ | 3.08                  |
| 25        | 60B25SS     | 6.387            | B    | $\frac{3}{4}$  | $2\frac{3}{4}$  | 4                  | $1\frac{1}{4}$   | 6.13               | A    | 60A25SS     | $2\frac{3}{32}$ | 3.35                  |
| 26        | 60B26SS     | 6.627            | B    | $\frac{3}{4}$  | $2\frac{3}{4}$  | 4                  | $1\frac{1}{4}$   | 6.42               | A    | 60A26SS     | $2\frac{3}{32}$ | 3.67                  |
| 28        | 60B28SS     | 7.106            | B    | $\frac{3}{4}$  | $2\frac{3}{4}$  | 4                  | $1\frac{1}{4}$   | 7.03               | A    | 60A28SS     | $2\frac{3}{32}$ | 4.28                  |
| 30        | 60B30SS     | 7.586            | B    | $\frac{3}{4}$  | $2\frac{3}{4}$  | 4                  | $1\frac{1}{4}$   | 7.69               | A    | 60A30SS     | $2\frac{3}{32}$ | 4.94                  |
| 32        | 60B32SS     | 8.065            | B    | $\frac{3}{4}$  | $2\frac{3}{4}$  | 4                  | $1\frac{1}{4}$   | 5.26               | A    | 60A32SS     | $2\frac{3}{32}$ | 5.52                  |
| 35        | 60B35SS     | 8.783            | B    | 1              | $2\frac{3}{4}$  | 4                  | $1\frac{1}{4}$   | 9.41               | A    | 60A35SS     | $1\frac{5}{16}$ | 6.74                  |
| 36        | 60B36SS     | 9.023            | B    | 1              | $2\frac{3}{4}$  | 4                  | $1\frac{1}{4}$   | 9.60               | A    | 60A36SS     | $1\frac{5}{16}$ | 6.82                  |
| 40        | 60B40SS     | 9.980            | B    | 1              | $2\frac{3}{4}$  | $4\frac{1}{4}$     | $1\frac{1}{4}$   | 11.91              | A    | 60A40SS     | $1\frac{5}{16}$ | 8.88                  |
| 45        | 60B45SS     | 11.176           | B    | 1              | $2\frac{3}{4}$  | $4\frac{1}{4}$     | $1\frac{1}{4}$   | 14.34              | A    | 60A45SS     | $1\frac{5}{16}$ | 11.30                 |
| 60        | 60B60SS     | 14.761           | B    | $1\frac{1}{4}$ | $2\frac{3}{4}$  | $4\frac{1}{4}$     | $1\frac{3}{4}$   | 25.05              | A    | 60A60SS     | $1\frac{1}{4}$  | 20.08                 |

# No.80 1" Pitch All Steel Stock Sprockets

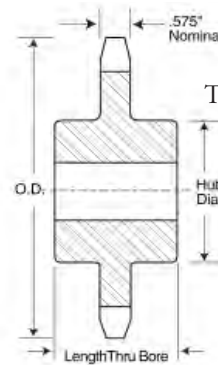
# TOLTEC INCORPORATED



Type A



Type B



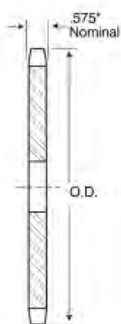
Type C

\* Has recessed groove in hub for chain clearance.

Single - Type B & C

Single - Type A

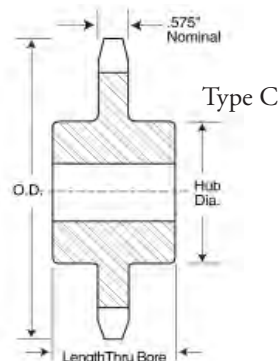
| No. Teeth | Port Number | Outside Diameter | Type | Bore                           |                                | Hub                               |                               | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore                     | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|--------------------------------|--------------------------------|-----------------------------------|-------------------------------|--------------------|------|-------------|--------------------------------|-----------------------|
|           |             |                  |      | Stock                          | Rec. Max                       | Diameter                          | Length Thru Bore              |                    |      |             |                                |                       |
| 8         | 80B8H       | 3.010            | B    | 1                              | 1                              | 1 <sup>15</sup> / <sub>16</sub> * | 1 <sup>3</sup> / <sub>8</sub> | 1.4                | —    | —           | —                              | —                     |
| 9         | 80B9H       | 3.350            | B    | 1                              | 1 <sup>5</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>4</sub> *   | 1 <sup>3</sup> / <sub>8</sub> | 1.6                | A    | 80A9        | 1 <sup>5</sup> / <sub>16</sub> | .8                    |
| 10        | 80B10H      | 3.680            | B    | 1                              | 1 <sup>1</sup> / <sub>2</sub>  | 2 <sup>3</sup> / <sub>16</sub> *  | 1 <sup>3</sup> / <sub>8</sub> | 2.2                | A    | 80A10       | 1 <sup>5</sup> / <sub>16</sub> | 1.0                   |
| 11        | 80B11H      | 4.010            | B    | 1                              | 1 <sup>3</sup> / <sub>8</sub>  | 2 <sup>13</sup> / <sub>16</sub> * | 1 <sup>3</sup> / <sub>8</sub> | 3.2                | A    | 80A11       | 1 <sup>5</sup> / <sub>16</sub> | 1.3                   |
| 12        | 80B12H      | 4.330            | B    | 1                              | 1 <sup>3</sup> / <sub>8</sub>  | 3 <sup>1</sup> / <sub>8</sub> *   | 1 <sup>3</sup> / <sub>8</sub> | 3.4                | A    | 80A12       | 1 <sup>5</sup> / <sub>16</sub> | 1.5                   |
| 13        | 80B13H      | 4.660            | B    | 1                              | 2                              | 3                                 | 1 <sup>1</sup> / <sub>2</sub> | 3.5                | A    | 80A13       | 1 <sup>5</sup> / <sub>16</sub> | 1.8                   |
| 14        | 80B14H      | 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       | 1 <sup>5</sup> / <sub>16</sub> | 2.2                   |
| 15        | 80B15H      | 5.300            | B    | 1                              | 2 <sup>1</sup> / <sub>2</sub>  | 3 <sup>13</sup> / <sub>16</sub>   | 1 <sup>1</sup> / <sub>2</sub> | 5.3                | A    | 80A15       | 1 <sup>5</sup> / <sub>16</sub> | 2.5                   |
| 16        | 80B16H      | 5.630            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4                                 | 1 <sup>1</sup> / <sub>2</sub> | 5.9                | A    | 80A16       | 1 <sup>5</sup> / <sub>16</sub> | 2.9                   |
| 17        | 80B17H      | 5.950            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4                                 | 1 <sup>1</sup> / <sub>2</sub> | 6.6                | A    | 80A17       | 1 <sup>5</sup> / <sub>16</sub> | 3.3                   |
| 18        | 80B18H      | 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       | 1 <sup>5</sup> / <sub>16</sub> | 3.7                   |
| 19        | 80B19H      | 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       | 1 <sup>5</sup> / <sub>16</sub> | 4.1                   |
| 20        | 80B20H      | 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       | 1 <sup>5</sup> / <sub>16</sub> | 4.7                   |
| 21        | 80B21H      | 7.240            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>     | 1 <sup>3</sup> / <sub>4</sub> | 9.4                | A    | 80A21       | 1 <sup>5</sup> / <sub>16</sub> | 4.9                   |
| 22        | 80B22H      | 7.560            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>     | 1 <sup>3</sup> / <sub>4</sub> | 10.0               | A    | 80A22       | 1 <sup>5</sup> / <sub>16</sub> | 5.5                   |
| 23        | 80B23H      | 7.880            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>     | 1 <sup>3</sup> / <sub>4</sub> | 10.7               | A    | 80A23       | 1 <sup>5</sup> / <sub>16</sub> | 6.3                   |
| 24        | 80B24H      | 8.200            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>     | 1 <sup>3</sup> / <sub>4</sub> | 11.3               | A    | 80A24       | 1 <sup>5</sup> / <sub>16</sub> | 6.7                   |
| 25        | 80B25H      | 8.520            | B    | 1                              | 2 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>     | 1 <sup>3</sup> / <sub>4</sub> | 11.9               | A    | 80A25       | 1 <sup>5</sup> / <sub>16</sub> | 7.2                   |
| 26        | 80B26H      | 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        | 80B27H      | 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        | 80B28H      | 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        | 80B29H      | 9.800            | B    | 1 <sup>3</sup> / <sub>16</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        | 80B30H      | 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        | 80B31H      | 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        | 80B32H      | 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        | 80B33H      | 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        | 80B34H      | 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        | 80B35H      | 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        | 80B36H      | 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        | 80B37H      | 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        | 80B38H      | 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        | 80B39H      | 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                  |



Type A



Type B



Type C

\* Has recessed groove in hub for chain clearance.

Single - Type B & C

Single - Type A

| No. Teeth | Port Number | Outside Diameter | Type | Bore(inches)     |                 | Hub(inches)     |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore       | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|------------------|-----------------|-----------------|------------------|--------------------|------|-------------|------------------|-----------------------|
|           |             |                  |      | Stock            | Rec. Max        | Diameter        | Length Thru Bore |                    |      |             |                  |                       |
| 40        | 80B40H      | 13.310           | B    | 1 $\frac{1}{16}$ | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 26.7               | A    | 80A40       | 1 $\frac{1}{16}$ | 18.9                  |
| 41        | 80B41H      | 13.630           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 27.8               | A    | 80A41       | 1 $\frac{1}{4}$  | 21.0                  |
| 42        | 80B42H      | 13.940           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 28.7               | A    | 80A42       | 1 $\frac{1}{4}$  | 21.8                  |
| 43        | 80B43H      | 14.260           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 29.4               | A    | 80A43       | 1 $\frac{1}{4}$  | 23.6                  |
| 44        | 80B44H      | 14.580           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 29.9               | A    | 80A44       | 1 $\frac{1}{4}$  | 24.3                  |
| 45        | 80B45H      | 14.900           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 31.4               | A    | 80A45       | 1 $\frac{1}{4}$  | 25.2                  |
| 46        | 80B46H      | 15.220           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 33.1               | A    | 80A46       | 1 $\frac{1}{4}$  | 26.6                  |
| 47        | 80B47H      | 15.540           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 34.0               | A    | 80A47       | 1 $\frac{1}{4}$  | 26.4                  |
| 48        | 80B48H      | 15.860           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 35.5               | A    | 80A48       | 1 $\frac{1}{4}$  | 27.8                  |
| 49        | 80B49H      | 16.180           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 35.8               | A    | 80A49       | 1 $\frac{1}{4}$  | 28.9                  |
| 50        | 80B50H      | 16.500           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 37.3               | A    | 80A50       | 1 $\frac{1}{4}$  | 30.9                  |
| 51        | 80B51H      | 16.810           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 38.6               | A    | 80A51       | 1 $\frac{1}{4}$  | 32.2                  |
| 52        | 80B52H      | 17.130           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 39.4               | A    | 80A52       | 1 $\frac{1}{4}$  | 33.0                  |
| 53        | 80B53H      | 17.450           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{4}$ | 4 $\frac{3}{4}$ | 2                | 41.3               | A    | 80A53       | 1 $\frac{1}{4}$  | 34.9                  |
| 54        | 80B54H      | 17.770           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$ | 2                | 44.7               | A    | 80A54       | 1 $\frac{1}{4}$  | 36.6                  |
| 55        | 80B55H      | 18.090           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$ | 2                | 45.6               | A    | 80A55       | 1 $\frac{1}{4}$  | 37.5                  |
| 56        | 80B56H      | 18.410           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$ | 2                | 47.5               | A    | 80A56       | 1 $\frac{1}{4}$  | 39.4                  |
| 57        | 80B57H      | 18.730           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$ | 2                | 48.5               | A    | 80A57       | 1 $\frac{1}{4}$  | 40.4                  |
| 58        | 80B58H      | 19.040           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$ | 2                | 50.5               | A    | 80A58       | 1 $\frac{1}{4}$  | 41.3                  |
| 59        | 80B59H      | 19.360           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$ | 2                | 52.1               | A    | 80A59       | 1 $\frac{1}{4}$  | 42.9                  |
| 60        | 80B60H      | 19.680           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$ | 2                | 54.5               | A    | 80A60       | 1 $\frac{1}{4}$  | 45.3                  |
| 65        | 80B65H      | 21.270           | B    | 1 $\frac{1}{4}$  | 3 $\frac{1}{2}$ | 5 $\frac{1}{4}$ | 2                | 61.8               | A    | 80A65       | 1 $\frac{1}{4}$  | 52.2                  |
| 70        | 80C70H      | 22.870           | C    | 1 $\frac{1}{2}$  | 4 $\frac{1}{4}$ | 6 $\frac{1}{4}$ | 3 $\frac{1}{2}$  | 75.7               | A    | 80A70       | 1 $\frac{1}{2}$  | 59.8                  |
| 72        | 80C72H      | 23.500           | C    | 1 $\frac{1}{2}$  | 4 $\frac{1}{4}$ | 6 $\frac{1}{4}$ | 3 $\frac{1}{2}$  | 81.4               | A    | 80A72       | 1 $\frac{1}{2}$  | 65.7                  |
| 76        | 80C76H      | 24.780           | C    | 1 $\frac{1}{2}$  | 4 $\frac{1}{4}$ | 6 $\frac{1}{4}$ | 3 $\frac{1}{2}$  | 87.8               | A    | 80A76       | 1 $\frac{1}{2}$  | 70.2                  |
| 80        | 80C80H      | 26.050           | C    | 1 $\frac{1}{2}$  | 4 $\frac{1}{4}$ | 6 $\frac{1}{4}$ | 3 $\frac{1}{2}$  | 89.9               | A    | 80A80       | 1 $\frac{1}{2}$  | 79.6                  |
| 84        | 80C84H      | 27.330           | C    | 1 $\frac{1}{2}$  | 4 $\frac{1}{4}$ | 6 $\frac{1}{4}$ | 3 $\frac{1}{2}$  | 99.2               | A    | 80A84       | 1 $\frac{1}{2}$  | 86.1                  |
| 90        | 80C90H      | 29.240           | C    | 1 $\frac{1}{2}$  | 4 $\frac{1}{4}$ | 6 $\frac{1}{4}$ | 3 $\frac{1}{2}$  | 106.0              | A    | 80A90       | 1 $\frac{1}{2}$  | 101.0                 |
| 96        | 80C96H      | 31.150           | C    | 1 $\frac{1}{2}$  | 4 $\frac{1}{4}$ | 6 $\frac{1}{4}$ | 3 $\frac{1}{2}$  | 117.0              | A    | 80A96       | 1 $\frac{1}{2}$  | 120.0                 |
| 112       | 80C112H     | 36.240           | C    | 1 $\frac{1}{2}$  | 4 $\frac{1}{4}$ | 6 $\frac{1}{4}$ | 3 $\frac{1}{2}$  | 154.0              | A    | 80A112      | 1 $\frac{1}{2}$  | 165.0                 |

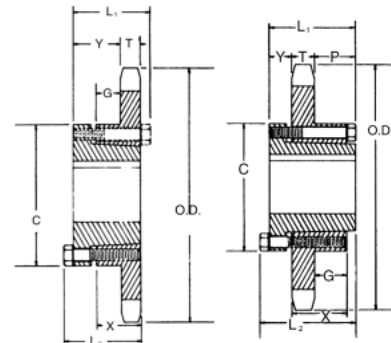
# No.80 1" Pitch All Steel Stock Sprockets



## Single - Type QD With Hardened Teeth

| No. Teeth | Port Number |
|-----------|-------------|
| 11        | 80SH11H     |
| 12        | 80SH12H     |
| 13        | 80SDS13H    |
| 14        | 80SDS14H    |
| 15        | 80SK15H     |
| 16        | 80SK16H     |
| 17        | 80SK17H     |
| 18        | 80SK18H     |
| 19        | 80SK19H     |

| No. Teeth | Port Number |
|-----------|-------------|
| 20        | 80SF20H     |
| 21        | 80SF21H     |
| 22        | 80SF22H     |
| 23        | 80SF23H     |
| 24        | 80SF24H     |
| 25        | 80SF25H     |
| 26        | 80SF26H     |
| 27        | 80SF27H     |
| 28        | 80SF28H     |
| 30        | 80SF30H     |

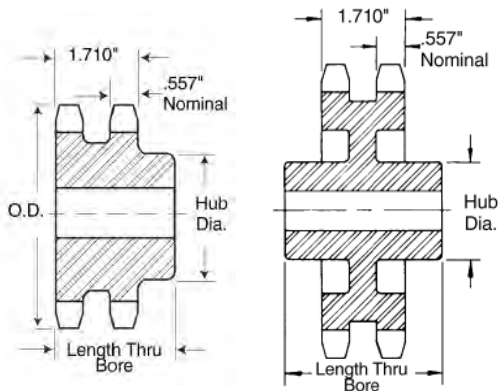


QD - Type B

QD - Type C

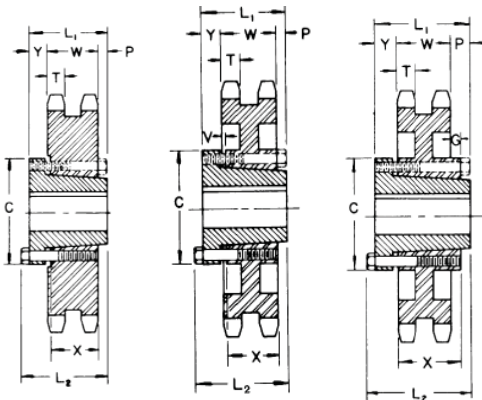
## Single - Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore       | Dimensions       |                  |                  |                   |                  |                   |                  |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|-----------------|------------------|------------------|------------------|-------------------|------------------|-------------------|------------------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |                 | L1               | L2               | C                | Y                 | P                | G                 | X                | T     | With Hub              | Rim Only |
| 11        | 80SH11      | SH      | 4.010            | 3.550          | B    | 1 $\frac{3}{8}$ | 1 $\frac{7}{16}$ | 1 $\frac{7}{16}$ | 2 $\frac{1}{16}$ | 2 $\frac{1}{32}$  | —                | 1 $\frac{5}{64}$  | 1 $\frac{3}{16}$ | 0.575 | 2.0                   | 1.0      |
| 12        | 80SH12      | SH      | 4.330            | 3.864          | B    | 1 $\frac{3}{8}$ | 1 $\frac{7}{16}$ | 1 $\frac{7}{16}$ | 2 $\frac{1}{16}$ | 2 $\frac{1}{32}$  | —                | 1 $\frac{5}{64}$  | 1 $\frac{3}{16}$ | 0.575 | 2.4                   | 1.4      |
| 13        | 80SDS13     | SDS     | 4.660            | 4.179          | B    | 2               | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$ | 4 $\frac{7}{64}$  | —                | 1 $\frac{1}{64}$  | 3 $\frac{3}{4}$  | 0.575 | 2.5                   | 1.5      |
| 14        | 80SDS14     | SDS     | 4.980            | 4.494          | B    | 2               | 1 $\frac{1}{2}$  | 1 $\frac{1}{2}$  | 3 $\frac{3}{16}$ | 4 $\frac{7}{64}$  | —                | 1 $\frac{1}{64}$  | 3 $\frac{3}{4}$  | 0.575 | 2.8                   | 1.8      |
| 15        | 80SK15      | SK      | 5.300            | 4.810          | B    | 2 $\frac{3}{8}$ | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$  | 1 $\frac{19}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 4.5                   | 2.5      |
| 16        | 80SK16      | SK      | 5.630            | 5.126          | B    | 2 $\frac{3}{8}$ | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$  | 1 $\frac{19}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 5.1                   | 3.1      |
| 17        | 80SK17      | SK      | 5.950            | 5.442          | B    | 2 $\frac{3}{8}$ | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$  | 1 $\frac{19}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 5.5                   | 3.5      |
| 18        | 80SK18      | SK      | 6.270            | 5.759          | B    | 2 $\frac{3}{8}$ | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$  | 1 $\frac{19}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 5.9                   | 3.9      |
| 19        | 80SK19      | SK      | 6.590            | 6.076          | B    | 2 $\frac{3}{8}$ | 2 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 3 $\frac{7}{8}$  | 1 $\frac{19}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 6.4                   | 4.4      |
| 20        | 80SF20      | SF      | 6.910            | 6.392          | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 8.3                   | 5.3      |
| 21        | 80SF21      | SF      | 7.240            | 6.710          | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 8.7                   | 5.7      |
| 22        | 80SF22      | SF      | 7.560            | 7.027          | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 9.3                   | 6.3      |
| 23        | 80SF23      | SF      | 7.880            | 7.344          | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 9.8                   | 6.8      |
| 24        | 80SF24      | SF      | 8.200            | 7.661          | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 10.5                  | 7.5      |
| 25        | 80SF25      | SF      | 8.520            | 7.979          | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 11.0                  | 8.0      |
| 26        | 80SF26      | SF      | 8.840            | 8.296          | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 11.6                  | 8.6      |
| 27        | 80SF27      | SF      | 9.160            | 8.614          | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 12.4                  | 9.4      |
| 28        | 80SF28      | SF      | 9.480            | 8.931          | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 13.2                  | 10.2     |
| 30        | 80SF30      | SF      | 10.110           | 9.567          | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 14.3                  | 11.3     |
| 32        | 80SF32      | SF      | 10.750           | 10.202         | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 16.0                  | 13.0     |
| 33        | 80SF33      | SF      | 11.070           | 10.520         | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 16.5                  | 13.5     |
| 34        | 80SF34      | SF      | 11.390           | 10.838         | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 17.1                  | 14.1     |
| 35        | 80SF35      | SF      | 11.710           | 11.156         | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 18.5                  | 15.5     |
| 36        | 80SF36      | SF      | 12.030           | 11.474         | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 19.9                  | 16.9     |
| 40        | 80SF40      | SF      | 13.310           | 12.746         | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 23.6                  | 20.6     |
| 42        | 80SF42      | SF      | 13.940           | 13.382         | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 25.4                  | 22.4     |
| 45        | 80SF45      | SF      | 14.900           | 14.336         | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 28.1                  | 25.1     |
| 48        | 80SF48      | SF      | 15.860           | 15.290         | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 31.6                  | 28.6     |
| 54        | 80SF54      | SF      | 17.770           | 17.198         | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 39.8                  | 36.8     |
| 60        | 80SF60      | SF      | 19.680           | 19.107         | B    | 2 $\frac{1}{2}$ | 2 $\frac{1}{4}$  | 2 $\frac{1}{4}$  | 4 $\frac{3}{8}$  | 1 $\frac{27}{64}$ | —                | 2 $\frac{1}{32}$  | 1 $\frac{1}{4}$  | 0.575 | 48.8                  | 45.8     |
| 70        | 80E70       | E       | 22.870           | 22.289         | C    | 3 $\frac{1}{2}$ | 2 $\frac{3}{8}$  | 2 $\frac{1}{2}$  | 6                | 7 $\frac{7}{8}$   | 1 $\frac{3}{16}$ | 1 $\frac{3}{64}$  | 1 $\frac{3}{8}$  | 0.575 | 65.6                  | 55.6     |
| 72        | 80E72       | E       | 23.500           | 22.926         | C    | 3 $\frac{1}{2}$ | 2 $\frac{3}{8}$  | 2 $\frac{1}{2}$  | 6                | 7 $\frac{7}{8}$   | 1 $\frac{3}{16}$ | 1 $\frac{3}{64}$  | 1 $\frac{3}{8}$  | 0.575 | 69.3                  | 59.3     |
| 80        | 80E80       | E       | 26.050           | 25.471         | C    | 3 $\frac{1}{2}$ | 2 $\frac{3}{8}$  | 2 $\frac{1}{2}$  | 6                | 7 $\frac{7}{8}$   | 1 $\frac{3}{16}$ | 1 $\frac{3}{64}$  | 1 $\frac{3}{8}$  | 0.575 | 79.2                  | 69.2     |
| 84        | 80E84       | E       | 27.330           | 26.744         | C    | 3 $\frac{1}{2}$ | 2 $\frac{3}{8}$  | 2 $\frac{1}{2}$  | 6                | 7 $\frac{7}{8}$   | 1 $\frac{3}{16}$ | 1 $\frac{3}{64}$  | 1 $\frac{3}{8}$  | 0.575 | 84.9                  | 74.9     |
| 96        | 80E96       | E       | 31.150           | 30.563         | C    | 3 $\frac{1}{2}$ | 2 $\frac{3}{8}$  | 2 $\frac{1}{2}$  | 6                | 7 $\frac{7}{8}$   | 1 $\frac{3}{16}$ | 1 $\frac{3}{64}$  | 1 $\frac{3}{8}$  | 0.575 | 108.0                 | 97.5     |
| 112       | 80F112      | F       | 36.240           | 35.655         | C    | 3 $\frac{1}{2}$ | 3 $\frac{3}{8}$  | 4                | 6 $\frac{3}{4}$  | 1                 | 2 $\frac{1}{16}$ | 1 $\frac{59}{64}$ | 2 $\frac{1}{2}$  | 0.575 | 145.0                 | 134.0    |



Type B

Type C



QD -Type C1    QD -Type C3    QD -Type C4

### Double- Type B & C

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |
| 10        | D80B10H     | 3.680            | B    | 1             | 1½        | 2⅞*          | 2¾          | 3.6                   |
| 11        | D80B11H     | 4.010            | B    | 1             | 1¾        | 2½           | 2½          | 4.0                   |
| 12        | D80B12H     | 4.330            | B    | 1             | 1⅞        | 2⅞           | 2½          | 5.1                   |
| 13        | D80B13H     | 4.660            | B    | 1             | 2¼        | 3⅞           | 2½          | 6.3                   |
| 14        | D80B14H     | 4.980            | B    | 1             | 2⅝        | 3⅞           | 2½          | 7.6                   |
| 15        | D80B15H     | 5.300            | B    | 1             | 2½        | 3⅞           | 2½          | 9.0                   |
| 16        | D80B16H     | 5.630            | B    | 1             | 2¾        | 4            | 2¾          | 11.0                  |
| 17        | D80B17H     | 5.950            | B    | 1             | 3         | 4⅞           | 2¾          | 13.2                  |
| 18        | D80B18H     | 6.270            | B    | 1             | 3¼        | 4⅞           | 2¾          | 15.0                  |
| 19        | D80B19H     | 6.590            | B    | 1             | 3⅝        | 5            | 2¾          | 17.0                  |
| 20        | D80B20H     | 6.910            | B    | 1             | 3⅞        | 5            | 2¾          | 18.2                  |
| 21        | D80B21H     | 7.240            | B    | 1             | 3⅞        | 5            | 2¾          | 19.6                  |
| 22        | D80B22H     | 7.560            | B    | 1             | 3⅞        | 5            | 2¾          | 21.0                  |
| 23        | D80B23H     | 7.880            | B    | 1             | 3⅞        | 5            | 2¾          | 22.8                  |
| 24        | D80B24H     | 8.200            | B    | 1             | 3½        | 5¼           | 2¾          | 25.1                  |
| 25        | D80B25H     | 8.520            | B    | 1             | 3½        | 5¼           | 3           | 28.3                  |
| 26        | D80B26      | 8.840            | B    | 1             | 3½        | 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           | 3⅞          | 54.2                  |
| 42        | D80B42      | 13.940           | B    | 1¼            | 3¾        | 5¾           | 3⅞          | 71.5                  |
| 45        | D80B45      | 14.900           | B    | 1¼            | 3¾        | 5¾           | 3⅞          | 73.5                  |
| 52        | D80C52      | 17.130           | C    | 1½            | 3¾        | 5¾           | 3¾          | 78.4                  |
| 60        | D80C60      | 19.680           | C    | 1½            | 3¾        | 5¾           | 3¾          | 93.3                  |
| 68        | D80C68      | 22.230           | C    | 1½            | 3⅞        | 6            | 4           | 96.2                  |
| 76        | D80C76      | 24.780           | C    | 1½            | 3⅞        | 6            | 4           | 113.0                 |
| 95        | D80C95      | 30.830           | C    | 1½            | 4         | 6            | 4¼          | 165.0                 |

\* Has recessed groove in hub for chain clearance.

### Double- Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions |    |    |    |   |   |   |    |       |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|-----------|------------|----|----|----|---|---|---|----|-------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |           | L1         | L2 | C  | Y  | P | G | V | X  | T     | W     | With Hub              | Rim Only |
| 36        | D80E36      | E       | 12.030           | 11.474         | C¹   | 3½        | 2⅝         | 2⅞ | 6  | 5⅞ | ⅞ | — | — | 1⅞ | 0.557 | 1.710 | 48.3                  | 38.2     |
| 42        | D80E42      | E       | 13.940           | 13.382         | C¹   | 3½        | 2⅝         | 2⅞ | 6  | 5⅞ | ⅞ | — | — | 1⅞ | 0.557 | 1.710 | 65.3                  | 55.3     |
| 45        | D80E45      | E       | 14.900           | 14.336         | C¹   | 3½        | 2⅝         | 2⅞ | 6  | 5⅞ | ⅞ | — | — | 1⅞ | 0.557 | 1.710 | 74.6                  | 64.6     |
| 52        | D80E52      | E       | 17.130           | 16.562         | C³   | 3½        | 2⅝         | 2⅞ | 6  | 5⅞ | ⅞ | — | ⅜ | 1⅞ | 0.557 | 1.710 | 68.2                  | 58.2     |
| 60        | D80E60      | E       | 19.680           | 19.107         | C³   | 3½        | 2⅝         | 2⅞ | 6  | 5⅞ | ⅞ | — | ⅜ | 1⅞ | 0.557 | 1.710 | 78.2                  | 68.2     |
| 68        | D80E68      | E       | 22.230           | 21.653         | C³   | 3½        | 2⅝         | 2⅞ | 6  | 5⅞ | ⅞ | — | ⅜ | 1⅞ | 0.557 | 1.710 | 84.2                  | 74.2     |
| 76        | D80E76      | E       | 24.780           | 24.198         | C³   | 3½        | 2⅝         | 2⅞ | 6  | 5⅞ | ⅞ | — | ⅜ | 1⅞ | 0.557 | 1.710 | 100.0                 | 90.1     |
| 95        | D80F95      | F       | 30.830           | 30.245         | C⁴   | 3⅞        | 3⅞         | 4  | 6⅞ | 1  | ⅞ | ⅞ | — | 2½ | 0.557 | 1.710 | 152.0                 | 140.0    |

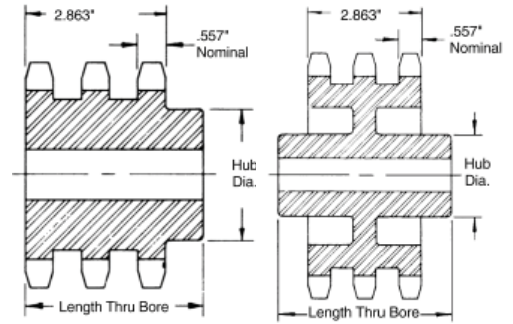


# No.80-3 1" Pitch All Steel Stock Sprockets

# TOLTEC INCORPORATED

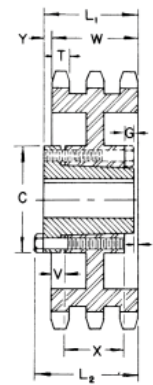
## Triple- Type B & C

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |
| 11        | T80B11H     | 4.010            | B    | 1             | 1 3/4     | 2 1/2        | 3 3/8       | 5.9                   |
| 12        | T80B12H     | 4.330            | B    | 1             | 1 7/8     | 2 7/32       | 3 3/8       | 7.5                   |
| 13        | T80B13H     | 4.660            | B    | 1             | 2 1/4     | 3 5/32       | 3 3/8       | 9.2                   |
| 14        | T80B14H     | 4.980            | B    | 1             | 2 3/8     | 3 15/32      | 3 3/8       | 11.0                  |
| 15        | T80B15H     | 5.300            | B    | 1             | 2 1/2     | 3 51/64      | 3 3/8       | 13.1                  |
| 16        | T80B16H     | 5.630            | B    | 1             | 2 3/4     | 4            | 3 3/8       | 15.8                  |
| 17        | T80B17H     | 5.950            | B    | 1             | 3         | 4 27/64      | 3 3/8       | 18.6                  |
| 18        | T80B18H     | 6.270            | B    | 1             | 3 1/4     | 4 47/64      | 3 3/8       | 21.2                  |
| 19        | T80B19H     | 6.590            | B    | 1             | 3 5/16    | 5            | 3 3/8       | 23.7                  |
| 20        | T80B20H     | 6.910            | B    | 1             | 3 5/16    | 5            | 3 3/8       | 26.0                  |
| 21        | T80B21H     | 7.240            | B    | 1             | 3 5/16    | 5            | 3 3/8       | 28.4                  |
| 22        | T80B22H     | 7.560            | B    | 1             | 3 5/16    | 5            | 3 3/8       | 31.0                  |
| 23        | T80B23H     | 7.880            | B    | 1             | 3 5/16    | 5            | 3 3/8       | 33.6                  |
| 24        | T80B24H     | 8.200            | B    | 1             | 3 1/2     | 5 1/4        | 3 3/8       | 37.1                  |
| 25        | T80B25H     | 8.520            | B    | 1             | 3 1/2     | 5 1/4        | 3 3/8       | 40.1                  |
| 26        | T80B26H     | 8.840            | B    | 1             | 3 1/2     | 5 1/4        | 3 3/8       | 42.9                  |
| 30        | T80B30H     | 10.110           | B    | 1 1/4         | 3 3/4     | 5 3/4        | 4 1/4       | 54.5                  |
| 35        | T80B35H     | 11.710           | B    | 1 1/4         | 3 3/4     | 5 3/4        | 4 1/4       | 79.5                  |
| 36        | T80B36H     | 12.030           | B    | 1 1/4         | 3 3/4     | 5 3/4        | 4 1/4       | 83.9                  |
| 42        | T80C42H     | 13.940           | C    | 1 1/4         | 3 13/16   | 6            | 4 1/2       | 84.9                  |
| 45        | T80C45H     | 14.900           | C    | 1 1/4         | 3 13/16   | 6            | 4 1/2       | 92.4                  |
| 52        | T80C52H     | 17.130           | C    | 1 1/2         | 3 13/16   | 6            | 4 1/2       | 107.0                 |
| 60        | T80C60H     | 19.680           | C    | 1 1/2         | 4 1/4     | 6 1/4        | 4 3/4       | 128.0                 |
| 68        | T80C68H     | 22.230           | C    | 1 1/2         | 4 1/4     | 6 1/4        | 4 3/4       | 140.0                 |
| 76        | T80C76H     | 24.780           | C    | 1 1/2         | 4 1/4     | 6 1/4        | 4 3/4       | 165.0                 |
| 95        | T80C95H     | 30.830           | C    | 1 1/2         | 4 1/2     | 6 3/4        | 5           | 240.0                 |



Type B

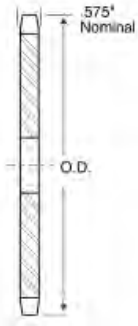
Type C



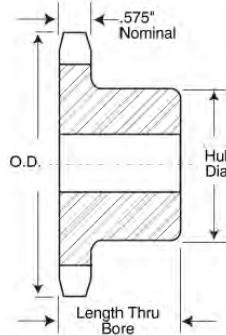
QD — Type B1

## Triple- Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type           | Max. Bore | Dimensions |         |       |        |        |     |      |       |       |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|----------------|-----------|------------|---------|-------|--------|--------|-----|------|-------|-------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |                |           | L1         | L2      | C     | Y      | P      | G   | V    | X     | T     | W     | With Hub              | Rim Only |
| 36        | T80E36      | E       | 12.030           | 11.474         | B              | 3 1/2     | 3 7/64     | 3 27/64 | 6     | 1/4    | 3 1/64 | 1/8 | 5/8  | 1 3/8 | 0.557 | 2.863 | 65.1                  | 55.1     |
| 42        | T80E42      | E       | 13.940           | 13.382         | B              | 3 1/2     | 3 7/64     | 3 27/64 | 6     | 1/4    | 3 1/64 | 1/8 | 5/8  | 1 3/8 | 0.557 | 2.863 | 81.9                  | 71.9     |
| 45        | T80E45      | E       | 14.900           | 14.336         | B <sup>1</sup> | 3 1/2     | 3 7/64     | 3 27/64 | 6     | 1/4    | 3 1/64 | 1/8 | 5/8  | 1 3/8 | 0.557 | 2.863 | 75.3                  | 65.3     |
| 52        | T80E52      | E       | 17.130           | 16.562         | B <sup>1</sup> | 3 1/2     | 3 7/64     | 3 27/64 | 6     | 1/4    | 3 1/64 | 1/8 | 5/8  | 1 3/8 | 0.557 | 2.863 | 90.0                  | 80.0     |
| 60        | T80F60      | F       | 19.680           | 19.107         | B <sup>1</sup> | 3 15/16   | 3 43/64    | 4 3/64  | 6 3/8 | 1 3/16 | 3/64   | 1/8 | 3/16 | 2 1/2 | 0.557 | 2.863 | 112.0                 | 100.0    |
| 68        | T80F68      | F       | 22.230           | 21.653         | B <sup>1</sup> | 3 15/16   | 3 43/64    | 4 3/64  | 6 3/8 | 1 3/16 | 3/64   | 1/8 | 3/16 | 2 1/2 | 0.557 | 2.863 | 132.0                 | 120.0    |
| 76        | T80F76      | F       | 24.780           | 24.198         | B1             | 3 15/16   | 3 43/64    | 4 3/64  | 6 3/8 | 1 3/16 | 3/64   | 1/8 | 3/16 | 2 1/2 | 0.557 | 2.863 | 150.0                 | 138.0    |
| 95        | T80F95      | F       | 30.830           | 30.245         | B1             | 3 15/16   | 3 43/64    | 4 3/64  | 6 3/8 | 1 3/16 | 3/64   | 1/8 | 3/16 | 2 1/2 | 0.557 | 2.863 | 208.0                 | 196.0    |



Type A



Type B

Single - Type B

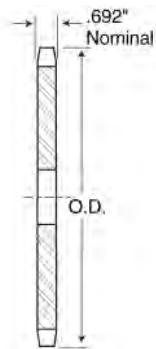
Single - Type A

| No. Teeth | Port Number | Outside Diameter | Type | Bore(inches) |          | Hub(inches) |                  | Wt. Lbs.<br>(Approx.) | Type | Port Number | Stock Bore | Weight Lbs.<br>(Approx.) |
|-----------|-------------|------------------|------|--------------|----------|-------------|------------------|-----------------------|------|-------------|------------|--------------------------|
|           |             |                  |      | Stock        | Rec. Max | Diameter    | Length Thru Bore |                       |      |             |            |                          |
| 10        | 80B10SS     | 3.680            | B    | 1            | 1½       | 2⅞*         | 1⅝               | 2.14                  | —    | —           | —          | —                        |
| 11        | 80B11SS     | 4.010            | B    | 1            | 1⅝       | 2⅜*         | 1⅝               | 2.72                  | —    | —           | —          | —                        |
| 12        | 80B12SS     | 4.330            | B    | 1            | 1⅞       | 3⅞*         | 1⅝               | 3.42                  | A    | 80A12SS     | 1⅝         | 1.50                     |
| 13        | 80B13SS     | 4.660            | B    | 1            | 2        | 3           | 1½               | 3.53                  | A    | 80A13SS     | 1⅝         | 1.80                     |
| 14        | 80B14SS     | 4.980            | B    | 1            | 2¼       | 3¼          | 1½               | 4.19                  | A    | 80A14SS     | 1⅝         | 2.20                     |
| 15        | 80B15SS     | 5.300            | B    | 1            | 2½       | 3⅜          | 1½               | 5.38                  | A    | 80A15SS     | 1⅝         | 2.50                     |
| 16        | 80B16SS     | 5.630            | B    | 1            | 2¾       | 4           | 1½               | 6.07                  | A    | 80A16SS     | 1⅝         | 2.90                     |
| 17        | 80B17SS     | 5.950            | B    | 1            | 2¾       | 4           | 1½               | 6.45                  | A    | 80A17SS     | 1⅝         | 3.30                     |
| 18        | 80B18SS     | 6.270            | B    | 1            | 2¾       | 4¼          | 1½               | 7.34                  | A    | 80A18SS     | 1⅝         | 3.70                     |
| 19        | 80B19SS     | 6.590            | B    | 1            | 2¾       | 4¼          | 1½               | 7.80                  | A    | 80A19SS     | 1⅝         | 4.10                     |
| 20        | 80B20SS     | 6.910            | B    | 1            | 2¾       | 4¼          | 1½               | 8.22                  | A    | 80A20SS     | 1⅝         | 4.70                     |
| 21        | 80B21SS     | 7.240            | B    | 1            | 2¾       | 4¼          | 1¾               | 9.40                  | A    | 80A21SS     | 1⅝         | 5.10                     |
| 22        | 80B22SS     | 7.560            | B    | 1            | 2¾       | 4¼          | 1¾               | 10.00                 | A    | 80A22SS     | 1⅝         | 5.61                     |
| 23        | 80B23SS     | 7.880            | B    | 1            | 2¾       | 4¼          | 1¾               | 10.70                 | A    | 80A23SS     | 1⅝         | 6.10                     |
| 24        | 80B24SS     | 8.200            | B    | 1            | 2¾       | 4¼          | 1¾               | 11.36                 | A    | 80A24SS     | 1⅝         | 6.73                     |
| 25        | 80B25SS     | 8.520            | B    | 1            | 2¾       | 4¼          | 1¾               | 11.90                 | A    | 80A25SS     | 1⅝         | 7.26                     |
| 26        | 80B26SS     | 8.840            | B    | 1¼           | 3¼       | 4¾          | 2                | 14.57                 | A    | 80A26SS     | 1¾         | 6.73                     |
| 30        | 80B30SS     | 10.110           | B    | 1⅝           | 3¼       | 4¾          | 2                | 17.50                 | A    | 80A30SS     | 1¾         | 10.53                    |
| 35        | 80B35SS     | 11.710           | B    | 1⅝           | 3¼       | 4¾          | 2                | 21.48                 | A    | 80A35SS     | 1¾         | 13.07                    |
| 40        | 80B40SS     | 13.310           | B    | 1⅝           | 3¼       | 4¾          | 2                | 26.00                 | A    | 80A40SS     | 1¾         | 19.22                    |

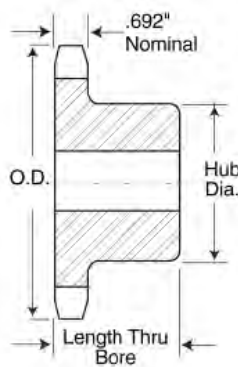
\* Has recessed groove in hub for chain clearance.

# No.100 1 1/4" Pitch All Steel Stock Sprockets

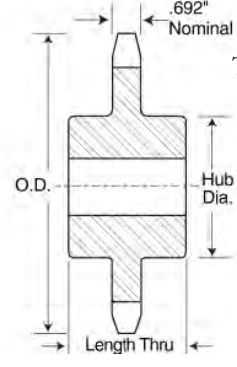
# TOLTEC INCORPORATED



Type A



Type B



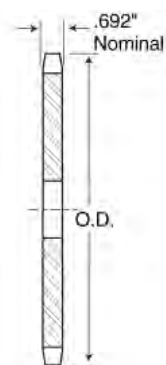
Type C

Single - Type B & C

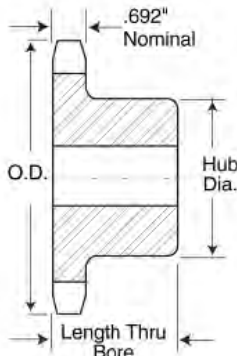
Single - Type A

\* Has recessed groove in hub for chain clearance.

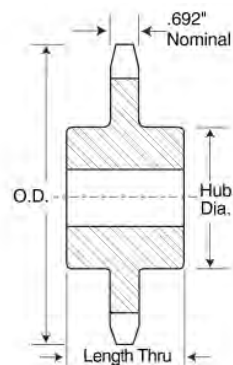
| No. Teeth | Part Number | Outside Diameter | Type | Bore(inches) |          | Hub(inches) |                  | Wt. Lbs.<br>(Approx.) | Type | Part Number | Stock Bore | Weight Lbs.<br>(Approx.) |
|-----------|-------------|------------------|------|--------------|----------|-------------|------------------|-----------------------|------|-------------|------------|--------------------------|
|           |             |                  |      | Stock        | Rec. Max | Diameter    | Length Thru Bore |                       |      |             |            |                          |
| 7         | —           | 3.350            | —    | —            | —        | —           | —                | —                     | A    | 100A7       | 1          | 1.2                      |
| 8         | 100B8H      | 3.770            | B    | 1            | 1 1/4    | 27/16*      | 1 7/8            | 2.3                   | A    | 100A8       | 1          | 1.4                      |
| 9         | 100B9H      | 4.180            | B    | 1            | 1 5/8    | 2 13/16*    | 1 7/8            | 3.2                   | A    | 100A9       | 1          | 1.6                      |
| 10        | 100B10H     | 4.600            | B    | 1            | 1 7/8    | 3 1/4*      | 1 7/8            | 4.1                   | A    | 100A10      | 1          | 2.0                      |
| 11        | 100B11H     | 5.010            | B    | 1            | 2 1/4    | 3 9/16*     | 1 7/8            | 5.3                   | A    | 100A11      | 1 1/4      | 2.5                      |
| 12        | 100B12H     | 5.420            | B    | 1            | 2 1/4    | 4*          | 1 7/8            | 6.4                   | A    | 100A12      | 1 1/4      | 3.0                      |
| 13        | 100B13H     | 5.820            | B    | 1            | 2 3/8    | 3 7/8       | 1 5/8            | 6.6                   | A    | 100A13      | 1 1/4      | 3.5                      |
| 14        | 100B14H     | 6.230            | B    | 1 1/4        | 2 3/4    | 4 3/16      | 1 5/8            | 7.4                   | A    | 100A14      | 1 1/4      | 4.1                      |
| 15        | 100B15H     | 6.630            | B    | 1 1/4        | 3        | 4 1/2       | 1 3/4            | 9.2                   | A    | 100A15      | 1 1/4      | 4.7                      |
| 16        | 100B16H     | 7.030            | B    | 1 1/4        | 3        | 4 1/2       | 1 3/4            | 9.9                   | A    | 100A16      | 1 1/4      | 5.4                      |
| 17        | 100B17H     | 7.440            | B    | 1 1/4        | 3        | 4 1/2       | 1 3/4            | 10.8                  | A    | 100A17      | 1 1/4      | 6.1                      |
| 18        | 100B18H     | 7.840            | B    | 1 1/4        | 3        | 4 1/2       | 1 3/4            | 11.5                  | A    | 100A18      | 1 1/4      | 7.0                      |
| 19        | 100B19H     | 8.240            | B    | 1 1/4        | 3        | 4 1/2       | 2                | 13.1                  | A    | 100A19      | 1 1/4      | 7.8                      |
| 20        | 100B20H     | 8.640            | B    | 1 1/4        | 3        | 4 1/2       | 2                | 14.2                  | A    | 100A20      | 1 1/4      | 8.8                      |
| 21        | 100B21H     | 9.040            | B    | 1 1/4        | 3        | 4 1/2       | 2                | 15.3                  | A    | 100A21      | 1 1/4      | 9.8                      |
| 22        | 100B22H     | 9.440            | B    | 1 1/4        | 3        | 4 1/2       | 2                | 16.1                  | A    | 100A22      | 1 1/4      | 10.5                     |
| 23        | 100B23H     | 9.840            | B    | 1 1/4        | 3        | 4 1/2       | 2                | 17.2                  | A    | 100A23      | 1 1/4      | 11.8                     |
| 24        | 100B24H     | 10.250           | B    | 1 1/4        | 3        | 4 1/2       | 2                | 19.2                  | A    | 100A24      | 1 1/4      | 12.8                     |
| 25        | 100B25H     | 10.650           | B    | 1 1/4        | 3        | 4 1/2       | 2                | 19.5                  | A    | 100A25      | 1 1/4      | 13.9                     |
| 26        | 100B26H     | 11.050           | B    | 1 1/4        | 3 3/16   | 5           | 2                | 21.7                  | A    | 100A26      | 1 1/4      | 15.0                     |
| 27        | 100B27H     | 11.440           | B    | 1 1/4        | 3 3/16   | 5           | 2                | 23.0                  | A    | 100A27      | 1 1/4      | 16.0                     |
| 28        | 100B28H     | 11.840           | B    | 1 1/4        | 3 3/16   | 5           | 2                | 24.4                  | A    | 100A28      | 1 1/4      | 17.4                     |
| 29        | 100B29H     | 12.240           | B    | 1 1/4        | 3 3/16   | 5           | 2                | 25.0                  | A    | 100A29      | 1 1/4      | 19.6                     |
| 30        | 100B30H     | 12.640           | B    | 1 1/4        | 3 3/16   | 5           | 2                | 26.9                  | A    | 100A30      | 1 1/4      | 20.1                     |
| 31        | —           | 13.040           | —    | —            | —        | —           | —                | —                     | A    | 100A31      | 1 1/4      | 21.5                     |
| 32        | 100B32H     | 13.440           | B    | 1 1/4        | 3 3/16   | 5           | 2                | 29.8                  | A    | 100A32      | 1 1/4      | 22.6                     |
| 33        | —           | 13.840           | —    | —            | —        | —           | —                | —                     | A    | 100A33      | 1 1/4      | 24.1                     |
| 34        | —           | 14.240           | —    | —            | —        | —           | —                | —                     | A    | 100A34      | 1 1/4      | 26.0                     |
| 35        | 100B35H     | 14.640           | B    | 1 1/4        | 3 3/16   | 5           | 2 1/2            | 36.9                  | A    | 100A35      | 1 1/4      | 27.2                     |
| 36        | 100B36H     | 15.040           | B    | 1 1/4        | 3 3/16   | 5           | 2 1/2            | 38.6                  | A    | 100A36      | 1 1/4      | 30.0                     |
| 37        | —           | 15.440           | —    | —            | —        | —           | —                | —                     | A    | 100A37      | 1 1/4      | 31.0                     |
| 38        | 100B38H     | 15.840           | B    | 1 1/4        | 3 3/16   | 5           | 2 1/2            | 41.5                  | A    | 100A38      | 1 1/4      | 33.0                     |



Type A



Type B



Type C

\* Has recessed groove in hub for chain clearance.

Single - Type B

Single - Type A

| No. Teeth | Port Number | Outside Diameter | Type | Bore(inches) |          | Hub(inches) |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|--------------|----------|-------------|------------------|--------------------|------|-------------|------------|-----------------------|
|           |             |                  |      | Stock        | Rec. Max | Diameter    | Length Thru Bore |                    |      |             |            |                       |
| 39        | 100B39H     | 16.230           | B    | 1 1/4        | 3 3/16   | 5           | 2 1/2            | 43.6               | A    | 100A39      | 1 1/4      | 35.0                  |
| 40        | 100B40H     | 16.630           | B    | 1 1/4        | 3 3/16   | 5           | 2 1/2            | 46.9               | A    | 100A40      | 1 1/4      | 36.0                  |
| 41        | —           | 17.030           | —    | —            | —        | —           | —                | —                  | A    | 100A41      | 1 1/4      | 39.0                  |
| 42        | 100B42H     | 17.430           | B    | 1 1/4        | 3 3/16   | 5           | 2 1/2            | 50.4               | A    | 100A42      | 1 1/4      | 40.0                  |
| 43        | —           | 17.830           | —    | —            | —        | —           | —                | —                  | A    | 100A43      | 1 1/2      | 43.0                  |
| 44        | —           | 18.230           | —    | —            | —        | —           | —                | —                  | A    | 100A44      | 1 1/2      | 45.0                  |
| 45        | 100B45H     | 18.630           | B    | 1 1/2        | 3 3/16   | 5           | 2 1/2            | 54.0               | A    | 100A45      | 1 1/2      | 47.0                  |
| 46        | —           | 19.020           | —    | —            | —        | —           | —                | —                  | A    | 100A46      | 1 1/2      | 48.0                  |
| 47        | —           | 19.420           | —    | —            | —        | —           | —                | —                  | A    | 100A47      | 1 1/2      | 52.0                  |
| 48        | 100B48H     | 19.820           | B    | 1 1/2        | 4        | 6           | 2 1/2            | 66.0               | A    | 100A48      | 1 1/2      | 54.0                  |
| 49        | —           | 20.220           | —    | —            | —        | —           | —                | —                  | A    | 100A49      | 1 1/2      | 56.0                  |
| 50        | —           | 20.620           | —    | —            | —        | —           | —                | —                  | A    | 100A50      | 1 1/2      | 57.0                  |
| 51        | —           | 21.020           | —    | —            | —        | —           | —                | —                  | A    | 100A51      | 1 1/2      | 63.0                  |
| 52        | —           | 21.420           | —    | —            | —        | —           | —                | —                  | A    | 100A52      | 1 1/2      | 64.0                  |
| 53        | —           | 21.810           | —    | —            | —        | —           | —                | —                  | A    | 100A53      | 1 1/2      | 64.2                  |
| 54        | 100C54H     | 22.210           | C    | 1 1/2        | 4        | 6           | 3 3/4            | 78.0               | A    | 100A54      | 1 1/2      | 68.0                  |
| 55        | —           | 22.610           | —    | —            | —        | —           | —                | —                  | A    | 100A55      | 1 1/2      | 70.0                  |
| 56        | —           | 23.010           | —    | —            | —        | —           | —                | —                  | A    | 100A56      | 1 1/2      | 72.0                  |
| 57        | —           | 23.410           | —    | —            | —        | —           | —                | —                  | A    | 100A57      | 1 1/2      | 75.8                  |
| 58        | —           | 23.810           | —    | —            | —        | —           | —                | —                  | A    | 100A58      | 1 1/2      | 76.0                  |
| 59        | —           | 24.200           | —    | —            | —        | —           | —                | —                  | A    | 100A59      | 1 1/2      | 77.0                  |
| 60        | 100C60H     | 24.600           | C    | 1 1/2        | 4        | 6           | 3 3/4            | 89.0               | A    | 100A60      | 1 1/2      | 80.0                  |
| 70        | 100C70H     | 28.580           | C    | 1 1/2        | 5 1/4    | 7           | 3 3/4            | 125.0              | A    | 100A70      | 1 1/2      | 113                   |
| 72        | 100C72H     | 29.380           | C    | 1 1/2        | 5 1/4    | 7           | 3 3/4            | 134.0              | A    | 100A72      | 1 1/2      | 119                   |
| 76        | 100C76H     | 30.973           | C    | 1 1/2        | 5 1/4    | 7           | 3 3/4            | 143.0              | A    | 100A76      | 1 1/2      | 133                   |
| 80        | 100C80H     | 32.570           | C    | 1 1/2        | 5 1/4    | 7           | 3 3/4            | 151.0              | A    | 100A80      | 1 1/2      | 146                   |
| 84        | 100C84H     | 34.160           | C    | 1 1/2        | 5 1/4    | 7           | 3 3/4            | 170.0              | A    | 100A84      | 1 1/2      | 162                   |
| 90        | 100C90H     | 36.550           | C    | 1 1/2        | 5 1/4    | 7           | 3 3/4            | 184.0              | A    | 100A90      | 1 1/2      | 193                   |
| 96        | 100C96H     | 38.930           | C    | 1 1/2        | 5 1/4    | 7           | 4 1/2            | 203.0              | A    | 100A96      | 1 1/2      | 215                   |

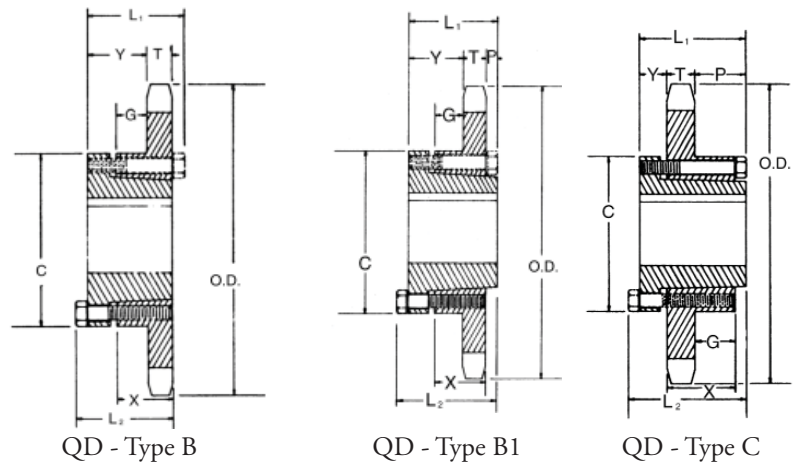
# No.100 1 1/4" Pitch All Steel Stock Sprockets

**TOLTEC**  
INCORPORATED

## Single - Type QD With Hardened Teeth

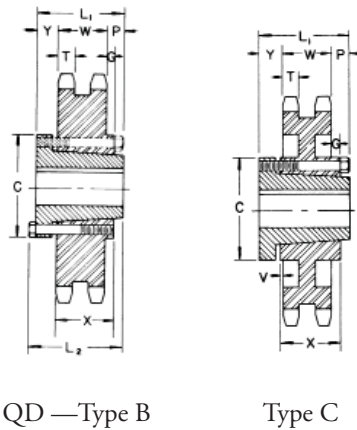
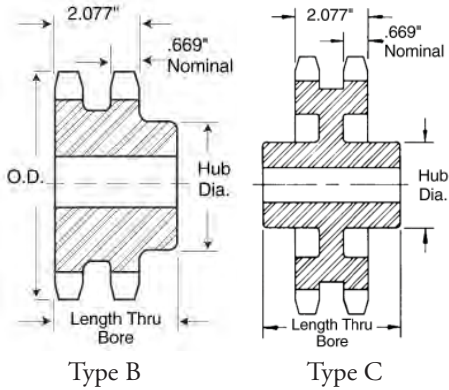
| No. Teeth | Port Number |
|-----------|-------------|
| 11        | 100SDS11H   |
| 12        | 100SDS12H   |
| 13        | 100SK13H    |
| 14        | 100SK14H    |
| 15        | 100SF15H    |
| 16        | 100SF16H    |
| 17        | 100SF17H    |
| 18        | 100E18H     |
| 19        | 100E19H     |

| No. Teeth | Port Number |
|-----------|-------------|
| 20        | 100E20H     |
| 21        | 100E21H     |
| 22        | 100E22H     |
| 23        | 100E23H     |
| 24        | 100E24H     |
| 25        | 100E25H     |
| 26        | 100E26H     |
| 27        | 100E27H     |
| 28        | 100E28H     |
| 30        | 100E30H     |



## Single - Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions |         |        |         |         |         |       |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|-----------|------------|---------|--------|---------|---------|---------|-------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |           | L1         | L2      | C      | Y       | P       | G       | X     | T     | With Hub              | Rim Only |
| 11        | 100SDS11    | SDS     | 5.010            | 4.437          | B    | 2         | 1 1/2      | 1 1/2   | 3 1/16 | 5/8     | —       | 1/16    | 3/4   | 0.692 | 3.0                   | 2.0      |
| 12        | 100SDS12    | SDS     | 5.420            | 4.830          | B    | 2         | 1 1/2      | 1 1/2   | 3 1/16 | 5/8     | —       | 1/16    | 3/4   | 0.692 | 3.6                   | 2.6      |
| 13        | 100SK13     | SK      | 5.820            | 5.223          | B    | 2 3/8     | 2 1/8      | 2 1/8   | 3 7/8  | 1 13/64 | —       | 3/16    | 1 1/4 | 0.692 | 5.3                   | 3.3      |
| 14        | 100SK14     | SK      | 6.230            | 5.617          | B    | 2 3/8     | 2 1/8      | 2 1/8   | 3 7/8  | 1 13/64 | —       | 3/16    | 1 1/4 | 0.692 | 6.1                   | 4.1      |
| 15        | 100SF15     | SF      | 6.630            | 6.012          | B    | 2 15/16   | 2 1/4      | 2 1/4   | 4 3/8  | 1 19/64 | —       | 3/16    | 1 1/4 | 0.692 | 7.8                   | 4.8      |
| 16        | 100SF16     | SF      | 7.030            | 6.407          | B    | 2 15/16   | 2 1/4      | 2 1/4   | 4 3/8  | 1 19/64 | —       | 3/16    | 1 1/4 | 0.692 | 8.6                   | 5.6      |
| 17        | 100SF17     | SF      | 7.440            | 6.803          | B    | 2 15/16   | 2 1/4      | 2 1/4   | 4 3/8  | 1 19/64 | —       | 3/16    | 1 1/4 | 0.692 | 9.5                   | 6.5      |
| 18        | 100E18      | E       | 7.840            | 7.198          | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 19.0                  | 9.0      |
| 19        | 100E19      | E       | 8.240            | 7.595          | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 20.2                  | 10.2     |
| 20        | 100E20      | E       | 8.640            | 7.991          | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 21.6                  | 11.6     |
| 21        | 100E21      | E       | 9.040            | 8.387          | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 22.5                  | 12.5     |
| 22        | 100E22      | E       | 9.440            | 8.783          | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 23.5                  | 13.5     |
| 23        | 100E23      | E       | 9.840            | 9.180          | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 24.6                  | 14.6     |
| 24        | 100E24      | E       | 10.250           | 9.577          | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 25.7                  | 15.7     |
| 25        | 100E25      | E       | 10.650           | 9.973          | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 26.8                  | 16.8     |
| 26        | 100E26      | E       | 11.050           | 10.370         | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 28.1                  | 18.1     |
| 27        | 100E27      | E       | 11.440           | 10.767         | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 29.2                  | 19.2     |
| 28        | 100E28      | E       | 11.840           | 11.164         | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 30.7                  | 20.7     |
| 30        | 100E30      | E       | 12.640           | 11.958         | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 33.2                  | 23.2     |
| 32        | 100E32      | E       | 13.440           | 12.753         | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 35.4                  | 25.4     |
| 35        | 100E35      | E       | 14.640           | 13.945         | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 40.5                  | 30.5     |
| 36        | 100E36      | E       | 15.040           | 14.342         | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 42.5                  | 32.3     |
| 40        | 100E40      | E       | 16.630           | 15.932         | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 49.1                  | 39.1     |
| 42        | 100E42      | E       | 17.430           | 16.727         | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 53.4                  | 43.4     |
| 45        | 100E45      | E       | 18.630           | 17.920         | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 58.9                  | 48.9     |
| 48        | 100E48      | E       | 19.820           | 19.112         | B1   | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 1 13/16 | 1/8     | 15/16   | 1 3/8 | 0.692 | 64.0                  | 54.0     |
| 54        | 100E54      | E       | 22.210           | 21.498         | C    | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 7/8     | 1 1/16  | 15/16   | 1 3/8 | 0.692 | 72.0                  | 62.0     |
| 60        | 100E60      | E       | 24.600           | 23.884         | C    | 3 1/2     | 2 3/8      | 2 15/16 | 6      | 7/8     | 1 1/16  | 15/16   | 1 3/8 | 0.692 | 84.0                  | 74.0     |
| 70        | 100F70      | F       | 28.580           | 27.862         | C    | 3 15/16   | 3 3/8      | 4       | 6 3/8  | 1       | 1 15/16 | 1 13/16 | 2 1/2 | 0.692 | 110.5                 | 99.0     |
| 72        | 100F72      | F       | 29.380           | 28.657         | C    | 3 15/16   | 3 3/8      | 4       | 6 3/8  | 1       | 1 15/16 | 1 13/16 | 2 1/2 | 0.692 | 117.5                 | 106.0    |
| 80        | 100F80      | F       | 32.570           | 31.839         | C    | 3 15/16   | 3 3/8      | 4       | 6 3/8  | 1       | 1 15/16 | 1 13/16 | 2 1/2 | 0.692 | 134.5                 | 123.0    |
| 84        | 100F84      | F       | 34.160           | 33.430         | C    | 3 15/16   | 3 3/8      | 4       | 6 3/8  | 1       | 1 15/16 | 1 13/16 | 2 1/2 | 0.692 | 151.5                 | 140.0    |



### Double- Type B & C

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |
| 9         | D100B9      | 4.180            | B    | 1             | 1 1/8     | 2 3/8        | 2 7/8       | 4.6                   |
| 10        | D100B10     | 4.600            | B    | 1             | 1 7/8     | 2 3/4        | 2 7/8       | 6.2                   |
| 11        | D100B11     | 5.010            | B    | 1             | 2 1/8     | 3 1/8        | 2 7/8       | 7.9                   |
| 12        | D100B12     | 5.420            | B    | 1 1/8         | 2 1/4     | 3 3/8        | 2 7/8       | 9.3                   |
| 13        | D100B13     | 5.820            | B    | 1 1/8         | 2 1/2     | 3 13/16      | 2 7/8       | 11.4                  |
| 14        | D100B14     | 6.230            | B    | 1 1/8         | 2 3/4     | 4 1/16       | 2 7/8       | 13.6                  |
| 15        | D100B15     | 6.630            | B    | 1 1/4         | 3 1/8     | 4 3/8        | 3 1/8       | 17.1                  |
| 16        | D100B16     | 7.030            | B    | 1 1/4         | 3 3/16    | 5            | 3 1/8       | 20.1                  |
| 17        | D100B17     | 7.440            | B    | 1 1/4         | 3 1/2     | 5 1/4        | 3 1/8       | 23.1                  |
| 18        | D100B18     | 7.840            | B    | 1 1/4         | 3 1/2     | 5 1/4        | 3 1/8       | 25.4                  |
| 19        | D100B19     | 8.240            | B    | 1 1/4         | 3 3/4     | 5 1/2        | 3 3/8       | 29.6                  |
| 20        | D100B20     | 8.640            | B    | 1 1/4         | 3 3/4     | 5 1/2        | 3 3/8       | 32.4                  |
| 21        | D100B21     | 9.040            | B    | 1 1/4         | 3 3/4     | 5 1/2        | 3 3/8       | 35.3                  |
| 22        | D100B22     | 9.440            | B    | 1 1/4         | 3 3/4     | 5 1/2        | 3 3/8       | 38.4                  |
| 23        | D100B23     | 9.840            | B    | 1 1/4         | 3 3/4     | 5 1/2        | 3 3/8       | 41.3                  |
| 24        | D100B24     | 10.250           | B    | 1 1/4         | 3 3/4     | 5 3/4        | 3 3/8       | 45.1                  |
| 25        | D100B25     | 10.650           | B    | 1 1/4         | 3 3/4     | 5 3/4        | 3 3/8       | 48.5                  |
| 26        | D100B26     | 11.050           | B    | 1 1/2         | 3 3/4     | 5 3/4        | 3 3/8       | 51.5                  |
| 30        | D100B30     | 12.640           | B    | 1 1/2         | 3 3/4     | 5 3/4        | 3 3/8       | 65.0                  |
| 35        | D100C35     | 14.640           | C    | 1 1/2         | 3 13/16   | 6            | 4 1/4       | 75.0                  |
| 45        | D100C45     | 18.630           | C    | 1 1/2         | 3 13/16   | 6            | 4 1/2       | 103.0                 |
| 60        | D100C60     | 24.600           | C    | 1 1/2         | 5 3/8     | 7 1/2        | 5           | 175.0                 |
| 70        | D100C70     | 28.580           | C    | 1 1/2         | 5 3/8     | 7 1/2        | 5           | 197.0                 |
| 80        | D100C80     | 32.570           | C    | 1 1/2         | 5 3/8     | 7 1/2        | 5           | 231.0                 |

### Double- Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions |    |       |        |         |        |      |        |       |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|-----------|------------|----|-------|--------|---------|--------|------|--------|-------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |           | L1         | L2 | C     | Y      | P       | G      | V    | X      | T     | W     | With Hub              | Rim Only |
| 35        | D100F35     | F       | 14.640           | 13.945         | C2   | 3 13/16   | 3 3/8      | 4  | 6 3/8 | 1      | 3 3/64  | 2 7/64 | —    | 2 1/2  | 0.669 | 2.077 | 84.5                  | 73.0     |
| 45        | D100F45     | F       | 18.630           | 17.920         | C2   | 3 13/16   | 3 3/8      | 4  | 6 3/8 | 1      | 3 3/64  | 2 7/64 | —    | 2 1/2  | 0.669 | 2.077 | 92.5                  | 81.0     |
| 60        | D100J60     | J       | 24.600           | 23.884         | C6   | 4 7/16    | 4 1/2      | 5  | 7 1/4 | 1 7/32 | 1 13/64 | 1 3/32 | 1/32 | 3 3/16 | 0.669 | 2.077 | 152.0                 | 133.0    |
| 70        | D100J70     | J       | 28.580           | 27.862         | C6   | 4 7/16    | 4 1/2      | 5  | 7 1/4 | 1 7/32 | 1 13/64 | 1 3/32 | 1/32 | 3 3/16 | 0.669 | 2.077 | 180.0                 | 161.0    |
| 80        | D100J80     | J       | 32.570           | 31.839         | C6   | 4 7/16    | 4 1/2      | 5  | 7 1/4 | 1 7/32 | 1 13/64 | 1 3/32 | 1/32 | 3 3/16 | 0.669 | 2.077 | 215.0                 | 196.0    |

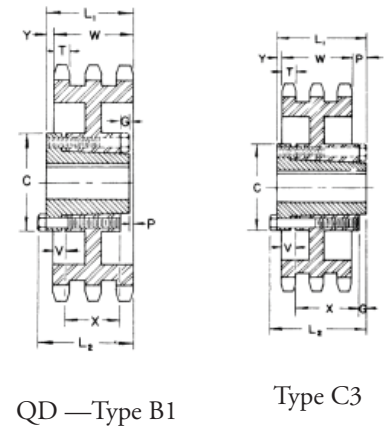
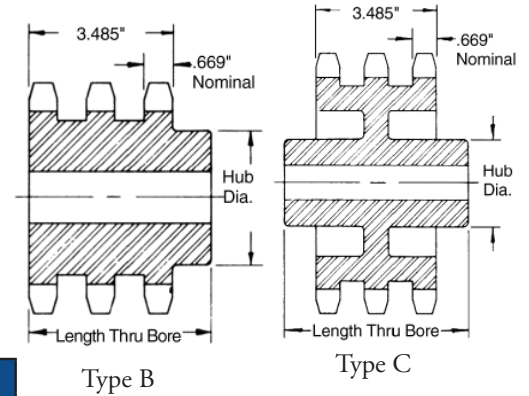


# No.100-3      1 1/4" Pitch All Steel Stock Sprockets

# TOLTEC INCORPORATED

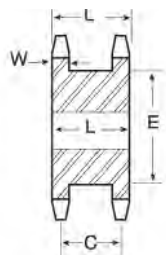
## Triple- Type B & C

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |
| 11        | T100B11     | 5.010            | B    | 1             | 2 1/8     | 3 1/8        | 4 1/4       | 11.7                  |
| 12        | T100B12     | 5.420            | B    | 1 1/8         | 2 1/4     | 3 3/8        | 4 1/4       | 13.7                  |
| 13        | T100B13     | 5.820            | B    | 1 1/8         | 2 1/2     | 3 13/16      | 4 1/4       | 16.9                  |
| 14        | T100B14     | 6.230            | B    | 1 1/8         | 2 3/4     | 4 1/16       | 4 1/4       | 20.2                  |
| 15        | T100B15     | 6.630            | B    | 1 1/4         | 3 1/8     | 4 5/8        | 4 1/2       | 25.0                  |
| 16        | T100B16     | 7.030            | B    | 1 1/4         | 3 1/16    | 5            | 4 1/2       | 29.3                  |
| 17        | T100B17     | 7.440            | B    | 1 1/4         | 3 1/2     | 5 1/4        | 4 1/2       | 33.8                  |
| 18        | T100B18     | 7.840            | B    | 1 1/4         | 3 1/2     | 5 1/4        | 4 3/4       | 38.6                  |
| 19        | T100B19     | 8.240            | B    | 1 1/4         | 3 3/4     | 5 1/2        | 4 3/4       | 43.3                  |
| 20        | T100B20     | 8.640            | B    | 1 1/4         | 3 3/4     | 5 1/2        | 4 3/4       | 47.9                  |
| 21        | T100B21     | 9.040            | B    | 1 1/4         | 3 3/4     | 5 1/2        | 4 3/4       | 52.3                  |
| 22        | T100B22     | 9.440            | B    | 1 1/4         | 3 3/4     | 5 1/2        | 4 3/4       | 57.5                  |
| 23        | T100B23     | 9.840            | B    | 1 1/4         | 3 3/4     | 5 1/2        | 4 3/4       | 62.5                  |
| 24        | T100B24     | 10.250           | B    | 1 1/4         | 3 3/4     | 5 3/4        | 4 3/4       | 69.0                  |
| 25        | T100B25     | 10.650           | B    | 1 1/4         | 3 3/4     | 5 3/4        | 4 3/4       | 73.0                  |
| 26        | T100B26     | 11.050           | B    | 1 1/2         | 3 13/16   | 5 3/4        | 4 3/4       | 79.0                  |
| 30        | T100B30     | 12.640           | B    | 1 1/2         | 3 13/16   | 5 3/4        | 4 3/4       | 103.0                 |
| 35        | T100C35     | 14.640           | C    | 1 1/2         | 4         | 6            | 5           | 108.0                 |
| 45        | T100C45     | 18.630           | C    | 1 1/2         | 4         | 6            | 5           | 143.0                 |
| 60        | T100C60     | 24.600           | C    | 1 1/2         | 5 3/8     | 7 1/2        | 5           | 217.0                 |
| 70        | T100C70     | 28.580           | C    | 1 1/2         | 5 3/8     | 7 1/2        | 5           | 262.0                 |
| 80        | T100C80     | 32.570           | C    | 1 1/2         | 5k        | 7 1/2        | 5           | 313.0                 |



## Triple- Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions |         |       |     |       |     |        |        |       |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|-----------|------------|---------|-------|-----|-------|-----|--------|--------|-------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |           | L1         | L2      | C     | Y   | P     | G   | V      | X      | T     | W     | With Hub              | Rim Only |
| 35        | T100F35     | F       | 14.640           | 13.945         | B1   | 3 13/16   | 3 3/4      | 4 23/64 | 6 5/8 | 1/2 | 2 3/4 | 1/8 | 1/2    | 2 1/2  | 0.669 | 3.485 | 112                   | 100      |
| 45        | T100F45     | F       | 18.630           | 17.820         | B1   | 3 15/16   | 3 5/8      | 4 23/64 | 6 5/8 | 1/2 | 2 3/4 | 1/8 | 1/2    | 2 1/2  | 0.669 | 3.485 | 139                   | 120      |
| 60        | T100J60     | J       | 24.600           | 28.884         | C3   | 4 7/16    | 4 1/2      | 5       | 7 1/4 | 1/2 | 3 3/4 | 3/8 | 1 1/16 | 3 3/16 | 0.669 | 3.485 | 197                   | 178      |
| 70        | T100J70     | J       | 28.580           | 27.862         | C3   | 4 7/16    | 4 1/2      | 5       | 7 1/4 | 1/2 | 3 3/4 | 3/8 | 1 1/16 | 3 3/16 | 0.669 | 3.485 | 247                   | 228      |
| 80        | T100J80     | J       | 32.570           | 31.839         | C3   | 4 7/16    | 4 1/2      | 5       | 7 1/4 | 1/2 | 3 3/4 | 3/8 | 1 1/16 | 3 3/16 | 0.669 | 3.485 | 287                   | 268      |



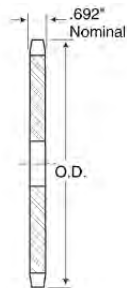
Type A

Double Single - Type A—Steel

| No. Teeth | Port Number | Diameters        |                | Type | Min. Bore | Max. Bore | Dimensions |   |         |        | Weight Lbs. (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 23/32 | 0.692  | 11.2                  |
| 14        | DS100A14    | 6.230            | 5.617          | A    | 1 1/4     | 2 3/4     | 2 1/16     | 2 | 4 3/16  | 0.692  | 13.5                  |
| 15        | DS100A15    | 6.630            | 6.012          | A    | 1 1/4     | 3 1/16    | 2 1/16     | 2 | 4 19/32 | 0.692  | 16.8                  |
| 16        | DS100A16    | 7.030            | 6.407          | A    | 1 1/4     | 3 3/4     | 2 1/16     | 2 | 5       | 0.692  | 19.3                  |
| 17        | DS100A17    | 7.440            | 6.803          | A    | 1 1/4     | 3 3/8     | 2 1/16     | 2 | 5 13/32 | 0.692  | 21.5                  |
| 18        | DS100A18    | 7.840            | 7.198          | A    | 1 1/4     | 3 3/4     | 2 1/16     | 2 | 5 5/64  | 0.692  | 23.0                  |
| 19        | DS100A19    | 8.240            | 7.595          | A    | 1 1/4     | 4 3/16    | 2 1/16     | 2 | 6 1/64  | 0.692  | 25.0                  |
| 20        | DS100A20    | 8.640            | 7.991          | A    | 1 1/4     | 4 3/16    | 2 1/16     | 2 | 6 39/64 | 0.692  | 26.5                  |
| 21        | DS100A21    | 9.040            | 8.387          | A    | 1 1/4     | 5 1/4     | 2 1/16     | 2 | 7       | 0.692  | 29.0                  |

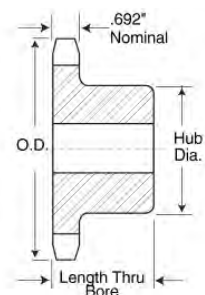
## No. 100

## 1 1/4" Pitch Stainless Steel Stock Sprockets

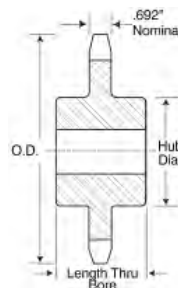


Type A

Single - Type B & C



Type B



Type C

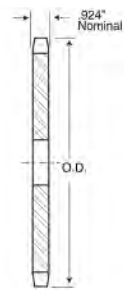
Single - Type A

\* Has recessed groove in hub for chain clearance.

| No. Teeth | Port Number | Outside Diameter | Type | Bore(inches) |          | Hub(inches) |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|--------------|----------|-------------|------------------|--------------------|------|-------------|------------|-----------------------|
|           |             |                  |      | Stock        | Rec. Max | Diameter    | Length Thru Bore |                    |      |             |            |                       |
| 11        | 100B11SS    | 5.010            | B    | 1            | 2 1/4    | 3 9/16*     | 1 7/8            | 5.3                | —    | —           | —          | —                     |
| 12        | 100B12SS    | 5.420            | B    | 1            | 2 1/4    | 4*          | 1 7/8            | 6.4                | —    | —           | —          | —                     |
| 13        | 100B13SS    | 5.820            | B    | 1            | 2 3/8    | 3 7/8       | 1 7/8            | 6.6                | —    | —           | —          | —                     |
| 14        | 100B14SS    | 6.230            | B    | 1 1/4        | 2 3/4    | 4 3/16      | 1 7/8            | 7.4                | —    | —           | —          | —                     |
| 15        | 100B15SS    | 6.630            | B    | 1 1/4        | 3        | 4 1/2       | 1 3/4            | 9.2                | —    | —           | —          | —                     |
| 16        | 100B16SS    | 7.030            | B    | 1 5/16       | 3        | 4 1/2       | 1 3/4            | 9.9                | A    | 100A16SS    | 1 1/4      | 5.4                   |
| 17        | 100B17SS    | 7.440            | B    | 1 5/16       | 3        | 4 1/2       | 1 3/4            | 10.8               | A    | 100A17SS    | 1 1/4      | 6.1                   |
| 18        | 100B18SS    | 7.840            | B    | 1 5/16       | 3        | 4 1/2       | 1 3/4            | 11.5               | A    | 100A18SS    | 1 1/4      | 7.0                   |
| 19        | 100B19SS    | 8.240            | B    | 1 5/16       | 3        | 4 1/2       | 2                | 13.1               | A    | 100A19SS    | 1 1/4      | 7.8                   |
| 20        | 100B20SS    | 8.640            | B    | 1 5/16       | 3        | 4 1/2       | 2                | 14.2               | A    | 100A20SS    | 1 1/4      | 8.8                   |
| 21        | 100B21SS    | 9.040            | B    | 1 5/16       | 3        | 4 1/2       | 2                | 15.3               | A    | 100A21SS    | 1 1/4      | 9.8                   |

# No.120 1½" Pitch All Steel Stock Sprockets

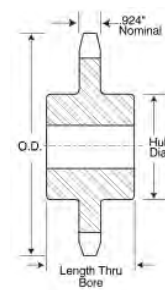
# TOLTEC INCORPORATED



Type A



Type B



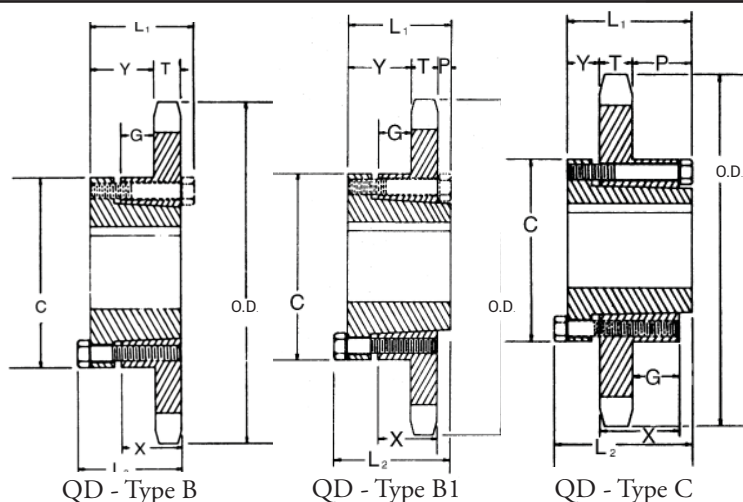
Type C

\* Has recessed groove in hub for chain clearance.

Single - Type B & C

Single - Type A

| No. Teeth | Port Number | Outside Diameter | Type | Bore(inches) |          | Hub(inches) |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|--------------|----------|-------------|------------------|--------------------|------|-------------|------------|-----------------------|
|           |             |                  |      | Stock        | Rec. Max | Diameter    | Length Thru Bore |                    |      |             |            |                       |
| 8         | —           | 4.520            | —    | —            | —        | —           | —                | —                  | A    | 120A8       | 1¼         | 2.4                   |
| 9         | 120B9H      | 5.020            | B    | 1⅜           | 1⅜½      | 3⅜*         | 2¼               | 5.3                | A    | 120A9       | 1¼         | 3.0                   |
| 10        | 120B10H     | 5.520            | B    | 1⅜           | 2¼       | 3¾*         | 2¼               | 7.1                | A    | 120A10      | 1¼         | 3.8                   |
| 11        | 120B11H     | 6.010            | B    | 1⅜           | 2⅜       | 3⅞          | 2½               | 7.6                | A    | 120A11      | 1¼         | 4.8                   |
| 12        | 120B12H     | 6.500            | B    | 1⅜           | 2¾       | 4⅞          | 2½               | 9.9                | A    | 120A12      | 1¼         | 5.8                   |
| 13        | 120B13H     | 6.990            | B    | 1⅜           | 3        | 4⅞½         | 2¼               | 12.4               | A    | 120A13      | 1¼         | 6.7                   |
| 14        | 120B14H     | 7.470            | B    | 1⅜           | 3¼       | 4¾          | 2¼               | 14.4               | A    | 120A14      | 1¼         | 8.0                   |
| 15        | 120B15H     | 7.960            | B    | 1¼           | 3¼       | 4¾          | 2⅜               | 16.7               | A    | 120A15      | 1¼         | 9.1                   |
| 16        | 120B16H     | 8.440            | B    | 1¼           | 3½       | 5¼          | 2⅜               | 19.9               | A    | 120A16      | 1¼         | 10.6                  |
| 17        | 120B17H     | 8.920            | B    | 1¼           | 3½       | 5¼          | 2⅜               | 20.8               | A    | 120A17      | 1¼         | 12.6                  |
| 18        | 120B18H     | 9.410            | B    | 1¼           | 3½       | 5¼          | 2⅜               | 22.2               | A    | 120A18      | 1¼         | 13.6                  |
| 19        | 120B19H     | 9.890            | B    | 1¼           | 3½       | 5¼          | 2⅜               | 24.8               | A    | 120A19      | 1¼         | 15.1                  |
| 20        | 120B20H     | 10.370           | B    | 1¼           | 3½       | 5¼          | 2⅜               | 25.8               | A    | 120A20      | 1¼         | 16.9                  |
| 21        | 120B21H     | 10.850           | B    | 1¼           | 3½       | 5¼          | 2⅜               | 26.7               | A    | 120A21      | 1¼         | 18.7                  |
| 22        | 120B22H     | 11.330           | B    | 1¼           | 3½       | 5¼          | 2⅜               | 28.2               | A    | 120A22      | 1¼         | 20.0                  |
| 23        | 120B23H     | 11.810           | B    | 1¼           | 3½       | 5¼          | 2⅜               | 30.3               | A    | 120A23      | 1¼         | 22.1                  |
| 24        | 120B24H     | 12.290           | B    | 1¼           | 3½       | 5¼          | 2⅜               | 32.1               | A    | 120A24      | 1¼         | 24.8                  |
| 25        | 120B25H     | 12.770           | B    | 1¼           | 3½       | 5¼          | 2⅜               | 34.6               | A    | 120A25      | 1¼         | 26.8                  |
| 26        | 120B26H     | 13.250           | B    | 1½           | 4        | 6           | 2½               | 40.0               | A    | 120A26      | 1½         | 28.3                  |
| 27        | —           | 13.730           | —    | —            | —        | —           | —                | —                  | A    | 120A27      | 1½         | 30.9                  |
| 28        | 120B28H     | 14.210           | B    | 1½           | 4        | 6           | 2½               | 44.9               | A    | 120A28      | 1½         | 33.6                  |
| 30        | 120B30H     | 15.170           | B    | 1½           | 4        | 6           | 2½               | 50.2               | A    | 120A30      | 1½         | 39.0                  |
| 32        | 120B32H     | 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         | 50.0                  |
| 35        | 120B35H     | 17.570           | B    | 1½           | 4        | 6           | 2½               | 62.4               | A    | 120A35      | 1½         | 52.0                  |
| 36        | 120B36H     | 18.050           | B    | 1½           | 4        | 6           | 2½               | 66.4               | A    | 120A36      | 1½         | 56.0                  |
| 40        | 120C40H     | 19.960           | C    | 1½           | 4        | 6           | 3¾               | 92.0               | A    | 120A40      | 1½         | 71.0                  |
| 42        | 120C42H     | 20.920           | C    | 1½           | 4        | 6           | 3¾               | 98.0               | A    | 120A42      | 1½         | 75.0                  |
| 45        | 120C45H     | 22.350           | C    | 1½           | 4        | 6           | 3¾               | 99.2               | A    | 120A45      | 1½         | 88.0                  |
| 48        | 120C48H     | 23.790           | C    | 1½           | 4        | 6           | 4                | 113.0              | A    | 120A48      | 1½         | 103.0                 |
| 54        | 120C54H     | 26.650           | C    | 1½           | 4        | 6           | 4                | 133.0              | A    | 120A54      | 1½         | 140.0                 |
| 60        | 120C60H     | 29.520           | C    | 1½           | 5¼       | 7           | 4                | 160.0              | A    | 120A60      | 1½         | 160.0                 |
| 70        | 120C70H     | 34.300           | C    | 1½           | 5⅜       | 7½          | 4½               | 206.0              | A    | 120A70      | 1½         | 216.0                 |
| 80        | 120C80H     | 39.080           | C    | 1½           | 5⅜       | 7½          | 4½               | 254.0              | A    | 120A80      | 1½         | 284.0                 |
| 90        | —           | 43.850           | —    | —            | —        | —           | —                | —                  | A    | 120A90      | 1½         | 358.0                 |



Single - Type QD With Hardened Teeth

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

Single - Type QD

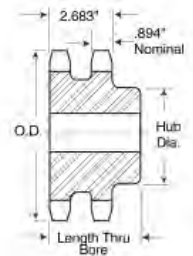
| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore                       | Dimensions                    |                                 |                               |                                |                                 |                                 |                                |       |          | Weight Lbs. (Approx.) |  |
|-----------|-------------|---------|------------------|----------------|------|---------------------------------|-------------------------------|---------------------------------|-------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|-------|----------|-----------------------|--|
|           |             |         | Outside Diameter | Pitch Diameter |      |                                 | L1                            | L2                              | C                             | Y                              | P                               | G                               | X                              | T     | With Hub | Rim Only              |  |
| 12        | 120SF12     | SF      | 6.500            | 5.796          | B    | 2 <sup>15</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub>   | 4 <sup>3</sup> / <sub>8</sub> | 1 <sup>1</sup> / <sub>4</sub>  | —                               | 2 <sup>1</sup> / <sub>4</sub>   | 1 <sup>1</sup> / <sub>4</sub>  | 0.924 | 7.7      | 4.7                   |  |
| 13        | 120SF13     | SF      | 6.990            | 6.268          | B    | 2 <sup>15</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub>   | 4 <sup>3</sup> / <sub>8</sub> | 1 <sup>1</sup> / <sub>4</sub>  | —                               | 2 <sup>1</sup> / <sub>4</sub>   | 1 <sup>1</sup> / <sub>4</sub>  | 0.924 | 9.1      | 6.1                   |  |
| 14        | 120SF14     | SF      | 7.470            | 6.741          | B    | 2 <sup>15</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub>   | 4 <sup>3</sup> / <sub>8</sub> | 1 <sup>1</sup> / <sub>4</sub>  | —                               | 2 <sup>1</sup> / <sub>4</sub>   | 1 <sup>1</sup> / <sub>4</sub>  | 0.924 | 10.4     | 7.4                   |  |
| 15        | 120SF15     | SF      | 7.960            | 7.215          | B    | 2 <sup>15</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>4</sub>   | 4 <sup>3</sup> / <sub>8</sub> | 1 <sup>1</sup> / <sub>4</sub>  | —                               | 2 <sup>1</sup> / <sub>4</sub>   | 1 <sup>1</sup> / <sub>4</sub>  | 0.924 | 11.8     | 8.0                   |  |
| 16        | 120E16      | E       | 8.440            | 7.689          | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>   | 4 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 21.2     | 11.2                  |  |
| 17        | 120E17      | E       | 8.920            | 8.163          | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>   | 4 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 23.4     | 13.4                  |  |
| 18        | 120E18      | E       | 9.410            | 8.638          | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>   | 4 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 24.8     | 14.8                  |  |
| 19        | 120E19      | E       | 9.890            | 9.113          | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>   | 4 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 26.5     | 16.5                  |  |
| 20        | 120E20      | E       | 10.370           | 9.589          | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>   | 4 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 29.2     | 19.2                  |  |
| 21        | 120E21      | E       | 10.850           | 10.064         | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>   | 4 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 29.9     | 19.9                  |  |
| 22        | 120E22      | E       | 11.330           | 10.540         | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>   | 4 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 31.6     | 21.6                  |  |
| 23        | 120E23      | E       | 11.810           | 11.016         | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>   | 4 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 33.8     | 23.8                  |  |
| 24        | 120E24      | E       | 12.290           | 11.492         | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>   | 4 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 35.8     | 25.8                  |  |
| 25        | 120E25      | E       | 12.770           | 11.968         | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>   | 4 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 38.1     | 28.1                  |  |
| 26        | 120E26      | E       | 13.250           | 12.444         | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>   | 4 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 39.9     | 29.9                  |  |
| 28        | 120E28      | E       | 14.210           | 13.397         | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>   | 4 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 49.7     | 34.7                  |  |
| 30        | 120E30      | E       | 15.170           | 14.350         | B1   | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>3</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>   | 4 <sup>5</sup> / <sub>64</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 49.4     | 39.4                  |  |
| 32        | 120F32      | F       | 16.130           | 15.303         | C    | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>8</sub> | 4                               | 6 <sup>3</sup> / <sub>8</sub> | 1                              | 1 <sup>11</sup> / <sub>16</sub> | 1 <sup>37</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>2</sub>  | 0.924 | 62.0     | 50.5                  |  |
| 35        | 120F35      | F       | 17.570           | 16.734         | C    | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>8</sub> | 4                               | 6 <sup>3</sup> / <sub>8</sub> | 1                              | 1 <sup>11</sup> / <sub>16</sub> | 1 <sup>37</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>2</sub>  | 0.924 | 71.0     | 59.5                  |  |
| 36        | 120F36      | F       | 18.050           | 17.211         | C    | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>8</sub> | 4                               | 6 <sup>3</sup> / <sub>8</sub> | 1                              | 1 <sup>11</sup> / <sub>16</sub> | 1 <sup>37</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>2</sub>  | 0.924 | 74.9     | 63.4                  |  |
| 40        | 120F40      | F       | 19.960           | 19.118         | C    | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>8</sub> | 4                               | 6 <sup>3</sup> / <sub>8</sub> | 1                              | 1 <sup>11</sup> / <sub>16</sub> | 1 <sup>37</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>2</sub>  | 0.924 | 88.5     | 77.0                  |  |
| 42        | 120F42      | F       | 20.920           | 20.072         | C    | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>8</sub> | 4                               | 6 <sup>3</sup> / <sub>8</sub> | 1                              | 1 <sup>11</sup> / <sub>16</sub> | 1 <sup>37</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>2</sub>  | 0.924 | 94.5     | 83.0                  |  |
| 45        | 120F45      | F       | 22.350           | 21.503         | C    | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>8</sub> | 4                               | 6 <sup>3</sup> / <sub>8</sub> | 1                              | 1 <sup>11</sup> / <sub>16</sub> | 1 <sup>37</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>2</sub>  | 0.924 | 95.5     | 84.0                  |  |
| 48        | 120F48      | F       | 23.790           | 22.935         | C    | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>8</sub> | 4                               | 6 <sup>3</sup> / <sub>8</sub> | 1                              | 1 <sup>11</sup> / <sub>16</sub> | 1 <sup>37</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>2</sub>  | 0.924 | 103.5    | 92.0                  |  |
| 54        | 120F54      | F       | 26.650           | 25.798         | C    | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>8</sub> | 4                               | 6 <sup>3</sup> / <sub>8</sub> | 1                              | 1 <sup>11</sup> / <sub>16</sub> | 1 <sup>37</sup> / <sub>64</sub> | 2 <sup>1</sup> / <sub>2</sub>  | 0.924 | 125.0    | 114.0                 |  |
| 60        | 120J60      | J       | 29.520           | 28.661         | 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>3</sup> / <sub>16</sub> | 2 <sup>3</sup> / <sub>16</sub>  | 2 <sup>17</sup> / <sub>64</sub> | 3 <sup>3</sup> / <sub>16</sub> | 0.924 | 159.0    | 140.0                 |  |
| 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>3</sup> / <sub>16</sub> | 2 <sup>3</sup> / <sub>16</sub>  | 2 <sup>17</sup> / <sub>64</sub> | 3 <sup>3</sup> / <sub>16</sub> | 0.924 | 196.0    | 177.0                 |  |
| 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>3</sup> / <sub>16</sub> | 2 <sup>3</sup> / <sub>16</sub>  | 2 <sup>17</sup> / <sub>64</sub> | 3 <sup>3</sup> / <sub>16</sub> | 0.924 | 241.0    | 222.0                 |  |

# No.120-2 1½" Pitch All Steel Stock Sprockets

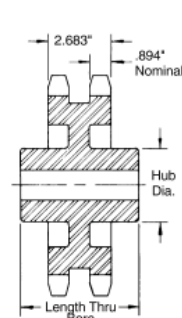
**TOLTEC**  
INCORPORATED

## Double - Type B & C

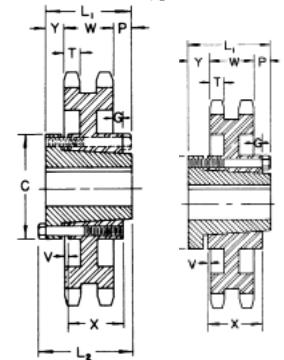
| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max. | Diameter     | 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         | 4½           | 3¾          | 21.1                  |
| 14        | D120B14     | 7.470            | B    | 1½            | 3⅞        | 5            | 3¾          | 25.6                  |
| 15        | D120B15     | 7.960            | B    | 1½            | 3½        | 5¼           | 3¾          | 29.9                  |
| 16        | D120B16     | 8.440            | B    | 1½            | 3½        | 5¼           | 3¾          | 33.8                  |
| 17        | D120B17     | 8.920            | B    | 1½            | 3½        | 5¼           | 3¾          | 36.9                  |
| 18        | D120B18     | 9.410            | B    | 1½            | 3½        | 5¼           | 3¾          | 41.9                  |
| 19        | D120B19     | 9.890            | B    | 1½            | 3½        | 5¼           | 3¾          | 46.5                  |
| 20        | D120B20     | 10.370           | B    | 1½            | 3½        | 5½           | 3¾          | 50.2                  |
| 21        | D120B21     | 10.850           | B    | 1½            | 3½        | 5½           | 3¾          | 55.6                  |
| 22        | D120B22     | 11.330           | B    | 1½            | 3⅞        | 5¾           | 4           | 64.0                  |
| 23        | D120B23     | 11.810           | B    | 1½            | 4         | 6½           | 4           | 75.0                  |
| 24        | D120B24     | 12.290           | B    | 1½            | 4         | 6½           | 4           | 79.0                  |
| 25        | D120B25     | 12.770           | B    | 1½            | 4         | 6½           | 4           | 84.0                  |
| 26        | D120B26     | 13.250           | B    | 1½            | 4         | 6½           | 4           | 90.0                  |
| 30        | D120B30     | 15.170           | B    | 1½            | 4         | 6½           | 4           | 119.0                 |
| 35        | D120C35     | 17.570           | C    | 1½            | 5¾        | 7½           | 6           | 148.0                 |
| 45        | D120C45     | 22.350           | C    | 1½            | 5¾        | 7½           | 6           | 188.0                 |
| 60        | D120C60     | 29.520           | C    | 1½            | 6¾        | 9½           | 6¼          | 307.0                 |



Type B



Type C



QD — Type B

Type C

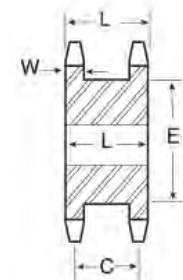
## Double- Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions |    |    |    |     |     |    |    |      |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|-----------|------------|----|----|----|-----|-----|----|----|------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |           | L1         | L2 | 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 | 2⅝  | 2⅞  | ⅝  | 3⅞ | .894 | 2.683 | 97.5                  | 78.0     |
| 35        | D120J35     | J       | 17.570           | 16.734         | C5   | 4⅞        | 4½         | 5  | 7¼ | 1½ | 2⅝  | 2⅞  | ⅝  | 3⅞ | .894 | 2.683 | 112.0                 | 93.0     |
| 45        | D120J45     | J       | 22.350           | 21.502         | C5   | 4⅞        | 4½         | 5  | 7¼ | 1½ | 2⅝  | 2⅞  | ⅝  | 3⅞ | .894 | 2.683 | 157.0                 | 138.0    |
| 60        | D120M60     | M       | 29.520           | 28.661         | C6   | 5½        | 6¾         | 6¾ | 9  | 2⅞ | 12⅞ | 12⅞ | 2⅞ | 5⅞ | .894 | 2.683 | 271.0                 | 234.0    |

# No. 120 1½" All Steel Stock Sprockets

## Single - Type C - Steel 1½" Pitch

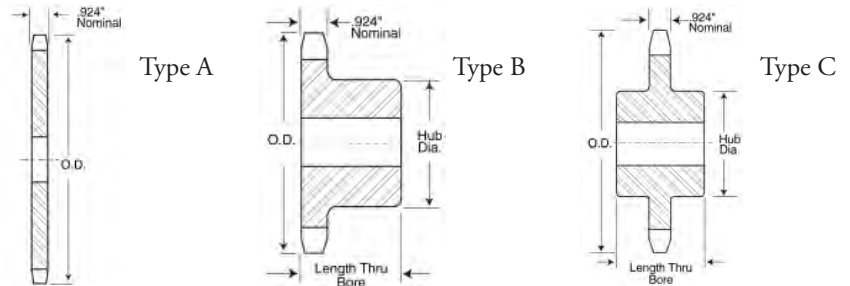
| No. Teeth | Port Number | Outside Diameter | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|---------------|-----------|--------------|-------------|-----------------------|
|           |             |                  | Stock         | Rec. Max. | Diameter     | Length Thru |                       |
| 11        | 120C11      | 6.010            | 1¾            | 2¾        | 3⅞           | 3¾          | 12.45                 |
| 12        | 120C12      | 6.500            | 1¾            | 2¾        | 4⅞           | 3¾          | 14.80                 |
| 13        | 120C13      | 6.990            | 1¾            | 3         | 4½           | 3¾          | 17.15                 |
| 14        | 120C14      | 7.470            | 1¾            | 3¼        | 4¾           | 3¾          | 19.50                 |



Type A

## Double Single - Type A—Steel

| No. Teeth | Port Number | Diameters        |                | Type | Min. Bore | Max. Bore | Dimensions |     |    |        | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|----------------|------|-----------|-----------|------------|-----|----|--------|-----------------------|
|           |             | Outside Diameter | Pitch Diameter |      |           |           | L          | C   | E  | W Nom. |                       |
| 15        | DS120A15    | 7.960            | 7.215          | A    | 1⅞        | 3¾        | 3⅞         | 27⅞ | 5⅞ | 0.924  | 30.0                  |
| 16        | DS120A16    | 8.440            | 7.689          | A    | 1⅞        | 4         | 3⅞         | 27⅞ | 6  | 0.924  | 34.0                  |
| 17        | DS120A17    | 8.920            | 8.163          | A    | 1⅞        | 4⅞        | 3⅞         | 27⅞ | 6⅞ | 0.924  | 37.0                  |
| 18        | DS120A18    | 9.410            | 8.638          | A    | 1⅞        | 5⅞        | 3⅞         | 27⅞ | 6⅞ | 0.924  | 42.0                  |
| 19        | DS120A19    | 9.890            | 9.113          | A    | 1⅞        | 5½        | 3⅞         | 27⅞ | 7⅞ | 0.924  | 47.0                  |
| 20        | DS120A20    | 10.370           | 9.589          | A    | 1⅞        | 5⅞        | 3⅞         | 27⅞ | 7⅞ | 0.924  | 51.0                  |



Single - Type B & C

Single - Type A

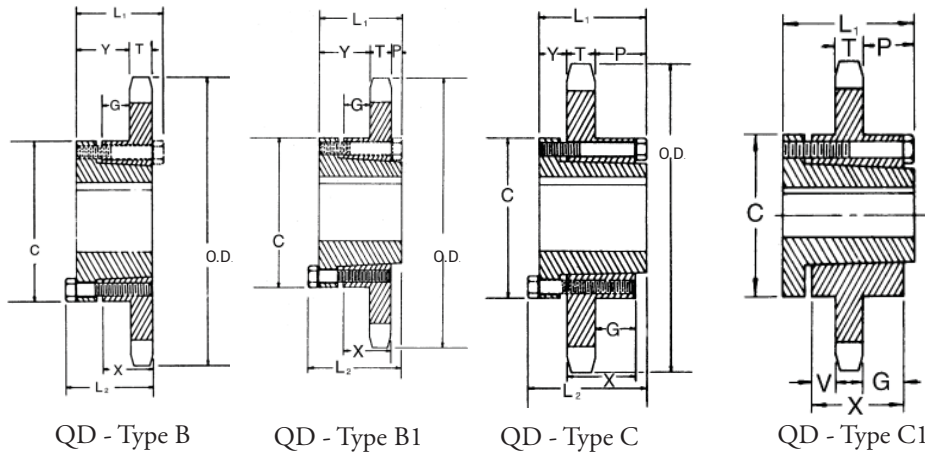
\* Has recessed groove in hub for chain clearance.

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



# No.140 $1\frac{3}{4}"$ Pitch All Steel Stock Sprockets

**TOLTEC**  
INCORPORATED

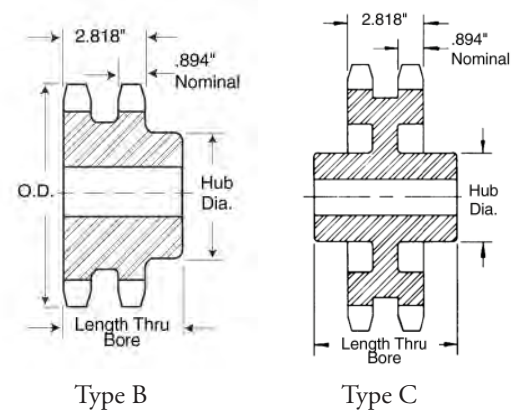


Single - Type QD With Hardened Teeth

| No. Teeth | Port Number | No. Teeth | Port Number |
|-----------|-------------|-----------|-------------|
| 11        | 140SF11H    | 20        | 140E20H     |
| 12        | 140SF12H    | 21        | 140E21H     |
| 13        | 140SF13H    | 22        | 140E22H     |
| 14        | 140E14H     | 23        | 140F23H     |
| 15        | 140E15H     | 24        | 140F24H     |
| 16        | 140E16H     | 25        | 140F25H     |
| 17        | 140E17H     | 26        | 140F26H     |
| 18        | 140E18H     | 30        | 140F30H     |
| 19        | 140E19H     |           |             |

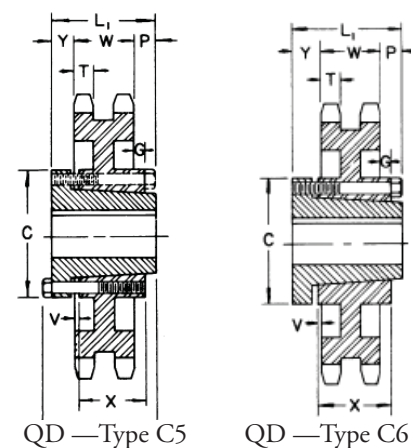
Single - Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore                       | Dimensions                    |                                 |                               |                                 |                                 |                                 |                                 |                                |       |          | Weight Lbs. (Approx.) |  |
|-----------|-------------|---------|------------------|----------------|------|---------------------------------|-------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|-------|----------|-----------------------|--|
|           |             |         | Outside Diameter | Pitch Diameter |      |                                 | L1                            | L2                              | C                             | Y                               | P                               | G                               | V                               | X                              | T     | With Hub | Rim Only              |  |
| 11        | 140SF11     | SF      | 7.010            | 6.212          | B    | 2 <sup>15</sup> / <sub>16</sub> | 2¼                            | 2¼                              | 4 <sup>5</sup> / <sub>8</sub> | 1 <sup>3</sup> / <sub>4</sub>   | —                               | 2 <sup>1</sup> / <sub>4</sub>   | —                               | 1¼                             | 0.924 | 8.6      | 5.6                   |  |
| 12        | 140SF12     | SF      | 7.580            | 6.762          | B    | 2 <sup>15</sup> / <sub>16</sub> | 2¼                            | 2¼                              | 4 <sup>5</sup> / <sub>8</sub> | 1 <sup>3</sup> / <sub>4</sub>   | —                               | 2 <sup>1</sup> / <sub>4</sub>   | —                               | 1¼                             | 0.924 | 10.4     | 7.4                   |  |
| 13        | 140SF13     | SF      | 8.150            | 7.313          | B    | 2 <sup>15</sup> / <sub>16</sub> | 2¼                            | 2¼                              | 4 <sup>5</sup> / <sub>8</sub> | 1 <sup>3</sup> / <sub>4</sub>   | —                               | 2 <sup>1</sup> / <sub>4</sub>   | —                               | 1¼                             | 0.924 | 11.9     | 8.9                   |  |
| 14        | 140E14      | E       | 8.720            | 7.864          | B1   | 3½                              | 2 <sup>5</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 4 <sup>5</sup> / <sub>64</sub>  | —                               | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 21.6     | 11.6                  |  |
| 15        | 140E15      | E       | 9.280            | 8.417          | B1   | 3½                              | 2 <sup>5</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 4 <sup>5</sup> / <sub>64</sub>  | —                               | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 24.2     | 14.2                  |  |
| 16        | 140E16      | E       | 9.850            | 8.970          | B1   | 3½                              | 2 <sup>5</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 4 <sup>5</sup> / <sub>64</sub>  | —                               | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 25.9     | 15.9                  |  |
| 17        | 140E17      | E       | 10.410           | 9.524          | B1   | 3½                              | 2 <sup>5</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 4 <sup>5</sup> / <sub>64</sub>  | —                               | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 28.0     | 18.0                  |  |
| 18        | 140E18      | E       | 10.980           | 10.078         | B1   | 3½                              | 2 <sup>5</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 4 <sup>5</sup> / <sub>64</sub>  | —                               | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 29.6     | 19.6                  |  |
| 19        | 140E19      | E       | 11.540           | 10.632         | B1   | 3½                              | 2 <sup>5</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 4 <sup>5</sup> / <sub>64</sub>  | —                               | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 32.0     | 22.0                  |  |
| 20        | 140E20      | E       | 12.100           | 11.187         | B1   | 3½                              | 2 <sup>5</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 4 <sup>5</sup> / <sub>64</sub>  | —                               | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 34.6     | 24.6                  |  |
| 21        | 140E21      | E       | 12.660           | 11.742         | B1   | 3½                              | 2 <sup>5</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 4 <sup>5</sup> / <sub>64</sub>  | —                               | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 37.6     | 27.6                  |  |
| 22        | 140E22      | E       | 13.220           | 12.297         | B1   | 3½                              | 2 <sup>5</sup> / <sub>8</sub> | 2 <sup>15</sup> / <sub>16</sub> | 6                             | 1 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 4 <sup>5</sup> / <sub>64</sub>  | —                               | 1 <sup>3</sup> / <sub>8</sub>  | 0.924 | 39.5     | 29.5                  |  |
| 23        | 140F23      | F       | 13.780           | 12.852         | B1   | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 4                               | 6 <sup>5</sup> / <sub>8</sub> | 2 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 1 <sup>37</sup> / <sub>64</sub> | —                               | 2½                             | 0.924 | 48.0     | 36.4                  |  |
| 24        | 140F24      | F       | 14.340           | 13.407         | B1   | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 4                               | 6 <sup>5</sup> / <sub>8</sub> | 2 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 1 <sup>37</sup> / <sub>64</sub> | —                               | 2½                             | 0.924 | 51.6     | 40.1                  |  |
| 25        | 140F25      | F       | 14.900           | 13.963         | B1   | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 4                               | 6 <sup>5</sup> / <sub>8</sub> | 2 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 1 <sup>37</sup> / <sub>64</sub> | —                               | 2½                             | 0.924 | 53.8     | 42.3                  |  |
| 26        | 140F26      | F       | 15.460           | 14.518         | B1   | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 4                               | 6 <sup>5</sup> / <sub>8</sub> | 2 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 1 <sup>37</sup> / <sub>64</sub> | —                               | 2½                             | 0.924 | 58.0     | 46.5                  |  |
| 30        | 140F30      | F       | 17.700           | 16.742         | B1   | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 4                               | 6 <sup>5</sup> / <sub>8</sub> | 2 <sup>1</sup> / <sub>16</sub>  | ⅛                               | 1 <sup>37</sup> / <sub>64</sub> | —                               | 2½                             | 0.924 | 72.0     | 60.4                  |  |
| 35        | 140F35      | F       | 20.490           | 19.523         | C    | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 4                               | 6 <sup>5</sup> / <sub>8</sub> | 1                               | 1 <sup>11</sup> / <sub>16</sub> | 1 <sup>37</sup> / <sub>64</sub> | —                               | 2½                             | 0.924 | 89.5     | 78.0                  |  |
| 36        | 140F36      | F       | 21.050           | 20.079         | C    | 3 <sup>15</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 4                               | 6 <sup>5</sup> / <sub>8</sub> | 1                               | 1 <sup>11</sup> / <sub>16</sub> | 1 <sup>37</sup> / <sub>64</sub> | —                               | 2½                             | 0.924 | 95.5     | 84.0                  |  |
| 40        | 140J40      | J       | 23.290           | 22.305         | C    | 4 <sup>7</sup> / <sub>16</sub>  | 4½                            | 5                               | 7¼                            | 1 <sup>3</sup> / <sub>16</sub>  | 2 <sup>3</sup> / <sub>8</sub>   | 2 <sup>17</sup> / <sub>64</sub> | —                               | 3 <sup>3</sup> / <sub>16</sub> | 0.924 | 117.0    | 98.0                  |  |
| 45        | 140J45      | J       | 26.080           | 25.087         | C    | 4 <sup>7</sup> / <sub>16</sub>  | 4½                            | 5                               | 7¼                            | 1 <sup>3</sup> / <sub>16</sub>  | 2 <sup>3</sup> / <sub>8</sub>   | 2 <sup>17</sup> / <sub>64</sub> | —                               | 3 <sup>3</sup> / <sub>16</sub> | 0.924 | 139.0    | 120.0                 |  |
| 48        | 140J48      | J       | 27.750           | 26.757         | C    | 4 <sup>7</sup> / <sub>16</sub>  | 4½                            | 5                               | 7¼                            | 1 <sup>3</sup> / <sub>16</sub>  | 2 <sup>3</sup> / <sub>8</sub>   | 2 <sup>17</sup> / <sub>64</sub> | —                               | 3 <sup>3</sup> / <sub>16</sub> | 0.924 | 148.0    | 129.0                 |  |
| 54        | 140J54      | J       | 31.100           | 30.097         | C    | 4 <sup>7</sup> / <sub>16</sub>  | 4½                            | 5                               | 7¼                            | 1 <sup>3</sup> / <sub>16</sub>  | 2 <sup>3</sup> / <sub>8</sub>   | 2 <sup>17</sup> / <sub>64</sub> | —                               | 3 <sup>3</sup> / <sub>16</sub> | 0.924 | 168.0    | 149.0                 |  |
| 60        | 140J60      | J       | 34.440           | 33.438         | C    | 4 <sup>7</sup> / <sub>16</sub>  | 4½                            | 5                               | 7¼                            | 1 <sup>3</sup> / <sub>16</sub>  | 2 <sup>3</sup> / <sub>8</sub>   | 2 <sup>17</sup> / <sub>64</sub> | —                               | 3 <sup>3</sup> / <sub>16</sub> | 0.924 | 205.0    | 186.0                 |  |
| 70        | 140M70      | M       | 40.020           | 39.006         | C1   | 5½                              | 6¾                            | 6¾                              | 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>3</sup> / <sub>16</sub> | 0.924 | 301.0    | 264.0                 |  |
| 80        | 140M80      | M       | 45.590           | 44.575         | C1   | 5½                              | 6¾                            | 6¾                              | 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>3</sup> / <sub>16</sub> | 0.924 | 385.0    | 348.0                 |  |



### Double- Type B & C

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |
| 13        | D140B13     | 8.150            | B    | 1 3/8         | 3 1/16    | 5            | 3 3/4       | 29.0                  |
| 14        | D140B14     | 8.720            | B    | 1 3/8         | 3 3/4     | 5 1/2        | 3 3/4       | 34.8                  |
| 15        | D140B15     | 9.280            | B    | 1 3/8         | 4 1/2     | 6 1/2        | 3 3/4       | 42.5                  |
| 16        | D140B16     | 9.850            | B    | 1 3/8         | 5 1/4     | 7            | 4           | 48.1                  |
| 17        | D140B17     | 10.410           | B    | 1 3/8         | 5 1/4     | 7            | 4           | 57.5                  |
| 18        | D140B18     | 10.980           | B    | 1 3/4         | 5 1/4     | 7            | 4           | 65.6                  |
| 19        | D140B19     | 11.540           | B    | 1 3/4         | 5 1/4     | 7            | 4           | 72.0                  |
| 20        | D140B20     | 12.100           | B    | 1 3/4         | 5 1/4     | 7            | 4           | 76.0                  |
| 21        | D140B21     | 12.660           | B    | 1 3/4         | 5 1/4     | 7            | 4           | 82.0                  |
| 22        | D140B22     | 13.220           | B    | 1 3/4         | 5 1/4     | 7            | 4           | 94.0                  |
| 23        | D140B23     | 13.780           | B    | 1 3/4         | 5 1/4     | 7            | 4           | 100.0                 |
| 24        | D140B24     | 14.340           | B    | 1 3/4         | 5 1/4     | 7            | 4           | 104.0                 |
| 25        | D140B25     | 14.900           | B    | 1 3/4         | 5 1/4     | 7            | 4           | 120.0                 |
| 26        | D140B26     | 15.460           | B    | 1 3/4         | 5 1/4     | 7            | 4           | 128.0                 |
| 35        | D140C35     | 20.490           | C    | 1 1/2         | 5 3/8     | 7 1/2        | 6           | 180.0                 |
| 45        | D140C45     | 26.080           | C    | 1 1/2         | 5 3/8     | 7 1/2        | 6           | 232.0                 |
| 60        | D140C60     | 34.440           | C    | 1 1/2         | 6 3/8     | 9 1/2        | 6 1/4       | 372.0                 |

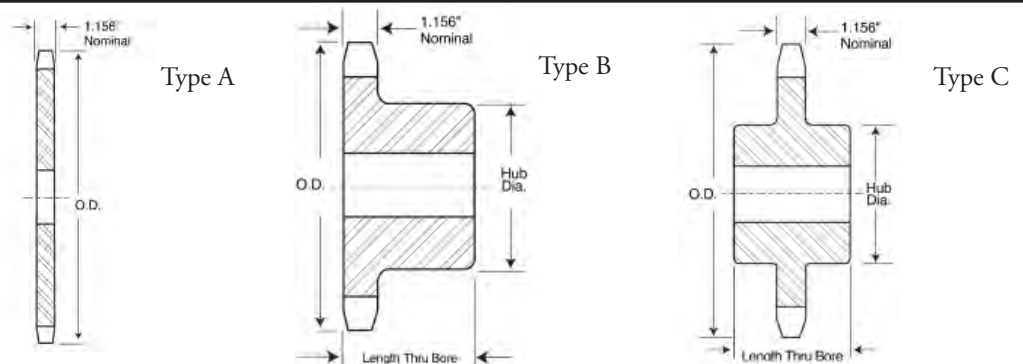


### Double- Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions |    |    |       |        |        |       |       |       |       |          | Weight Lbs. (Approx.) |  |
|-----------|-------------|---------|------------------|----------------|------|-----------|------------|----|----|-------|--------|--------|-------|-------|-------|-------|----------|-----------------------|--|
|           |             |         | Outside Diameter | Pitch Diameter |      |           | L1         | L2 | C  | Y     | P      | G      | V     | X     | T     | W     | With Hub | Rim Only              |  |
| 35        | D140J35     | J       | 20.490           | 19.523         | C5   | 47/16     | 4½         | 5  | 7¼ | 31/32 | 23/32  | 19/32  | 7/32  | 33/16 | 0.894 | 2.818 | 137      | 128                   |  |
| 45        | D140J45     | J       | 26.080           | 25.087         | C5   | 47/16     | 4½         | 5  | 7¼ | 31/32 | 23/32  | 19/32  | 7/32  | 33/16 | 0.894 | 2.818 | 195      | 176                   |  |
| 60        | D140M60     | M       | 34.440           | 33.438         | C6   | 51½       | 6¾         | 6¾ | 9  | 27/32 | 123/32 | 119/32 | 25/32 | 53/16 | 0.894 | 2.818 | 339      | 302                   |  |

# No.160 2" Pitch All Steel Stock Sprockets

# TOLTEC INCORPORATED



Triple- Type B & C

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |
| 11        | 160C11      | 8.010            | 1½"  | 3¼"           | 4½"       | 4⅞"          | 21.0        | 29.0                  |
| 12        | 160C12      | 8.660            | 1½"  | 3¼"           | 5½"       | 4⅞"          | 26.0        | 34.8                  |

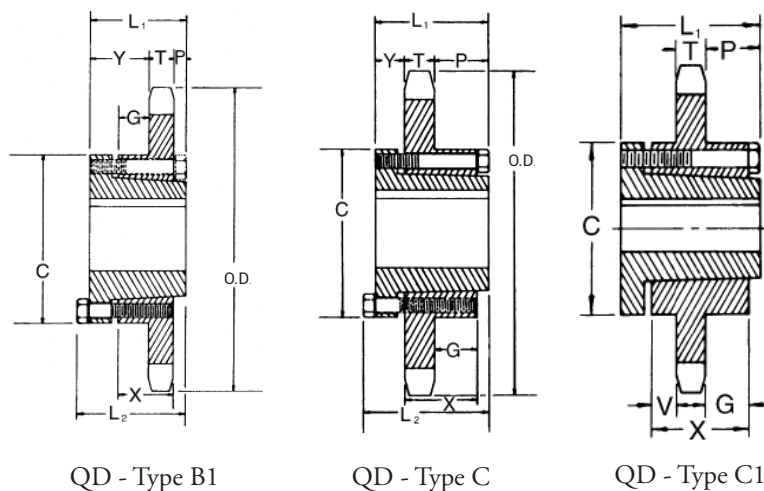
Single - Type B & C

| No. Teeth | Port Number | Outside Diameter | Type | Bore(inches) |          | Hub(inches) |                  | Wt. Lbs. (Approx.) | Type | Port Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|--------------|----------|-------------|------------------|--------------------|------|-------------|------------|-----------------------|
|           |             |                  |      | Stock        | Rec. Max | Diameter    | Length Thru Bore |                    |      |             |            |                       |
| 8         | 160B8H      | 6.030            | B    | 1½           | 1⅞       | 3¼          | 2¼               | 8.0                | A    | 160A8       | 1½         | 5.0                   |
| 9         | 160B9H      | 6.700            | B    | 1½           | 2⅞       | 3⅝          | 2¼               | 10.0               | A    | 160A9       | 1½         | 7.0                   |
| 10        | 160B10H     | 7.360            | B    | 1½           | 2¾       | 4⅞          | 2¼               | 12.0               | A    | 160A10      | 1½         | 8.0                   |
| 11        | 160B11H     | 8.010            | B    | 1½           | 3¼       | 4¾          | 2½               | 17.0               | A    | 160A11      | 1½         | 10.0                  |
| 12        | 160B12H     | 8.660            | B    | 1½           | 3¾       | 5½          | 2½               | 21.0               | A    | 160A12      | 1½         | 12.0                  |
| 13        | 160B13H     | 9.310            | B    | 1½           | 4        | 6           | 2¾               | 28.0               | A    | 160A13      | 1½         | 16.0                  |
| 14        | 160B14H     | 9.960            | B    | 1½           | 4½       | 6½          | 2¾               | 32.0               | A    | 160A14      | 1½         | 17.0                  |
| 15        | 160B15H     | 10.610           | B    | 1½           | 5¼       | 7           | 2¾               | 37.0               | A    | 160A15      | 1½         | 21.0                  |
| 16        | 160B16H     | 11.260           | B    | 1½           | 5¼       | 7           | 2¾               | 41.0               | A    | 160A16      | 1½         | 24.0                  |
| 17        | 160B17H     | 11.900           | B    | 1½           | 5¼       | 7           | 2¾               | 45.0               | A    | 160A17      | 1½         | 27.0                  |
| 18        | 160B18H     | 12.540           | B    | 1½           | 5¼       | 7           | 2¾               | 48.0               | A    | 160A18      | 1½         | 30.0                  |
| 19        | 160B19H     | 13.190           | B    | 1½           | 5¼       | 7           | 2¾               | 52.0               | A    | 160A19      | 1½         | 34.0                  |
| 20        | 160B20H     | 13.830           | B    | 1½           | 5¼       | 7           | 2¾               | 56.0               | A    | 160A20      | 1½         | 38.0                  |
| 21        | 160B21H     | 14.470           | B    | 1½           | 5¼       | 7           | 2¾               | 59.0               | A    | 160A21      | 1½         | 42.0                  |
| 22        | 160B22H     | 15.110           | B    | 1½           | 5¼       | 7           | 2¾               | 65.0               | A    | 160A22      | 1½         | 46.0                  |
| 23        | 160B23H     | 15.750           | B    | 1½           | 5¼       | 7           | 2¾               | 68.0               | A    | 160A23      | 1½         | 50.0                  |
| 24        | 160B24H     | 16.390           | B    | 1½           | 5¼       | 7           | 3                | 77.0               | A    | 160A24      | 1½         | 56.0                  |
| 25        | 160B25H     | 17.030           | B    | 1½           | 5¼       | 7           | 3                | 81.0               | A    | 160A25      | 1½         | 61.0                  |
| 26        | 160B26H     | 17.670           | B    | 1½           | 5¼       | 7           | 3                | 86.0               | A    | 160A26      | 1½         | 65.0                  |
| 27        | 160B27H     | 18.310           | B    | 1½           | 5¼       | 7           | 3                | 91.0               | A    | 160A27      | 1½         | 71.0                  |
| 28        | 160B28H     | 18.950           | B    | 1½           | 5¼       | 7           | 3                | 98.0               | A    | 160A28      | 1½         | 77.0                  |
| 30        | 160B30H     | 20.230           | B    | 1½           | 5¼       | 7           | 3                | 108.0              | A    | 160A30      | 1½         | 90.0                  |
| 35        | 160C35H     | 23.420           | C    | 1½           | 5½       | 8           | 4½               | 154.0              | A    | 160A35      | 1½         | 121.0                 |
| 40        | 160C40H     | 26.610           | C    | 1½           | 5½       | 8           | 4½               | 196.0              | A    | 160A40      | 1½         | 138.0                 |
| 45        | 160C45H     | 29.800           | C    | 1½           | 5½       | 8           | 5                | 234.0              | A    | 160A45      | 1½         | 204.0                 |
| 54        | 160C54H     | 35.540           | C    | 1½           | 5½       | 8           | 5                | 276.0              | A    | 160A54      | 1½         | 294.0                 |
| 60        | 160C60H     | 39.360           | C    | 1½           | 5½       | 8           | 5                | 329.0              | A    | 160A60      | 1½         | 366.0                 |
| 70        | 160C70H     | 45.730           | C    | 1½           | 5½       | 8           | 5                | 446.0              | A    | 160A70      | 1½         | 507.0                 |
| 80        | 160C80H     | 52.100           | C    | 1½           | 5½       | 8           | 6                | 612.0              | A    | 160A80      | 1½         | 656.0                 |

Single - Type A – Plate

### Single - Type QD With Hardened Teeth

| No. Teeth | Port Number | No. Teeth | Port Number |
|-----------|-------------|-----------|-------------|
| 12        | 160E12H     | 21        | 160F21H     |
| 13        | 160E13H     | 22        | 160F22H     |
| 14        | 160E14H     | 23        | 160F23H     |
| 15        | 160F15H     | 24        | 160F24H     |
| 16        | 160F16H     | 25        | 160F25H     |
| 17        | 160F17H     | 26        | 160J26H     |
| 18        | 160F18H     | 28        | 160J28H     |
| 19        | 160F19H     | 30        | 160J30H     |
| 20        | 160F20H     |           |             |

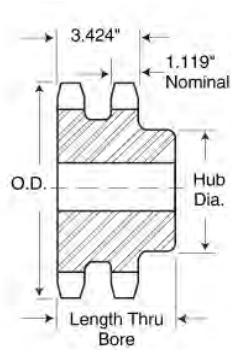


### Single - Type QD

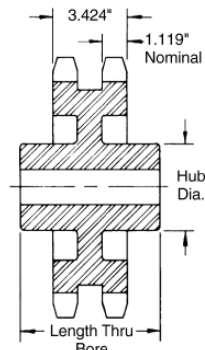
| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions |     |    |    |    |    |    |    |       |          | Weight Lbs. (Approx.) |  |
|-----------|-------------|---------|------------------|----------------|------|-----------|------------|-----|----|----|----|----|----|----|-------|----------|-----------------------|--|
|           |             |         | Outside Diameter | Pitch Diameter |      |           | L1         | L2  | C  | Y  | P  | G  | V  | X  | T     | With Hub | Rim Only              |  |
| 12        | 160E12      | E       | 8.660            | 7.727          | B1   | 3½        | 2⅝         | 21⅛ | 6  | 1⅞ | ⅛  | 1⅜ | —  | 1⅞ | 1.156 | 21.0     | 11.0                  |  |
| 13        | 160E13      | E       | 9.310            | 8.357          | B1   | 3½        | 2⅝         | 21⅛ | 6  | 1⅞ | ⅛  | 1⅜ | —  | 1⅞ | 1.156 | 24.0     | 14.0                  |  |
| 14        | 160E14      | E       | 9.960            | 8.988          | B1   | 3½        | 2⅝         | 21⅛ | 6  | 1⅞ | ⅛  | 1⅜ | —  | 1⅞ | 1.156 | 26.0     | 16.0                  |  |
| 15        | 160F15      | F       | 10.610           | 9.620          | B1   | 3⅞        | 3⅝         | 4   | 6⅞ | 2⅞ | ⅛  | 1⅜ | —  | 2½ | 1.156 | 35.5     | 24.0                  |  |
| 16        | 160F16      | F       | 11.260           | 10.252         | B1   | 3⅞        | 3⅝         | 4   | 6⅞ | 2⅞ | ⅛  | 1⅜ | —  | 2½ | 1.156 | 38.5     | 27.0                  |  |
| 17        | 160F17      | F       | 11.900           | 10.885         | B1   | 3⅞        | 3⅝         | 4   | 6⅞ | 2⅞ | ⅛  | 1⅜ | —  | 2½ | 1.156 | 42.5     | 31.0                  |  |
| 18        | 160F18      | F       | 12.540           | 11.518         | B1   | 3⅞        | 3⅝         | 4   | 6⅞ | 2⅞ | ⅛  | 1⅜ | —  | 2½ | 1.156 | 46.5     | 35.0                  |  |
| 19        | 160F19      | F       | 13.190           | 12.151         | B1   | 3⅞        | 3⅝         | 4   | 6⅞ | 2⅞ | ⅛  | 1⅜ | —  | 2½ | 1.156 | 49.5     | 38.0                  |  |
| 20        | 160F20      | F       | 13.830           | 12.785         | B1   | 3⅞        | 3⅝         | 4   | 6⅞ | 2⅞ | ⅛  | 1⅜ | —  | 2½ | 1.156 | 53.5     | 42.0                  |  |
| 21        | 160F21      | F       | 14.740           | 13.419         | B1   | 3⅞        | 3⅝         | 4   | 6⅞ | 2⅞ | ⅛  | 1⅜ | —  | 2½ | 1.156 | 56.5     | 45.0                  |  |
| 22        | 160F22      | F       | 15.110           | 14.053         | B1   | 3⅞        | 3⅝         | 4   | 6⅞ | 2⅞ | ⅛  | 1⅜ | —  | 2½ | 1.156 | 62.5     | 51.0                  |  |
| 23        | 160F23      | F       | 15.750           | 14.688         | B1   | 3⅞        | 3⅝         | 4   | 6⅞ | 2⅞ | ⅛  | 1⅜ | —  | 2½ | 1.156 | 66.5     | 55.0                  |  |
| 24        | 160F24      | F       | 16.390           | 15.323         | B1   | 3⅞        | 3⅝         | 4   | 6⅞ | 2⅞ | ⅛  | 1⅜ | —  | 2½ | 1.156 | 70.5     | 59.0                  |  |
| 25        | 160F25      | F       | 17.030           | 15.958         | B1   | 3⅞        | 3⅝         | 4   | 6⅞ | 2⅞ | ⅛  | 1⅜ | —  | 2½ | 1.156 | 75.5     | 64.0                  |  |
| 26        | 160J26      | J       | 17.670           | 16.593         | C    | 4⅞        | 4½         | 5   | 7¼ | 1⅞ | 2⅞ | 2⅜ | —  | 3⅞ | 1.156 | 92.5     | 74.0                  |  |
| 28        | 160J28      | J       | 18.950           | 17.863         | C    | 4⅞        | 4½         | 5   | 7¼ | 1⅞ | 2⅞ | 2⅜ | —  | 3⅞ | 1.156 | 103.0    | 84.0                  |  |
| 30        | 160J30      | J       | 20.230           | 19.134         | C    | 4⅞        | 4½         | 5   | 7¼ | 1⅞ | 2⅞ | 2⅜ | —  | 3⅞ | 1.156 | 115.0    | 96.0                  |  |
| 35        | 160J35      | J       | 23.420           | 22.312         | C    | 4⅞        | 4½         | 5   | 7¼ | 1⅞ | 2⅞ | 2⅜ | —  | 3⅞ | 1.156 | 135.0    | 116.0                 |  |
| 40        | 160M40      | M       | 26.610           | 25.491         | C1   | 5½        | 6¾         | 6¾  | 9  | 2⅞ | 2⅞ | 2⅜ | 1⅞ | 5⅞ | 1.156 | 21.0     | 174.0                 |  |
| 45        | 160M45      | M       | 29.800           | 28.671         | C1   | 5½        | 6¾         | 6¾  | 9  | 2⅞ | 2⅞ | 2⅜ | 1⅞ | 5⅞ | 1.156 | 245.0    | 208.0                 |  |
| 54        | 160M54      | M       | 35.540           | 34.397         | C1   | 5½        | 6¾         | 6¾  | 9  | 2⅞ | 2⅞ | 2⅜ | 1⅞ | 5⅞ | 1.156 | 299.0    | 262.0                 |  |
| 60        | 160M60      | M       | 39.360           | 38.215         | C1   | 5½        | 6¾         | 6¾  | 9  | 2⅞ | 2⅞ | 2⅜ | 1⅞ | 5⅞ | 1.156 | 347.0    | 310.0                 |  |
| 70        | 160M70      | M       | 45.730           | 44.578         | C1   | 5½        | 6¾         | 6¾  | 9  | 2⅞ | 2⅞ | 2⅜ | 1⅞ | 5⅞ | 1.156 | 468.0    | 431.0                 |  |
| 80        | 160M80      | M       | 52.100           | 50.943         | C1   | 5½        | 6¾         | 6¾  | 9  | 2⅞ | 2⅞ | 2⅜ | 1⅞ | 5⅞ | 1.156 | 567.0    | 530.0                 |  |

# No.160-2      2" Pitch All Steel Stock Sprockets

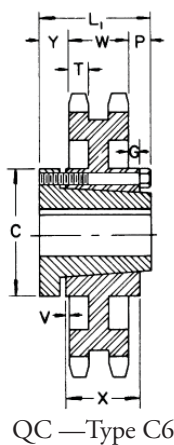
**TOLTEC**  
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Type B



Type C



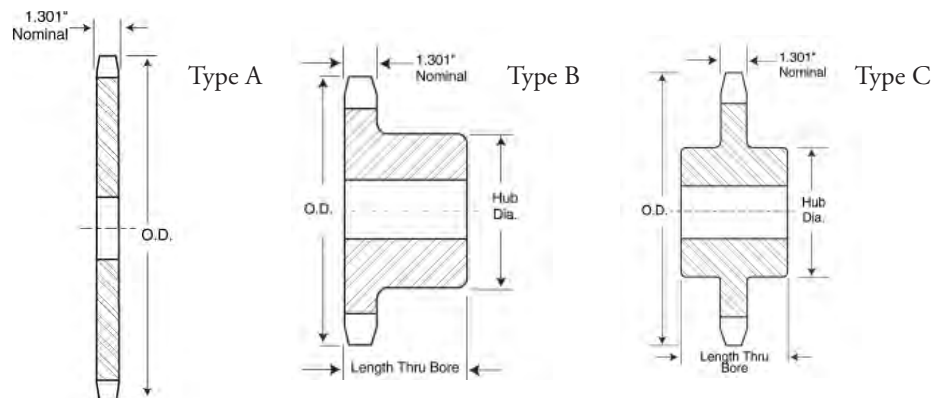
QC —Type C6

## Double- Type B & C

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |
| 13        | D160B13     | 9.310            | B    | 2             | 4         | 6            | 4¾          | 48                    |
| 14        | D160B14     | 9.960            | B    | 2             | 4¾        | 6¾           | 4¾          | 58                    |
| 15        | D160B15     | 10.610           | B    | 2             | 5¼        | 7            | 4¾          | 68                    |
| 16        | D160B16     | 11.260           | B    | 2             | 5¼        | 7            | 4¾          | 75                    |
| 17        | D160B17     | 11.900           | B    | 2             | 5¼        | 7            | 4¾          | 91                    |
| 18        | D160B18     | 12.540           | B    | 2             | 5¼        | 7            | 4¾          | 96                    |
| 19        | D160B19     | 13.190           | B    | 2             | 5¼        | 7            | 4¾          | 107                   |
| 20        | D160B20     | 13.830           | B    | 2             | 5¼        | 7            | 4¾          | 119                   |
| 21        | D160B21     | 14.470           | B    | 2             | 5¾        | 7½           | 4¾          | 130                   |
| 22        | D160B22     | 15.110           | B    | 2             | 5¾        | 7½           | 4¾          | 141                   |
| 23        | D160B23     | 15.750           | B    | 2             | 5¾        | 7½           | 4¾          | 157                   |
| 24        | D160B24     | 16.390           | B    | 2             | 5¾        | 7½           | 4¾          | 171                   |
| 25        | D160B25     | 17.030           | B    | 2             | 5¾        | 7½           | 4¾          | 187                   |
| 26        | D160B26     | 17.670           | B    | 2             | 5¾        | 7½           | 4¾          | 201                   |
| 35        | D160C35     | 23.420           | C    | 1½            | 6¾        | 9½           | 6¾          | 306                   |
| 45        | D160C45     | 29.800           | C    | 1½            | 7         | 10           | 7½          | 431                   |
| 60        | D160C60     | 39.360           | C    | 1½            | 7         | 10           | 7½          | 564                   |

## Double- Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore | Dimensions |    |    |      |      |      |      |      |       |       | Weight Lbs. (Approx.) |          |
|-----------|-------------|---------|------------------|----------------|------|-----------|------------|----|----|------|------|------|------|------|-------|-------|-----------------------|----------|
|           |             |         | Outside Diameter | Pitch Diameter |      |           | L1         | L2 | C  | Y    | P    | G    | V    | X    | T     | W     | With Hub              | Rim Only |
| 35        | D160M35     | M       | 23.420           | 22.312         | C6   | 5½        | 6¾         | 6¾ | 9  | 2¾₄  | 1⅞₃₂ | 1½₃₂ | 3¾₄  | 5⅜₁₆ | 1.119 | 3.424 | 259                   | 222      |
| 45        | D160N45     | N       | 29.800           | 28.671         | C6   | 6         | 8⅝         | 8⅝ | 10 | 2⅞₃₂ | 2⅜₄  | 2½₃₂ | 2⅞₃₂ | 6¼   | 1.119 | 3.424 | 377                   | 340      |
| 60        | D160N60     | N       | 39.360           | 38.215         | C6   | 6         | 8⅝         | 8⅝ | 10 | 2⅞₃₂ | 2⅜₄  | 2½₃₂ | 2⅞₃₂ | 6¼   | 1.119 | 3.424 | 509                   | 472      |



Single - Type B & C

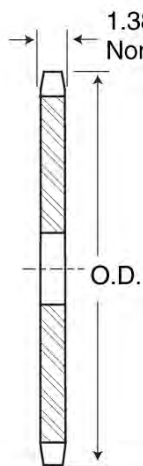
Single - Type A

| No. Teeth | Port Number | Outside Diameter | Type | Bore(inches) |          | Hub(inches) |                  | Wt. Lbs.<br>(Approx.) | Type | Port Number | Stock Bore | Weight Lbs.<br>(Approx.) |
|-----------|-------------|------------------|------|--------------|----------|-------------|------------------|-----------------------|------|-------------|------------|--------------------------|
|           |             |                  |      | Stock        | Rec. Max | Diameter    | Length Thru Bore |                       |      |             |            |                          |
| 11        | 180B11      | 9.010            | B    | 1½           | 3⅝       | 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           | 4⅝       | 6¾          | 3⅝               | 40                    | A    | 180A13      | 1½         | 20                       |
| 14        | 180B14      | 11.210           | B    | 1½           | 5¼       | 7           | 3⅝               | 44                    | A    | 180A14      | 1½         | 24                       |
| 15        | 180B15      | 11.930           | B    | 1½           | 5¼       | 7           | 3⅝               | 48                    | A    | 180A15      | 1½         | 28                       |
| 16        | 180B16      | 12.660           | B    | 1½           | 5¼       | 7           | 3⅝               | 52                    | A    | 180A16      | 1½         | 32                       |
| 17        | 180B17      | 13.390           | B    | 1½           | 5¼       | 7           | 3⅝               | 58                    | A    | 180A17      | 1½         | 37                       |
| 18        | 180B18      | 14.110           | B    | 1½           | 5¼       | 7           | 3⅝               | 63                    | A    | 180A18      | 1½         | 43                       |
| 19        | 180B19      | 14.830           | B    | 1½           | 5⅜       | 7½          | 3⅜               | 74                    | A    | 180A19      | 1½         | 47                       |
| 20        | 180B20      | 15.560           | B    | 1½           | 5⅜       | 7½          | 3⅜               | 81                    | A    | 180A20      | 1½         | 53                       |
| 21        | 180B21      | 16.280           | B    | 1½           | 5⅜       | 7½          | 3⅜               | 83                    | A    | 180A21      | 1½         | 57                       |
| 22        | 180B22      | 17.000           | B    | 1½           | 5⅜       | 7½          | 3⅜               | 92                    | A    | 180A22      | 1½         | 62                       |
| 23        | 180B23      | 17.720           | B    | 1½           | 5⅜       | 7½          | 3⅜               | 99                    | A    | 180A23      | 1½         | 69                       |
| 24        | 180B24      | 18.440           | B    | 1½           | 5⅜       | 7½          | 3⅜               | 105                   | A    | 180A24      | 1½         | 77                       |
| 25        | 180B25      | 19.160           | B    | 1½           | 5⅜       | 7½          | 3⅜               | 113                   | A    | 180A25      | 1½         | 84                       |
| 28        | 180B28      | 21.320           | B    | 1½           | 5½       | 8           | 3½               | 135                   | A    | 180A28      | 1½         | 104                      |
| 30        | 180C30      | 22.760           | C    | 1½           | 5¾       | 8½          | 4⅝               | 180                   | A    | 180A30      | 1½         | 120                      |
| 35        | 180C35      | 26.350           | C    | 1½           | 5¾       | 8½          | 4⅝               | 222                   | A    | 180A35      | 1½         | 172                      |
| 40        | 180C40      | 29.940           | C    | 1½           | 5¾       | 8½          | 4⅝               | 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          | 5⅝               | 489                   | A    | 180A60      | 1½         | 505                      |

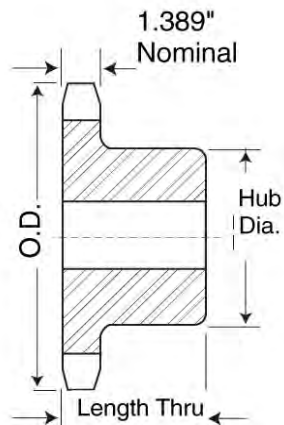


# No.200 2½" Pitch All Steel Stock Sprockets

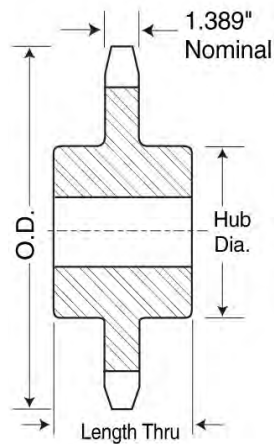
**TOLTEC**  
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Type B



Type C

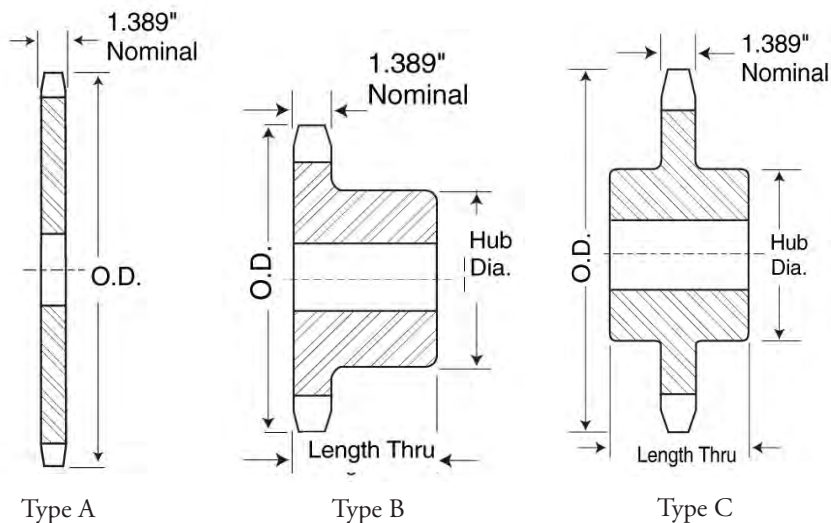


Type C

## Single - Type B & C

## Single - Type A

| No. Teeth | Port Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) | Type | Port Number | Stock Bore | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|------|-------------|------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |      |             |            |                       |
| 10        | 200B10      | 9.200            | B    | 1½            | 3¾        | 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            | 5¼        | 7            | 3           | 46                    | A    | 200A13      | 1½         | 30                    |
| 14        | 200B14      | 12.460           | B    | 1½            | 5¾        | 7½           | 3½          | 59                    | A    | 200A14      | 1½         | 32                    |
| 15        | 200B15      | 13.260           | B    | 1½            | 5¾        | 7½           | 3½          | 64                    | A    | 200A15      | 1½         | 40                    |
| 16        | 200B16      | 14.070           | B    | 1½            | 5¾        | 7½           | 3½          | 72                    | A    | 200A16      | 1½         | 46                    |
| 17        | 200B17      | 14.870           | B    | 1½            | 5¾        | 7½           | 3½          | 76                    | A    | 200A17      | 1½         | 51                    |
| 18        | 200B18      | 15.680           | B    | 1½            | 5¾        | 7½           | 3½          | 84                    | A    | 200A18      | 1½         | 57                    |
| 19        | 200B19      | 16.480           | B    | 1½            | 5¾        | 7½           | 3½          | 91                    | A    | 200A19      | 1½         | 65                    |
| 20        | 200B20      | 17.290           | B    | 1½            | 5¾        | 7½           | 3½          | 98                    | A    | 200A20      | 1½         | 72                    |
| 21        | 200B21      | 18.090           | B    | 1½            | 5¾        | 7½           | 3½          | 106                   | A    | 200A21      | 1½         | 82                    |
| 22        | 200B22      | 18.890           | B    | 1½            | 5¾        | 8½           | 4           | 131                   | A    | 200A22      | 1½         | 88                    |
| 23        | 200B23      | 19.690           | B    | 1½            | 5¾        | 8½           | 4           | 136                   | A    | 200A23      | 1½         | 95                    |
| 24        | 200B24      | 20.490           | B    | 1½            | 5¾        | 8½           | 4           | 142                   | A    | 200A24      | 1½         | 105                   |
| 25        | 200B25      | 21.290           | B    | 1½            | 5¾        | 8½           | 4           | 153                   | A    | 200A25      | 1½         | 113                   |
| 26        | 200C26      | 22.090           | C    | 1½            | 5¾        | 8½           | 4½          | 178                   | A    | 200A26      | 1½         | 124                   |
| 28        | 200C28      | 23.690           | C    | 1½            | 5¾        | 8½           | 4½          | 195                   | A    | 200A28      | 1½         | 144                   |
| 30        | 200C30      | 25.290           | C    | 1½            | 5¾        | 8½           | 4½          | 212                   | A    | 200A30      | 1½         | 167                   |
| 32        | 200C32      | 26.880           | C    | 1½            | 5¾        | 8½           | 4½          | 220                   | A    | 200A32      | 1½         | 195                   |
| 35        | 200C35      | 29.280           | C    | 1½            | 5¾        | 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                   |

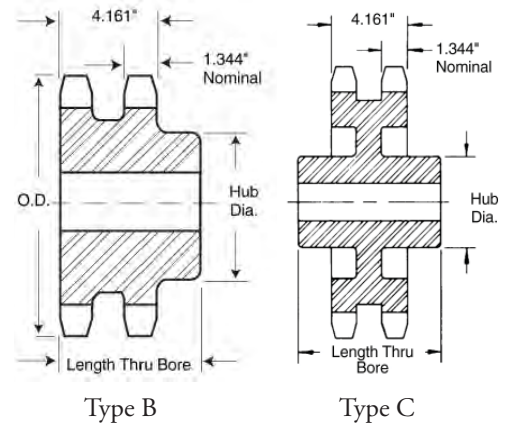


### Single - Type QD

| No. Teeth | Port Number | Bushing | Diameters        |                | Type | Max. Bore                      | Dimensions                    |                               |                               |                                 |                                 |                                |                                 |                                |       |          | Weight Lbs. (Approx.) |  |
|-----------|-------------|---------|------------------|----------------|------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|--------------------------------|-------|----------|-----------------------|--|
|           |             |         | Outside Diameter | Pitch Diameter |      |                                | L1                            | L2                            | 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 <sup>3</sup> / <sub>8</sub> | 4                             | 6 <sup>3</sup> / <sub>8</sub> | 1                               | 1 <sup>1</sup> / <sub>16</sub>  | 1 <sup>1</sup> / <sub>8</sub>  | —                               | 2 <sup>1</sup> / <sub>2</sub>  | 1.389 | 25.5     | 24.0                  |  |
| 13        | 200J13      | J       | 11.640           | 10.447         | 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>3</sup> / <sub>16</sub>  | 2                               | 1 <sup>1</sup> / <sub>16</sub> | —                               | 3 <sup>3</sup> / <sub>16</sub> | 1.389 | 50.5     | 32.0                  |  |
| 14        | 200J14      | J       | 12.460           | 11.235         | 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>3</sup> / <sub>16</sub>  | 2                               | 1 <sup>1</sup> / <sub>16</sub> | —                               | 3 <sup>3</sup> / <sub>16</sub> | 1.389 | 57.5     | 39.0                  |  |
| 15        | 200J15      | J       | 13.260           | 12.025         | 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>3</sup> / <sub>16</sub>  | 2                               | 1 <sup>1</sup> / <sub>16</sub> | —                               | 3 <sup>3</sup> / <sub>16</sub> | 1.389 | 62.5     | 44.0                  |  |
| 16        | 200J16      | J       | 14.070           | 12.815         | 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>3</sup> / <sub>16</sub>  | 2                               | 1 <sup>1</sup> / <sub>16</sub> | —                               | 3 <sup>3</sup> / <sub>16</sub> | 1.389 | 68.5     | 50.0                  |  |
| 17        | 200M17      | M       | 14.870           | 13.605         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 113.0    | 76.0                  |  |
| 18        | 200M18      | M       | 15.680           | 14.397         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 119.0    | 82.0                  |  |
| 19        | 200M19      | M       | 16.480           | 15.910         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 125.0    | 88.0                  |  |
| 20        | 200M20      | M       | 17.290           | 15.982         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 134.0    | 97.0                  |  |
| 21        | 200M21      | M       | 18.090           | 16.775         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 140.0    | 103.0                 |  |
| 22        | 200M22      | M       | 18.890           | 17.567         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 149.0    | 112.0                 |  |
| 23        | 200M23      | M       | 19.690           | 18.360         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 157.0    | 120.0                 |  |
| 24        | 200M24      | M       | 20.490           | 19.152         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 168.0    | 131.0                 |  |
| 25        | 200M25      | M       | 21.290           | 19.947         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 175.0    | 138.0                 |  |
| 26        | 200M26      | M       | 22.090           | 20.740         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 185.0    | 148.0                 |  |
| 28        | 200M28      | M       | 23.690           | 22.330         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 205.0    | 168.0                 |  |
| 30        | 200M30      | M       | 25.290           | 23.917         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 227.0    | 190.0                 |  |
| 32        | 200M32      | M       | 26.880           | 25.505         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 251.0    | 214.0                 |  |
| 35        | 200M35      | M       | 29.280           | 27.890         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 265.0    | 228.0                 |  |
| 40        | 200M40      | M       | 33.270           | 31.865         | C1   | 5 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> | 6 <sup>3</sup> / <sub>4</sub> | 9                             | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>2</sub>   | 5 <sup>3</sup> / <sub>16</sub> | 1.389 | 315.0    | 278.0                 |  |
| 45        | 200N45      | N       | 37.250           | 35.840         | C1   | 5 <sup>7</sup> / <sub>8</sub>  | 8 <sup>1</sup> / <sub>8</sub> | 8 <sup>1</sup> / <sub>8</sub> | 10                            | 3 <sup>13</sup> / <sub>32</sub> | 3 <sup>13</sup> / <sub>32</sub> | 3 <sup>3</sup> / <sub>16</sub> | 1 <sup>11</sup> / <sub>16</sub> | 6 <sup>1</sup> / <sub>4</sub>  | 1.389 | 405.0    | 348.0                 |  |
| 54        | 200N54      | N       | 44.420           | 42.995         | C1   | 5 <sup>7</sup> / <sub>8</sub>  | 8 <sup>1</sup> / <sub>8</sub> | 8 <sup>1</sup> / <sub>8</sub> | 10                            | 3 <sup>13</sup> / <sub>32</sub> | 3 <sup>13</sup> / <sub>32</sub> | 3 <sup>3</sup> / <sub>16</sub> | 1 <sup>11</sup> / <sub>16</sub> | 6 <sup>1</sup> / <sub>4</sub>  | 1.389 | 535.0    | 478.0                 |  |
| 60        | 200N60      | N       | 49.200           | 47.767         | C1   | 5 <sup>7</sup> / <sub>8</sub>  | 8 <sup>1</sup> / <sub>8</sub> | 8 <sup>1</sup> / <sub>8</sub> | 10                            | 3 <sup>13</sup> / <sub>32</sub> | 3 <sup>13</sup> / <sub>32</sub> | 3 <sup>3</sup> / <sub>16</sub> | 1 <sup>11</sup> / <sub>16</sub> | 6 <sup>1</sup> / <sub>4</sub>  | 1.389 | 665.0    | 608.0                 |  |

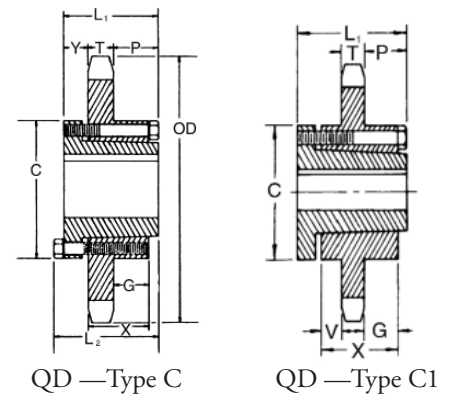
# No.200-2      2½" Pitch All Steel Stock Sprockets

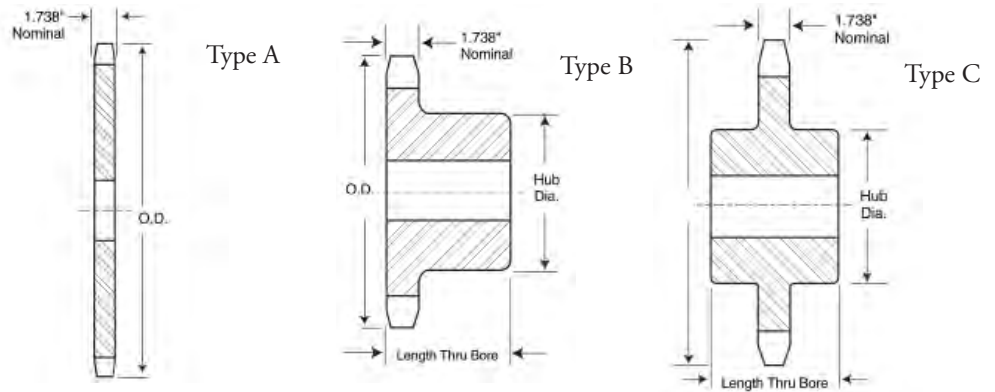
# TOLTEC INCORPORATED



## Double- Type B & C

| No. Teeth | Part Number | Outside Diameter | Type | Bore (inches) |           | Hub (inches) |             | Weight Lbs. (Approx.) |
|-----------|-------------|------------------|------|---------------|-----------|--------------|-------------|-----------------------|
|           |             |                  |      | Stock         | Rec. Max. | Diameter     | Length Thru |                       |
| 11        | D200B11     | 10.020           | B    | 2             | 3¾        | 5½           | 5⅞          | 57                    |
| 12        | D200B12     | 10.830           | B    | 2             | 4½        | 6½           | 6¼          | 80                    |
| 13        | D200B13     | 11.640           | B    | 2             | 5¼        | 7            | 638         | 96                    |
| 14        | D200B14     | 12.460           | B    | 2             | 5½        | 8            | 638         | 119                   |
| 15        | D200B15     | 13.260           | B    | 2             | 5¾        | 8½           | 638         | 138                   |
| 16        | D200B16     | 14.070           | B    | 2             | 5¾        | 8½           | 658         | 161                   |
| 17        | D200B17     | 14.870           | B    | 2             | 5¾        | 8½           | 6⅝          | 178                   |
| 18        | D200B18     | 15.680           | B    | 2             | 5¾        | 8½           | 658         | 196                   |
| 19        | D200B19     | 16.480           | B    | 2             | 5¾        | 8½           | 658         | 217                   |
| 20        | D200B20     | 17.290           | B    | 2             | 5¾        | 8½           | 658         | 236                   |
| 21        | D200B21     | 18.090           | B    | 2             | 5¾        | 8½           | 6⅝          | 250                   |
| 22        | D200B22     | 18.890           | B    | 2             | 5¾        | 8½           | 658         | 284                   |
| 23        | D200B23     | 19.690           | B    | 2             | 5¾        | 8½           | 658         | 308                   |
| 24        | D200B24     | 20.490           | B    | 2             | 5¾        | 8½           | 658         | 330                   |
| 25        | D200B25     | 21.290           | B    | 2             | 5¾        | 8½           | 658         | 358                   |
| 26        | D200B26     | 22.090           | B    | 2             | 5¾        | 8½           | 658         | 386                   |
| 45        | D200C45     | 37.250           | C    | 1½            | 7         | 10           | 8½          | 665                   |
| 60        | D200C60     | 49.200           | C    | 1½            | 7         | 10           | 9           | 972                   |





Single - Type B & C

Single - Type A

| No. Teeth | Port Number | Outside Diameter | Type | Bore(inches) |          | Hub(inches) |                  | Wt. Lbs.<br>(Approx.) | Type | Port Number | Stock Bore | Weight Lbs.<br>(Approx.) |
|-----------|-------------|------------------|------|--------------|----------|-------------|------------------|-----------------------|------|-------------|------------|--------------------------|
|           |             |                  |      | Stock        | Rec. Max | Diameter    | Length Thru Bore |                       |      |             |            |                          |
| 10        | 240B10      | 11.030           | B    | 1½           | 4½       | 6½          | 3¾               | 49.0                  | A    | 240A10      | 1½         | 30.0                     |
| 11        | 240B11      | 12.020           | B    | 1½           | 4¾       | 7           | 3¾               | 66.0                  | A    | 240A11      | 1½         | 37.0                     |
| 12        | 240B12      | 13.000           | B    | 1½           | 5¾       | 7½          | 3¾               | 72.0                  | A    | 240A12      | 1½         | 45.0                     |
| 13        | 240B13      | 13.970           | B    | 1½           | 5¾       | 7½          | 3¾               | 81.0                  | A    | 240A13      | 1½         | 54.0                     |
| 14        | 240B14      | 14.940           | B    | 1½           | 5¾       | 7½          | 3¾               | 88.0                  | A    | 240A14      | 1½         | 62.0                     |
| 15        | 240B15      | 15.910           | B    | 1½           | 5¾       | 7½          | 3¾               | 98.0                  | A    | 240A15      | 1½         | 68.0                     |
| 16        | 240B16      | 16.880           | B    | 1½           | 5½       | 8           | 4⅞               | 120.0                 | A    | 240A16      | 1½         | 82.0                     |
| 17        | 240B17      | 17.850           | B    | 1½           | 5½       | 8           | 4⅞               | 137.0                 | A    | 240A17      | 1½         | 93.0                     |
| 18        | 240B18      | 18.810           | B    | 1½           | 5½       | 8           | 4⅞               | 142.0                 | A    | 240A18      | 1½         | 108.0                    |
| 19        | 240B19      | 19.780           | B    | 1½           | 5½       | 8           | 4⅞               | 154.0                 | A    | 240A19      | 1½         | 120.0                    |
| 20        | 240B20      | 20.740           | B    | 1½           | 5½       | 8           | 4⅞               | 169.0                 | A    | 240A20      | 1½         | 128.0                    |
| 21        | 240B21      | 21.710           | B    | 1½           | 5½       | 8           | 4⅞               | 186.0                 | A    | 240A21      | 1½         | 148.0                    |
| 25        | 240B25      | 25.550           | B    | 1½           | 5½       | 8           | 4⅞               | 254.0                 | A    | 240A25      | 1½         | 208.0                    |
| 30        | 240C30      | 30.340           | C    | 1½           | 6        | 9           | 6¼               | 398.0                 | A    | 240A30      | 1½         | 310.0                    |
| 35        | 240C35      | 35.130           | C    | 1½           | 6        | 9           | 6¼               | 527.0                 | A    | 240A35      | 1½         | 416.0                    |
| 40        | 240C40      | 39.920           | C    | 1½           | 7        | 10          | 6¾               | 672.0                 | A    | 240A40      | 1½         | 548.0                    |
| 45        | 240C45      | 44.700           | C    | 1½           | 7        | 10          | 6¾               | 850.0                 | A    | 240A45      | 1½         | 702.0                    |
| 54        | 240C54      | 53.310           | C    | 1½           | 7        | 10          | 6¾               | 1148.0                | A    | 240A54      | 1½         | 1022.0                   |
| 60        | 240C60      | 59.040           | C    | 1½           | 7        | 10          | 6¾               | 1419.0                | A    | 240A60      | 1½         | 1268.0                   |

# Sprockets for Engineering Chains



## 62

### Sprockets for Chains

62 CAST — 2 — 062 — 62 Steel  
— 62A — HF 62 A — 62 H — H  
62 — 072 — 721/2 — 162 — R  
362 — RR 362 — R432 — RR  
432 — 962 — LxS 627 — IS 620  
— 162 R — US 622 — 378 R —  
402 Rx — US 620

| Type C — 1.654" Pitch |             |                |            | Plate Thickness 3/4"<br>Roller Diameter 1 1/16" |              |                  |                    | Type A      |            |                    |
|-----------------------|-------------|----------------|------------|-------------------------------------------------|--------------|------------------|--------------------|-------------|------------|--------------------|
| No. Teeth             | Port Number | Pitch Diameter | Stock Bore | Max. Bore                                       | Hub Diameter | Length Thru Bore | Approximate Weight | Port Number | Stock Bore | Approximate Weight |
| 12                    | 62C12       | 6.39           | 1 5/16     | 2 3/4                                           | 4 1/4        | 3 1/8            | 15.8               | 62A12       | 1 5/16     | 6.8                |
| 13                    | 62C13       | 6.91           | 1 5/16     | 3 1/4                                           | 4 3/4        | 3                | 19.4               | 62A13       | 1 5/16     | 8.0                |
| 14                    | 62C14       | 7.43           | 1 5/16     | 3 1/4                                           | 4 3/4        | 3                | 20.6               | 62A14       | 1 5/16     | 9.2                |
| 15                    | 62C15       | 7.96           | 1 5/16     | 3 1/4                                           | 4 3/4        | 3                | 22.0               | 62A15       | 1 5/16     | 10.5               |
| 17                    | 62C17       | 9.00           | 1 5/16     | 3 1/4                                           | 4 3/4        | 3                | 24.0               | 62A17       | 1 5/16     | 12.0               |
| 19                    | 62C19       | 10.05          | 1 5/16     | 3 1/4                                           | 4 3/4        | 3                | 28.0               | 62A19       | 1 5/16     | 16.8               |
| 20                    | 62C20       | 10.57          | 1 5/16     | 3 1/4                                           | 4 3/4        | 3                | 30.0               | 62A20       | 1 5/16     | 18.6               |
| 24                    | 62C24       | 12.67          | 1 1/4      | 3 3/4                                           | 5 1/2        | 4 3/8            | 49.0               | 62A24       | 1 1/4      | 26.0               |
| 26                    | 62C26       | 13.72          | 1 1/4      | 3 3/4                                           | 5 1/2        | 4 3/8            | 53.0               | 62A26       | 1 1/4      | 30.0               |
| 30                    | 62C30       | 15.82          | 1 1/4      | 3 3/4                                           | 5 1/2        | 4 3/8            | 65.0               | 62A30       | 1 1/4      | 42.0               |
| 36                    | 62C36       | 18.98          | 1 1/4      | 3 3/4                                           | 5 1/2        | 4 3/8            | 82.0               | 62A36       | 1 1/4      | 59.0               |
| 54                    | 62C54       | 28.45          | 1 1/4      | 3 3/4                                           | 5 1/2        | 4 3/8            | 125.0              | 62A54       | 1 1/4      | 135.0              |
| 60                    | 62C60       | 31.60          | 1 1/4      | 3 3/4                                           | 5 1/2        | 4 3/8            | 138.0              | 62A60       | 1 1/4      | 169.0              |

## 78

### Sprockets for Chains

78 — H 74 — 75 — H 75 — H  
78 — H 78 LR — (14 — 18  
TEETH ONLY) — H 78 RT  
— H 78 SR — H 79 — 88 —  
188 — S 188 — S 78 — R 588  
— RR 588 — R 778 — RR 778  
— 988 — IS 880 — 87R — IS  
881 — 81x — IS 882 — 4331/2  
— LxS 881 — LxS 886 — US  
881 — LxS 887 — LxS 882 —  
488 — xS 578 — SS 188 — C  
188 — US 278 R — US 882 —  
578 R — 588 R

| Type C — 2.609" Pitch |             |                |            | Plate Thickness 7/8"<br>Roller Diameter 7/8" |              |                  |                    | Type A      |            |                    |
|-----------------------|-------------|----------------|------------|----------------------------------------------|--------------|------------------|--------------------|-------------|------------|--------------------|
| No. Teeth             | Port Number | Pitch Diameter | Stock Bore | Max. Bore                                    | Hub Diameter | Length Thru Bore | Approximate Weight | Port Number | Stock Bore | Approximate Weight |
| 8                     | 78C8        | 6.82           | 1 5/16     | 3 1/4                                        | 4 3/4        | 3 1/8            | 21                 | 78A8        | 1 5/16     | 9.0                |
| 9                     | 78C9        | 7.63           | 1 1/4      | 3 7/16                                       | 5 1/4        | 3 7/8            | 29                 | 78A9        | 1 1/4      | 11.3               |
| 10                    | 78C10       | 8.44           | 1 1/4      | 3 7/16                                       | 5 1/4        | 3 7/8            | 31                 | 78A10       | 1 1/4      | 13.9               |
| 11                    | 78C11       | 9.26           | 1 1/4      | 3 7/16                                       | 5 1/4        | 3 7/8            | 34                 | 78A11       | 1 1/4      | 16.7               |
| 12                    | 78C12       | 10.08          | 1 1/4      | 3 7/16                                       | 5 1/4        | 3 7/8            | 37                 | 78A12       | 1 1/4      | 19.8               |
| 13                    | 78C13       | 10.90          | 1 1/4      | 3 3/4                                        | 5 1/2        | 4 1/2            | 46                 | 78A13       | 1 1/4      | 23.0               |
| 14                    | 78C14       | 11.72          | 1 1/4      | 3 3/4                                        | 5 1/2        | 4 1/2            | 49                 | 78A14       | 1 1/4      | 27.0               |
| 15                    | 78C15       | 12.55          | 1 1/2      | 3 3/4                                        | 5 1/2        | 4 1/2            | 53                 | 78A15       | 1 1/2      | 30.0               |
| 17                    | 78C17       | 14.20          | 1 1/2      | 3 3/4                                        | 5 1/2        | 4 1/2            | 62                 | 78A17       | 1 1/2      | 39.0               |
| 19                    | 78C19       | 15.85          | 1 1/2      | 4 1/2                                        | 6 1/2        | 5 3/8            | 90                 | 78A19       | 1 1/2      | 50.0               |
| 21                    | 78C21       | 17.51          | 1 1/2      | 4 1/2                                        | 6 1/2        | 5 3/8            | 101                | 78A21       | 1 1/2      | 61.0               |
| 24                    | 78C24       | 19.99          | 1 1/2      | 4 1/2                                        | 6 1/2        | 5 3/8            | 119                | 78A24       | 1 1/2      | 79.0               |
| 25                    | 78C25       | 20.82          | 1 1/2      | 4 1/2                                        | 6 1/2        | 5 3/8            | 124                | 78A25       | 1 1/2      | 84.0               |
| 28                    | 78C28       | 23.31          | 1 1/2      | 4 1/2                                        | 6 1/2        | 5 3/8            | 132                | 78A28       | 1 1/2      | 105.0              |
| 30                    | 78C30       | 24.96          | 1 1/2      | 4 1/2                                        | 6 1/2        | 5 3/8            | 150                | 78A30       | 1 1/2      | 123.0              |
| 35                    | 78C35       | 29.11          | 1 1/2      | 4 1/2                                        | 6 1/2        | 5 3/8            | 170                | 78A35       | 1 1/2      | 166.0              |
| 40                    | 78C40       | 33.25          | 1 1/2      | 4 1 5/16                                     | 7 1/4        | 6 3/4            | 226                | 78A40       | 1 1/2      | 216.0              |
| 42                    | 78C42       | 34.91          | 1 1/2      | 4 1 5/16                                     | 7 1/4        | 6 3/4            | 240                | 78A42       | 1 1/2      | 240.0              |
| 46                    | 78C46       | 38.31          | 1 1/2      | 4 1 5/16                                     | 7 1/4        | 6 3/4            | 258                | 78A46       | 1 1/2      | 286.0              |
| 54                    | 78C54       | 44.87          | 1 1/2      | 4 1 5/16                                     | 7 1/4        | 6 3/4            | 368                | 78A54       | 1 1/2      | 302.0              |
| 60                    | 78C60       | 49.85          | 1 1/2      | 4 1 5/16                                     | 7 1/4        | 6 3/4            | 388                | 78A60       | 1 1/2      | 322.0              |

### Type C — 3.067" Pitch

Plate Thickness 1¼"  
Roller Diameter 1⅝"

### Type A

| No. Teeth | Port Number | Pitch Diameter | Stock Bore | Max. Bore | Hub Diameter | Length Thru Bore | Approximate Weight | Port Number | Stock Bore | Approximate Weight |
|-----------|-------------|----------------|------------|-----------|--------------|------------------|--------------------|-------------|------------|--------------------|
| 10        | 1568C10     | 9.92           | 1½         | ¾         | 5½           | 4¼               | 46                 | 1568A10     | 1½         | 28                 |
| 12        | 1568C12     | 11.85          | 1½         | ¾         | 5½           | 4¼               | 58                 | 1568A12     | 1½         | 40                 |
| 14        | 1568C14     | 13.78          | 1½         | ¾         | 5½           | 4¼               | 73                 | 1568A14     | 1½         | 53                 |
| 30        | 1568C30     | 29.34          | 1½         | 4½        | 6½           | 5¾               | 217                | 1568A30     | 1½         | 240                |
| 36        | 1568C36     | 35.19          | 1½         | 5⅜        | 7½           | 5⅞               | 257                | 1568A36     | 1½         | 290                |
| 42        | 1568C42     | 41.04          | 1½         | 5½        | 8            | 6⅞               | 407                | 1568A42     | 1½         | 340                |
| 48        | 1568C48     | 46.89          | 1½         | 5½        | 8            | 6⅞               | 448                | 1568A48     | 1½         | 381                |

### 1568 Sprockets for Chains

Ax 1568 — x568 — JS 3011  
— SS 568 — xx 568 — 1803  
A — 1803 AB — MxS 3011  
— IS 3011 — IS 3010 — US  
3011 — LxS 3011 — LxS  
3011 M

### Type C — 3.075" Pitch

Plate Thickness 1¼"  
Roller Diameter 1¼"

### Type A

| No. Teeth | Port Number | Pitch Diameter | Stock Bore | Max. Bore | Hub Diameter | Length Thru Bore | Approximate Weight | Port Number | Stock Bore | Approximate Weight |
|-----------|-------------|----------------|------------|-----------|--------------|------------------|--------------------|-------------|------------|--------------------|
| 8         | 1030C8      | 8.05           | 1¼         | ¾         | 5            | 3⅞               | 31                 | 1030A8      | 1¼         | 17.9               |
| 9         | 1030C9      | 8.99           | 1¼         | ¾         | 5            | 3⅞               | 36                 | 1030A9      | 1¼         | 22.4               |
| 10        | 1030C10     | 9.95           | 1¼         | ¾         | 5            | 3⅞               | 40                 | 1030A10     | 1¼         | 28.0               |
| 11        | 1030C11     | 10.91          | 1½         | ¾         | 5½           | 4¼               | 51                 | 1030A11     | 1½         | 33.0               |
| 12        | 1030C12     | 11.88          | 1½         | ¾         | 5½           | 4¼               | 57                 | 1030A12     | 1½         | 39.0               |
| 13        | 1030C13     | 12.85          | 1½         | ¾         | 5½           | 4¼               | 64                 | 1030A13     | 1½         | 46.0               |
| 15        | 1030C15     | 14.79          | 1½         | 4         | 6            | 5⅞               | 91                 | 1030A15     | 1½         | 60.0               |
| 17        | 1030C17     | 16.73          | 1½         | 4         | 6            | 5⅞               | 109                | 1030A17     | 1½         | 78.0               |
| 19        | 1030C19     | 18.68          | 1½         | 4½        | 6½           | 5¾               | 137                | 1030A19     | 1½         | 97.0               |
| 21        | 1030C21     | 20.63          | 1½         | 4½        | 6½           | 5¾               | 158                | 1030A21     | 1½         | 118.0              |
| 24        | 1030C24     | 23.56          | 1½         | 4½        | 6½           | 5¾               | 176                | 1030A24     | 1½         | 154.0              |
| 25        | 1030C25     | 24.53          | 1½         | 5⅜        | 7½           | 5⅞               | 206                | 1030A25     | 1½         | 167.0              |
| 28        | 1030C28     | 27.46          | 1½         | 5⅜        | 7½           | 5⅞               | 236                | 1030A28     | 1½         | 210.0              |
| 30        | 1030C30     | 29.42          | 1½         | 5⅜        | 7½           | 5⅞               | 254                | 1030A30     | 1½         | 240.0              |
| 35        | 1030C35     | 34.30          | 1½         | 5½        | 8            | 6⅞               | 313                | 1030A35     | 1½         | 327.0              |
| 40        | 1030C40     | 39.19          | 1½         | 5½        | 8            | 6⅞               | 360                | 1030A40     | 1½         | 427.0              |
| 42        | 1030C42     | 41.15          | 1½         | 5½        | 8            | 6⅞               | 410                | 1030A42     | 1½         | 343.0              |
| 48        | 1030C48     | 47.03          | 1½         | 6½        | 9½           | 6¾               | 501                | 1030A48     | 1½         | 384.0              |
| 54        | 1030C54     | 52.89          | 1½         | 6½        | 9½           | 6¾               | 549                | 1030A54     | 1½         | 432.0              |
| 60        | 1030C60     | 58.75          | 1½         | 7         | 10           | 7½               | 642                | 1030A60     | 1½         | 506.0              |

### 1030 Sprockets for Chains

1030 — CHAMPION NO. 3  
— R 1033 — R 1035 — 1037  
— 1539 — SS 40 — LxS 1031  
— API 3 — LxS 1032 — SS  
40 Hyp — IS 1030 — IS 1031  
— IS 1032 — IS 1037 — US  
1031 — 1190 — Sxx — 1190  
R — US 1032



# Sprockets for Engineering Chains



## 82

### Sprockets for Chains

H 82 — WH 82 — WR 82 — 103 — 131 — S 131 — WS 82 — WS 82 H — SS 131 — 527 R — 527 Rx — C 9103 — 6131 — 4103 — C 131 — 382

| Type C — 3.075" Pitch |             |                |            | Plate Thickness 1/8" Roller Diameter 17/32" |              |                  |                    | Type A      |            |                    |
|-----------------------|-------------|----------------|------------|---------------------------------------------|--------------|------------------|--------------------|-------------|------------|--------------------|
| No. Teeth             | Port Number | Pitch Diameter | Stock Bore | Max. Bore                                   | Hub Diameter | Length Thru Bore | Approximate Weight | Port Number | Stock Bore | Approximate Weight |
| 7                     | 82C7        | 7.09           | 1 1/16     | 2 15/16                                     | 4 1/2        | 3 7/8            | 24                 | 82A7        | 1 1/16     | 12.6               |
| 8                     | 82C8        | 8.04           | 1 1/4      | 3 3/4                                       | 5 1/4        | 4 1/8            | 34                 | 82A8        | 1 1/4      | 16                 |
| 9                     | 82C9        | 8.99           | 1 1/4      | 3 3/4                                       | 5 1/4        | 4 1/8            | 38                 | 82A9        | 1 1/4      | 20                 |
| 10                    | 82C10       | 9.95           | 1 1/4      | 3 3/4                                       | 5 1/4        | 4 1/8            | 43                 | 82A10       | 1 1/4      | 25                 |
| 11                    | 82C11       | 10.91          | 1 1/4      | 3 15/16                                     | 5 3/4        | 4 3/8            | 54                 | 82A11       | 1 1/4      | 30                 |
| 12                    | 82C12       | 11.88          | 1 1/4      | 3 15/16                                     | 5 3/4        | 4 3/8            | 60                 | 82A12       | 1 1/4      | 36                 |
| 13                    | 82C13       | 12.85          | 1 1/4      | 3 15/16                                     | 5 3/4        | 4 3/8            | 66                 | 82A13       | 1 1/4      | 42                 |
| 14                    | 82C14       | 13.82          | 1 1/4      | 3 15/16                                     | 5 3/4        | 4 3/8            | 72                 | 82A14       | 1 1/4      | 48                 |
| 15                    | 82C15       | 14.79          | 1 1/2      | 4 1/2                                       | 6 1/2        | 5 5/8            | 94                 | 82A15       | 1 1/2      | 54                 |
| 16                    | 82C16       | 15.76          | 1 1/2      | 4 1/2                                       | 6 1/2        | 5 5/8            | 102                | 82A16       | 1 1/2      | 62                 |
| 17                    | 82C17       | 16.73          | 1 1/2      | 4 1/2                                       | 6 1/2        | 5 5/8            | 110                | 82A17       | 1 1/2      | 70                 |
| 18                    | 82C18       | 17.71          | 1 1/2      | 4 1/2                                       | 6 1/2        | 5 5/8            | 119                | 82A18       | 1 1/2      | 79                 |

## 238

### Sprockets for Chains

Rx 238 — IS 3514 J — 1616 A — MxS 3514 — US 3514 — LxS 3514 — LxS 3514 M

| Type C — 3.500" Pitch |             |                |            | Plate Thickness 1/4" Roller Diameter 1 3/4" |              |                  |                    | Type A      |            |                    |
|-----------------------|-------------|----------------|------------|---------------------------------------------|--------------|------------------|--------------------|-------------|------------|--------------------|
| No. Teeth             | Port Number | Pitch Diameter | Stock Bore | Max. Bore                                   | Hub Diameter | Length Thru Bore | Approximate Weight | Port Number | Stock Bore | Approximate Weight |
| 10                    | 238C10      | 11.33          | 1 1/2      | 3 3/4                                       | 5 1/2        | 4 1/4            | 54                 | 238A10      | 1 1/2      | 35                 |
| 12                    | 238C12      | 13.52          | 1 1/2      | 3 3/4                                       | 5 1/2        | 4 1/4            | 70                 | 238A12      | 1 1/2      | 51                 |
| 14                    | 238C14      | 15.73          | 1 1/2      | 3 3/4                                       | 5 1/2        | 4 1/4            | 88                 | 238A14      | 1 1/2      | 60                 |
| 30                    | 238C30      | 33.48          | 1 1/2      | 4                                           | 6            | 5 1/8            | 312                | 238A30      | 1 1/2      | 253                |
| 36                    | 238C36      | 40.16          | 1 1/2      | 4                                           | 6            | 5 1/8            | 445                | 238A36      | 1 1/2      | 370                |
| 42                    | 238C42      | 46.84          | 1 1/2      | 5 1/2                                       | 8            | 6 1/8            | 446                | 238A42      | 1 1/2      | 379                |
| 48                    | 238C48      | 53.52          | 1 1/2      | 5 1/2                                       | 8            | 6 1/8            | 517                | 238A48      | 1 1/2      | 450                |

### Type C — 4.000" Pitch

Plate Thickness 1½"  
Roller Diameter 1½"

### Type A

| No. Teeth | Port Number | Pitch Diameter | Stock Bore | Max. Bore | Hub Diameter | Length Thru Bore | Approximate Weight | Port Number | Stock Bore | Approximate Weight |
|-----------|-------------|----------------|------------|-----------|--------------|------------------|--------------------|-------------|------------|--------------------|
| 6         | 124C6       | 8.00           | 1⅝         | 3¼        | 4¾           | 4⅝               | 36                 | 124A6       | 1⅝         | 21                 |
| 7         | 124C7       | 9.22           | 1          | 3⅝        | 5¾           | 4¾               | 52                 | 124A7       | 1          | 28                 |
| 8         | 124C8       | 10.45          | 1          | 3⅝        | 5¾           | 4¾               | 61                 | 124A8       | 1          | 37                 |
| 9         | 124C9       | 11.70          | 1          | 3⅝        | 5¾           | 4¾               | 70                 | 124A9       | 1          | 46                 |
| 10        | 124C10      | 12.94          | 1          | 3⅝        | 5¾           | 4¾               | 79                 | 124A10      | 1          | 55                 |
| 11        | 124C11      | 14.20          | 1½         | 4¼        | 6¼           | 4¾               | 95                 | 124A11      | 1½         | 68                 |
| 12        | 124C12      | 15.45          | 1½         | 4¼        | 6¼           | 4¾               | 107                | 124A12      | 1½         | 80                 |
| 13        | 124C13      | 16.72          | 1½         | 4¼        | 6¼           | 4¾               | 120                | 124A13      | 1½         | 93                 |
| 14        | 124C14      | 17.98          | 1½         | 4¼        | 6¼           | 4¾               | 135                | 124A14      | 1½         | 108                |
| 15        | 124C15      | 19.24          | 1½         | 4⅝        | 6¾           | 6                | 168                | 124A15      | 1½         | 124                |
| 16        | 124C16      | 20.50          | 1½         | 4⅝        | 6¾           | 6                | 185                | 124A16      | 1½         | 141                |

### 124 Sprockets for Chains

H 124 — W 124 — WS 124 —  
WR 124 — WH 124

### Type C — 4.063" Pitch

Plate Thickness 1¾"  
Roller Diameter 1¾"

### Type A

| No. Teeth | Port Number | Pitch Diameter | Stock Bore | Max. Bore | Hub Diameter | Length Thru Bore | Approximate Weight | Port Number | Stock Bore | Approximate Weight |
|-----------|-------------|----------------|------------|-----------|--------------|------------------|--------------------|-------------|------------|--------------------|
| 6         | 1240C6      | 8.13           | 1⅝         | 2½        | 4            | 4                | 34                 | 1240A6      | 1⅝         | 26                 |
| 7         | 1240C7      | 9.36           | 1¼         | 3¾        | 5¼           | 4¾               | 51                 | 1240A7      | 1¼         | 34                 |
| 8         | 1240C8      | 10.62          | 1½         | 4½        | 6½           | 5                | 78                 | 1240A8      | 1½         | 44                 |
| 9         | 1240C9      | 11.88          | 1½         | 4½        | 6½           | 5                | 89                 | 1240A9      | 1½         | 55                 |
| 10        | 1240C10     | 13.15          | 1½         | 4½        | 6½           | 5                | 101                | 1240A10     | 1½         | 67                 |
| 11        | 1240C11     | 14.42          | 1½         | 4½        | 6½           | 5                | 115                | 1240A11     | 1½         | 81                 |
| 12        | 1240C12     | 15.70          | 1½         | 5¼        | 7            | 6                | 140                | 1240A12     | 1½         | 96                 |
| 13        | 1240C13     | 16.98          | 1½         | 5¼        | 7            | 6                | 155                | 1240A13     | 1½         | 111                |
| 14        | 1240C14     | 18.26          | 1½         | 5¼        | 7            | 6                | 174                | 1240A14     | 1½         | 130                |
| 15        | 1240C15     | 19.54          | 1½         | 5¼        | 7            | 6                | 192                | 1240A15     | 1½         | 148                |
| 16        | 1240C16     | 20.83          | 1½         | 5½        | 8            | 6¼               | 230                | 1240A16     | 1½         | 168                |
| 18        | 1240C18     | 23.40          | 1½         | 5½        | 8            | 6¼               | 275                | 1240A18     | 1½         | 213                |
| 20        | 1240C20     | 25.97          | 1½         | 5½        | 8            | 6¼               | 300                | 1240A20     | 1½         | 263                |
| 21        | 1240C21     | 27.26          | 1½         | 5½        | 8            | 6¼               | 319                | 1240A21     | 1½         | 289                |
| 24        | 1240C24     | 31.12          | 1½         | 5½        | 8            | 6¼               | 387                | 1240A24     | 1½         | 377                |
| 25        | 1240C25     | 33.42          | 1½         | 6         | 9            | 6¼               | 426                | 1240A25     | 1½         | 409                |
| 28        | 1240C28     | 36.29          | 1½         | 6         | 9            | 6¼               | 494                | 1240A28     | 1½         | 509                |
| 30        | 1240C30     | 38.87          | 1½         | 7         | 10           | 6¾               | 583                | 1240A30     | 1½         | 587                |
| 35        | 1240C35     | 45.33          | 1½         | 7         | 10           | 6¾               | 729                | 1240A35     | 1½         | 620                |
| 40        | 1240C40     | 51.78          | 1½         | 7½        | 11           | 7¾               | 932                | 1240A40     | 1½         | 721                |
| 48        | 1240C48     | 62.12          | 1½         | 7½        | 11           | 7¾               | 1078               | 1240A48     | 1½         | 867                |

### 1240 Sprockets for Chains

1240 — CHAMPION NO. 4 —  
1244 — Rx 1245 — R 1248 — SS  
124 — API 4 — LxS 1242 — SS  
124 — 3 BAR HYPeR — LxS 1245  
— SS 124 d — SS 124 dP — IS  
1242 — IS 1425

# Sprockets for Engineering Chains



## 635

### Sprockets for Chains

RO 635 — B 635 — x 635 —  
1350 — 450 Sx — 450 Sxx  
— IS 4522 — 1340 Rx — LxS  
4522 M

#### Type C — 4.500" Pitch

Plate Thickness 1 $\frac{3}{4}$ "  
Roller Diameter 2 $\frac{1}{4}$ "

#### Type A

| No. Teeth | Port Number | Pitch Diameter | Stock Bore      | Max. Bore       | Hub Diameter    | Length Thru Bore | Approximate Weight | Port Number | Stock Bore      | Approximate Weight |
|-----------|-------------|----------------|-----------------|-----------------|-----------------|------------------|--------------------|-------------|-----------------|--------------------|
| 10        | 635C10      | 14.56          | 1 $\frac{1}{2}$ | 4               | 6 $\frac{1}{2}$ | 5                | 111                | 635A10      | 1 $\frac{1}{2}$ | 87                 |
| 12        | 635C12      | 17.39          | 1 $\frac{1}{2}$ | 4               | 6 $\frac{1}{2}$ | 5                | 148                | 635A12      | 1 $\frac{1}{2}$ | 119                |
| 14        | 635C14      | 20.22          | 1 $\frac{1}{2}$ | 4               | 6 $\frac{1}{2}$ | 5                | 188                | 635A14      | 1 $\frac{1}{2}$ | 159                |
| 30        | 635C30      | 43.05          | 1 $\frac{1}{2}$ | 5 $\frac{3}{8}$ | 7 $\frac{1}{2}$ | 5 $\frac{7}{8}$  | 592                | 635A30      | 1 $\frac{1}{2}$ | 542                |
| 36        | 635C36      | 51.63          | 1 $\frac{1}{2}$ | 5 $\frac{3}{8}$ | 7 $\frac{1}{2}$ | 5 $\frac{7}{8}$  | 764                | 635A36      | 1 $\frac{1}{2}$ | 715                |
| 42        | 635C42      | 60.22          | 1 $\frac{1}{2}$ | 6 $\frac{1}{2}$ | 9 $\frac{1}{2}$ | 7 $\frac{1}{4}$  | 884                | 635A42      | 1 $\frac{1}{2}$ | 776                |
| 48        | 635C48      | 68.81          | 1 $\frac{1}{2}$ | 7 $\frac{1}{2}$ | 11              | 7 $\frac{3}{4}$  | 1174               | 635A48      | 1 $\frac{1}{2}$ | 963                |

## 1207

### Sprockets for Chains

Rx 1207 — RO 1205 — A 1302  
— JS 5031 — 1510 xx — 1602  
A — 1602 AA — US 5201 A  
— LxS 5028 — LxS 6038 M —  
MxS 5028

#### Type C — 5.000" Pitch

Plate Thickness 2 $\frac{1}{4}$ "  
Roller Diameter 2 $\frac{1}{2}$ "

#### Type A

| No. Teeth | Port Number | Pitch Diameter | Stock Bore      | Max. Bore       | Hub Diameter    | Length Thru Bore | Approximate Weight | Port Number | Stock Bore      | Approximate Weight |
|-----------|-------------|----------------|-----------------|-----------------|-----------------|------------------|--------------------|-------------|-----------------|--------------------|
| 10        | 1207C10     | 16.18          | 1 $\frac{1}{2}$ | 4 $\frac{1}{2}$ | 6 $\frac{1}{2}$ | 5 $\frac{1}{2}$  | 160                | 1207A10     | 1 $\frac{1}{2}$ | 131                |
| 12        | 1207C12     | 19.32          | 1 $\frac{1}{2}$ | 4 $\frac{1}{2}$ | 6 $\frac{1}{2}$ | 5 $\frac{1}{2}$  | 215                | 1207A12     | 1 $\frac{1}{2}$ | 187                |
| 14        | 1207C14     | 22.47          | 1 $\frac{1}{2}$ | 5 $\frac{3}{8}$ | 7 $\frac{1}{2}$ | 5 $\frac{7}{8}$  | 298                | 1207A14     | 1 $\frac{1}{2}$ | 254                |
| 30        | 1207C30     | 47.84          | 1 $\frac{1}{2}$ | 6               | 9               | 6 $\frac{3}{4}$  | 809                | 1207A30     | 1 $\frac{1}{2}$ | 730                |
| 36        | 1207C36     | 57.37          | 1 $\frac{1}{2}$ | 7               | 10              | 8 $\frac{1}{2}$  | 1161               | 1207A36     | 1 $\frac{1}{2}$ | 1025               |
| 42        | 1207C42     | 66.91          | 1 $\frac{1}{2}$ | 7               | 10              | 8 $\frac{1}{2}$  | 1245               | 1207A42     | 1 $\frac{1}{2}$ | 1109               |
| 48        | 1207C48     | 76.45          | 1 $\frac{1}{2}$ | 7 $\frac{1}{2}$ | 11              | 10 $\frac{1}{4}$ | 2005               | 1207A48     | 1 $\frac{1}{2}$ | 1794               |

## 132

### Sprockets for Chains

C 132 — A 132 — A 132 WS  
— WS 132 — C 132 M — C  
132 W — Sx 150 — SxA 150  
— 150 x — 6150 — W 157 —  
WH 157 — WR 157

#### Type C — 6.050" Pitch

Plate Thickness 2 $\frac{3}{4}$ "  
Roller Diameter 2 $\frac{3}{32}$ "

#### Type A

| No. Teeth | Port Number | Pitch Diameter | Stock Bore      | Max. Bore       | Hub Diameter    | Length Thru Bore | Approximate Weight | Port Number | Stock Bore      | Approximate Weight |
|-----------|-------------|----------------|-----------------|-----------------|-----------------|------------------|--------------------|-------------|-----------------|--------------------|
| 6         | 132C6       | 12.10          | 1 $\frac{1}{2}$ | 4 $\frac{1}{2}$ | 6 $\frac{1}{2}$ | 6                | 119                | 132A6       | 1 $\frac{1}{2}$ | 90                 |
| 7         | 132C7       | 13.95          | 1 $\frac{1}{2}$ | 4 $\frac{1}{2}$ | 6 $\frac{1}{2}$ | 6                | 149                | 132A7       | 1 $\frac{1}{2}$ | 120                |
| 8         | 132C8       | 15.81          | 1 $\frac{1}{2}$ | 4 $\frac{1}{2}$ | 6 $\frac{1}{2}$ | 6                | 182                | 132A8       | 1 $\frac{1}{2}$ | 153                |
| 9         | 132C9       | 17.69          | 1 $\frac{1}{2}$ | 5 $\frac{3}{8}$ | 7 $\frac{1}{2}$ | 6 $\frac{3}{8}$  | 236                | 132A9       | 1 $\frac{1}{2}$ | 192                |
| 10        | 132C10      | 19.58          | 1 $\frac{1}{2}$ | 5 $\frac{3}{8}$ | 7 $\frac{1}{2}$ | 6 $\frac{3}{8}$  | 278                | 132A10      | 1 $\frac{1}{2}$ | 235                |
| 11        | 132C11      | 21.47          | 1 $\frac{1}{2}$ | 5 $\frac{3}{8}$ | 7 $\frac{1}{2}$ | 6 $\frac{3}{8}$  | 326                | 132A11      | 1 $\frac{1}{2}$ | 283                |
| 12        | 132C12      | 23.38          | 1 $\frac{1}{2}$ | 5 $\frac{3}{8}$ | 7 $\frac{1}{2}$ | 6 $\frac{3}{8}$  | 378                | 132A12      | 1 $\frac{1}{2}$ | 334                |

| No. 35- 3/8" Pitch |           | No. 40- 1/2" Pitch |           | No. 50- 5/8" Pitch |           | No. 60- 3/4" Pitch |           | No. 80- 1" Pitch |           |
|--------------------|-----------|--------------------|-----------|--------------------|-----------|--------------------|-----------|------------------|-----------|
| No.                | Wt. (lbs) | No.                | Wt. (lbs) | No.                | Wt. (lbs) | No.                | Wt. (lbs) | No.              | Wt. (lbs) |
| 35V15              | 0.1       | 40V12              | 0.1       | 50V10              | 0.2       | 60V09              | 0.3       | 80W09            | 0.6       |
| 35V16              | 0.1       | 40V13              | 0.1       | 50V11              | 0.2       | 60V10              | 0.4       | 80W10            | 0.8       |
| 35V17              | 0.1       | 40V14              | 0.2       | 50W12              | 0.2       | 60W11              | 0.4       | 80W11            | 1.0       |
| 35V18              | 0.1       | 40V15              | 0.3       | 50W13              | 0.3       | 60W12              | 0.4       | 80W12            | 1.2       |
| 35V19              | 0.1       | 40W16              | 0.2       | 50W14              | 0.3       | 60W13              | 0.6       | 80X12            | 1.1       |
| 35V20              | 0.1       | 40W17              | 0.3       | 50W15              | 0.4       | 60W14              | 0.8       | 80X13            | 1.4       |
| 35V21              | 0.2       | 40W18              | 0.3       | 50W16              | 0.5       | 60X15              | 0.8       | 80X14            | 1.7       |
| 35W22              | 0.1       | 40W19              | 0.3       | 50X17              | 0.5       | 60X16              | 0.9       | 80X15            | 2.1       |
| 35W23              | 0.2       | 40X20              | 0.3       | 50X18              | 0.6       | 60X17              | 1.2       | 80X16            | 2.4       |
| 35W24              | 0.2       | 40X21              | 0.4       | 50X19              | 0.7       | 60X18              | 1.3       | 80X17            | 2.8       |
| 35W25              | 0.2       | 40X22              | 0.4       | 50X20              | 0.8       | 60X19              | 1.5       | 80X18            | 3.3       |
| 35W26              | 0.3       | 40X23              | 0.5       | 50X21              | 0.9       | 60X20              | 1.6       | 80X19            | 3.6       |
| 35W27              | 0.3       | 40X24              | 0.6       | 50X22              | 1.0       | 60X21              | 2.0       | 80X20            | 4.1       |
| 35W28              | 0.3       | 40X25              | 0.6       | 50X23              | 1.1       | 60X22              | 2.3       | 80X21            | 4.6       |
| 35W29              | 0.3       | 40X26              | 0.7       | 50X24              | 1.3       | 60X23              | 2.5       | 80X22            | 5.2       |
| 35W30              | 0.3       | 40X27              | 0.8       | 50X25              | 1.4       | 60X24              | 2.8       | 80X23            | 5.6       |
| 35W31              | 0.4       | 40X28              | 0.9       | 50X26              | 1.6       | 60X25              | 3.0       | 80X24            | 6.1       |
| 35W32              | 0.4       | 40X29              | 0.9       | 50X27              | 1.8       | 60X26              | 3.3       | 80X25            | 6.9       |
| 35W33              | 0.5       | 40X30              | 1.0       | 50X28              | 1.8       | 60X27              | 3.6       | 80X26            | 7.3       |
| 35W34              | 0.5       | 40X31              | 1.1       | 50X29              | 2.1       | 60X28              | 3.8       | 80X27            | 8.0       |
| 35W35              | 0.5       | 40X32              | 1.1       | 50X30              | 2.2       | 60X29              | 4.4       | 80X28            | 8.6       |
| 35W36              | 0.5       | 40X33              | 1.4       | 50X31              | 2.4       | 60X30              | 4.5       | 80X29            | 9.3       |
| 35W37              | 0.6       | 40X34              | 1.4       | 50X32              | 2.4       | 60X31              | 4.8       | 80X30            | 10.2      |
| 35W38              | 0.6       | 40X35              | 1.5       | 50X33              | 2.6       | 60X32              | 5.1       | 80X32            | 11.5      |
| 35W39              | 0.7       | 40X36              | 1.5       | 50X34              | 3.0       | 60X33              | 5.4       | 80X33            | 12.3      |
| 35W40              | 0.7       | 40X37              | 1.7       | 50X35              | 3.0       | 60X34              | 5.8       | 80X34            | 13.0      |
| 35W41              | 0.8       | 40X38              | 1.8       | 50X36              | 3.3       | 60X35              | 6.2       | 80X35            | 14.0      |
| 35W42              | 0.8       | 40X39              | 1.9       | 50X37              | 3.4       | 60X36              | 6.5       | 80X36            | 14.8      |
| 35W43              | 0.8       | 40X40              | 2.0       | 50X38              | 3.5       | 60X37              | 7.1       | 80X38            | 17.1      |
| 35W44              | 0.9       | 40X41              | 2.1       | 50X39              | 3.8       | 60X38              | 7.3       | 80X40            | 18.1      |
| 35W45              | 0.9       | 40X42              | 2.2       | 50X40              | 3.9       | 60X39              | 7.6       | 80X42            | 21.1      |
| 35W46              | 0.9       | 40X43              | 2.4       | 50X41              | 4.1       | 60X40              | 8.3       | 80X45            | 25.4      |
| 35W47              | 1.0       | 40X44              | 2.5       | 50X42              | 4.5       | 60X41              | 8.8       | 80X48            | 27.4      |
| 35W48              | 1.0       | 40X45              | 2.6       | 50X43              | 4.7       | 60X42              | 9.1       | 80X54            | 34.8      |
| 35W49              | 1.1       | 40X46              | 2.7       | 50X44              | 4.9       | 60X43              | 9.8       | 80X60            | 41.6      |
| 35W50              | 1.2       | 40X47              | 3.0       | 50X45              | 5.2       | 60X44              | 10.3      |                  |           |
| 35W51              | 1.2       | 40X48              | 3.1       | 50X46              | 5.5       | 60X45              | 10.6      |                  |           |
| 35W52              | 1.3       | 40X49              | 3.3       | 50X47              | 5.9       | 60X46              | 11.4      |                  |           |
| 35W53              | 1.3       | 40X50              | 3.5       | 50X48              | 6.1       | 60X47              | 11.9      |                  |           |
| 35W54              | 1.4       | 40X52              | 3.6       | 50X49              | 6.3       | 60X48              | 12.2      |                  |           |
| 35W55              | 1.4       | 40X54              | 3.8       | 50X50              | 6.6       | 60X49              | 12.7      |                  |           |
| 35W56              | 1.4       | 40X60              | 5.0       | 50X52              | 7.3       | 60X50              | 13.1      |                  |           |
| 35W57              | 1.5       | 40X65              | 5.8       | 50X54              | 7.7       | 60X52              | 14.6      |                  |           |
| 35W58              | 1.6       | 40X70              | 6.9       | 50X60              | 9.8       | 60X54              | 15.6      |                  |           |
| 35W59              | 1.6       | 40X72              | 7.4       | 50X65              | 11.8      | 60X60              | 18.8      |                  |           |
| 35W60              | 1.7       | 40X80              | 8.9       | 50X70              | 13.6      | 60X72              | 27.6      |                  |           |
| 35W70              | 2.3       | 40X84              | 9.9       | 50X72              | 13.8      | 60X80              | 35.0      |                  |           |
| 35W72              | 2.5       | 40X96              | 13.0      | 50X80              | 17.3      |                    |           |                  |           |
| 35W84              | 3.3       |                    |           | 50X84              | 19.4      |                    |           |                  |           |
| 35W96              | 4.3       |                    |           | 50X96              | 24.9      |                    |           |                  |           |

# Weld Hubs



Hubs are furnished with standard keyways and (2) set screws.

| Round Bore |           |         |          |
|------------|-----------|---------|----------|
| Hub Series | Bore Size | Std. KW | Wt. Lbs. |
| V          | 1/2       | 1/8     | .38      |
| V          | 9/16      | 1/8     | .38      |
| V          | 5/8       | 3/16    | .38      |
| V          | 11/16     | 3/16    | .32      |
| V          | 3/4       | 3/16    | .32      |
| V          | 13/16     | 3/16    | .32      |
| V          | 7/8       | 3/16    | .25      |
| W          | 1/2       | 1/8     | .88      |
| W          | 9/16      | 1/8     | .88      |
| W          | 5/8       | 3/16    | .83      |
| W          | 11/16     | 3/16    | .83      |
| W          | 3/4       | 3/16    | .83      |
| W          | 13/16     | 3/16    | .75      |
| W          | 7/8       | 3/16    | .75      |
| W          | 15/16     | 1/4     | .69      |
| W          | 1         | 1/4     | .63      |
| W          | 1 1/16    | 1/4     | .63      |
| W          | 1 1/8     | 1/4     | .57      |
| W          | 1 3/16    | 1/4     | .50      |
| W          | 1 1/4     | 1/4     | .44      |
| X          | 5/8       | 3/16    | 1.63     |
| X          | 11/16     | 3/16    | 1.63     |
| X          | 3/4       | 3/16    | 1.56     |
| X          | 13/16     | 3/16    | 1.56     |
| X          | 7/8       | 3/16    | 1.50     |
| X          | 15/16     | 1/4     | 1.38     |
| X          | 1         | 1/4     | 1.38     |
| X          | 1 1/16    | 1/4     | 1.38     |
| X          | 1 1/8     | 1/4     | 1.38     |
| X          | 1 3/16    | 1/4     | 1.25     |
| X          | 1 1/4     | 1/4     | 1.25     |
| X          | 1 1/2     | 5/16    | 1.24     |
| X          | 1 5/8     | 5/16    | 1.19     |
| X          | 1 3/4     | 5/16    | 1.13     |
| X          | 1 7/8     | 3/8     | 1.13     |
| X          | 1 1/2     | 3/8     | 1.06     |
| XX         | 1         | 1/4     | 2.13     |
| XX         | 1 1/8     | 1/4     | 2.06     |
| XX         | 1 1/4     | 1/4     | 1.94     |
| XX         | 1 3/8     | 3/16    | 1.83     |
| XX         | 1 7/16    | 3/8     | 1.75     |
| XX         | 1 1/2     | 3/8     | 1.75     |
| XX         | 1 5/8     | 3/8     | 1.56     |

| Round Bore |           |         |          |
|------------|-----------|---------|----------|
| Hub Series | Bore Size | Std. KW | Wt. Lbs. |
| Y          | 1         | 1/4     | 4.50     |
| Y          | 1 1/8     | 1/4     | 4.38     |
| Y          | 1 1/4     | 1/4     | 4.19     |
| Y          | 1 3/8     | 5/16    | 4.06     |
| Y          | 1 7/16    | 3/8     | 4.00     |
| Y          | 1 1/2     | 3/8     | 3.94     |
| Y          | 1 5/8     | 3/8     | 3.69     |
| Y          | 1 11/16   | 3/8     | 3.63     |
| Y          | 1 3/4     | 3/8     | 3.56     |
| Y          | 1 7/8     | 1/2     | 3.38     |
| Y          | 1 15/16   | 1/2     | 3.25     |
| Y          | 2         | 1/2     | 3.13     |

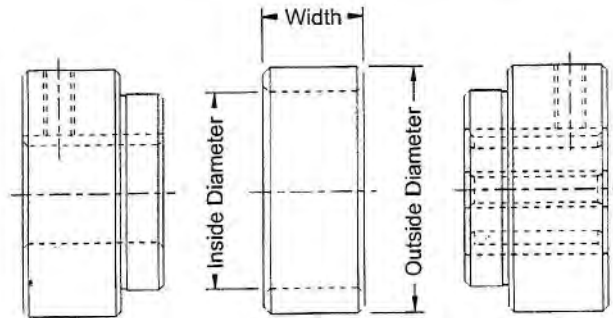
| Stock Bore |           |          |
|------------|-----------|----------|
| Hub Series | Bore Size | Wt. Lbs. |
| W          | 1/2       | .94      |
| X          | 19/32     | 1.63     |

| Hexagon Bore |           |          |
|--------------|-----------|----------|
| Hub Series   | Bore Size | Wt. Lbs. |
| W            | 9/16      | .88      |
| W            | 5/8       | .83      |
| W            | 3/4       | .83      |
| W            | 7/8       | .69      |
| W            | 1         | .50      |
| W            | 1 1/8     | .50      |
| W            | 1 1/4     | .50      |
| X            | 9/16      | 1.70     |
| X            | 5/8       | 1.63     |
| X            | 3/4       | 1.56     |
| X            | 7/8       | 1.50     |
| X            | 1         | 1.32     |
| X            | 1 1/8     | 1.32     |
| X            | 1 1/4     | 1.25     |

| Square Bore |           |          |
|-------------|-----------|----------|
| Hub Series  | Bore Size | Wt. Lbs. |
| W           | 5/8       | .77      |
| W           | 3/4       | .75      |
| W           | 1         | .56      |
| X           | 3/4       | 1.50     |
| X           | 7/8       | 1.44     |
| X           | 1         | 1.32     |
| X           | 1 1/8     | 1.19     |
| X           | 1 1/4     | 1.06     |

Hubs are furnished with standard keyways and (2) set screws.

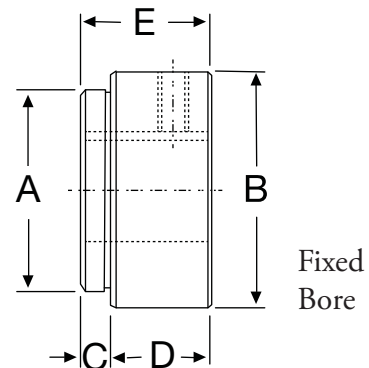
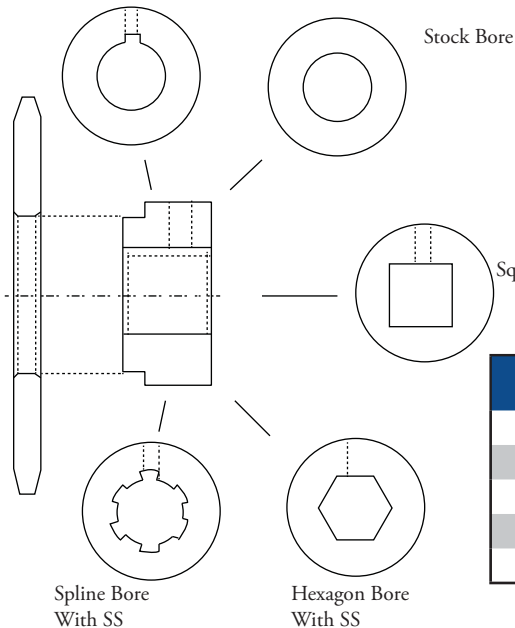
| Spline Bore |              |          |
|-------------|--------------|----------|
| Hub Series  | Bore Size    | Wt. Lbs. |
| W           | 7/8 x 13SP   | .75      |
| W           | 1 x 6SP      | .69      |
| W           | 1 x 15SP     | .69      |
| W           | 1 1/8 x 6SP  | .63      |
| W           | 1 1/4 x 6SP  | .58      |
| W           | 1 1/4 x 14SP | .56      |
| W           | 1 3/8 x 6SP  | .44      |
| W           | 1 3/8 x 21SP | .44      |
| X           | 7/8 x 13SP   | 1.56     |
| X           | 1 x 6SP      | 1.38     |
| X           | 1 1/8 x 6SP  | 1.38     |
| X           | 1 1/4 x 6SP  | 1.34     |
| X           | 1 1/4 x 14SP | 1.32     |
| X           | 1 3/8 x 6SP  | 1.25     |
| X           | 1 3/8 x 21SP | 1.19     |
| X           | 1 3/4 x 6SP  | .90      |
| XX          | 1 3/4 x 20SP | 1.63     |



| Weld Hub Coupler Hubs |                  |                 |       |         |
|-----------------------|------------------|-----------------|-------|---------|
| Fits Hub Series       | Outside Diameter | Inside Diameter | Width | Wt. Lbs |
| WHC1                  | 2                | 1-5/8           | 1     | .32     |
| XHC1                  | 2-1/2            | 2               | 1     | .50     |

Coupler Hubs are designed to create a coupler to connect two separate shafts. The shafts may be the same or different styles or sizes. Simply choose the Weld Hub needed and assemble with the appropriate Coupler Hub.

Round Bore w/  
Std. KW & 2SS



| Letter | V Hub<br>Fixed Bore | W Hub<br>Fixed Bore | X Hub<br>Fixed Bore | XX Hub<br>Fixed Bore | Y Hub<br>Fixed Bore |
|--------|---------------------|---------------------|---------------------|----------------------|---------------------|
| A      | 1-1/8               | 1-5/8               | 2                   | 2                    | 2-3/4               |
| B      | 1-7/16              | 1-3/4               | 2-1/4 to 2-1/2      | 3                    | 3-3/4               |
| C      | 7/16                | 7/16                | 7/16                | 7/16                 | 11/16               |
| D      | 3/4                 | 1                   | 1                   | 1-1/16               | 1-3/16              |
| E      | 1-3/16              | 1-7/16              | 1-7/16              | 1-1/2                | 1-7/8               |

## Idler Sprockets



| Toltec Item   | Chain Size | # of Teeth | Bore  | LTB   |
|---------------|------------|------------|-------|-------|
| 40I17H-1/2 EX | 40         | 17         | .500" | .720" |
| 40I17H-5/8 EX | 40         | 17         | .638" | .720" |
| 50I13H-1/2 EX | 50         | 13         | .500" | .720" |
| 50I13H-5/8 EX | 50         | 13         | .638" | .720" |
| 50I15H-1/2 EX | 50         | 15         | .500" | .720" |
| 50I15H-5/8 EX | 50         | 15         | .638" | .720" |
| 50I17H-1/2 EX | 50         | 17         | .500" | .720" |
| 50I17H-5/8 EX | 50         | 17         | .638" | .720" |
| 60I11H-1/2 EX | 60         | 11         | .500" | .720" |
| 60I11H-5/8 EX | 60         | 11         | .638" | .720" |
| 60I13H-1/2 EX | 60         | 13         | .500" | .720" |
| 60I13H-5/8 EX | 60         | 13         | .638" | .720" |
| 60I15H-1/2 EX | 60         | 15         | .500" | .720" |
| 60I15H-5/8 EX | 60         | 15         | .638" | .720" |
| 80I11H-3/4 EX | 80         | 11         | .750" | .700" |
| 80I11H-1      | 80         | 11         | 1.00" | .570" |
| 80I12H-3/4    | 80         | 12         | .750" | .700" |
| 80I12H-1      | 80         | 12         | 1.00" | .570" |
| 100I12H-3/4   | 100        | 12         | .750" | .700" |
| 100I12H-1     | 100        | 12         | 1.00" | .570" |

All idler sprockets have hardened teeth.

Bore sizes .500" through .750" have extended race bearings.

Made to Order idler sprockets available upon request.

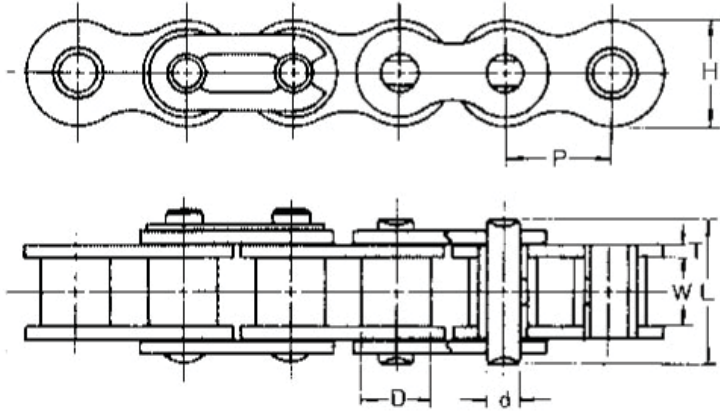
## Clutch Sprockets

| Sprocket Number | Bore Size" | Number of Bolts | Bolt Size" | Face Diameter" | Compatible With |
|-----------------|------------|-----------------|------------|----------------|-----------------|
| 60A30H          | 2.5        | 6               | 5.25       | 4.81           | FP4725          |
| 60A32H          | 2.5        | 6               | 5.25       | 4.81           | FP4725          |
| 60A36H          | 2.5        | 8               | 6.75       | 6.31           | FP6225          |
| 60A48H          | 4.25       | 8               | 9.75       | 9.13           | FP9042          |
| 80A28H          | 4.25       | 6               | 5.25       | 4.81           | FP4725          |
| 80A36H          | 4.25       | 8               | 9.75       | 9.13           | FP9042          |
| 80A40H          | 4.25       | 8               | 9.75       | 9.13           | FP9042          |
| 80A42H          | 4.25       | 8               | 9.75       | 9.13           | FP9042          |
| 80A48H          | 4.25       | 8               | 9.75       | 9.13           | FP9042          |

Toltec has developed two-sided plate sprockets with machined faces to accommodate slip clutch lining and hardened teeth for potato harvesting. Accompanying slip clutch linings also are stocked.







UNIT Upper: inch  
Beneath: mm

| Chain No. | Pitch  | Roller Diameter | Width between L.P. | Link Plate |       | Pin Diameter | Pin     | Average Tensile Strength | Max Working Load | Weight     |
|-----------|--------|-----------------|--------------------|------------|-------|--------------|---------|--------------------------|------------------|------------|
|           | P      | D               | W                  | H          | T     | D            | L       | Lb/kgf                   | Lb/kgf           | Lb/ft kg/m |
| 25        | 0.25   | 0.13            | 0.126              | 0.23       | 0.03  | 0.091        | 0.307   | 1058                     | 154              | 0.087      |
|           | 6.350  | 3.300           | 3.200              | 5.850      | 0.750 | 2.300        | 7.800   | 480                      | 70               | 0.13       |
| 35        | 0.375  | 0.2             | 0.189              | 0.354      | 0.049 | 0.141        | 0.461   | 2601                     | 419              | 0.242      |
|           | 9.525  | 5.080           | 4.800              | 9.000      | 1.250 | 3.580        | 11.700  | 1180                     | 190              | 0.36       |
| 40        | 0.5    | 0.312           | 0.313              | 0.472      | 0.059 | 0.156        | 0.634   | 4299                     | 860              | 0.443      |
|           | 12.700 | 7.920           | 7.950              | 12.000     | 1.500 | 3.960        | 16.100  | 1950                     | 390              | 0.66       |
| 41        | 0.5    | 0.306           | 0.252              | 0.382      | 0.049 | 0.141        | 0.524   | 2403                     | 463              | 0.275      |
|           | 12.700 | 7.770           | 6.400              | 9.700      | 1.250 | 3.580        | 13.300  | 1090                     | 210              | 0.41       |
| 50        | 0.625  | 0.4             | 0.376              | 0.591      | 0.079 | 0.2          | 0.799   | 7165                     | 1389             | 0.726      |
|           | 15.875 | 10.160          | 9.550              | 15.000     | 2.000 | 5.080        | 20.300  | 3250                     | 630              | 1.08       |
| 60        | 0.75   | 0.469           | 0.5                | 0.709      | 0.094 | 0.234        | 1       | 9921                     | 2094             | 1.075      |
|           | 19.050 | 11.910          | 12.700             | 18.000     | 2.400 | 5.950        | 25.400  | 4500                     | 950              | 1.6        |
| 80        | 1      | 0.625           | 0.626              | 0.949      | 0.126 | 0.313        | 1.287   | 17637                    | 3638             | 1.881      |
|           | 25.400 | 15.880          | 15.900             | 24.100     | 3.200 | 7.940        | 32.700  | 8000                     | 1650             | 2.8        |
| 100       | 1.25   | 0.75            | 0.754              | 1.185      | 0.157 | 0.375        | 1.571   | 26455                    | 5512             | 2.822      |
|           | 31.750 | 19.050          | 19.150             | 30.100     | 4.000 | 9.530        | 39.900  | 12000                    | 2500             | 4.2        |
| 120       | 1.5    | 0.875           | 1.006              | 1.425      | 0.189 | 0.437        | 1.972   | 37038                    | 7275             | 4.166      |
|           | 38.100 | 22.230          | 25.550             | 36.200     | 4.800 | 11.110       | 50.100  | 16800                    | 3300             | 6.2        |
| 140       | 1.75   | 1               | 1.004              | 1.661      | 0.22  | 0.5          | 2.134   | 48722                    | 9700             | 5.174      |
|           | 44.450 | 25.400          | 25.500             | 42.200     | 5.600 | 12.700       | 54.200  | 22100                    | 4400             | 7.7        |
| 160       | 2      | 1.125           | 1.25               | 1.898      | 0.252 | 0.563        | 2.72    | 60186                    | 12125            | 6.652      |
|           | 50.800 | 28.580          | 31.750             | 48.200     | 6.400 | 14.290       | 69.100  | 27300                    | 5500             | 9.9        |
| 180       | 2.25   | 1.406           | 1.406              | 2.134      | 0.283 | 0.687        | 3.138   | 73634                    | 14110            | 9.044      |
|           | 57.150 | 35.710          | 35.700             | 54.200     | 7.200 | 17.460       | 79.700  | 33400                    | 6400             | 13.46      |
| 200       | 2.5    | 1.562           | 1.5                | 2.366      | 0.315 | 0.781        | 3.358   | 101413                   | 15873            | 11.087     |
|           | 63.500 | 39.680          | 38.100             | 60.100     | 8.000 | 19.840       | 85.300  | 46000                    | 7200             | 16.5       |
| 240       | 3      | 1.875           | 1.89               | 2.85       | 0.374 | 0.937        | 4.122   | 149914                   | 21826            | 16.664     |
|           | 76.200 | 47.630          | 48.000             | 72.400     | 9.500 | 23.800       | 104.700 | 68000                    | 9900             | 24.8       |

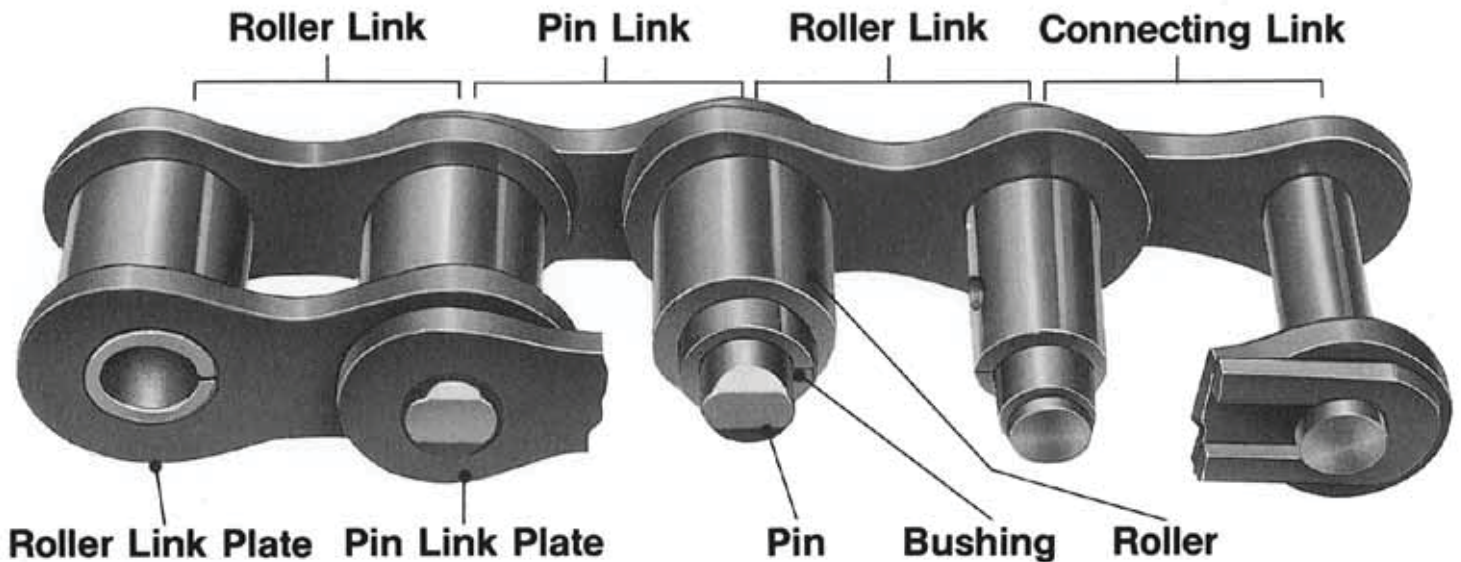
# Roller Chain Features



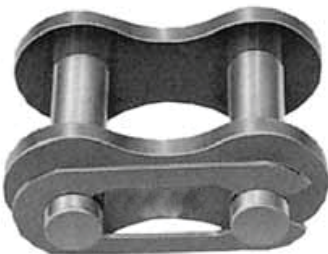
## CONSTRUCTION OF ROLLER CHAIN

Roller chain is made up of roller links and pin links. Roller link consists of two bushings press-fitted into roller link plates with two free rotating rollers over the bushings. Pin link consists of two pin link plates into which two pins are press-fitted.

There are two types of pins. Rivet and cotter types.



## Connecting Links



### 1) Spring clip type

This is standard for all single and multiple strand ANSI standard chain, 80 and below and British standard chain, 16B and below.



### 3) Offset Link

An offset link is a combination of a roller link and a pin link. This link is used where the chain length is an odd number of pitches. It is recommended not to use an offset link whenever possible.



### 2) Cotter type

This is standard for all single and multiple strand ANSI 100 and above, and British standard 20B and above.



### 4) Two Pitch Offset Link

The unit consists of one offset and one roller link. Pins are press fitted into the link plates and the unit is more suitable for heavy impact load and high speed driving than one pitch offset link.

### 1. Attention

All the Toltec products are carefully manufactured. However, improper selection, handling or maintenance may result in a serious accident. Please refer to Toltec product catalogs and related instructions. If you have any questions, please contact us.

### 2. Warning for handling chains and sprockets

When connecting or disconnecting chain,

- Wear safety glasses, gloves, safety shoes and protective clothing suitable for the job.
- Support the chain to prevent the uncontrolled movement of chain and parts.
- Use proper tools in good condition suitable for connecting and disconnecting chain.
- Don't insert or remove pins without knowing their correct direction.
- Not only a person being at work but also a person nearby should follow the above instructions.

### 3. Lock out power switch

When installing, dismantling or maintenance servicing like lubricating chain, always lock out power switch to avoid an accident.

### 4. Prevent secondary accidents

Always clear around the working area in order to prevent secondary accidents.

### 5. To replace parts of chain is dangerous

When replacing worn chain or sprocket, do not attempt to rebuild chains by using parts of disassembled chains. Replace all of them with new ones.

### 6. Reprocessing chain is dangerous

Do not try to reprocess chain. Almost all parts of chain are hardened by heat treatment.

- Plating or some surface treatment of heat treated parts may result in the destruction of chain.
- Do not weld heat treated chain, sprockets and their parts. It may lead to crack them and decrease their strength by heat influence.
- Do not anneal heat treated chain, sprockets and their parts.

### 7. Remove any object interfering with chain and sprocket

Any object interfering with driving chain and sprocket is not only dangerous but make their life span short. Always check and remove the interfering object.

### 8. Lubrication

Constant lubrication prolongs the life of almost all chains. If the chain that needs lubrication has been kept unlubricated a long time, the life of the chain is shorter than expected.

### 9. Washing

When washing chain, don't use any acid, alkali, gasoline and high vaporized solvent. Dip it into kerosine and after that, lubricate it well.

### 10. Aligning shaft and sprockets

To operate the chain normally, sprockets must make a straight line and shafts must be installed and aligned horizontally.

### 11. Build and install chain

1) Refer to the item above #1 to 10.

2) Connecting link

A. Connecting plate

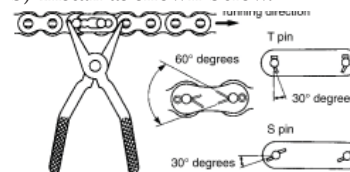
- Loose fit type : It is easy to set the connecting plate into pins.
- Semi-press fit type : Drive connecting plate into pins by hammer.

B. Spring clip

- Insert well in right direction.

C. Cottered pin

- Do not use the cotter pins on the market. Use only the supplied cotters.
- Install as shown below.



3) Do not alter link hole and pin diameter to make them easier fit into chain.

4) Do not use any used parts, such as spring clip, cotter pin, connecting plate and so on.

5) Check before driving

- Connecting link is connected well and properly.
- Chain engages with teeth of sprockets.
- There is no object interfering and scattering around device.
- Safety cover has been installed.
- There is no object interfering with the chain or the safety cover.
- There is nothing unusual on the connecting link.
- There is no unusual noise.

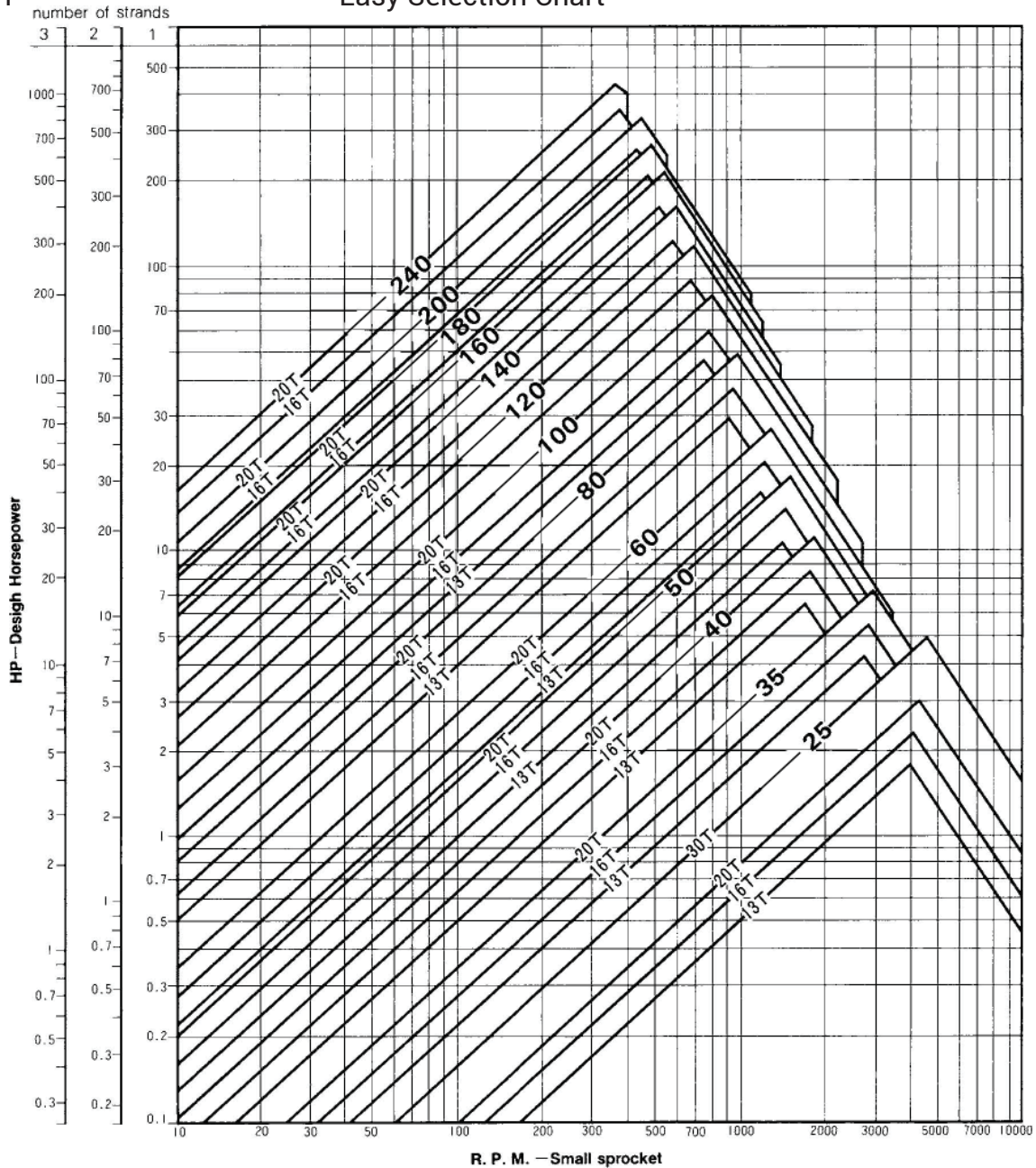
### 12. Life span of chain and sprocket

Due to the difference of operating environment, condition, teeth of sprocket, status of lubricating and so on, the life span of chains is different even if the chains are the same type and same size. If new chain is used with old sprocket with worn teeth, or if new sprocket is used with old chain that has already been elongated, the life of chain and sprocket gets shorter.

# Easy Chain Selection



Table 1 Easy Selection Chart



1. The selection of Toltec chain can be made by seeking the intersection of RPM of small sprocket (Horizontal line) and design horsepower (Vertical line).

Example:

The rpm of small sprocket is 200, and the design horsepower is 2HP. 50 is obtained and the number of teeth in small sprocket is 13T to 16T.

Example:

The RPM of small sprocket is 600 with design horsepower of 8HP. In this case, 50 and 60 are sought. In case of 50, the number of teeth is 20T. In the event of 60, the number of teeth is 13T. After having made a tentative selection based on the chart, refer to the horsepower rating of the tentatively selected chain.

2. If the speed of chain is less than 50M/min., it is sometimes better to use a slow speed selection shown on page 10.



Procedure for selecting roller chain for transmission

### GENERAL SELECTION

#### (1) The following information is required for chain selection:

1. Source of power
2. Power to be transmitted
3. Driven Equipment
4. Revolution of drive and driven shaft per minute, and the diameter of the shaft
5. Center distance of the shafts

#### (2) Determination of service factor

Select a service factor from Table 4 to compensate for the loads imposed on the chain by the type of input power and the type of equipment to be driven.

#### (3) Establish design horsepower

Multiply the power to be transmitted by the factor obtained from (2)

Single strand:

(A) Design horsepower =  $\frac{\text{The power to be transmitted} \times \text{service factor}}{\text{transmitted} \times \text{service factor}}$

Multiple stand:

(B) Design horsepower =

$\frac{\text{The power to be transmitted} \times \text{service factor}}{\text{Multiple strand factor}}$

#### (4) Determination of number of teeth in small sprocket and roller chain

According to the number of revolutions and designing horsepower of a high speed shaft (in case of low speed, it is a drive shaft. In the event of overdrive, it is a driven shaft), refer to Table 1 Easy Selection Chart and horse power ratings and select an appropriate chain and the number of teeth of small sprocket. When you determine the number of teeth for small sprocket, check the bore capacity of the sprocket selected, making sure it will accommodate the driving shaft.

#### (5) Determination of number of teeth in the large sprocket

Multiply the drive ratio by the number of teeth in small sprocket.

#### Selection Example (1)

Q1. A centrifugal compressor with 3HP is driven by an 1800 rpm electric motor. How to select chain and sprockets.

A1. Seek the service factor, 1.3, from Table 4.

Power to be transmitted  $\times$  Service factor = Design Horsepower  
 $3\text{HP} \times 1.3 = 3.9\text{HP}$

2. Refer to Table 1. Easy selection chart for 1800rpm 3.9HP, and 35 chain with sprocket 16T to 20T is obtained.

3. Check horsepower ratings for chain 35, and as you see, the horsepower ratings of 35 17T with speed of 1800rpm is 3.93HP, which is satisfactory.

4. The following are selected: Chain No 35 Small sprocket 35 17T  
*Selection Example (2)*

Q1. The number of revolutions for drive is 500rpm and the power to be transmitted is 10HP. The rpm is reduced to 125 (1/4). The center distance should be 270mm with a space limitation of 480mm, and a uniform load. How to select chain and sprocket for this application.

A1. Design horsepower is computed as follows:

Design horsepower:  $10\text{HP} \times 1.0 = 10\text{HP}$

2. Select chain and the number of teeth for sprocket by referring to Table 1, Easy selection Chart and horsepower ratings. 60 18T has been selected.

3. Speed reduction ratio is  $0.25 = \frac{125\text{rpm}}{500\text{rpm}}$

Therefore, the number of teeth in the large

18T sprocket is  $72\text{T} = \frac{18\text{T}}{0.25}$

4. The outside diameter of the 18T is 119mm and the 72T is 447mm.

The space required for these arrangements is

$$\frac{119 + 447}{2} + 270 = 553\text{mm}$$

which can not be contained in the 480mm.

5. Multiple strand chain is selected. 50 - 2 16T to 20T is selected using Table 1, Easy Selection Chart. The design horsepower is obtained from the formula (B)

$$\frac{10\text{HP} \times 1.0}{1.7} = 5.88\text{HP}$$

(1.7 is multiple strand factor)

Refer to horsepower ratings. 50 - 2, 18T is obtained. Its outside diameter is 99mm. The large sprocket is  $72\text{T} = \frac{18\text{T}}{0.25}$  outside diameter 373mm. However, this selection can not be contained in the space.

6. Triple strand chain is selected in the same manner as above. 50 - 3, 13T and 52T are obtained. The outside diameter of sprockets is 73mm, and 271 mm respectively.

$$\frac{73 + 271}{2} + 270 = 442\text{mm}$$

can be contained in the space required.

The chain and sprockets selected are 50 - 3, 13T and 52T.

# Selection on Special Applications



If an application requires the speed of roller chain at less than 50m/min., it is necessary to take into account not wear elongation but fatigue strength. It is, therefore, economical to use a low speed selection method rather than the general selection procedure. For operations under special conditions, a different selection method is required from the general selection procedure.

## (1) Operation at low speeds

The formula below is used if the speed of chain is less than 50M/min. with infrequent starts and stops.

$$\text{Allowable load} \geq \text{Max load imposed on chain} \times \text{Service factor} \times \text{Speed factor}$$

If not satisfactory to meet the requirements, please change the chain and sprocket and review.

### Note:

When operation conditions are frequent starts and stops and reversals of drive rotation, increase the service factors to compensate for the conditions or consult Toltec.

Selection procedure is as follows:

1. Select slightly smaller roller chain and sprocket from a prime mover HP and RPM on Table 1 Easy Selection Chart.
2. Multiply the rpm of sprocket obtained by Table 2, the value of chain speed per one rpm of the sprocket to obtain the speed of chain, m/min.
3. To determine the max load imposed on chain.
4. Service factor from Table 4.
5. Speed factor is obtained from Table 3, speed factor.
6. Using the formula above, calculate the value obtained, and compare the allowable load of a roller chain tentatively selected on the item I above.

## (2) Operations under abnormal atmosphere conditions

If the atmosphere condition of operation is worse than ordinary, consult Toltec. If operation atmosphere is high temperature or corrosive, it is recommended to use stainless steel roller chain.

| Speed of Roller Chain (m/min) | Speed Factor | Remarks                                   |
|-------------------------------|--------------|-------------------------------------------|
| Less than 10                  | 1.0          |                                           |
| 10 and Less than 20           | 1.1          |                                           |
| 20 and Less than 30           | 1.2          |                                           |
| 30 and Less than 40           | 1.3          |                                           |
| 40 and Less than 50           | 1.4          |                                           |
| 50 and Less than 70           | 1.6          | Applicable only to Stainless Roller Chain |

| Chain No. | Number of Teeth in Sprocket |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|           | 10                          | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    |
| S10       | 0.032                       | 0.035 | 0.038 | 0.041 | 0.044 | 0.048 | 0.051 | 0.054 | 0.057 | 0.060 | 0.064 | 0.067 | 0.070 | 0.073 | 0.076 | 0.079 | 0.083 | 0.086 | 0.089 | 0.092 | 0.095 |
| 15        | 0.048                       | 0.052 | 0.057 | 0.062 | 0.067 | 0.071 | 0.076 | 0.081 | 0.086 | 0.090 | 0.095 | 0.100 | 0.105 | 0.110 | 0.114 | 0.119 | 0.124 | 0.129 | 0.133 | 0.138 | 0.143 |
| 25        | 0.064                       | 0.070 | 0.076 | 0.083 | 0.089 | 0.095 | 0.102 | 0.108 | 0.114 | 0.121 | 0.127 | 0.133 | 0.140 | 0.146 | 0.152 | 0.159 | 0.165 | 0.171 | 0.178 | 0.184 | 0.191 |
| 35        | 0.095                       | 0.105 | 0.114 | 0.124 | 0.133 | 0.143 | 0.152 | 0.162 | 0.171 | 0.181 | 0.191 | 0.200 | 0.210 | 0.219 | 0.229 | 0.238 | 0.248 | 0.257 | 0.267 | 0.276 | 0.286 |
| 40        | 0.127                       | 0.140 | 0.152 | 0.165 | 0.178 | 0.191 | 0.203 | 0.216 | 0.229 | 0.241 | 0.254 | 0.267 | 0.279 | 0.292 | 0.305 | 0.318 | 0.330 | 0.343 | 0.356 | 0.368 | 0.381 |
| 50        | 0.159                       | 0.175 | 0.191 | 0.206 | 0.222 | 0.238 | 0.254 | 0.270 | 0.286 | 0.302 | 0.318 | 0.333 | 0.349 | 0.365 | 0.381 | 0.397 | 0.413 | 0.429 | 0.445 | 0.460 | 0.476 |
| 60        | 0.191                       | 0.210 | 0.229 | 0.248 | 0.267 | 0.286 | 0.305 | 0.324 | 0.343 | 0.362 | 0.381 | 0.400 | 0.419 | 0.438 | 0.457 | 0.476 | 0.495 | 0.514 | 0.533 | 0.552 | 0.572 |
| 80        | 0.254                       | 0.279 | 0.305 | 0.330 | 0.356 | 0.381 | 0.406 | 0.432 | 0.457 | 0.483 | 0.508 | 0.533 | 0.559 | 0.584 | 0.610 | 0.635 | 0.660 | 0.686 | 0.711 | 0.737 | 0.762 |
| 100       | 0.318                       | 0.349 | 0.381 | 0.413 | 0.445 | 0.476 | 0.508 | 0.540 | 0.572 | 0.603 | 0.635 | 0.667 | 0.669 | 0.730 | 0.762 | 0.794 | 0.826 | 0.857 | 0.889 | 0.921 | 0.953 |
| 120       | 0.381                       | 0.419 | 0.457 | 0.495 | 0.533 | 0.572 | 0.610 | 0.648 | 0.686 | 0.724 | 0.762 | 0.800 | 0.838 | 0.876 | 0.914 | 0.953 | 0.991 | 1.029 | 1.067 | 1.105 | 1.143 |
| 140       | 0.445                       | 0.489 | 0.533 | 0.578 | 0.622 | 0.667 | 0.711 | 0.756 | 0.800 | 0.845 | 0.889 | 0.933 | 0.978 | 1.022 | 1.067 | 1.111 | 1.156 | 1.200 | 1.245 | 1.289 | 1.334 |
| 160       | 0.508                       | 0.559 | 0.610 | 0.660 | 0.711 | 0.762 | 0.813 | 0.864 | 0.914 | 0.965 | 1.016 | 1.067 | 1.118 | 1.168 | 1.219 | 1.270 | 1.321 | 1.372 | 1.422 | 1.473 | 1.524 |
| 200       | 0.635                       | 0.699 | 0.762 | 0.826 | 0.889 | 0.953 | 1.016 | 1.080 | 1.143 | 1.207 | 1.270 | 1.334 | 1.397 | 1.461 | 1.524 | 1.588 | 1.651 | 1.715 | 1.778 | 1.842 | 1.905 |
| 240       | 0.762                       | 0.838 | 0.914 | 0.991 | 1.067 | 1.143 | 1.219 | 1.295 | 1.372 | 1.448 | 1.524 | 1.600 | 1.676 | 1.753 | 1.829 | 1.905 | 1.981 | 2.057 | 2.134 | 2.210 | 2.286 |

Horsepower ratings tables on the Port are based on the following :

- (1) Under normal atmosphere conditions
- (2) Power transmission by single strand chain
- (3) Service factor of Table 4 is 1.0
- (4) Lubrication is appropriate.
- (5) Two shafts to transmit power is horizontal, properly located and installed.
- (6) Load variation is small.

To compensate for the loads imposed on the chain by the type of input power and the type of equipment to be driven, the selection of an appropriate service factor is required. For multiple strand chains, apply a factor of multiple strand factor Table 5.

Table 4 Service Factor

| Basis for service factor   | Driven equipment                                                                                                                                            | Service Factor            |                                                 |                                                    |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------|----------------------------------------------------|
|                            |                                                                                                                                                             | Electric motor or turbine | Internal combustion Engine with hydraulic drive | Internal combustion Engine without hydraulic drive |
| Uniform Load               | Agitators, liquid stock centrifugal blowers, generators, centrifugal pumps, conveyor or elevator uniformly loaded, machinery uniform load and non reversing | 1.0                       | 1.0                                             | 1.2                                                |
| Mild (Moderate) shock load | Centrifugal compressor, kilns and dryers, conveyor and elevator with mild shock load, machinery with moderate pulsating.                                    | 1.3                       | 1.2                                             | 1.4                                                |
| Heavy Shock Load           | Reciprocating compressor, crushers, reciprocating feeder, machinery with severe load or reversing.                                                          | 1.5                       | 1.4                                             | 1.7                                                |

Note: 1. Appropriate lubricant and lubrication should be used. See page 15. The surrounding temperature of -10°C to 60°C is considered normal.  
2. When the surrounding temperature is less than -40°C, use refrigerating machine oil and multiply the service factor above by 2.0.

Table 5 Multiple Strand Factors

| Number of strands | Speed Factor |
|-------------------|--------------|
| 2                 | 1.7          |
| 3                 | 2.5          |
| 4                 | 3.3          |
| 5                 | 3.9          |
| 6                 | 4.6          |

### Chain Pitch

Use the smallest pitch chain that will meet requirements. If single strand chains can not satisfy requirements, use small pitch multiple strand chains. If the center distance should be short and the outside diameter of sprockets be small because of space restrictions, use multiple strand chains and sprockets with large number of teeth.

### Number of Teeth for Small Sprockets

The recommended number of teeth for small sprockets is not less than 17 for a quieter drive with less impact. However, a sprocket with number of around 11 teeth can be used at a slow speed while at a high speed, the recommended number of teeth is not less than 25.

### Hardened Teeth

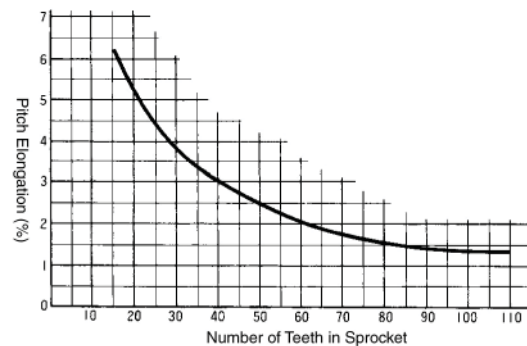
It is advisable to harden sprockets under the following operating conditions:

- SLOW SPEED AND HEAVILY LOADED DRIVES
- HIGH SPEED DRIVES
- LARGE RATIO DRIVES
- ABRASIVE OR CORROSIVE CONDITIONS

Toltec ANSI 35 to 100 B type sprockets are induction hardened.

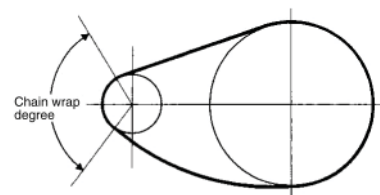
### Teeth of Large Sprockets

As the joint-wear of a roller chain progresses, it tends to jump or ride over the teeth of a sprocket. Chain life based on the joint-wear varies according to the number of teeth in large sprockets as shown in chart below. Generally, the wear life of a roller chain is when the elongation per pitch is in the range of 2 - 3%. In this case, the number of teeth in large sprockets is 40 through 60.



### Minimum Chain Wrap and Drive Ratio

The suggested minimum chain wrap on the small sprocket is not less than 120° to obtain smooth transmission (satisfactory operation). It is recommended therefore that the speed ratio for a single reduction drive be held not to exceed 1:7. If a large speed ratio is required, double reduction drive should be used.





# Selection on Special Applications



## Sprocket Bore Diameter

Make sure the bore capacity of the sprocket selected will accommodate the shaft. If the sprocket selected does not accommodate the shaft, select a different number of teeth. If you can not change the number of teeth in the sprocket, review the shaft dia. and max. bore. The max bore is obtained using the formula.

$$\text{Max. bore} = P \left( \cot \frac{180}{N} - 1 \right) - 0.76$$

P = Chain pitch N = Number of teeth

## Variation in Chain Speed due to Chordal Action

A roller chain that engages a sprocket forms a polygon. The (position) chain rises and falls, and a variation in chain speed occurs. The greater the number of teeth, the less will be the speed variation. The speed variation is reduced as the number of teeth on a small sprocket increases. A less speed variation is obtained as the number of teeth exceeds 25 as shown below.

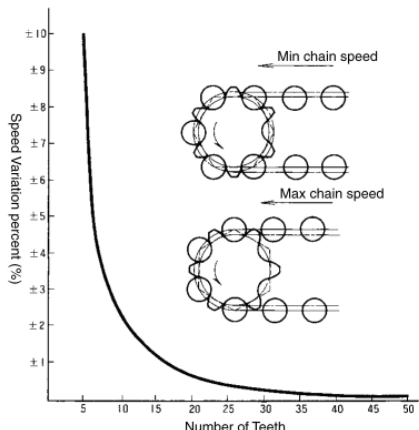
## Service Factor

For normal transmission, service factor Table 4 is used. However, under the following operating conditions, increase the service factors for better transmission.

- Frequent starts and stops
- Insufficient lubrication
- Shaft center distance is short
- A drive arrangement is vertical with a small sprocket located below
- Driven sprockets are more than two
- Reversing
- Load periodically varies

## Number of Links of Chain and Connecting Link

We recommend that you use a chain length with an even number of pitches in order not to use an offset link. For low speed as shown in page 11 on low speed chain selection, we suggest chain endless is used without the use of a connecting or offset link. The fatigue strength (allowable load) of a connecting link and an offset link is lower than that of plain chain.



## Length of Chain

If the type of chain and sprockets are determined on the basis of the selection method of roller chain drives and the shaft center distance is decided, the required length of chain is computed using the following formula and Table K factors.

$$L = \frac{N + n}{2} + 2C + \frac{K}{C}$$

L = CHAIN LENGTH, PITCHES

N = NUMBER OF TEETH IN LARGE SPROCKET

n = NUMBER OF TEETH IN SMALL SPROCKET

C = SHAFT CENTER, PITCHES

K = DETERMINE THE VALUE N-n, AND OBTAIN K FROM TABLE 6 K FACTORS

The number of pitches is obtained by omitting fractions.

When L is an odd number, an offset link is required.

We recommend that you avoid using an offset link.

When possible, an even number of pitches by changing the shaft center distance or number of teeth on the sprocket is used.

## Shaft Center Distance

If the length of chain and the number of teeth in the sprockets have already been determined, the shaft center distance is calculated using the following formula:

$$C = \frac{1}{8} \left( 2L - N - n + \sqrt{(2L - N - n)^2 - 0.811(N - n)^2} \right)$$

C is Number of pitches

## Chain Speed and Load on Chain

1. Chain speed is easily obtained from Table 2 chain speed per one rpm of sprocket. The number of teeth on sprockets other than those on the Table 2 is obtained using the following formula:

$$V = \frac{P \cdot N \cdot n}{1,000} \text{ (m/Min.)}$$

V = CHAIN SPEED ( M/MIN)

P = CHAIN PITCH ( MM)

N = NUMBER OF TEETH IN SPROCKET

n = RPM OF SPROCKET

2. Load on chain is found by the following formula:

$$F = \frac{4.567HP}{V} \text{ (kg)}$$

F = Load on chain (kg)

V = Chain speed (m/min.)

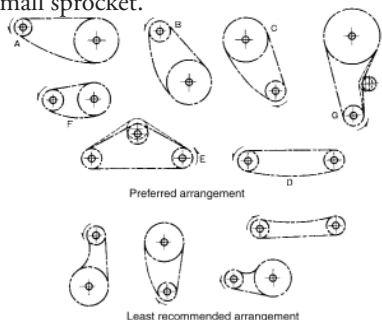
Note : In case of starts and braking of an electric motor, inertia takes place, and a larger load than the normal output horsepower of the motor may impose on chain.

Table 6 Factors K

| N-n | K    | N-n | K     | N-n | K     | N-n | K      | N-n | K      | N-n | K      | N-n | K      | N-n | K      | N-n | K      | N-n | K      |
|-----|------|-----|-------|-----|-------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 1   | 0.03 | 20  | 10.13 | 39  | 38.53 | 58  | 85.21  | 77  | 150.18 | 96  | 233.44 | 115 | 334.99 | 134 | 454.83 | 153 | 592.96 | 172 | 749.37 |
| 2   | 0.10 | 21  | 11.17 | 40  | 40.53 | 59  | 88.17  | 78  | 154.11 | 97  | 238.33 | 116 | 340.84 | 135 | 461.64 | 154 | 600.73 | 173 | 758.11 |
| 3   | 0.23 | 22  | 12.26 | 41  | 42.58 | 60  | 91.19  | 79  | 158.09 | 98  | 243.27 | 117 | 346.75 | 136 | 468.51 | 155 | 608.56 | 174 | 766.90 |
| 4   | 0.41 | 23  | 13.40 | 42  | 44.68 | 61  | 94.25  | 80  | 162.11 | 99  | 248.26 | 118 | 352.70 | 137 | 475.42 | 156 | 616.44 | 175 | 775.74 |
| 5   | 0.63 | 24  | 14.59 | 43  | 46.84 | 62  | 97.37  | 81  | 166.19 | 100 | 253.30 | 119 | 358.70 | 138 | 482.39 | 157 | 624.37 | 176 | 784.63 |
| 6   | 0.91 | 25  | 15.83 | 44  | 49.04 | 63  | 100.54 | 82  | 170.32 | 101 | 258.39 | 120 | 364.76 | 139 | 489.41 | 158 | 632.35 | 177 | 793.57 |
| 7   | 1.24 | 26  | 17.12 | 45  | 51.29 | 64  | 103.75 | 83  | 174.50 | 102 | 263.54 | 121 | 370.86 | 140 | 496.47 | 159 | 640.38 | 178 | 802.57 |
| 8   | 1.62 | 27  | 18.47 | 46  | 53.60 | 65  | 107.02 | 84  | 178.73 | 103 | 268.73 | 122 | 377.02 | 141 | 503.59 | 160 | 648.46 | 179 | 811.61 |
| 9   | 2.05 | 28  | 19.86 | 47  | 55.95 | 66  | 110.34 | 85  | 183.01 | 104 | 273.97 | 123 | 383.22 | 142 | 510.76 | 161 | 656.59 | 180 | 820.70 |
| 10  | 2.53 | 29  | 21.30 | 48  | 58.36 | 67  | 113.71 | 86  | 187.34 | 105 | 279.27 | 124 | 389.48 | 143 | 517.98 | 162 | 664.77 | 181 | 829.85 |
| 11  | 3.06 | 30  | 22.80 | 49  | 60.82 | 68  | 117.13 | 87  | 191.73 | 106 | 284.67 | 125 | 395.79 | 144 | 525.25 | 163 | 673.00 | 182 | 839.04 |
| 12  | 3.65 | 31  | 24.34 | 50  | 63.33 | 69  | 120.60 | 88  | 196.16 | 107 | 290.01 | 126 | 402.14 | 145 | 532.57 | 164 | 681.28 | 183 | 848.29 |
| 13  | 4.28 | 32  | 25.94 | 51  | 65.88 | 70  | 124.12 | 89  | 200.64 | 108 | 295.45 | 127 | 408.55 | 146 | 539.94 | 165 | 689.62 | 184 | 857.58 |
| 14  | 4.96 | 33  | 27.58 | 52  | 68.49 | 71  | 127.69 | 90  | 205.18 | 109 | 300.95 | 128 | 415.01 | 147 | 547.36 | 166 | 698.00 | 185 | 866.93 |
| 15  | 5.70 | 34  | 29.28 | 53  | 71.15 | 72  | 131.31 | 91  | 209.76 | 110 | 306.50 | 129 | 421.52 | 148 | 554.83 | 167 | 706.44 | —   | —      |
| 16  | 6.48 | 35  | 31.03 | 54  | 73.86 | 73  | 134.99 | 92  | 214.40 | 111 | 312.09 | 130 | 428.08 | 149 | 562.36 | 168 | 714.92 | —   | —      |
| 17  | 7.32 | 36  | 32.83 | 55  | 76.62 | 74  | 138.71 | 93  | 219.08 | 112 | 317.74 | 131 | 434.69 | 150 | 569.93 | 169 | 723.46 | —   | —      |
| 18  | 8.21 | 37  | 34.68 | 56  | 79.44 | 75  | 142.48 | 94  | 223.82 | 113 | 323.44 | 132 | 441.36 | 151 | 577.56 | 170 | 732.05 | —   | —      |
| 19  | 9.14 | 38  | 36.58 | 57  | 82.30 | 76  | 146.31 | 95  | 228.61 | 114 | 329.19 | 133 | 448.07 | 152 | 585.23 | 171 | 740.68 | —   | —      |

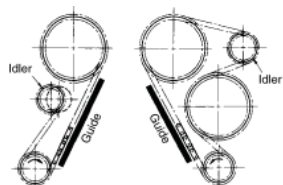
### Installation and Arrangement

The arrangements A, B and C are preferred, and will operate satisfactorily in either direction. If the least recommended arrangements are necessary due to application realities, chain tensioners or some other means are required. In case a shaft center distance is short, the frequency of chain rotations increases and the chain is inclined to elongate faster. In general, a preferred center distance is 30 to 50 times chain pitches. A minimum center distance should be sufficient to give clearance between the teeth of the two sprockets. The minimum center distance should be not less than the diameter of the large sprocket plus one half the diameter of the small sprocket.



### Prevention of Chain Vibration

If a vibration takes place due to transmission conditions, please install a guide.

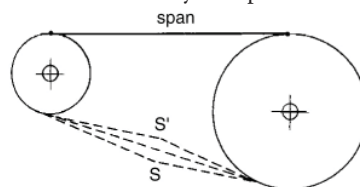


### Chain Sag

The amount of chain sag (SS') is generally 4% of the span. The sag should be 2% of the span for the following applications:

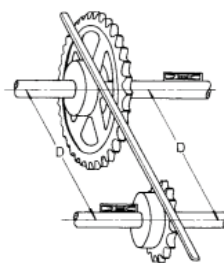
- (1) Drive arrangements are vertical or similar.
- (2) Heavy load and frequent starts.
- (3) Shaft center distance is more than one meter.
- (4) Travel direction of chain is often reversed.

In case chain elongates, the center distance is adjusted by moving one shaft. It is convenient, therefore, that one shaft is made movable from the center distance by two percent.



### Aligning Shafts and Sprockets

The distance D of two shafts should be the same and the two shafts should be aligned horizontally. Apply a straight edge to the sprocket surfaces to see if two sprockets are in the same plane.



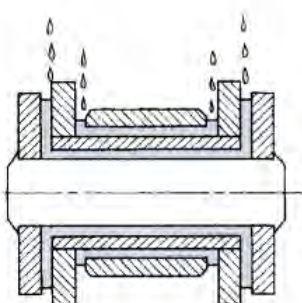
# Lubrication



The long service life of chain depends highly on lubrication. An optimum lubrication is an important factor in obtaining a desired life of chain. Please use the lubrication types as shown in the Horsepower ratings table.

## Application of lubricant to chains

Apply oil as shown so that oil will arrive at bearing surfaces of chain and an oil film will be maintained among the pin, bushing and roller. The amount of wear is reduced and the life of chain is prolonged.



## Selection of the lubricant

Use only high quality oil. The lubricants suggested for specific temperature ranges are shown in the following selection table.

Selection Table (Viscosity)

| SURROUNDING TEMPERATURE C | SAE VISCOSITY NUMBER |
|---------------------------|----------------------|
| -10°C THRU 0°C            | SAE 20               |
| 0°C THRU 40°C             | 30                   |
| 40°C THRU 50°C            | 40                   |
| 50°C THRU 60°C            | 50                   |

Note:

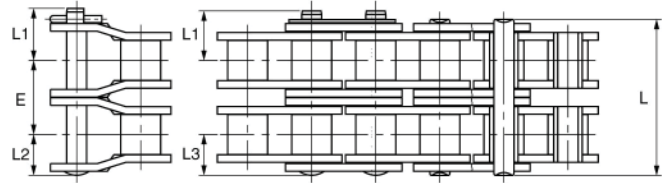
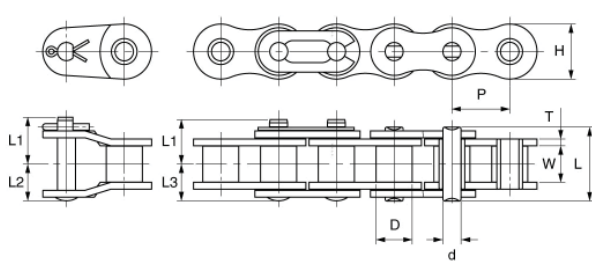
- (1) For manual lubrication, if oil drips from chain, use a high viscosity lubricant.
- (2) If the surrounding temperature is less than -10°C it is recommended to use refrigerating machine oil.
- (3) If the surrounding temperature is not less than 60, please consult us.

## Type of Lubrication

|     |  |                                                                                                                                                                                                       |
|-----|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I   |  | Manual lubrication<br>Oil is applied with a brush or oil can. Every 4 to 8 hours, the oil should be applied to between link plates in the lower span of the chain.                                    |
|     |  | Drip feed lubrication<br>A simple casing is required. About twenty drops of oil per minute are distributed from a drip lubricator between the link plates.                                            |
| II  |  | Oil bath lubrication<br>A leak-proof casing is required. The chain dips into an oil reservoir. The sprockets should dip into the oil one half inch. If the sprocket dips too deep, heat is generated. |
|     |  | Disc lubrication<br>A leak proof casing is required. The chain operates above the oil level. The disc should dip into the oil one half to one inch.                                                   |
| III |  | Pump lubrication<br>A leak proof casing is required. The oil is circulated with a pump and the oil should be cooled.                                                                                  |

Chain drives should be inspected at intervals to assure that the lubrication is functioning properly. If the chain and bushing is discolored, grooved or galled, the chain will not be sufficiently lubricated. For better lubrication, inspect the chain after it is periodically removed and washed with kerosine.

## Chain No. 25 .250"/6.35mm Pitch ANSI Roller Chain



| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       |       | Pin Diam | Pin   |       |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|-------|----------|-------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d     | L        | L1    | L2    | L3    | E     | Lb/kg       | Lb/kg                    | Lb/ft             | kg/m          |
| 25        | 25       | 0.250 | 0.130        | 0.126              | 0.230      | 0.030 | 0.091 | 0.307    | 0.189 | 0.162 | 0.154 | 0.252 | 1,058       | 154                      | 0.087             |               |
|           |          | 6.35  | 3.3          | 3.2                | 5.85       | 0.75  | 2.30  | 7.8      | 4.8   | 4.1   | 3.9   | 6.4   | 480         | 70                       | 0.13              |               |
| 25-2      | 25-2     | 0.250 | 0.130        | 0.126              | 0.230      | 0.030 | 0.091 | 0.563    | 0.189 | 0.162 | 0.154 | 0.252 | 2,117       | 243                      | 0.180             |               |
|           |          | 6.35  | 3.3          | 3.2                | 5.85       | 0.75  | 2.30  | 14.3     | 4.8   | 4.1   | 3.9   | 6.4   | 960         | 110                      | 0.27              |               |

1. Chain is rollerless. Available only in riveted construction.

Note: Dimensions subject to change. Certified dimensions furnished upon request.

### Horsepower Ratings Single Strand Roller Chain

| No. of<br>Teeth<br>Small<br>Spkt. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |        |  |
|-----------------------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--|
|                                   | 50                                    | 100  | 300  | 500  | 700  | 900  | 1200 | 1500 | 1800 | 2100 | 2500 | 3000 | 3500 | 400  | 4500 | 5000 | 5500 | 6000 | 6500 | 7000 | 7500 | 8000 | 8500 | 9000 | 10,000 |  |
| 11                                | 0.03                                  | 0.05 | 0.14 | 0.23 | 0.31 | 0.39 | 0.50 | 0.62 | 0.73 | 0.83 | 0.98 | 1.15 | 1.32 | 1.38 | 1.16 | 0.99 | 0.86 | 0.75 | 0.67 | 0.60 | 0.54 | 0.49 | 0.45 | 0.41 | 0.35   |  |
| 12                                | 0.03                                  | 0.06 | 0.16 | 0.25 | 0.34 | 0.43 | 0.55 | 0.68 | 0.80 | 0.92 | 1.07 | 1.26 | 1.45 | 1.57 | 1.32 | 1.12 | 0.97 | 0.86 | 0.76 | 0.68 | 0.61 | 0.56 | 0.51 | 0.47 | 0.40   |  |
| 13                                | 0.04                                  | 0.06 | 0.17 | 0.27 | 0.37 | 0.47 | 0.60 | 0.74 | 0.87 | 1.00 | 1.17 | 1.38 | 1.58 | 1.77 | 1.49 | 1.27 | 1.10 | 0.96 | 0.86 | 0.77 | 0.69 | 0.63 | 0.57 | 0.53 | 0.45   |  |
| 14                                | 0.04                                  | 0.07 | 0.19 | 0.30 | 0.40 | 0.50 | 0.65 | 0.80 | 0.94 | 1.08 | 1.27 | 1.49 | 1.71 | 1.93 | 1.66 | 1.42 | 1.23 | 1.08 | 0.96 | 0.86 | 0.77 | 0.70 | 0.64 | 0.59 | 0.50   |  |
| 15                                | 0.04                                  | 0.07 | 0.20 | 0.32 | 0.43 | 0.54 | 0.70 | 0.86 | 1.01 | 1.17 | 1.36 | 1.61 | 1.85 | 2.08 | 1.84 | 1.57 | 1.36 | 1.20 | 1.06 | 0.95 | 0.86 | 0.78 | 0.71 | 0.65 | 0.56   |  |
| 16                                | 0.04                                  | 0.08 | 0.22 | 0.34 | 0.47 | 0.58 | 0.76 | 0.92 | 1.09 | 1.25 | 1.46 | 1.72 | 1.98 | 2.23 | 2.03 | 1.73 | 1.50 | 1.32 | 1.17 | 1.05 | 0.94 | 0.86 | 0.78 | 0.72 | 0.61   |  |
| 17                                | 0.05                                  | 0.08 | 0.23 | 0.37 | 0.50 | 0.62 | 0.81 | 0.99 | 1.16 | 1.33 | 1.56 | 1.84 | 2.11 | 2.38 | 2.22 | 1.90 | 1.64 | 1.44 | 1.28 | 1.14 | 1.03 | 0.94 | 0.86 | 0.79 | 0.67   |  |
| 18                                | 0.05                                  | 0.09 | 0.25 | 0.39 | 0.53 | 0.66 | 0.86 | 1.05 | 1.24 | 1.42 | 1.66 | 1.96 | 2.25 | 2.53 | 2.42 | 2.07 | 1.79 | 1.57 | 1.39 | 1.25 | 1.12 | 1.02 | 0.93 | 0.86 | 0.73   |  |
| 19                                | 0.05                                  | 0.09 | 0.26 | 0.41 | 0.56 | 0.70 | 0.91 | 1.11 | 1.31 | 1.50 | 1.76 | 2.07 | 2.38 | 2.69 | 2.62 | 2.24 | 1.94 | 1.70 | 1.51 | 1.35 | 1.22 | 1.11 | 1.01 | 0.93 | 0.79   |  |
| 20                                | 0.06                                  | 0.10 | 0.28 | 0.44 | 0.59 | 0.74 | 0.96 | 1.17 | 1.38 | 1.59 | 1.86 | 2.19 | 2.52 | 2.84 | 2.83 | 2.42 | 2.10 | 1.84 | 1.63 | 1.46 | 1.32 | 1.20 | 1.09 | 1.00 | 0.86   |  |
| 21                                | 0.06                                  | 0.11 | 0.29 | 0.46 | 0.62 | 0.78 | 1.01 | 1.24 | 1.46 | 1.68 | 1.96 | 2.31 | 2.66 | 2.99 | 3.05 | 2.60 | 2.26 | 1.98 | 1.76 | 1.57 | 1.42 | 1.29 | 1.17 | 1.08 | 0.92   |  |
| 22                                | 0.06                                  | 0.11 | 0.31 | 0.48 | 0.66 | 0.82 | 1.07 | 1.30 | 1.53 | 1.76 | 2.06 | 2.43 | 2.79 | 3.15 | 3.27 | 2.79 | 2.42 | 2.12 | 1.88 | 1.69 | 1.52 | 1.38 | 1.26 | 1.16 | 0.99   |  |
| 23                                | 0.06                                  | 0.12 | 0.32 | 0.51 | 0.69 | 0.86 | 1.12 | 1.37 | 1.61 | 1.85 | 2.16 | 2.55 | 2.93 | 3.30 | 3.50 | 2.98 | 2.59 | 2.27 | 2.01 | 1.80 | 1.62 | 1.47 | 1.35 | 1.24 | 1.06   |  |
| 24                                | 0.07                                  | 0.13 | 0.34 | 0.53 | 0.72 | 0.90 | 1.17 | 1.43 | 1.69 | 1.94 | 2.27 | 2.67 | 3.07 | 3.46 | 3.73 | 3.18 | 2.76 | 2.42 | 2.15 | 1.92 | 1.73 | 1.57 | 1.44 | 1.32 | 1.12   |  |
| 25                                | 0.07                                  | 0.13 | 0.35 | 0.56 | 0.75 | 0.94 | 1.22 | 1.50 | 1.76 | 2.02 | 2.37 | 2.79 | 3.21 | 3.61 | 3.96 | 3.38 | 2.93 | 2.57 | 2.28 | 2.04 | 1.84 | 1.67 | 1.53 | 1.40 | 1.20   |  |
| 26                                | 0.07                                  | 0.14 | 0.37 | 0.58 | 0.79 | 0.98 | 1.28 | 1.56 | 1.84 | 2.11 | 2.47 | 2.91 | 3.34 | 3.77 | 4.19 | 3.59 | 3.11 | 2.73 | 2.42 | 2.17 | 1.95 | 1.77 | 1.62 | 1.49 | 1.27   |  |
| 28                                | 0.08                                  | 0.15 | 0.40 | 0.63 | 0.85 | 1.07 | 1.38 | 1.69 | 1.99 | 2.29 | 2.68 | 3.15 | 3.62 | 4.09 | 4.54 | 4.01 | 3.47 | 3.05 | 2.70 | 2.42 | 2.18 | 1.98 | 1.81 | 1.66 | 1.42   |  |
| 30                                | 0.08                                  | 0.16 | 0.43 | 0.68 | 0.92 | 1.15 | 1.49 | 0.82 | 2.15 | 2.46 | 2.88 | 3.40 | 3.90 | 4.40 | 4.89 | 4.45 | 3.85 | 3.38 | 3.00 | 2.68 | 2.42 | 2.20 | 2.01 | 1.84 | 1.57   |  |
| 32                                | 0.09                                  | 0.17 | 0.46 | 0.73 | 0.98 | 1.23 | 1.60 | 1.95 | 2.30 | 2.64 | 3.09 | 3.64 | 4.18 | 4.72 | 5.25 | 4.90 | 4.25 | 3.73 | 3.30 | 2.96 | 2.67 | 2.42 | 2.21 | 2.03 | 1.73   |  |
| 35                                | 0.10                                  | 0.19 | 0.51 | 0.80 | 1.08 | 1.36 | 1.76 | 2.15 | 2.53 | 2.91 | 3.41 | 4.01 | 4.61 | 5.20 | 5.78 | 5.60 | 4.86 | 4.26 | 3.78 | 3.38 | 3.05 | 2.77 | 2.53 | 2.32 | 1.98   |  |
| 40                                | 0.12                                  | 0.22 | 0.58 | 0.92 | 1.25 | 1.57 | 2.03 | 2.48 | 2.93 | 3.36 | 3.93 | 4.64 | 5.32 | 6.00 | 6.68 | 6.85 | 5.93 | 5.21 | 4.62 | 4.13 | 3.73 | 3.38 | 3.09 | 2.83 | 2.42   |  |
| Lubri-<br>cation                  | I                                     |      |      |      | II   |      |      |      |      |      |      |      |      |      | III  |      |      |      |      |      |      |      |      |      |        |  |

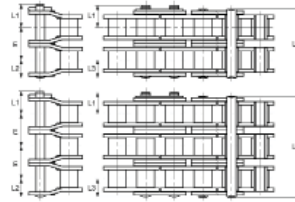
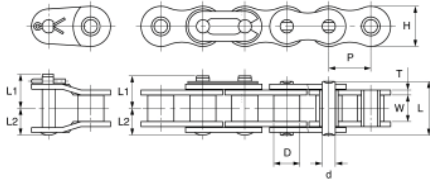
See page 88 for lubrication type.

For horsepower ratings of multiple strand, multiply the horsepower above by multiple strand factor on page 85.

Note: Dimensions subject to change. Certified dimensions furnished upon request.

# Chain No. 35 .375"/9.525mm Pitch ANSI Roller Chain

**TOLTEC**  
INCORPORATED



UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin   |       |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|-------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L     | L1    | L2    | L3    | E           | Lb/kg                    | Lb/kg             | Lb/ft kg/m    |
| 35        | 35       | 0.375 | 0.200        | 0.189              | 0.355      | 0.049 | 0.141    | 0.461 | 0.264 | 0.252 | 0.240 | 0.398       | 2,602                    | 419               | 0.242         |
|           |          | 9.525 | 5.08         | 4.8                | 9.0        | 1.25  | 3.58     | 11.7  | 6.7   | 6.4   | 6.1   | 10.1        | 1,180                    | 190               | 0.36          |
| 35-2      | 35-2     | 0.375 | 0.200        | 0.189              | 0.355      | 0.049 | 0.141    | 0.863 | 0.264 | 0.252 | 0.240 | 0.398       | 5,204                    | 706               | 0.470         |
|           |          | 9.525 | 5.08         | 4.8                | 9.0        | 1.25  | 3.58     | 21.9  | 6.7   | 6.4   | 6.1   | 10.1        | 2,360                    | 320               | 0.70          |
| 35-3      | 35-3     | 0.375 | 0.200        | 0.189              | 0.355      | 0.049 | 0.141    | 1.261 | 0.264 | 0.252 | 0.240 | 0.398       | 7,806                    | 1,036             | 0.692         |
|           |          | 9.525 | 5.08         | 4.8                | 9.0        | 1.25  | 3.58     | 32.0  | 6.7   | 6.4   | 6.1   | 10.1        | 3,540                    | 470               | 1.03          |
| 35-4      | 35-4     | 0.375 | 0.200        | 0.189              | 0.355      | 0.049 | 0.141    | 1.659 | 0.264 | 0.252 | 0.240 | 0.398       | 10,408                   | 1,367             | 0.921         |
|           |          | 9.525 | 5.08         | 4.8                | 9.0        | 1.25  | 3.58     | 42.1  | 6.7   | 6.4   | 6.1   | 10.1        | 4,720                    | 620               | 1.37          |

1. Chain is rollerless. Available only in riveted construction.

Note: Dimensions subject to change. Certified dimensions furnished upon request.

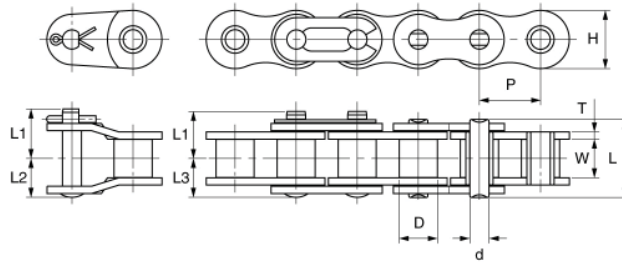
## Horsepower Ratings Single Strand Roller Chain

| No.<br>of<br>Teeth<br>Small<br>Splt. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |        |
|--------------------------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
|                                      | 50                                    | 100  | 300  | 500  | 700  | 900  | 1200 | 1500 | 1800 | 2100 | 2500 | 3000 | 3500 | 400  | 4500 | 5000 | 5500 | 6000 | 6500 | 7000 | 7500 | 8000 | 8500 | 9000 | 10,000 |
| 11                                   | 0.10                                  | 0.18 | 0.49 | 0.77 | 1.05 | 1.31 | 1.70 | 2.08 | 2.45 | 2.82 | 3.30 | 2.94 | 2.33 | 1.91 | 1.60 | 1.37 | 1.18 | 1.04 | 0.92 | 0.82 | 0.74 | 0.67 | 0.62 | 0.57 | 0.48   |
| 12                                   | 0.11                                  | 0.20 | 0.54 | 0.85 | 1.15 | 1.44 | 1.87 | 2.29 | 2.70 | 3.10 | 3.62 | 3.35 | 2.66 | 2.17 | 1.82 | 1.56 | 1.35 | 1.18 | 1.05 | 0.94 | 0.85 | 0.77 | 0.70 | 0.64 | 0.55   |
| 13                                   | 0.12                                  | 0.22 | 0.59 | 0.93 | 1.26 | 1.57 | 2.04 | 2.49 | 2.94 | 3.38 | 3.95 | 3.77 | 3.00 | 2.45 | 2.05 | 1.75 | 1.52 | 1.33 | 1.18 | 1.06 | 0.95 | 0.87 | 0.79 | 0.73 | 0.62   |
| 14                                   | 0.13                                  | 0.24 | 0.63 | 1.01 | 1.36 | 1.71 | 2.21 | 2.70 | 3.18 | 3.66 | 4.28 | 4.22 | 3.35 | 2.74 | 2.30 | 1.96 | 1.70 | 1.49 | 1.32 | 1.18 | 1.07 | 0.97 | 0.88 | 0.81 | 0.69   |
| 15                                   | 0.14                                  | 0.25 | 0.68 | 1.08 | 1.47 | 1.84 | 2.38 | 2.91 | 3.43 | 3.94 | 4.61 | 4.68 | 3.71 | 3.04 | 2.55 | 2.17 | 1.88 | 1.65 | 1.47 | 1.31 | 1.18 | 1.07 | 0.98 | 0.90 | 0.77   |
| 16                                   | 0.15                                  | 0.27 | 0.73 | 1.16 | 1.57 | 1.97 | 2.55 | 3.12 | 3.68 | 4.22 | 4.94 | 5.15 | 4.09 | 3.35 | 2.81 | 2.40 | 2.08 | 1.82 | 1.62 | 1.45 | 1.30 | 1.18 | 1.08 | 0.99 | 0.85   |
| 17                                   | 0.16                                  | 0.29 | 0.78 | 1.24 | 1.68 | 2.10 | 2.73 | 3.33 | 3.93 | 4.51 | 5.28 | 5.64 | 4.48 | 3.67 | 3.07 | 2.62 | 2.27 | 2.00 | 1.77 | 1.58 | 1.43 | 1.30 | 1.18 | 1.09 | 0.93   |
| 18                                   | 0.17                                  | 0.31 | 0.83 | 1.32 | 1.78 | 2.24 | 2.90 | 3.54 | 4.18 | 4.80 | 5.61 | 6.15 | 4.88 | 3.99 | 3.35 | 2.86 | 2.48 | 2.17 | 1.93 | 1.73 | 1.56 | 1.41 | 1.29 | 1.18 | 1.01   |
| 19                                   | 0.18                                  | 0.33 | 0.88 | 1.40 | 1.89 | 2.37 | 3.07 | 3.76 | 4.43 | 5.09 | 5.95 | 6.67 | 5.29 | 4.33 | 3.63 | 3.10 | 2.69 | 2.36 | 2.09 | 1.87 | 1.69 | 1.53 | 1.40 | 1.28 | 1.10   |
| 20                                   | 0.19                                  | 0.35 | 0.93 | 1.48 | 2.00 | 2.51 | 3.25 | 3.97 | 4.68 | 5.38 | 6.29 | 7.20 | 5.72 | 4.68 | 3.92 | 3.35 | 2.90 | 2.55 | 2.26 | 2.02 | 1.82 | 1.65 | 1.51 | 1.39 | 1.18   |
| 21                                   | 0.20                                  | 0.37 | 0.98 | 1.56 | 2.11 | 2.64 | 3.42 | 4.19 | 4.93 | 5.67 | 6.63 | 7.75 | 6.15 | 5.03 | 4.22 | 3.60 | 3.12 | 2.74 | 2.43 | 2.17 | 1.96 | 1.78 | 1.62 | 1.49 | 1.27   |
| 22                                   | 0.21                                  | 0.38 | 1.03 | 1.64 | 2.22 | 2.78 | 3.60 | 4.40 | 5.19 | 5.96 | 6.97 | 8.21 | 6.59 | 5.40 | 4.52 | 3.86 | 3.35 | 2.94 | 2.61 | 2.33 | 2.10 | 1.91 | 1.74 | 1.60 | 1.37   |
| 23                                   | 0.22                                  | 0.40 | 1.08 | 1.72 | 2.33 | 2.92 | 3.78 | 4.62 | 5.44 | 6.25 | 7.31 | 8.62 | 7.05 | 5.77 | 4.83 | 4.13 | 3.58 | 3.14 | 2.79 | 2.49 | 2.25 | 2.04 | 1.86 | 1.71 | 1.46   |
| 24                                   | 0.23                                  | 0.42 | 0.14 | 1.80 | 2.44 | 3.05 | 3.96 | 4.84 | 5.70 | 6.55 | 7.66 | 9.02 | 7.51 | 6.15 | 5.15 | 4.40 | 3.81 | 3.35 | 2.97 | 2.66 | 2.40 | 2.17 | 1.99 | 1.82 | 1.56   |
| 25                                   | 0.24                                  | 0.44 | 1.19 | 1.88 | 2.55 | 3.19 | 4.13 | 5.05 | 5.95 | 6.84 | 8.00 | 9.43 | 7.99 | 6.54 | 5.48 | 4.68 | 4.05 | 3.56 | 3.16 | 2.82 | 2.55 | 2.31 | 2.11 | 1.94 | 1.65   |
| 26                                   | 0.25                                  | 0.46 | 1.24 | 1.96 | 2.66 | 3.33 | 4.31 | 5.27 | 6.21 | 7.14 | 8.35 | 9.84 | 8.47 | 6.93 | 5.81 | 4.96 | 4.30 | 3.77 | 3.35 | 3.00 | 2.70 | 2.45 | 2.24 | 2.05 | 1.75   |
| 28                                   | 0.27                                  | 0.50 | 1.34 | 2.12 | 2.88 | 3.61 | 4.67 | 5.71 | 6.73 | 7.73 | 9.05 | 10.7 | 9.47 | 7.75 | 6.49 | 5.55 | 4.81 | 4.22 | 3.74 | 3.35 | 3.02 | 2.74 | 2.50 | 2.30 | 1.96   |
| 30                                   | 0.29                                  | 0.54 | 1.45 | 2.29 | 3.10 | 3.89 | 5.03 | 6.15 | 7.25 | 8.33 | 9.74 | 11.5 | 10.5 | 8.59 | 7.20 | 6.15 | 5.33 | 4.68 | 4.15 | 3.71 | 3.35 | 3.04 | 2.77 | 2.55 | 2.17   |
| 32                                   | 0.31                                  | 0.58 | 1.55 | 2.45 | 3.32 | 4.17 | 5.40 | 6.60 | 7.77 | 8.93 | 10.4 | 12.3 | 11.6 | 9.47 | 7.93 | 6.77 | 5.87 | 5.15 | 4.57 | 4.09 | 3.69 | 3.35 | 3.06 | 2.81 | 0      |
| 35                                   | 0.34                                  | 0.64 | 1.71 | 2.70 | 3.66 | 4.59 | 5.95 | 7.27 | 8.56 | 9.84 | 11.5 | 13.6 | 13.2 | 10.8 | 9.08 | 7.75 | 6.72 | 5.90 | 5.23 | 4.68 | 4.22 | 3.83 | 3.50 | 3.21 | 0      |
| 40                                   | 0.39                                  | 0.73 | 1.97 | 3.12 | 4.23 | 5.30 | 6.87 | 8.40 | 9.89 | 11.4 | 13.3 | 15.7 | 16.2 | 13.2 | 11.1 | 9.47 | 8.21 | 7.20 | 6.39 | 5.72 | 5.15 | 4.68 | 0    | -    | -      |
| Lubri-<br>cation                     | I                                     |      | II   |      |      |      |      |      |      |      | III  |      |      |      |      |      |      |      |      |      |      |      |      |      |        |

See page 88. for lubrication type.

For horsepower ratings of multiple strand, multiply the horsepower above by multiple strand factor on page 85.

Note: Dimensions subject to change. Certified dimensions furnished upon request.



UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin   |       |       | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|-------|-------|-------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L     | L1    | L2    | Lb/kg                    | Lb/kg             | Lb/ft kg/m    |
| 41        | 41       | 0.500 | 0.306        | 0.252              | 0.382      | 0.049 | 0.141    | 0.524 | 0.315 | 0.268 | 2,392                    | 463               | 0.273         |
|           |          | 12.70 | 7.77         | 6.4                | 9.7        | 1.25  | 3.58     | 13.3  | 8.0   | 6.8   | 1,090                    | 210               | 0.41          |

1. No multiple strand is available.

2. Available only in riveted construction.

Note: Dimensions subject to change. Certified dimensions furnished upon request.

### Horsepower Ratings Single Strand Roller Chain

| No. of<br>Teeth<br>Small<br>Spkt. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                   | 10                                    | 25   | 50   | 100  | 200  | 300  | 400  | 500  | 700  | 900  | 1000 | 1200 | 1400 | 1600 | 1800 | 2100 | 2400 | 2700 | 3000 | 3500 | 4000 | 5000 | 6000 | 7000 | 8000 |
| 11                                | 0.03                                  | 0.07 | 0.13 | 0.24 | 0.44 | 0.64 | 0.82 | 1.01 | 1.37 | 1.71 | 1.88 | 1.71 | 1.36 | 1.11 | 0.93 | 0.74 | 0.61 | 0.51 | 0.43 | 0.34 | 0.28 | 0.20 | 0.15 | 0.12 | 0.10 |
| 12                                | 0.03                                  | 0.07 | 0.14 | 0.26 | 0.49 | 0.70 | 0.91 | 1.11 | 1.50 | 1.88 | 2.07 | 1.95 | 1.55 | 1.27 | 1.06 | 0.84 | 0.69 | 0.58 | 0.49 | 0.39 | 0.32 | 0.23 | 0.17 | 0.14 | 0.11 |
| 13                                | 0.04                                  | 0.08 | 0.15 | 0.28 | 0.53 | 0.76 | 0.99 | 1.21 | 1.63 | 2.05 | 2.25 | 2.20 | 1.75 | 1.43 | 1.20 | 0.95 | 0.78 | 0.65 | 0.56 | 0.44 | 0.36 | 0.26 | 0.20 | 0.16 | 0.13 |
| 14                                | 0.04                                  | 0.09 | 0.16 | 0.31 | 0.57 | 0.83 | 1.07 | 1.31 | 1.77 | 2.22 | 2.44 | 2.46 | 1.95 | 1.60 | 1.34 | 1.06 | 0.87 | 0.73 | 0.62 | 0.49 | 0.40 | 0.29 | 0.22 | 0.17 | 0.14 |
| 15                                | 0.04                                  | 0.09 | 0.18 | 0.33 | 0.62 | 0.89 | 1.15 | 1.41 | 1.91 | 2.39 | 2.63 | 2.73 | 2.17 | 1.77 | 1.49 | 1.18 | 0.96 | 0.81 | 0.69 | 0.55 | 0.45 | 0.32 | 0.24 | 0.19 | 0.16 |
| 16                                | 0.04                                  | 0.10 | 0.19 | 0.36 | 0.66 | 0.95 | 1.24 | 1.51 | 2.05 | 2.57 | 2.82 | 3.01 | 2.39 | 1.95 | 1.64 | 1.30 | 1.06 | 0.89 | 0.76 | 0.60 | 0.49 | 0.35 | 0.27 | 0.21 | 0.17 |
| 17                                | 0.05                                  | 0.11 | 0.20 | 0.38 | 0.71 | 1.02 | 1.32 | 1.61 | 2.18 | 2.74 | 3.01 | 3.29 | 2.61 | 2.14 | 1.79 | 1.42 | 1.16 | 0.98 | 0.83 | 0.66 | 0.54 | 0.39 | 0.29 | 0.23 | 0.19 |
| 18                                | 0.05                                  | 0.12 | 0.22 | 0.40 | 0.75 | 1.08 | 1.40 | 1.72 | 2.32 | 2.91 | 3.20 | 3.59 | 2.85 | 2.33 | 1.95 | 1.55 | 1.27 | 1.06 | 0.91 | 0.72 | 0.59 | 0.42 | 0.32 | 0.25 | 0    |
| 19                                | 0.05                                  | 0.12 | 0.23 | 0.43 | 0.80 | 1.15 | 1.49 | 1.82 | 2.46 | 3.09 | 3.40 | 3.89 | 3.09 | 2.53 | 2.12 | 1.68 | 1.38 | 1.15 | 0.98 | 0.78 | 0.64 | 0.46 | 0.35 | 0.28 | 0    |
| 20                                | 0.06                                  | 0.13 | 0.24 | 0.45 | 0.84 | 1.21 | 1.57 | 1.92 | 2.60 | 3.26 | 3.59 | 4.20 | 3.33 | 2.73 | 2.29 | 1.81 | 1.49 | 1.24 | 1.06 | 0.84 | 0.69 | 0.49 | 0.38 | 0.30 | 0    |
| 21                                | 0.06                                  | 0.14 | 0.26 | 0.48 | 0.89 | 1.28 | 1.66 | 2.03 | 2.74 | 3.44 | 3.78 | 4.46 | 3.59 | 2.94 | 2.46 | 1.95 | 1.60 | 1.34 | 1.14 | 0.91 | 0.74 | 0.53 | 0.40 | 0.32 | 0    |
| 22                                | 0.06                                  | 0.14 | 0.27 | 0.50 | 0.93 | 1.35 | 1.74 | 2.13 | 2.89 | 3.62 | 3.98 | 4.69 | 3.85 | 3.15 | 2.64 | 2.09 | 1.71 | 1.44 | 1.23 | 0.97 | 0.80 | 0.57 | 0.43 | 0.34 | 0    |
| 23                                | 0.06                                  | 0.15 | 0.28 | 0.53 | 0.98 | 1.41 | 1.83 | 2.24 | 3.03 | 3.80 | 4.17 | 4.92 | 4.11 | 3.37 | 2.82 | 2.24 | 1.83 | 1.54 | 1.31 | 1.04 | 0.85 | 0.61 | 0.46 | 0.37 | 0    |
| 24                                | 0.07                                  | 0.16 | 0.29 | 0.55 | 1.03 | 1.48 | 1.92 | 2.34 | 3.17 | 3.97 | 4.37 | 5.15 | 4.38 | 3.59 | 3.01 | 2.39 | 1.95 | 1.64 | 1.40 | 1.11 | 0.91 | 0.65 | 0.49 | 0.39 | 0    |
| 25                                | 0.07                                  | 0.17 | 0.31 | 0.57 | 1.07 | 1.55 | 2.00 | 2.45 | 3.31 | 4.15 | 4.57 | 5.38 | 4.66 | 3.81 | 3.20 | 2.54 | 2.08 | 1.74 | 1.49 | 1.18 | 0.96 | 0.69 | 0.53 | 0    | —    |
| 26                                | 0.07                                  | 0.17 | 0.32 | 0.60 | 1.12 | 1.61 | 2.09 | 2.55 | 3.46 | 4.33 | 4.76 | 5.61 | 4.94 | 4.05 | 3.39 | 2.69 | 2.20 | 1.85 | 1.58 | 1.25 | 1.02 | 0.73 | 0.56 | 0    | —    |
| 28                                | 0.08                                  | 0.19 | 0.35 | 0.65 | 1.21 | 1.75 | 2.26 | 2.77 | 3.74 | 4.69 | 5.16 | 6.08 | 5.52 | 4.52 | 3.79 | 3.01 | 2.46 | 2.06 | 1.76 | 1.40 | 1.14 | 0.82 | 0.62 | 0    | —    |
| 30                                | 0.08                                  | 0.20 | 0.38 | 0.70 | 1.31 | 1.88 | 2.44 | 2.98 | 4.03 | 5.06 | 5.56 | 6.55 | 6.13 | 5.01 | 4.20 | 3.33 | 2.73 | 2.29 | 1.95 | 1.55 | 1.27 | 0.91 | 0.69 | 0    | —    |
| 32                                | 0.09                                  | 0.22 | 0.40 | 0.75 | 1.40 | 2.02 | 2.61 | 3.20 | 4.33 | 5.42 | 5.96 | 7.03 | 6.75 | 5.52 | 4.63 | 3.67 | 3.01 | 2.52 | 2.15 | 1.71 | 1.40 | 1.00 | 0    | —    | —    |
| 35                                | 0.10                                  | 0.24 | 0.44 | 0.83 | 1.54 | 2.22 | 2.88 | 3.52 | 4.76 | 5.97 | 6.57 | 7.74 | 7.72 | 6.32 | 5.29 | 4.20 | 3.44 | 2.88 | 2.46 | 1.95 | 1.60 | 1.14 | 0    | —    | —    |
| 40                                | 0.12                                  | 0.27 | 0.51 | 0.96 | 1.78 | 2.57 | 3.33 | 4.07 | 5.50 | 6.90 | 7.59 | 8.94 | 9.43 | 7.72 | 6.47 | 5.13 | 4.20 | 3.52 | 3.01 | 2.39 | 1.95 | 1.40 | 0    | —    | —    |
| Lubri-<br>cation                  | I                                     |      |      |      | II   |      |      |      |      |      |      |      | III  |      |      |      |      |      |      |      |      |      |      |      |      |

See page 88 for lubrication type.

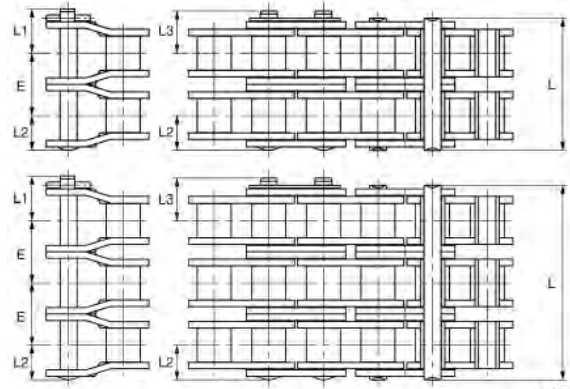
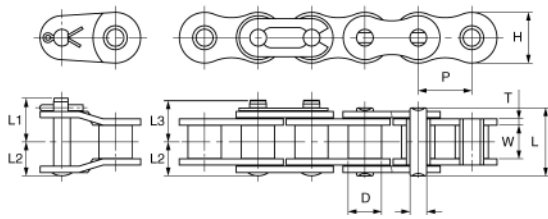
For horsepower ratings of multiple strand, multiply the horsepower above by multiple strand factor on page 85.

Note: Dimensions subject to change. Certified dimensions furnished upon request.



# Chain No. 40 .500"/12.70mm Pitch ANSI Roller Chain

**TOLTEC**  
INCORPORATED

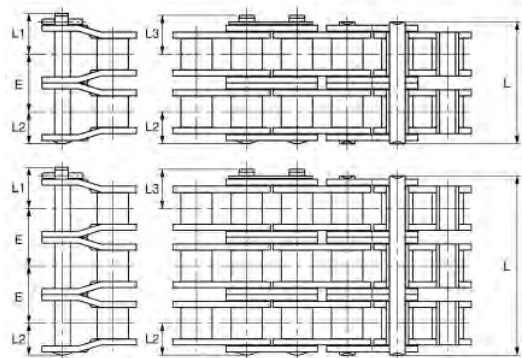
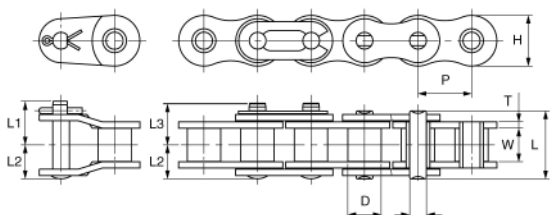


UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin   |       |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|-------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L     | L1    | L2    | L3    | E           | Lb/kg                    | Lb/kg             | Lb/ft kg/m    |
| 40        | 40       | 0.500 | 0.313        | 0.313              | 0.473      | 0.059 | 0.156    | 0.634 | 0.402 | 0.319 | 0.382 | 0.567       | 4,300                    | 860               | 0.443         |
|           |          | 12.70 | 7.94         | 7.95               | 12.0       | 1.5   | 3.96     | 16.1  | 10.2  | 8.1   | 9.7   | 14.4        | 1,950                    | 390               | 0.66          |
| 40-2      | 40-2     | 0.500 | 0.313        | 0.313              | 0.473      | 0.059 | 0.156    | 1.202 | 0.402 | 0.319 | 0.382 | 0.567       | 8,600                    | 1,455             | 0.874         |
|           |          | 12.70 | 7.94         | 7.95               | 12.0       | 1.5   | 3.96     | 30.5  | 10.2  | 8.1   | 9.7   | 14.4        | 3,900                    | 660               | 1.30          |
| 40-3      | 40-3     | 0.500 | 0.313        | 0.313              | 0.473      | 0.059 | 0.156    | 1.773 | 0.402 | 0.319 | 0.382 | 0.567       | 12,900                   | 2,139             | 1.304         |
|           |          | 12.70 | 7.94         | 7.95               | 12.0       | 1.5   | 3.96     | 45.0  | 10.2  | 8.1   | 9.7   | 14.4        | 5,850                    | 970               | 1.94          |
| 40-4      | 40-4     | 0.500 | 0.313        | 0.313              | 0.473      | 0.059 | 0.156    | 2.340 | 0.402 | 0.319 | 0.382 | 0.567       | 17,199                   | 2,822             | 10.617        |
|           |          | 12.70 | 7.94         | 7.95               | 12.0       | 1.5   | 3.96     | 59.4  | 10.2  | 8.1   | 9.7   | 14.4        | 7,800                    | 1,280             | 2.59          |
| 40-5      | 40-5     | 0.500 | 0.313        | 0.313              | 0.473      | 0.059 | 0.156    | 2.908 | 0.402 | 0.319 | 0.382 | 0.567       | 21,499                   | 3,352             | 2.170         |
|           |          | 12.70 | 7.94         | 7.95               | 12.0       | 1.5   | 3.96     | 73.8  | 10.2  | 8.1   | 9.7   | 14.4        | 9,750                    | 1,520             | 3.23          |
| 40-6      | 40-6     | 0.500 | 0.313        | 0.313              | 0.473      | 0.059 | 0.156    | 3.475 | 0.402 | 0.319 | 0.382 | 0.567       | 25,799                   | 3,947             | 2.600         |
|           |          | 12.70 | 7.94         | 7.95               | 12.0       | 1.5   | 3.96     | 88.2  | 10.2  | 8.1   | 9.7   | 14.4        | 11,700                   | 1,790             | 3.87          |

1. Riveted construction is standard.

Note: Dimensions subject to change. Certified dimensions furnished upon request.



### Horsepower Ratings Single Strand Roller Chain

UNIT Upper: inch  
Beneath: mm

| No. of Teeth Small Spkt. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                          | 10                                    | 25   | 50   | 100  | 200  | 300  | 400  | 500  | 700  | 900  | 1000 | 1200 | 1400 | 1600 | 1800 | 2100 | 2400 | 2700 | 3000 | 3500 | 4000 | 5000 | 6000 | 7000 | 8000 |
| 11                       | 0.11                                  | 0.26 | 0.49 | 0.91 | 1.70 | 2.45 | 3.18 | 3.89 | 5.26 | 6.59 | 6.80 | 6.80 | 6.80 | 5.57 | 4.67 | 3.70 | 3.03 | 2.54 | 2.17 | 1.72 | 1.41 | 1.01 | 0.77 | 0.61 | 0.50 |
| 12                       | 0.13                                  | 0.29 | 0.54 | 1.00 | 1.87 | 2.70 | 3.49 | 4.27 | 5.78 | 7.24 | 7.60 | 7.60 | 7.60 | 6.34 | 5.32 | 4.22 | 3.45 | 2.89 | 2.47 | 1.96 | 1.60 | 1.15 | 0.87 | 0.69 | 0.57 |
| 13                       | 0.14                                  | 0.31 | 0.59 | 1.09 | 2.04 | 2.94 | 3.81 | 4.65 | 6.30 | 7.90 | 8.29 | 8.29 | 8.29 | 7.15 | 6.00 | 4.76 | 3.89 | 3.26 | 2.79 | 2.21 | 1.81 | 1.29 | 0.99 | 0.78 | 0.64 |
| 14                       | 0.15                                  | 0.34 | 0.63 | 1.18 | 2.21 | 3.18 | 4.12 | 5.04 | 6.82 | 8.56 | 8.98 | 8.98 | 8.98 | 7.99 | 6.70 | 5.32 | 4.35 | 3.65 | 3.11 | 2.47 | 2.02 | 1.45 | 1.10 | 0.87 | 0.72 |
| 15                       | 0.16                                  | 0.37 | 0.68 | 1.28 | 2.38 | 3.43 | 4.44 | 5.43 | 7.35 | 9.22 | 9.67 | 9.67 | 9.67 | 8.86 | 7.43 | 5.90 | 4.83 | 4.04 | 3.45 | 2.74 | 2.24 | 1.60 | 1.22 | 0.97 | 0.79 |
| 16                       | 0.17                                  | 0.39 | 0.73 | 1.37 | 2.55 | 3.68 | 4.76 | 5.82 | 7.88 | 9.88 | 10.4 | 10.4 | 10.4 | 9.76 | 8.19 | 6.50 | 5.32 | 4.46 | 3.80 | 3.02 | 2.47 | 1.77 | 1.35 | 1.07 | 0.87 |
| 17                       | 0.18                                  | 0.42 | 0.78 | 1.46 | 2.73 | 3.93 | 5.09 | 6.22 | 8.42 | 10.6 | 11.1 | 11.1 | 11.1 | 10.7 | 8.97 | 7.11 | 5.82 | 4.88 | 4.17 | 3.31 | 2.71 | 1.94 | 1.47 | 1.17 | 0.96 |
| 18                       | 0.20                                  | 0.45 | 0.83 | 1.55 | 2.90 | 4.18 | 5.41 | 6.61 | 8.95 | 11.2 | 11.8 | 11.8 | 11.8 | 11.7 | 9.77 | 7.75 | 6.34 | 5.32 | 4.54 | 3.60 | 2.95 | 2.11 | 1.60 | 1.27 | 0    |
| 19                       | 0.21                                  | 0.47 | 0.88 | 1.65 | 3.07 | 4.43 | 5.74 | 7.01 | 9.49 | 11.9 | 12.6 | 12.6 | 12.6 | 12.6 | 10.6 | 8.41 | 6.88 | 5.77 | 4.92 | 3.91 | 3.20 | 2.29 | 1.74 | 1.38 | 0    |
| 20                       | 0.22                                  | 0.50 | 0.93 | 1.74 | 3.25 | 4.68 | 6.06 | 7.41 | 10.0 | 12.6 | 13.7 | 13.7 | 13.7 | 13.7 | 11.4 | 9.08 | 7.43 | 6.23 | 5.32 | 4.22 | 3.45 | 2.47 | 1.88 | 1.49 | 0    |
| 21                       | 0.23                                  | 0.53 | 0.98 | 1.84 | 3.42 | 4.93 | 6.39 | 7.81 | 10.6 | 13.3 | 14.6 | 14.8 | 14.8 | 14.8 | 12.3 | 9.77 | 7.99 | 6.70 | 5.72 | 4.54 | 3.72 | 2.66 | 2.02 | 1.60 | 0    |
| 22                       | 0.24                                  | 0.55 | 1.03 | 1.93 | 3.60 | 5.19 | 6.72 | 8.21 | 11.1 | 13.9 | 15.3 | 15.7 | 15.7 | 15.7 | 13.2 | 10.5 | 8.57 | 7.18 | 6.13 | 4.87 | 3.98 | 2.85 | 2.17 | 1.72 | 0    |
| 23                       | 0.25                                  | 0.58 | 1.08 | 2.02 | 3.78 | 5.44 | 7.05 | 8.62 | 11.7 | 14.6 | 16.1 | 16.9 | 16.9 | 16.9 | 14.1 | 11.2 | 9.16 | 7.68 | 6.56 | 5.20 | 4.26 | 3.05 | 2.32 | 1.84 | 0    |
| 24                       | 0.27                                  | 0.61 | 1.14 | 2.12 | 3.96 | 5.70 | 7.38 | 9.02 | 12.2 | 15.3 | 16.8 | 18.0 | 18.0 | 18.0 | 15.0 | 11.9 | 9.77 | 8.19 | 6.99 | 5.55 | 4.54 | 3.25 | 2.47 | 1.96 | 0    |
| 25                       | 0.28                                  | 0.64 | 1.19 | 2.22 | 4.13 | 5.95 | 7.71 | 9.43 | 12.8 | 16.0 | 17.6 | 18.9 | 18.9 | 18.9 | 16.0 | 12.7 | 10.4 | 8.70 | 7.43 | 5.90 | 4.83 | 3.45 | 2.63 | 0    | —    |
| 26                       | 0.29                                  | 0.66 | 1.24 | 2.31 | 4.31 | 6.21 | 8.05 | 9.84 | 13.3 | 16.7 | 18.4 | 19.7 | 19.7 | 19.7 | 17.0 | 13.5 | 11.0 | 9.23 | 7.88 | 6.25 | 5.12 | 3.66 | 2.79 | 0    | —    |
| 28                       | 0.32                                  | 0.72 | 1.34 | 2.50 | 4.67 | 6.73 | 8.72 | 10.7 | 14.4 | 18.1 | 19.9 | 21.5 | 21.5 | 21.5 | 19.0 | 15.0 | 12.3 | 10.3 | 8.81 | 6.99 | 5.72 | 4.09 | 3.11 | 0    | —    |
| 30                       | 0.34                                  | 0.77 | 1.45 | 2.70 | 5.03 | 7.25 | 9.39 | 11.5 | 15.5 | 19.5 | 21.4 | 23.1 | 23.1 | 23.1 | 21.0 | 16.7 | 13.7 | 11.4 | 9.77 | 7.75 | 6.34 | 4.54 | 3.45 | 0    | —    |
| 32                       | 0.36                                  | 0.83 | 1.55 | 2.89 | 5.40 | 7.77 | 10.1 | 12.3 | 16.7 | 20.9 | 23.0 | 24.7 | 24.7 | 24.7 | 23.2 | 18.4 | 15.0 | 12.6 | 10.8 | 8.54 | 6.99 | 5.00 | 0    | —    | —    |
| 35                       | 0.40                                  | 0.91 | 1.71 | 3.19 | 5.95 | 8.56 | 11.1 | 13.6 | 18.4 | 23.0 | 25.3 | 27.2 | 27.2 | 27.2 | 26.5 | 21.0 | 17.2 | 14.4 | 12.3 | 9.77 | 7.99 | 5.72 | 0    | —    | —    |
| 40                       | 0.46                                  | 1.06 | 1.97 | 3.68 | 6.87 | 9.89 | 12.8 | 15.7 | 21.2 | 26.6 | 29.2 | 32.3 | 32.3 | 32.3 | 32.3 | 25.7 | 21.0 | 17.6 | 15.0 | 11.9 | 9.77 | 6.99 | 0    | —    | —    |
| Lubrication              | I                                     |      |      |      | II   |      |      |      |      |      | III  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

Remarks) 1. For HP rating of multiple strand, multiply the HP above by multiple strand factor shown in the table at right.

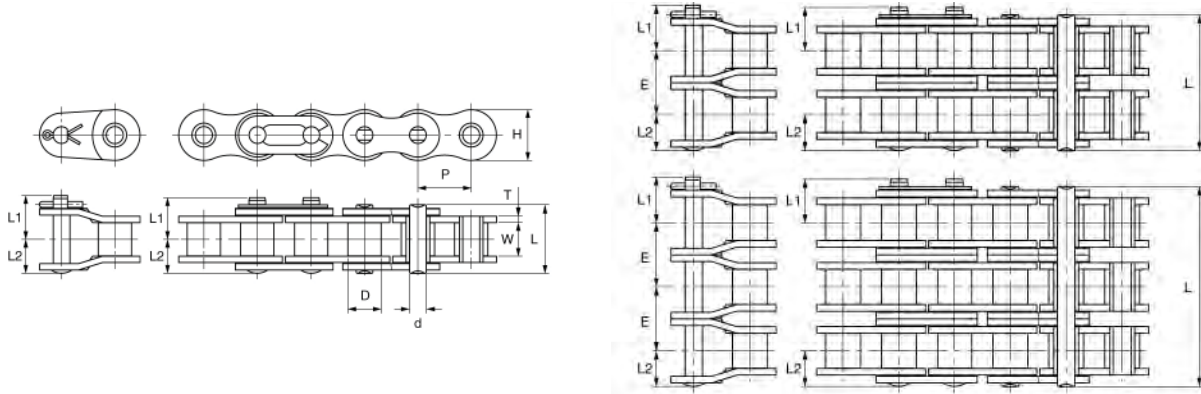
2. The operation in right part of the dotted line is not recommended.

3. The lubrication type is as follows. Type I : Manual & Drip feed, Type II : Oil bath and Disc, Type III : Pump

4. Dimensions & Ratings are subject to change without notice. Certified dimensions furnished upon request.

|                         |     |     |     |     |     |
|-------------------------|-----|-----|-----|-----|-----|
| Number of Strands       | 2   | 3   | 4   | 5   | 6   |
| Multiple Strand Factors | 1.7 | 2.5 | 3.3 | 3.9 | 4.6 |

# Chain No. 50 .625"/15.875mm Pitch ANSI Roller Chain

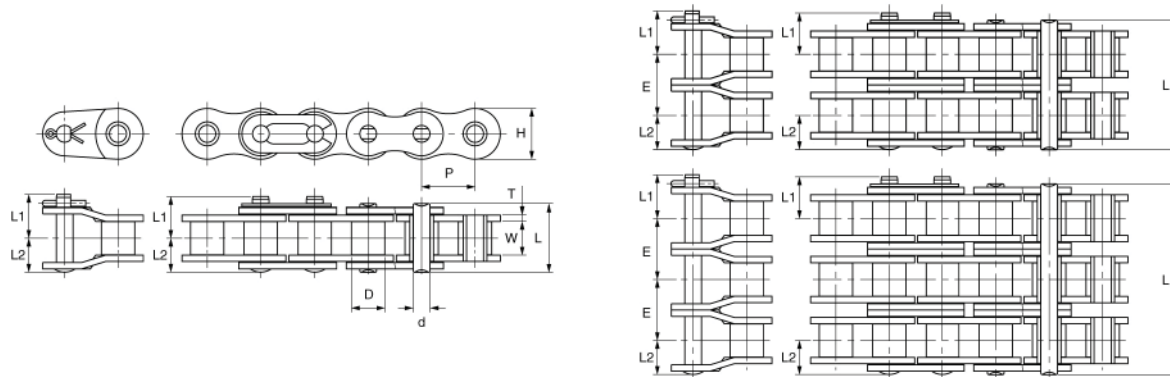


UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch  | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin   |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|--------|--------------|--------------------|------------|-------|----------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           |          | P      | D            | W                  | H          | T     | d        | L     | L1    | L2    | E           | Lb/kg                    | Lb/kg             | Lb/ft kg/m    |
| 50        | 50       | 0.625  | 0.400        | 0.376              | 0.591      | 0.079 | 0.200    | 0.800 | 0.477 | 0.410 | 0.713       | 7,166                    | 1,389             | 0.713         |
|           |          | 15.875 | 10.16        | 9.55               | 15.0       | 2.0   | 5.08     | 20.3  | 12.1  | 10.4  | 18.1        | 3,250                    | 630               | 1.08          |
| 50-2      | 50-2     | 0.625  | 0.400        | 0.376              | 0.591      | 0.079 | 0.200    | 1.513 | 0.477 | 0.410 | 0.713       | 14,333                   | 2,360             | 1.406         |
|           |          | 15.875 | 10.16        | 9.55               | 15.0       | 2.0   | 5.08     | 38.4  | 12.1  | 10.4  | 18.1        | 6,500                    | 1,070             | 2.13          |
| 50-3      | 50-3     | 0.625  | 0.400        | 0.376              | 0.591      | 0.079 | 0.200    | 2.230 | 0.477 | 0.410 | 0.713       | 21,499                   | 3,462             | 2.099         |
|           |          | 15.875 | 10.16        | 9.55               | 15.0       | 2.0   | 5.08     | 56.6  | 12.1  | 10.4  | 18.1        | 9,750                    | 1,570             | 3.18          |
| 50-4      | 50-4     | 0.625  | 0.400        | 0.376              | 0.591      | 0.079 | 0.200    | 2.943 | 0.477 | 0.410 | 0.713       | 28,665                   | 4,564             | 2.792         |
|           |          | 15.875 | 10.16        | 9.55               | 15.0       | 2.0   | 5.08     | 74.7  | 12.1  | 10.4  | 18.1        | 13,000                   | 2,070             | 4.23          |
| 50-5      | 50-5     | 0.625  | 0.400        | 0.376              | 0.591      | 0.079 | 0.200    | 3.656 | 0.477 | 0.410 | 0.713       | 35,831                   | 5,402             | 3.485         |
|           |          | 15.875 | 10.16        | 9.55               | 15.0       | 2.0   | 5.08     | 92.8  | 12.1  | 10.4  | 18.1        | 16,250                   | 2,450             | 5.28          |
| 50-6      | 50-6     | 0.625  | 0.400        | 0.376              | 0.591      | 0.079 | 0.200    | 4.369 | 0.477 | 0.410 | 0.713       | 42,998                   | 6,372             | 4.171         |
|           |          | 15.875 | 10.16        | 9.55               | 15.0       | 2.0   | 5.08     | 110.9 | 12.1  | 10.4  | 18.1        | 19,500                   | 2,890             | 6.32          |

1. Riveted construction is standard.

Note: Dimensions subject to change. Certified dimensions furnished upon request.



#### Horsepower Ratings Single Strand Roller Chain

UNIT Upper: inch  
Beneath: mm

| No. of<br>Teeth<br>Small<br>Spkt. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|-----------------------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
|                                   | 10                                    | 25   | 50   | 100  | 200  | 300  | 400  | 500  | 700  | 900  | 1000 | 1200 | 1400 | 1600 | 1800 | 2100 | 2400 | 2700 | 3000 | 3500 | 4000 | 4500 | 5000 | 5500 | 6000 |  |
| 11                                | —                                     | 0.53 | 0.99 | 1.84 | 3.44 | 4.95 | 6.42 | 7.85 | 10.6 | 13.3 | 10.6 | 10.2 | 8.13 | 6.66 | 5.58 | 4.43 | 3.62 | 3.04 | 2.59 | 2.06 | 1.68 | 1.41 | 1.20 | 1.04 | 0.92 |  |
| 12                                | 0.25                                  | 0.58 | 1.09 | 2.02 | 3.78 | 5.44 | 7.05 | 8.62 | 11.7 | 11.7 | 11.7 | 11.7 | 9.27 | 7.58 | 6.36 | 5.04 | 4.13 | 3.46 | 2.95 | 2.34 | 1.92 | 1.61 | 1.37 | 1.19 | 1.04 |  |
| 13                                | 0.28                                  | 0.63 | 1.18 | 2.21 | 4.12 | 5.93 | 7.69 | 9.40 | 12.7 | 13.2 | 13.2 | 13.2 | 10.4 | 8.55 | 7.17 | 5.69 | 4.65 | 3.90 | 3.33 | 2.64 | 2.16 | 1.81 | 1.55 | 1.34 | 0    |  |
| 14                                | 0.30                                  | 0.69 | 1.28 | 2.39 | 4.46 | 6.43 | 8.33 | 10.2 | 13.8 | 14.8 | 14.8 | 14.8 | 11.7 | 9.56 | 8.01 | 6.36 | 5.20 | 4.36 | 3.72 | 2.95 | 2.42 | 2.03 | 1.73 | 1.50 | 0    |  |
| 15                                | 0.32                                  | 0.74 | 1.38 | 2.58 | 4.81 | 6.93 | 8.97 | 11.0 | 14.8 | 16.4 | 16.4 | 16.4 | 12.9 | 10.6 | 8.88 | 7.05 | 5.77 | 4.84 | 4.13 | 3.28 | 2.68 | 2.25 | 1.92 | 1.66 | 0    |  |
| 16                                | 0.35                                  | 0.79 | 1.48 | 2.76 | 5.16 | 7.43 | 9.62 | 11.8 | 15.9 | 18.0 | 18.0 | 18.0 | 14.3 | 11.7 | 9.79 | 7.77 | 6.36 | 5.33 | 4.55 | 3.61 | 2.95 | 2.48 | 2.11 | 1.83 | 0    |  |
| 17                                | 0.37                                  | 0.85 | 1.58 | 2.95 | 5.50 | 7.93 | 10.3 | 12.6 | 17.0 | 19.7 | 19.7 | 19.7 | 15.6 | 12.8 | 10.7 | 8.50 | 6.96 | 5.83 | 4.98 | 3.95 | 3.24 | 2.71 | 2.31 | 2.01 | 0    |  |
| 18                                | 0.39                                  | 0.90 | 1.68 | 3.14 | 5.85 | 8.43 | 10.9 | 13.4 | 18.1 | 21.2 | 21.2 | 21.2 | 17.0 | 13.9 | 11.7 | 9.27 | 7.58 | 6.36 | 5.43 | 4.31 | 3.52 | 2.95 | 2.52 | 0    | —    |  |
| 19                                | 0.42                                  | 0.96 | 1.78 | 3.33 | 6.21 | 8.94 | 11.6 | 14.2 | 19.2 | 22.5 | 22.5 | 22.5 | 18.5 | 15.1 | 12.7 | 10.0 | 8.22 | 6.89 | 5.89 | 4.67 | 3.82 | 3.20 | 2.74 | 0    | —    |  |
| 20                                | 0.44                                  | 1.01 | 1.88 | 3.52 | 6.56 | 9.45 | 12.2 | 15.0 | 20.3 | 23.7 | 23.7 | 23.7 | 19.9 | 16.3 | 13.7 | 10.9 | 8.88 | 7.44 | 6.36 | 5.04 | 4.13 | 3.46 | 2.95 | 0    | —    |  |
| 21                                | 0.47                                  | 1.06 | 1.99 | 3.71 | 6.91 | 9.96 | 12.9 | 15.8 | 21.4 | 25.1 | 25.1 | 25.1 | 21.5 | 17.6 | 14.7 | 11.7 | 9.56 | 8.01 | 6.84 | 5.43 | 4.44 | 3.72 | 3.18 | 0    | —    |  |
| 22                                | 0.49                                  | 1.12 | 2.09 | 3.90 | 7.27 | 10.5 | 13.6 | 16.6 | 22.5 | 26.3 | 26.3 | 26.3 | 23.0 | 18.8 | 15.8 | 12.5 | 10.2 | 8.59 | 7.33 | 5.82 | 4.76 | 3.99 | 3.41 | 0    | —    |  |
| 23                                | 0.51                                  | 1.17 | 2.19 | 4.09 | 7.63 | 11.0 | 14.2 | 17.4 | 23.6 | 27.6 | 27.6 | 27.6 | 24.6 | 20.1 | 16.9 | 13.4 | 11.0 | 9.18 | 7.84 | 6.22 | 5.09 | 4.27 | 0    | —    | —    |  |
| 24                                | 0.54                                  | 1.23 | 2.29 | 4.28 | 7.99 | 11.5 | 14.9 | 18.2 | 24.7 | 29.0 | 29.0 | 29.0 | 26.2 | 21.5 | 18.0 | 14.3 | 11.7 | 9.79 | 8.36 | 6.63 | 5.43 | 4.55 | 0    | —    | —    |  |
| 25                                | 0.56                                  | 1.28 | 2.40 | 4.47 | 8.35 | 12.0 | 15.6 | 19.0 | 25.8 | 30.2 | 30.2 | 30.2 | 27.9 | 22.8 | 19.1 | 15.2 | 12.4 | 10.4 | 8.88 | 7.05 | 5.77 | 4.84 | 0    | —    | —    |  |
| 26                                | 0.59                                  | 1.34 | 2.50 | 4.67 | 8.71 | 12.5 | 16.3 | 19.9 | 26.9 | 31.5 | 31.5 | 31.5 | 29.6 | 24.2 | 20.3 | 16.1 | 13.2 | 11.0 | 9.42 | 7.48 | 6.12 | 5.13 | 0    | —    | —    |  |
| 28                                | 0.64                                  | 1.45 | 2.71 | 5.06 | 9.43 | 13.6 | 17.6 | 21.5 | 29.1 | 34.2 | 34.2 | 34.2 | 33.0 | 27.0 | 22.7 | 18.0 | 14.7 | 12.3 | 10.5 | 8.36 | 6.84 | 5.73 | 0    | —    | —    |  |
| 30                                | 0.69                                  | 1.56 | 2.92 | 5.45 | 10.2 | 14.6 | 19.0 | 23.2 | 31.4 | 36.9 | 36.9 | 36.9 | 36.6 | 30.0 | 25.1 | 19.9 | 16.3 | 13.7 | 11.7 | 9.27 | 7.58 | 0    | —    | —    | —    |  |
| 32                                | 0.74                                  | 1.68 | 3.13 | 5.84 | 10.9 | 15.7 | 20.3 | 24.9 | 33.7 | 40.4 | 40.4 | 40.4 | 40.4 | 33.0 | 27.7 | 22.0 | 18.0 | 15.1 | 12.9 | 10.2 | 8.36 | 0    | —    | —    | —    |  |
| 35                                | 0.81                                  | 1.85 | 3.45 | 6.43 | 12.0 | 17.3 | 22.4 | 27.4 | 37.1 | 46.1 | 46.1 | 46.1 | 46.1 | 37.8 | 31.7 | 25.1 | 20.6 | 17.2 | 14.7 | 11.7 | 9.56 | 0    | —    | —    | —    |  |
| 40                                | 0.94                                  | 2.13 | 3.98 | 7.43 | 13.9 | 20.0 | 25.9 | 31.6 | 42.8 | 53.7 | 56.5 | 56.5 | 56.5 | 46.2 | 38.7 | 30.7 | 25.1 | 21.1 | 18.0 | 14.3 | 0    | —    | —    | —    | —    |  |
| Lubri-<br>cation                  | I                                     |      |      |      | II   |      |      |      | III  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |

Remarks) 1. For HP rating of multiple strand, multiply the HP above by multiple strand factor shown in the table at right.

2. The operation in right part of the dotted line is not recommended.

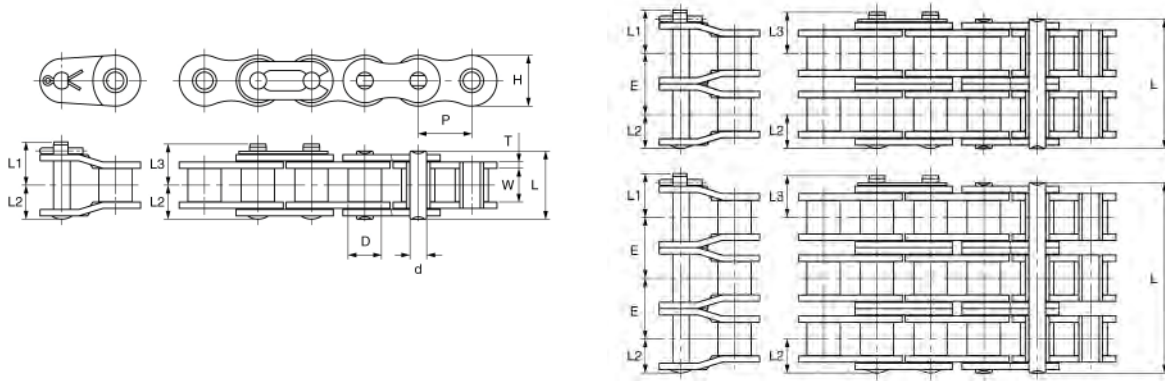
3. The lubrication type is as follows. Type I : Manual & Drip feed, Type II : Oil bath and Disc, Type III : Pump

4. Dimensions & Ratings are subject to change without notice. Certified dimensions furnished upon request.

| Number of Strands       | 2   | 3   | 4   | 5   | 6   |
|-------------------------|-----|-----|-----|-----|-----|
| Multiple Strand Factors | 1.7 | 2.5 | 3.3 | 3.9 | 4.6 |

# Chain No. 60 .750"/19.05mm Pitch ANSI Roller Chain

**TOLTEC**  
INCORPORATED

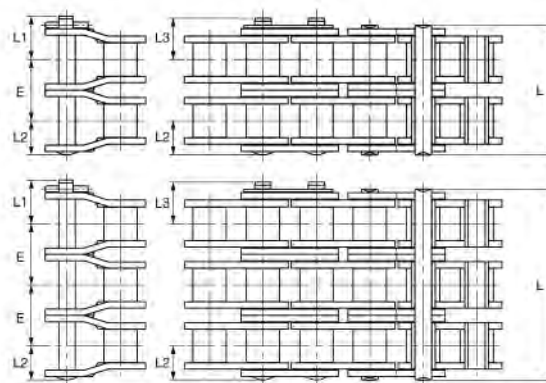
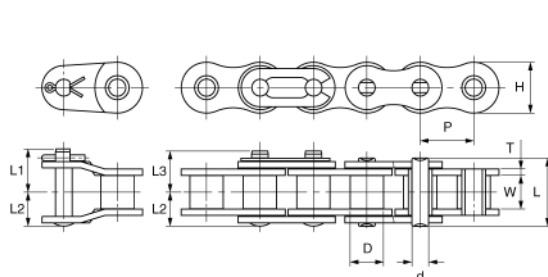


UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin   |       |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|-------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L     | L1    | L2    | L3    | E           | Lb/kg                    | Lb/kg             | Lb/ft kg/m    |
| 60        | 60       | 0.750 | 0.469        | 0.500              | 0.709      | 0.095 | 0.234    | 1.001 | 0.599 | 0.500 | 0.579 | 0.898       | 9,923                    | 2,095             | 1.067         |
|           |          | 19.05 | 11.91        | 12.7               | 18.0       | 2.4   | 5.95     | 25.4  | 15.2  | 12.7  | 14.7  | 22.8        | 4,500                    | 950               | 1.6           |
| 60-2      | 60-2     | 0.750 | 0.469        | 0.500              | 0.709      | 0.095 | 0.234    | 1.899 | 0.599 | 0.500 | 0.579 | 0.898       | 19,845                   | 3,550             | 2.068         |
|           |          | 19.05 | 11.91        | 12.7               | 18.0       | 2.4   | 5.95     | 48.2  | 15.2  | 12.7  | 14.7  | 22.8        | 9,000                    | 1,610             | 3.1           |
| 60-3      | 60-3     | 0.750 | 0.469        | 0.500              | 0.709      | 0.095 | 0.234    | 2.801 | 0.599 | 0.500 | 0.579 | 0.898       | 29,768                   | 5,226             | 3.068         |
|           |          | 19.05 | 11.91        | 12.7               | 18.0       | 2.4   | 5.95     | 71.1  | 15.2  | 12.7  | 14.7  | 22.8        | 13,500                   | 2,370             | 4.6           |
| 60-4      | 60-4     | 0.750 | 0.469        | 0.500              | 0.709      | 0.095 | 0.234    | 3.700 | 0.599 | 0.500 | 0.579 | 0.898       | 39,690                   | 6,902             | 4.135         |
|           |          | 19.05 | 11.91        | 12.7               | 18.0       | 2.4   | 5.95     | 93.9  | 15.2  | 12.7  | 14.7  | 22.8        | 18,000                   | 3,130             | 6.2           |
| 60-5      | 60-5     | 0.750 | 0.469        | 0.500              | 0.709      | 0.095 | 0.234    | 4.598 | 0.599 | 0.500 | 0.579 | 0.898       | 49,613                   | 8,159             | 5.136         |
|           |          | 19.05 | 11.91        | 12.7               | 18.0       | 2.4   | 5.95     | 116.7 | 15.2  | 12.7  | 14.7  | 22.8        | 22,500                   | 3,700             | 7.7           |
| 60-6      | 60-6     | 0.750 | 0.469        | 0.500              | 0.709      | 0.095 | 0.234    | 5.496 | 0.599 | 0.500 | 0.579 | 0.898       | 59,535                   | 9,636             | 6.136         |
|           |          | 19.05 | 11.91        | 12.7               | 18.0       | 2.4   | 5.95     | 139.5 | 15.2  | 12.7  | 14.7  | 22.8        | 27,000                   | 4,370             | 9.2           |

1. Riveted construction is standard.

Note: Dimensions subject to change. Certified dimensions furnished upon request.



UNIT Upper: inch  
Beneath: mm

### Horsepower Ratings Single Strand Roller Chain

| No. of Teeth Small Spkt. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                          | 10                                    | 25   | 50   | 100  | 150  | 200  | 300  | 400  | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1400 | 1600 | 1800 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 |
| 11                       | 0.42                                  | 0.96 | 1.79 | 3.34 | 4.80 | 6.22 | 8.96 | 11.6 | 14.2 | 16.7 | 17.0 | 17.0 | 17.0 | 15.6 | 13.5 | 11.9 | 9.41 | 7.70 | 6.45 | 5.51 | 3.94 | 3.00 | 2.38 | 1.95 | 1.63 |
| 12                       | 0.46                                  | 1.05 | 1.96 | 3.66 | 5.28 | 6.84 | 9.85 | 12.8 | 15.6 | 18.4 | 18.6 | 18.6 | 18.6 | 17.8 | 15.4 | 13.5 | 10.7 | 8.78 | 7.35 | 6.28 | 4.49 | 3.42 | 2.71 | 2.22 | 1.86 |
| 13                       | 0.50                                  | 1.15 | 2.14 | 3.99 | 5.75 | 7.45 | 10.7 | 13.9 | 17.0 | 20.0 | 20.4 | 20.4 | 20.4 | 20.0 | 17.4 | 15.2 | 12.1 | 9.89 | 8.29 | 7.08 | 5.07 | 3.85 | 3.06 | 2.50 | 0    |
| 14                       | 0.54                                  | 1.24 | 2.32 | 4.33 | 6.23 | 8.08 | 11.6 | 15.1 | 18.4 | 21.7 | 22.4 | 22.4 | 22.4 | 22.4 | 19.4 | 17.0 | 13.5 | 11.1 | 9.27 | 7.91 | 5.66 | 4.31 | 3.42 | 2.80 | 0    |
| 15                       | 0.59                                  | 1.34 | 2.50 | 4.66 | 6.72 | 8.70 | 12.5 | 16.2 | 19.8 | 23.4 | 24.8 | 24.8 | 24.8 | 24.8 | 21.5 | 18.9 | 15.0 | 12.3 | 10.3 | 8.78 | 6.28 | 4.78 | 3.79 | 3.10 | 0    |
| 16                       | 0.63                                  | 1.44 | 2.68 | 5.00 | 7.20 | 9.33 | 13.4 | 17.4 | 21.3 | 25.1 | 27.4 | 27.4 | 27.4 | 27.4 | 23.7 | 20.8 | 16.5 | 13.5 | 11.3 | 9.67 | 6.92 | 5.26 | 4.18 | 3.42 | 0    |
| 17                       | 0.67                                  | 1.53 | 2.86 | 5.34 | 7.69 | 9.96 | 14.3 | 18.6 | 22.7 | 26.8 | 29.9 | 29.9 | 29.9 | 29.9 | 26.0 | 22.8 | 18.1 | 14.8 | 12.4 | 10.6 | 7.58 | 5.76 | 4.57 | 3.74 | 0    |
| 18                       | 0.71                                  | 1.63 | 3.04 | 5.68 | 8.18 | 10.6 | 15.3 | 19.8 | 24.2 | 28.5 | 31.8 | 31.8 | 31.8 | 31.8 | 28.3 | 24.8 | 19.7 | 16.1 | 13.5 | 11.5 | 8.25 | 6.28 | 4.98 | 4.08 | 0    |
| 19                       | 0.76                                  | 1.73 | 3.23 | 6.02 | 8.67 | 11.2 | 16.2 | 21.0 | 25.6 | 30.2 | 33.7 | 33.7 | 33.7 | 33.7 | 30.7 | 26.9 | 21.4 | 17.5 | 14.7 | 12.5 | 8.95 | 6.81 | 5.40 | 4.42 | 0    |
| 20                       | 0.80                                  | 1.83 | 3.41 | 6.36 | 9.16 | 11.9 | 17.1 | 22.2 | 27.1 | 31.9 | 35.7 | 35.7 | 35.7 | 35.7 | 33.1 | 29.1 | 23.1 | 18.9 | 15.8 | 13.5 | 9.67 | 7.35 | 5.84 | 0    | —    |
| 21                       | 0.84                                  | 1.93 | 3.59 | 6.71 | 9.66 | 12.5 | 18.0 | 23.3 | 28.5 | 33.6 | 37.5 | 37.5 | 37.5 | 37.5 | 35.6 | 31.3 | 24.8 | 20.3 | 17.0 | 14.5 | 10.4 | 7.91 | 6.28 | 0    | —    |
| 22                       | 0.89                                  | 2.02 | 3.78 | 7.05 | 10.2 | 13.2 | 19.0 | 24.6 | 30.0 | 35.4 | 39.6 | 39.6 | 39.6 | 39.6 | 38.2 | 33.5 | 26.6 | 21.8 | 18.3 | 15.6 | 11.2 | 8.48 | 6.73 | 0    | —    |
| 23                       | 0.93                                  | 2.12 | 3.96 | 7.40 | 10.7 | 13.8 | 19.9 | 25.8 | 31.5 | 37.1 | 41.4 | 41.4 | 41.4 | 41.4 | 40.8 | 35.8 | 28.4 | 23.3 | 19.5 | 16.7 | 11.9 | 9.07 | 7.20 | 0    | —    |
| 24                       | 0.98                                  | 2.22 | 4.15 | 7.75 | 11.2 | 14.5 | 20.8 | 27.0 | 33.0 | 38.8 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 38.2 | 30.3 | 24.8 | 20.8 | 17.8 | 12.7 | 9.67 | 7.67 | 0    | —    |
| 25                       | 1.02                                  | 2.32 | 4.34 | 8.09 | 11.7 | 15.1 | 21.8 | 28.2 | 34.5 | 40.6 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 40.6 | 32.2 | 26.4 | 22.1 | 18.9 | 13.5 | 10.3 | 8.16 | 0    | —    |
| 26                       | 1.06                                  | 2.43 | 4.53 | 8.44 | 12.2 | 15.8 | 22.7 | 29.4 | 35.9 | 42.4 | 48.7 | 49.1 | 49.1 | 49.1 | 49.1 | 43.1 | 34.2 | 28.0 | 23.5 | 20.0 | 14.3 | 10.9 | 8.65 | 0    | —    |
| 28                       | 1.15                                  | 2.63 | 4.90 | 9.15 | 13.2 | 17.1 | 24.6 | 31.9 | 38.9 | 45.9 | 52.7 | 54.8 | 54.8 | 54.8 | 54.8 | 48.2 | 38.2 | 31.3 | 26.2 | 22.4 | 16.0 | 12.2 | 0    | —    | —    |
| 30                       | 1.24                                  | 2.83 | 5.28 | 9.86 | 14.2 | 18.4 | 26.5 | 34.3 | 42.0 | 49.4 | 56.8 | 60.2 | 60.2 | 60.2 | 60.2 | 53.4 | 42.4 | 34.7 | 29.1 | 24.8 | 17.8 | 13.5 | 0    | —    | —    |
| 32                       | 1.33                                  | 3.03 | 5.66 | 10.6 | 15.2 | 19.7 | 28.4 | 36.8 | 45.0 | 53.0 | 60.9 | 64.5 | 64.5 | 64.5 | 64.5 | 58.8 | 46.7 | 38.2 | 32.0 | 27.3 | 19.6 | 14.9 | 0    | —    | —    |
| 35                       | 1.47                                  | 3.34 | 6.24 | 11.6 | 16.8 | 21.7 | 31.3 | 40.5 | 49.6 | 58.4 | 67.1 | 71.1 | 71.1 | 71.1 | 71.1 | 67.3 | 53.4 | 43.7 | 36.6 | 31.3 | 22.4 | 17.0 | 0    | —    | —    |
| 40                       | 1.69                                  | 3.86 | 7.21 | 13.4 | 19.4 | 25.1 | 36.1 | 46.8 | 57.2 | 67.5 | 77.5 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 65.2 | 53.4 | 44.8 | 38.2 | 27.3 | 0    | —    | —    | —    |
| Lub.                     | I                                     |      |      | II   |      |      |      |      |      | III  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          |                                       |      |      | </   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

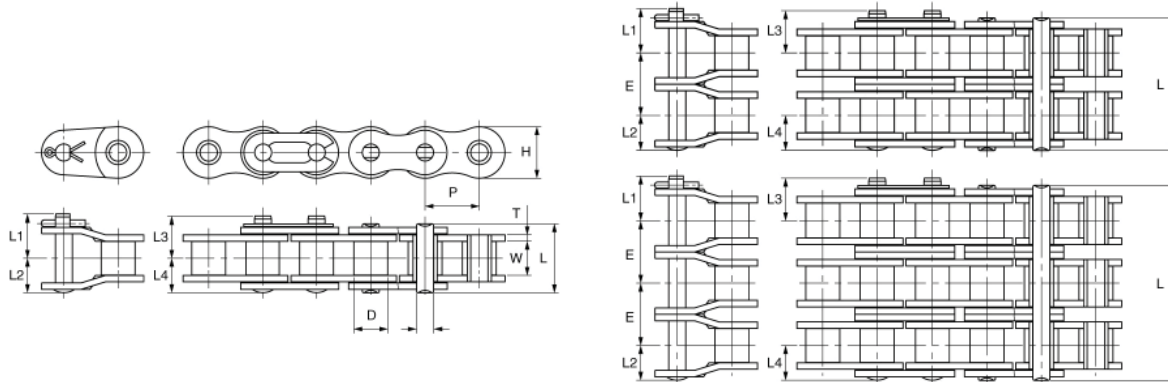


# Chain No. 80

## 1.000"/25.40mm Pitch

### ANSI Roller Chain

**TOLTEC**  
INCORPORATED

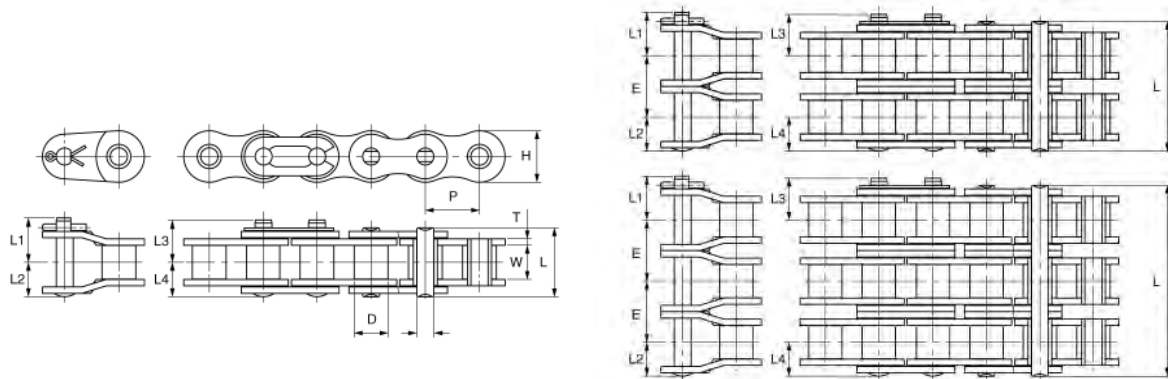


UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin   |       |       |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|-------|-------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L     | L1    | L2    | L3    | L4    | E           | Lb/kg                    | Lb/kg             | Lb/ft kg/m    |
| 80        | 80       | 1.000 | 0.625        | 0.627              | 0.949      | 0.126 | 0.313    | 1.289 | 0.776 | 0.709 | 0.741 | 0.643 | 1.155       | 17,640                   | 3,638             | 1.868         |
|           |          | 25.40 | 15.88        | 15.9               | 24.1       | 3.2   | 7.94     | 32.7  | 19.7  | 18.0  | 18.8  | 16.3  | 29.3        | 8,000                    | 1,650             | 2.8           |
| 80-2      | 80-2     | 1.000 | 0.625        | 0.627              | 0.949      | 0.126 | 0.313    | 2.447 | 0.776 | 0.709 | 0.741 | 0.643 | 1.155       | 35,280                   | 6,185             | 3.735         |
|           |          | 25.40 | 15.88        | 15.9               | 24.1       | 3.2   | 7.94     | 62.1  | 19.7  | 18.0  | 18.8  | 16.3  | 29.3        | 16,000                   | 2,805             | 5.6           |
| 80-3      | 80-3     | 1.000 | 0.625        | 0.627              | 0.949      | 0.126 | 0.313    | 3.602 | 0.776 | 0.709 | 0.741 | 0.643 | 1.155       | 52,920                   | 9,096             | 5.536         |
|           |          | 25.40 | 15.88        | 15.9               | 24.1       | 3.2   | 7.94     | 91.4  | 19.7  | 18.0  | 18.8  | 16.3  | 29.3        | 24,000                   | 4,125             | 8.3           |
| 80-4      | 80-4     | 1.000 | 0.625        | 0.627              | 0.949      | 0.126 | 0.313    | 4.756 | 0.776 | 0.709 | 0.741 | 0.643 | 1.155       | 70,560                   | 12,006            | 7.337         |
|           |          | 25.40 | 15.88        | 15.9               | 24.1       | 3.2   | 7.94     | 120.7 | 19.7  | 18.0  | 18.8  | 16.3  | 29.3        | 32,000                   | 5,445             | 11.0          |
| 80-5      | 80-5     | 1.000 | 0.625        | 0.627              | 0.949      | 0.126 | 0.313    | 5.910 | 0.776 | 0.709 | 0.741 | 0.643 | 1.155       | 88,200                   | 14,189            | 9.138         |
|           |          | 25.40 | 15.88        | 15.9               | 24.1       | 3.2   | 7.94     | 150.0 | 19.7  | 18.0  | 18.8  | 16.3  | 29.3        | 40,000                   | 6,435             | 13.7          |
| 80-6      | 80-6     | 1.000 | 0.625        | 0.627              | 0.949      | 0.126 | 0.313    | 7.065 | 0.776 | 0.709 | 0.741 | 0.643 | 1.155       | 105,840                  | 16,736            | 10.939        |
|           |          | 25.40 | 15.88        | 15.9               | 24.1       | 3.2   | 7.94     | 179.3 | 19.7  | 18.0  | 18.8  | 16.3  | 29.3        | 48,000                   | 7,590             | 16.4          |

1. Riveted construction is standard.

Note: Dimensions subject to change. Certified dimensions furnished upon request.



#### Horsepower Ratings Single Strand Roller Chain

UNIT Upper: inch  
Beneath: mm

| No. of<br>Teeth<br>Small<br>Spkt. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |
|-----------------------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|
|                                   | 10                                    | 25   | 50   | 100  | 150  | 200  | 300  | 400  | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1400  | 1600 | 1800 | 2000 | 2200 | 2400 | 2700 | 3000 | 3400 |
| 11                                | 0.97                                  | 2.22 | 4.14 | 7.72 | 11.1 | 14.4 | 20.8 | 26.9 | 30.3 | 30.3 | 30.3 | 27.4 | 23.0 | 19.6 | 17.0 | 14.9 | 11.84 | 9.69 | 8.12 | 6.94 | 6.01 | 5.28 | 4.42 | 3.78 | 3.13 |
| 12                                | 1.07                                  | 2.44 | 4.55 | 8.48 | 12.2 | 15.8 | 22.8 | 29.5 | 33.4 | 33.4 | 33.4 | 31.2 | 26.2 | 22.4 | 19.4 | 17.0 | 13.5  | 11.0 | 9.26 | 7.90 | 6.85 | 6.01 | 5.04 | 4.30 | 3.57 |
| 13                                | 1.16                                  | 2.66 | 4.96 | 9.25 | 13.3 | 17.3 | 24.9 | 32.2 | 36.3 | 36.3 | 36.3 | 35.2 | 29.5 | 25.2 | 21.8 | 19.2 | 15.2  | 12.5 | 10.4 | 8.91 | 7.72 | 6.78 | 5.68 | 4.85 | 4.02 |
| 14                                | 1.26                                  | 2.88 | 5.37 | 10.0 | 14.4 | 18.7 | 26.9 | 34.9 | 39.4 | 39.4 | 39.4 | 39.4 | 33.0 | 28.2 | 24.4 | 21.4 | 17.0  | 13.9 | 11.7 | 9.96 | 8.63 | 7.58 | 6.35 | 5.42 | 4.49 |
| 15                                | 1.36                                  | 3.10 | 5.79 | 10.8 | 15.6 | 20.1 | 29.0 | 37.6 | 43.7 | 43.7 | 43.7 | 43.7 | 36.6 | 31.2 | 27.1 | 23.8 | 18.9  | 15.4 | 12.9 | 11.0 | 9.57 | 8.40 | 7.04 | 6.01 | 4.98 |
| 16                                | 1.46                                  | 3.32 | 6.20 | 11.6 | 16.7 | 21.6 | 31.1 | 40.3 | 48.1 | 48.1 | 48.1 | 48.1 | 40.3 | 34.4 | 29.8 | 26.2 | 20.8  | 17.0 | 14.3 | 12.2 | 10.5 | 9.26 | 7.76 | 6.62 | 5.49 |
| 17                                | 1.56                                  | 3.55 | 6.62 | 12.4 | 17.8 | 23.1 | 33.2 | 43.0 | 52.6 | 52.7 | 52.7 | 52.7 | 44.1 | 37.7 | 32.7 | 28.7 | 22.8  | 18.6 | 15.6 | 13.3 | 11.6 | 10.1 | 8.50 | 7.25 | 0    |
| 18                                | 1.66                                  | 3.78 | 7.05 | 13.1 | 18.9 | 24.5 | 35.3 | 45.8 | 56.0 | 57.4 | 57.4 | 57.4 | 48.1 | 41.1 | 35.6 | 31.2 | 24.8  | 20.3 | 17.0 | 14.5 | 12.6 | 11.0 | 9.26 | 7.90 | 0    |
| 19                                | 1.75                                  | 4.00 | 7.47 | 13.9 | 20.1 | 26.0 | 37.5 | 48.5 | 59.3 | 61.7 | 61.7 | 61.7 | 52.2 | 44.5 | 38.6 | 33.9 | 26.9  | 22.0 | 18.4 | 15.7 | 13.6 | 12.0 | 10.0 | 8.57 | 0    |
| 20                                | 1.85                                  | 4.23 | 7.89 | 14.7 | 21.2 | 27.5 | 39.6 | 51.3 | 62.7 | 65.3 | 65.3 | 65.3 | 56.3 | 48.1 | 41.7 | 36.6 | 29.0  | 23.8 | 19.9 | 17.0 | 14.7 | 12.9 | 10.8 | 9.26 | 0    |
| 21                                | 1.95                                  | 4.46 | 8.32 | 15.5 | 22.4 | 29.0 | 41.7 | 54.1 | 66.1 | 68.8 | 68.8 | 68.8 | 60.6 | 51.8 | 44.9 | 39.4 | 31.2  | 25.6 | 21.4 | 18.3 | 15.9 | 13.9 | 11.7 | 9.96 | 0    |
| 22                                | 2.06                                  | 4.69 | 8.75 | 16.3 | 23.5 | 30.5 | 43.9 | 56.9 | 69.5 | 72.3 | 72.3 | 72.3 | 65.0 | 55.5 | 48.1 | 42.2 | 33.5  | 27.4 | 23.0 | 19.6 | 17.0 | 14.9 | 12.5 | 10.7 | 0    |
| 23                                | 2.16                                  | 4.92 | 9.18 | 17.1 | 24.7 | 32.0 | 46.0 | 59.7 | 72.9 | 75.9 | 75.9 | 75.9 | 69.5 | 59.3 | 51.4 | 45.1 | 35.8  | 29.3 | 24.6 | 21.0 | 18.2 | 16.0 | 13.4 | 11.4 | 0    |
| 24                                | 2.26                                  | 5.15 | 9.61 | 17.9 | 25.8 | 33.5 | 48.2 | 62.5 | 76.4 | 79.5 | 79.5 | 79.5 | 74.1 | 63.2 | 54.8 | 48.1 | 38.2  | 31.2 | 26.2 | 22.4 | 19.4 | 17.0 | 14.3 | 12.2 | 0    |
| 25                                | 2.36                                  | 5.38 | 10.0 | 18.7 | 27.0 | 35.0 | 50.4 | 65.3 | 79.8 | 83.0 | 83.0 | 83.0 | 78.7 | 67.2 | 58.3 | 51.1 | 40.6  | 33.2 | 27.8 | 23.8 | 20.6 | 18.1 | 15.2 | 0    | —    |
| 26                                | 2.46                                  | 5.62 | 10.5 | 19.6 | 28.2 | 36.5 | 52.6 | 68.1 | 83.2 | 86.6 | 86.6 | 86.6 | 83.5 | 71.3 | 61.8 | 54.2 | 43.0  | 35.2 | 29.5 | 25.2 | 21.8 | 19.2 | 16.1 | 0    | —    |
| 28                                | 2.67                                  | 6.08 | 11.4 | 21.2 | 30.5 | 39.5 | 56.9 | 73.8 | 90.2 | 93.9 | 93.9 | 93.9 | 93.3 | 79.7 | 69.1 | 60.6 | 48.1  | 39.4 | 33.0 | 28.2 | 24.4 | 21.4 | 18.0 | 0    | —    |
| 30                                | 2.87                                  | 6.55 | 12.2 | 22.8 | 32.9 | 42.6 | 61.4 | 79.5 | 97.2 | 104  | 104  | 104  | 104  | 88.4 | 76.6 | 67.2 | 53.3  | 43.7 | 36.6 | 31.2 | 27.1 | 23.8 | 19.9 | 0    | —    |
| 32                                | 3.08                                  | 7.03 | 13.1 | 24.5 | 35.3 | 45.7 | 65.8 | 85.2 | 104  | 114  | 114  | 114  | 114  | 97.4 | 84.4 | 74.1 | 58.8  | 48.1 | 40.3 | 34.4 | 29.8 | 26.2 | 0    | —    | —    |
| 35                                | 3.39                                  | 7.74 | 14.4 | 27.0 | 38.8 | 50.3 | 72.5 | 93.9 | 115  | 130  | 130  | 130  | 130  | 111  | 96.5 | 84.7 | 67.2  | 55.0 | 46.1 | 39.4 | 34.1 | 30.0 | 0    | —    | —    |
| 40                                | 3.92                                  | 8.94 | 16.7 | 31.1 | 44.9 | 58.1 | 83.7 | 108  | 133  | 153  | 153  | 153  | 153  | 136  | 118  | 103  | 82.1  | 67.2 | 56.3 | 48.1 | 41.7 | 0    | —    | —    | —    |
| Lubri-<br>ca-<br>tion             | I                                     |      |      | II   |      |      |      | III  |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |

Remarks) 1. For HP rating of multiple strand, multiply the HP above by multiple strand factor shown in the table at right.

2. The operation in right part of the dotted line is not recommended.

3. The lubrication type is as follows. Type I : Manual & Drip feed, Type II : Oil bath and Disc, Type III : Pump

4. Dimensions & Ratings are subject to change without notice. Certified dimensions furnished upon request.

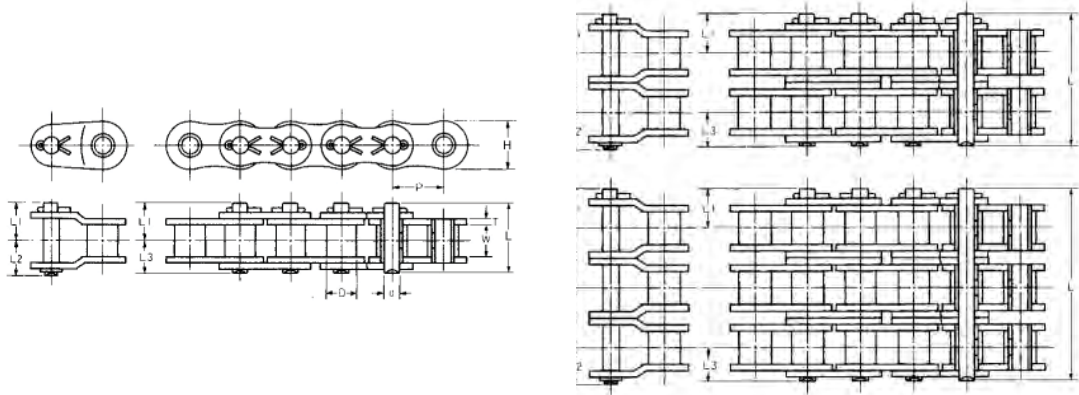
| Number of Strands       | 2   | 3   | 4   | 5   | 6   |
|-------------------------|-----|-----|-----|-----|-----|
| Multiple Strand Factors | 1.7 | 2.5 | 3.3 | 3.9 | 4.6 |

# Chain No. 100

## 1.250"/31.75mm Pitch

### ANSI Roller Chain

**TOLTEC**  
INCORPORATED

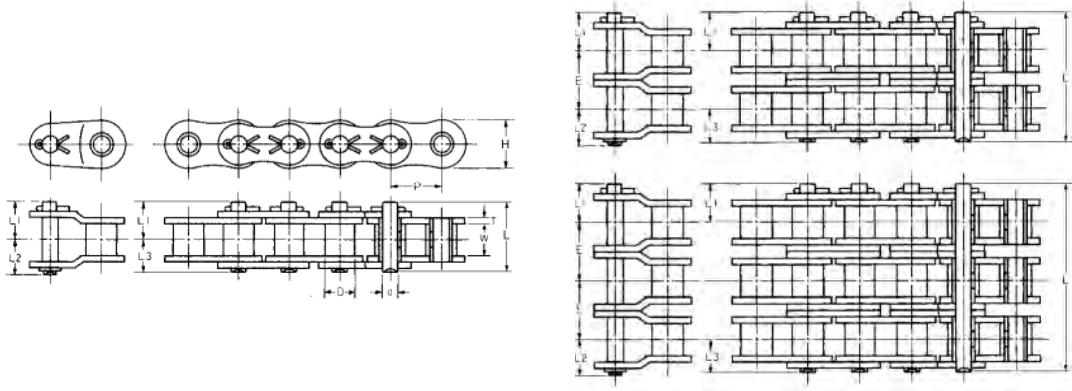


UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin   |       |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|-------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L     | L1    | L2    | L3    | E           | Lb/kg                    | Lb/kg             | Lb/ft kg/m    |
| 100       | 100      | 1.250 | 0.750        | 0.755              | 1.185      | 0.158 | 0.375    | 1.698 | 0.925 | 0.846 | 0.787 | 1.411       | 26,460                   | 5,513             | 2.801         |
|           |          | 31.75 | 19.05        | 19.15              | 30.1       | 4.0   | 9.53     | 43.1  | 23.5  | 21.5  | 20.0  | 35.8        | 12,000                   | 2,500             | 4.2           |
| 100-2     | 100-2    | 1.250 | 0.750        | 0.755              | 1.185      | 0.158 | 0.375    | 3.109 | 0.925 | 0.846 | 0.787 | 1.411       | 52,920                   | 9,371             | 5.603         |
|           |          | 31.75 | 19.05        | 19.15              | 30.1       | 4.0   | 9.53     | 78.9  | 23.5  | 21.5  | 20.0  | 35.8        | 24,000                   | 4,250             | 8.4           |
| 100-3     | 100-3    | 1.250 | 0.750        | 0.755              | 1.185      | 0.158 | 0.375    | 4.519 | 0.925 | 0.846 | 0.787 | 1.411       | 79,380                   | 13,781            | 8.338         |
|           |          | 31.75 | 19.05        | 19.15              | 30.1       | 4.0   | 9.53     | 114.7 | 23.5  | 21.5  | 20.0  | 35.8        | 36,000                   | 6,250             | 12.5          |
| 100-4     | 100-4    | 1.250 | 0.750        | 0.755              | 1.185      | 0.158 | 0.375    | 5.930 | 0.925 | 0.846 | 0.787 | 1.411       | 105,840                  | 18,191            | 11.006        |
|           |          | 31.75 | 19.05        | 19.15              | 30.1       | 4.0   | 9.53     | 150.5 | 23.5  | 21.5  | 20.0  | 35.8        | 48,000                   | 8,250             | 16.5          |
| 100-5     | 100-5    | 1.250 | 0.750        | 0.755              | 1.185      | 0.158 | 0.375    | 7.340 | 0.925 | 0.846 | 0.787 | 1.411       | 132,300                  | 21,499            | 13.807        |
|           |          | 31.75 | 19.05        | 19.15              | 30.1       | 4.0   | 9.53     | 186.3 | 23.5  | 21.5  | 20.0  | 35.8        | 60,000                   | 9,750             | 20.7          |
| 100-6     | 100-6    | 1.250 | 0.750        | 0.755              | 1.185      | 0.158 | 0.375    | 8.751 | 0.925 | 0.846 | 0.787 | 1.411       | 158,760                  | 25,358            | 16.542        |
|           |          | 31.75 | 19.05        | 19.15              | 30.1       | 4.0   | 9.53     | 222.1 | 23.5  | 21.5  | 20.0  | 35.8        | 72,000                   | 11,500            | 24.8          |

1. Riveted construction is standard.

Note: Dimensions subject to change. Certified dimensions furnished upon request.



#### Horsepower Ratings Single Strand Roller Chain

UNIT Upper: inch  
Beneath: mm

| No. of<br>Teeth<br>Small<br>Spkt. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |  |
|-----------------------------------|---------------------------------------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|--|
|                                   | 10                                    | 25   | 50   | 100  | 200  | 300  | 400  | 500   | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1600  | 1800 | 2000 | 2200 | 2400 | 2500 | 2600 |  |
| 11                                | 1.07                                  | 2.45 | 4.57 | 8.53 | 16.0 | 22.9 | 29.6 | 36.3  | 42.8 | 40.1 | 32.7 | 27.5 | 23.5 | 20.4 | 17.8 | 15.8 | 14.2 | 11.59 | 9.71 | 8.29 | 7.19 | 6.30 | 5.93 | 5.59 |  |
| 12                                | 1.18                                  | 2.68 | 5.02 | 9.36 | 17.4 | 25.2 | 32.6 | 39.8  | 46.9 | 45.6 | 37.4 | 31.2 | 26.7 | 23.2 | 20.4 | 18.0 | 16.1 | 13.21 | 11.1 | 9.45 | 8.19 | 7.19 | 6.73 | 0    |  |
| 13                                | 1.29                                  | 2.94 | 5.47 | 10.2 | 19.0 | 27.5 | 35.5 | 43.4  | 51.2 | 51.5 | 42.1 | 35.3 | 30.2 | 26.1 | 22.9 | 20.4 | 18.2 | 14.9  | 12.5 | 10.6 | 9.24 | 8.10 | 7.62 | 0    |  |
| 14                                | 1.39                                  | 3.18 | 5.93 | 11.1 | 20.7 | 29.8 | 38.5 | 47.1  | 55.5 | 57.5 | 47.1 | 39.4 | 33.7 | 29.2 | 25.6 | 22.7 | 20.4 | 16.6  | 13.9 | 11.9 | 10.3 | 9.05 | 8.52 | 0    |  |
| 15                                | 1.50                                  | 3.42 | 6.38 | 11.9 | 22.3 | 32.0 | 41.4 | 50.7  | 59.8 | 63.8 | 52.2 | 43.7 | 37.4 | 32.3 | 28.4 | 25.2 | 22.5 | 18.5  | 15.4 | 13.2 | 11.5 | 10.0 | 0    | 0    |  |
| 16                                | 1.61                                  | 3.67 | 6.84 | 12.8 | 23.9 | 34.3 | 44.5 | 54.3  | 64.1 | 70.3 | 57.5 | 48.1 | 41.2 | 35.7 | 31.2 | 27.8 | 24.8 | 20.4  | 17.0 | 14.5 | 12.6 | 11.1 | 0    | —    |  |
| 17                                | 1.72                                  | 3.92 | 7.31 | 13.7 | 25.5 | 36.6 | 47.5 | 58.1  | 68.4 | 77.0 | 63.0 | 52.8 | 45.1 | 39.0 | 34.3 | 30.4 | 27.2 | 22.3  | 18.6 | 16.0 | 13.8 | 12.1 | 0    | —    |  |
| 18                                | 1.82                                  | 4.17 | 7.78 | 14.5 | 27.1 | 39.0 | 50.6 | 61.7  | 72.8 | 83.5 | 68.7 | 57.5 | 49.1 | 42.5 | 37.4 | 33.1 | 29.6 | 24.3  | 20.4 | 17.3 | 15.0 | 0    | 0    | —    |  |
| 19                                | 1.93                                  | 4.41 | 8.25 | 15.4 | 28.7 | 41.3 | 53.5 | 65.4  | 77.1 | 88.6 | 74.4 | 62.4 | 53.2 | 46.1 | 40.5 | 35.9 | 32.2 | 26.3  | 22.0 | 18.8 | 16.4 | 0    | —    | —    |  |
| 20                                | 2.05                                  | 4.67 | 8.72 | 16.2 | 30.3 | 43.7 | 56.6 | 69.2  | 81.5 | 93.6 | 80.3 | 67.3 | 57.5 | 49.9 | 43.7 | 38.8 | 34.7 | 28.4  | 23.9 | 20.4 | 17.6 | 0    | —    | —    |  |
| 21                                | 2.16                                  | 4.92 | 9.19 | 17.2 | 31.9 | 46.0 | 59.7 | 73.0  | 86.0 | 98.7 | 86.5 | 72.4 | 61.8 | 53.6 | 47.1 | 41.7 | 37.4 | 30.6  | 25.6 | 21.9 | 18.9 | 0    | —    | —    |  |
| 22                                | 2.27                                  | 5.18 | 9.66 | 18.0 | 33.7 | 48.4 | 62.8 | 76.7  | 90.4 | 104  | 92.7 | 77.6 | 66.4 | 57.5 | 50.4 | 44.8 | 40.1 | 32.7  | 27.5 | 23.5 | 20.4 | 0    | —    | —    |  |
| 23                                | 2.37                                  | 5.43 | 10.1 | 18.9 | 35.3 | 50.8 | 65.8 | 80.5  | 94.8 | 109  | 99.1 | 83.0 | 70.9 | 61.4 | 53.9 | 47.9 | 42.8 | 35.0  | 29.4 | 25.1 | 20.7 | 0    | —    | —    |  |
| 24                                | 2.49                                  | 5.69 | 10.6 | 19.8 | 36.9 | 53.2 | 68.9 | 84.2  | 99.2 | 114  | 106  | 88.5 | 75.6 | 65.6 | 57.5 | 51.0 | 45.6 | 37.4  | 31.2 | 26.7 | 0    | 0    | —    | —    |  |
| 25                                | 2.60                                  | 5.94 | 11.1 | 20.7 | 38.6 | 55.7 | 72.0 | 88.1  | 104  | 119  | 112  | 94.1 | 80.3 | 69.6 | 61.1 | 54.2 | 48.5 | 39.7  | 33.3 | 28.4 | 0    | —    | —    | —    |  |
| 26                                | 2.72                                  | 6.20 | 11.6 | 21.6 | 40.2 | 58.1 | 75.1 | 91.9  | 108  | 124  | 119  | 99.8 | 85.3 | 73.9 | 64.9 | 57.5 | 51.5 | 42.1  | 35.3 | 30.2 | 0    | —    | —    | —    |  |
| 28                                | 2.94                                  | 6.72 | 12.5 | 23.3 | 43.6 | 62.9 | 81.4 | 99.5  | 117  | 134  | 133  | 112  | 95.2 | 82.6 | 72.4 | 64.2 | 57.5 | 47.1  | 39.4 | 33.7 | 0    | —    | —    | —    |  |
| 30                                | 3.16                                  | 7.23 | 13.5 | 25.2 | 46.9 | 67.7 | 87.7 | 107.1 | 126  | 145  | 148  | 124  | 106  | 91.6 | 80.3 | 71.2 | 63.8 | 52.2  | 43.7 | 0    | 0    | —    | —    | —    |  |
| 32                                | 3.41                                  | 7.75 | 14.5 | 27.0 | 50.4 | 72.5 | 94.0 | 115   | 135  | 156  | 162  | 137  | 116  | 101  | 88.5 | 78.4 | 70.3 | 57.5  | 48.1 | 0    | —    | —    | —    | —    |  |
| 35                                | 3.74                                  | 8.54 | 16.0 | 29.8 | 55.5 | 79.9 | 104  | 127   | 149  | 172  | 186  | 156  | 133  | 115  | 101  | 89.8 | 80.3 | 65.7  | 55.1 | 0    | —    | —    | —    | —    |  |
| 40                                | 4.33                                  | 9.87 | 18.4 | 34.3 | 64.1 | 92.4 | 120  | 146   | 173  | 198  | 224  | 190  | 162  | 141  | 124  | 110  | 98.2 | 80.3  | 0    | —    | —    | —    | —    | —    |  |
| Lubri-<br>cation                  | I                                     |      |      | II   |      |      | III  |       |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |  |

|                         |     |     |     |     |     |
|-------------------------|-----|-----|-----|-----|-----|
| Number of Strands       | 2   | 3   | 4   | 5   | 6   |
| Multiple Strand Factors | 1.7 | 2.5 | 3.3 | 3.9 | 4.6 |

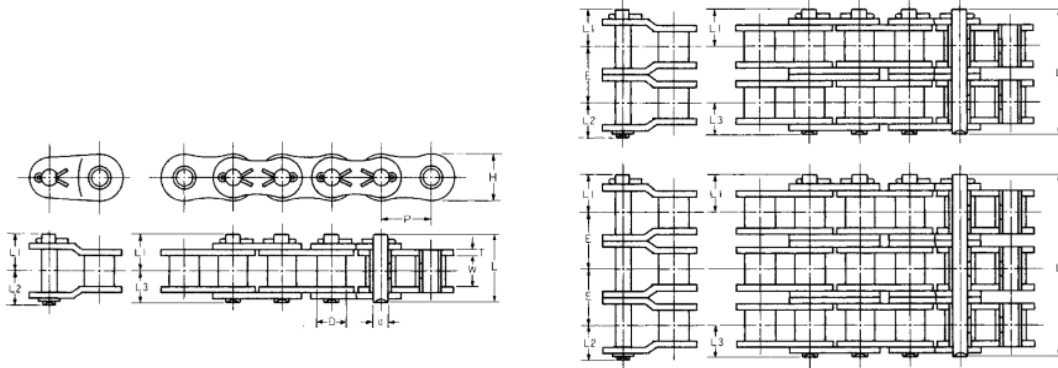
- Remarks)
1. For HP rating of multiple strand, multiply the HP above by multiple strand factor shown in the table at right.
  2. The operation in right part of the dotted line is not recommended.
  3. The lubrication type is as follows. Type I : Manual & Drip feed, Type II : Oil bath and Disc, Type III : Pump
  4. Dimensions & Ratings are subject to change without notice. Certified dimensions furnished upon request.

# Chain No. 120

## 1.500"/38.10mm Pitch

### ANSI Roller Chain

**TOLTEC**  
INCORPORATED

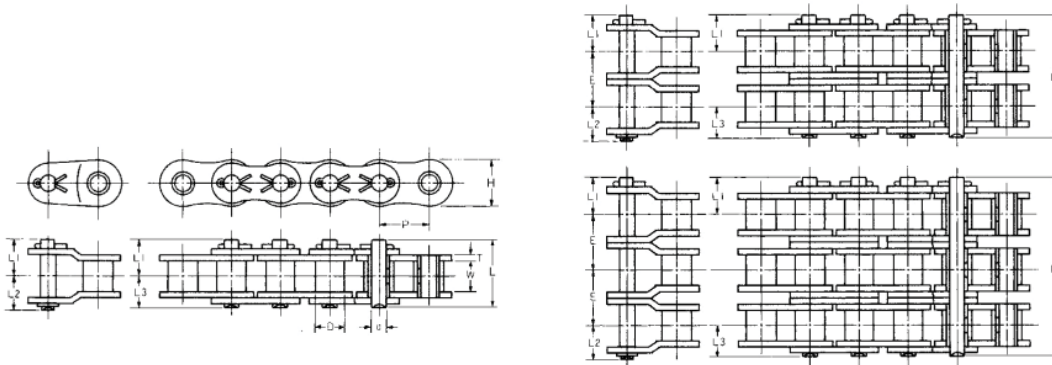


UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin    |       |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|--------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L      | L1    | L2    | L3    | E           | Lb/kg                    | Lb/kg             | Lb/ft kg/m    |
| 120       | 120      | 1.500 | 0.876        | 1.007              | 1.425      | 0.189 | 0.438    | 2.124  | 1.119 | 1.071 | 0.989 | 1.789       | 37,044                   | 7,277             | 4.135         |
|           |          | 38.10 | 22.23        | 25.55              | 36.2       | 4.8   | 11.11    | 53.9   | 28.4  | 27.2  | 25.1  | 45.4        | 16,800                   | 3,300             | 6.2           |
| 120-2     | 120-2    | 1.500 | 0.876        | 1.007              | 1.425      | 0.189 | 0.438    | 3.897  | 1.119 | 1.071 | 0.989 | 1.789       | 74,088                   | 12,370            | 8.137         |
|           |          | 38.10 | 22.23        | 25.55              | 36.2       | 4.8   | 11.11    | 98.9   | 28.4  | 27.2  | 25.1  | 45.4        | 33,600                   | 5,610             | 12.2          |
| 120-3     | 120-3    | 1.500 | 0.876        | 1.007              | 1.425      | 0.189 | 0.438    | 5.685  | 1.119 | 1.071 | 0.989 | 1.789       | 111,132                  | 18,191            | 12.206        |
|           |          | 38.10 | 22.23        | 25.55              | 36.2       | 4.8   | 11.11    | 144.3  | 28.4  | 27.2  | 25.1  | 45.4        | 50,400                   | 8,250             | 18.3          |
| 120-4     | 120-4    | 1.500 | 0.876        | 1.007              | 1.425      | 0.189 | 0.438    | 7.474  | 1.119 | 1.071 | 0.989 | 1.789       | 148,176                  | 24,012            | 16.342        |
|           |          | 38.10 | 22.23        | 25.55              | 36.2       | 4.8   | 11.11    | 189.7  | 28.4  | 27.2  | 25.1  | 45.4        | 67,200                   | 10,890            | 24.5          |
| 120-5     | 120-5    | 1.500 | 0.876        | 1.007              | 1.425      | 0.189 | 0.438    | 9.263  | 1.119 | 1.071 | 0.989 | 1.789       | 185,220                  | 28,378            | 20.410        |
|           |          | 38.10 | 22.23        | 25.55              | 36.2       | 4.8   | 11.11    | 235.1  | 28.4  | 27.2  | 25.1  | 45.4        | 84,000                   | 12,870            | 30.6          |
| 120-6     | 120-6    | 1.500 | 0.876        | 1.007              | 1.425      | 0.189 | 0.438    | 11.052 | 1.119 | 1.071 | 0.989 | 1.789       | 222,264                  | 33,472            | 24.546        |
|           |          | 38.10 | 22.23        | 25.55              | 36.2       | 4.8   | 11.11    | 280.5  | 28.4  | 27.2  | 25.1  | 45.4        | 100,800                  | 15,180            | 36.8          |

1. Riveted construction is standard.

Note: Dimensions subject to change. Certified dimensions furnished upon request.



#### Horsepower Ratings Single Strand Roller Chain

UNIT Upper: inch  
Beneath: mm

| No. of Teeth Small Spkt. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |
|--------------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|
|                          | 10                                    | 25   | 50   | 100  | 150  | 200  | 300  | 400  | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700  | 1800 |      | 1900 | 2000 |
| 11                       | 1.85                                  | 4.22 | 7.87 | 14.8 | 21.2 | 27.4 | 39.4 | 51.1 | 62.5 | 58.3 | 46.4 | 38.0 | 31.8 | 27.1 | 23.5 | 20.7 | 18.4 | 16.4 | 14.8 | 13.4 | 12.24 | 11.2 | 10.4 | 9.59 | 0    |
| 12                       | 2.04                                  | 4.64 | 8.65 | 16.1 | 23.2 | 30.2 | 43.3 | 56.2 | 68.7 | 66.5 | 52.8 | 43.2 | 36.2 | 31.0 | 26.8 | 23.5 | 20.9 | 18.6 | 16.9 | 15.3 | 13.9  | 12.8 | 11.8 | 10.9 | 0    |
| 13                       | 2.21                                  | 5.06 | 9.43 | 17.6 | 25.3 | 32.9 | 47.3 | 61.3 | 75.0 | 75.0 | 59.5 | 48.7 | 40.9 | 34.9 | 30.2 | 26.6 | 23.5 | 21.1 | 19.0 | 17.2 | 15.7  | 14.5 | 13.3 | 0    | 0    |
| 14                       | 2.40                                  | 5.47 | 10.2 | 19.0 | 27.5 | 35.5 | 51.2 | 66.4 | 81.1 | 83.8 | 66.5 | 54.4 | 45.6 | 39.0 | 33.8 | 29.6 | 26.3 | 23.5 | 21.2 | 19.3 | 17.6  | 16.1 | 14.9 | 0    | —    |
| 15                       | 2.59                                  | 5.90 | 11.0 | 20.5 | 29.6 | 38.4 | 55.2 | 71.5 | 87.4 | 92.9 | 73.8 | 60.3 | 50.6 | 43.2 | 37.4 | 32.9 | 29.1 | 26.1 | 23.5 | 21.3 | 19.4  | 17.8 | 16.5 | 0    | —    |
| 16                       | 2.78                                  | 6.33 | 11.8 | 22.0 | 31.8 | 41.0 | 59.1 | 76.7 | 93.7 | 102  | 81.3 | 66.5 | 55.8 | 47.6 | 41.3 | 36.2 | 32.2 | 28.7 | 25.9 | 23.5 | 21.5  | 19.7 | 0    | 0    | —    |
| 17                       | 2.96                                  | 6.75 | 12.6 | 23.5 | 33.9 | 43.9 | 63.2 | 81.8 | 100  | 112  | 89.0 | 72.8 | 61.0 | 52.2 | 45.2 | 39.7 | 35.1 | 31.5 | 28.4 | 25.7 | 23.5  | 21.6 | 0    | 0    | —    |
| 18                       | 3.15                                  | 7.17 | 13.4 | 24.9 | 36.1 | 46.7 | 67.2 | 87.0 | 106  | 122  | 97.0 | 79.4 | 66.5 | 56.9 | 49.2 | 43.2 | 38.4 | 34.3 | 31.0 | 28.0 | 25.6  | 23.5 | 0    | 0    | —    |
| 19                       | 3.34                                  | 7.62 | 14.2 | 26.6 | 38.2 | 49.5 | 71.2 | 92.3 | 113  | 132  | 105  | 86.1 | 72.1 | 61.6 | 53.4 | 46.8 | 41.6 | 37.1 | 33.5 | 30.4 | 27.8  | 25.5 | 0    | —    | —    |
| 20                       | 3.53                                  | 8.05 | 15.0 | 28.0 | 40.4 | 52.3 | 75.4 | 97.6 | 119  | 141  | 114  | 92.9 | 77.9 | 66.5 | 57.7 | 50.6 | 44.9 | 40.2 | 36.2 | 32.9 | 30.0  | 20.4 | 0    | —    | —    |
| 21                       | 3.71                                  | 8.48 | 15.8 | 29.5 | 42.5 | 55.1 | 79.4 | 103  | 126  | 148  | 122  | 100  | 83.8 | 71.6 | 62.1 | 54.4 | 48.3 | 43.2 | 39.0 | 35.4 | 32.3  | 0    | 0    | —    | —    |
| 22                       | 3.92                                  | 8.92 | 16.6 | 31.1 | 44.8 | 57.9 | 83.5 | 108  | 132  | 156  | 131  | 107  | 89.8 | 76.7 | 66.5 | 58.3 | 51.8 | 46.4 | 41.8 | 38.0 | 34.6  | 0    | —    | —    | —    |
| 23                       | 4.10                                  | 9.36 | 17.4 | 32.6 | 46.9 | 60.7 | 87.6 | 113  | 138  | 164  | 139  | 115  | 96.1 | 82.1 | 71.1 | 62.4 | 55.4 | 49.5 | 44.7 | 40.5 | 37.0  | 0    | —    | —    | —    |
| 24                       | 4.29                                  | 9.80 | 18.2 | 34.1 | 49.1 | 63.7 | 91.7 | 119  | 145  | 172  | 149  | 122  | 102  | 87.4 | 75.8 | 66.5 | 59.0 | 52.8 | 47.6 | 43.2 | 28.8  | 0    | —    | —    | —    |
| 25                       | 4.49                                  | 10.2 | 19.0 | 35.7 | 51.4 | 66.5 | 95.9 | 124  | 152  | 178  | 158  | 130  | 109  | 92.9 | 80.6 | 70.7 | 62.8 | 56.2 | 50.6 | 46.0 | 0     | 0    | —    | —    | —    |
| 26                       | 4.68                                  | 10.7 | 20.0 | 37.1 | 53.6 | 69.5 | 100  | 130  | 158  | 186  | 169  | 138  | 115  | 98.6 | 85.4 | 75.0 | 66.5 | 59.5 | 53.6 | 48.7 | 0     | 0    | —    | —    | —    |
| 28                       | 5.07                                  | 11.6 | 21.6 | 40.4 | 58.1 | 75.2 | 108  | 141  | 172  | 202  | 188  | 154  | 129  | 110  | 95.5 | 83.8 | 74.3 | 66.5 | 59.9 | 41.4 | 0     | —    | —    | —    | —    |
| 30                       | 5.47                                  | 12.5 | 23.2 | 43.4 | 62.5 | 81.0 | 117  | 152  | 185  | 217  | 209  | 170  | 143  | 122  | 106  | 92.9 | 82.5 | 73.8 | 66.5 | 0    | 0     | —    | —    | —    | —    |
| 32                       | 5.86                                  | 13.4 | 24.9 | 46.5 | 67.1 | 86.9 | 125  | 162  | 198  | 233  | 229  | 188  | 158  | 134  | 117  | 102  | 90.8 | 81.3 | 59.0 | 0    | —     | —    | —    | —    | —    |
| 35                       | 6.45                                  | 14.8 | 27.5 | 51.2 | 73.9 | 95.7 | 138  | 178  | 219  | 257  | 263  | 216  | 181  | 154  | 134  | 117  | 104  | 92.9 | 0    | 0    | —     | —    | —    | —    | —    |
| 40                       | 7.46                                  | 17.0 | 31.8 | 59.3 | 85.3 | 110  | 160  | 207  | 252  | 298  | 322  | 263  | 220  | 188  | 164  | 143  | 112  | 0    | 0    | —    | —     | —    | —    | —    | —    |
| Lubrication              | I                                     |      |      | II   |      |      | III  |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |

Remarks) 1. For HP rating of multiple strand, multiply the HP above by multiple strand factor shown in the table at right.

| Number of Strands       | 2   | 3   | 4   | 5   | 6   |
|-------------------------|-----|-----|-----|-----|-----|
| Multiple Strand Factors | 1.7 | 2.5 | 3.3 | 3.9 | 4.6 |

2. The operation in right part of the dotted line is not recommended.

3. The lubrication type is as follows. Type I : Manual & Drip feed, Type II : Oil bath and Disc, Type III : Pump

4. Dimensions & Ratings are subject to change without notice. Certified dimensions furnished upon request.

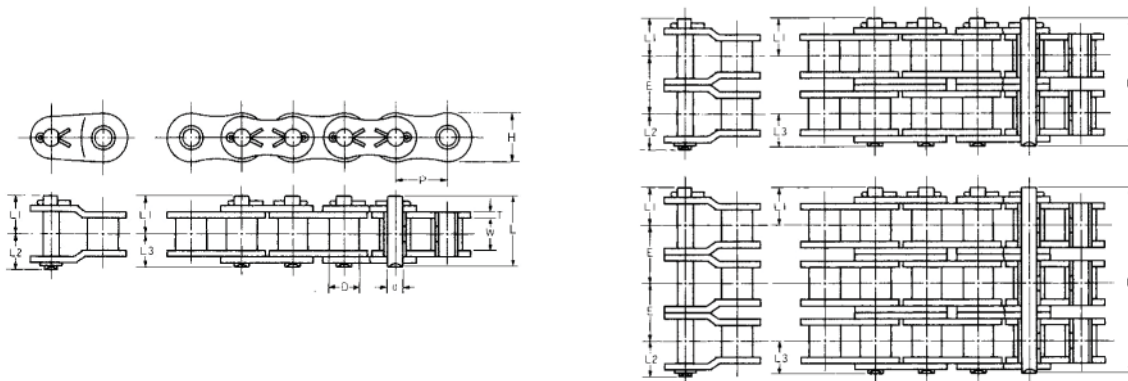


# Chain No. 140

## 1.750"/44.45mm Pitch

### ANSI Roller Chain

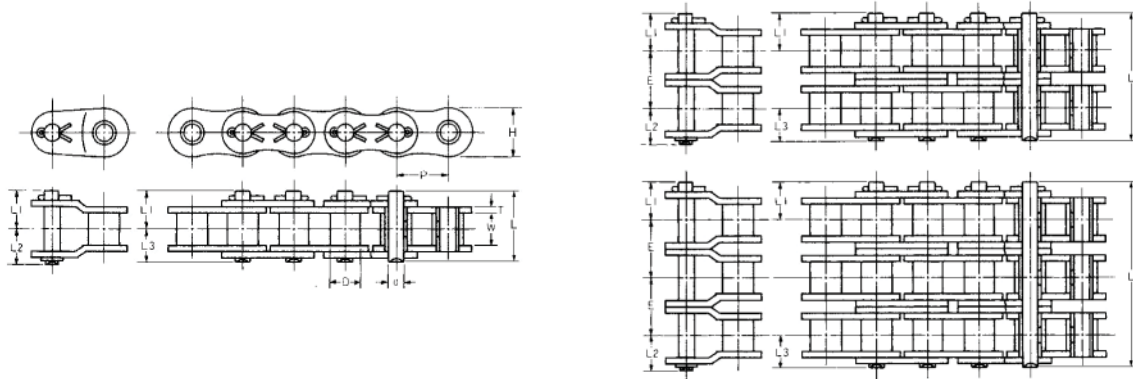
**TOLTEC**  
INCORPORATED



UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin    |       |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|--------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L      | L1    | L2    | L3    | E           | Lb/kg                    | Lb/kg             | Lb/ft kg/m    |
| 140       | 140      | 1.750 | 1.000        | 1.000              | 1.663      | 0.220 | 0.500    | 2.321  | 1.253 | 1.150 | 1.068 | 1.927       | 48,731                   | 9,702             | 5.136         |
|           |          | 44.45 | 25.40        | 25.40              | 42.2       | 5.6   | 12.70    | 58.9   | 31.8  | 29.2  | 27.1  | 48.9        | 22,100                   | 4,400             | 7.7           |
| 140-2     | 140-2    | 1.750 | 1.000        | 1.000              | 1.663      | 0.220 | 0.500    | 4.247  | 1.253 | 1.150 | 1.068 | 1.927       | 97,461                   | 16,493            | 10.072        |
|           |          | 44.45 | 25.40        | 25.40              | 42.2       | 5.6   | 12.70    | 107.8  | 31.8  | 29.2  | 27.1  | 48.9        | 44,200                   | 7,480             | 15.1          |
| 140-3     | 140-3    | 1.750 | 1.000        | 1.000              | 1.663      | 0.220 | 0.500    | 6.174  | 1.253 | 1.150 | 1.068 | 1.927       | 146,192                  | 24,255            | 15.074        |
|           |          | 44.45 | 25.40        | 25.40              | 42.2       | 5.6   | 12.70    | 156.7  | 31.8  | 29.2  | 27.1  | 48.9        | 66,300                   | 11,000            | 22.6          |
| 140-4     | 140-4    | 1.750 | 1.000        | 1.000              | 1.663      | 0.220 | 0.500    | 8.101  | 1.253 | 1.150 | 1.068 | 1.927       | 194,922                  | 32,017            | 20.077        |
|           |          | 44.45 | 25.40        | 25.40              | 42.2       | 5.6   | 12.70    | 205.6  | 31.8  | 29.2  | 27.1  | 48.9        | 88,400                   | 14,520            | 30.1          |
| 140-5     | 140-5    | 1.750 | 1.000        | 1.000              | 1.663      | 0.220 | 0.500    | 10.027 | 1.253 | 1.150 | 1.068 | 1.927       | 243,653                  | 37,838            | 25.013        |
|           |          | 44.45 | 25.40        | 25.40              | 42.2       | 5.6   | 12.70    | 254.5  | 31.8  | 29.2  | 27.1  | 48.9        | 110,500                  | 17,160            | 37.5          |
| 140-6     | 140-6    | 1.750 | 1.000        | 1.000              | 1.663      | 0.220 | 0.500    | 11.954 | 1.253 | 1.150 | 1.068 | 1.927       | 292,383                  | 44,629            | 30.015        |
|           |          | 44.45 | 25.40        | 25.40              | 42.2       | 5.6   | 12.70    | 303.4  | 31.8  | 29.2  | 27.1  | 48.9        | 132,600                  | 20,240            | 45.0          |

Note: Dimensions subject to change. Certified dimensions furnished upon request.



#### Horsepower Ratings Single Strand Roller Chain

UNIT Upper: inch  
Beneath: mm

| No.<br>of<br>Teeth<br>Small<br>Spkt. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|--------------------------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
|                                      | 10                                    | 25   | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 |  |  |
| 11                                   | 2.88                                  | 6.56 | 12.2 | 22.8 | 33.0 | 42.6 | 52.2 | 61.4 | 70.5 | 79.7 | 88.5 | 86.9 | 75.2 | 66.1 | 52.4 | 42.9 | 35.9 | 30.7 | 26.6 | 23.3 | 20.7 | 18.5 | 16.8 | 15.2 | 6.36 |  |  |
| 12                                   | 3.16                                  | 7.21 | 13.4 | 25.1 | 36.2 | 46.8 | 57.3 | 67.5 | 77.5 | 87.4 | 97.2 | 99.0 | 85.8 | 75.2 | 59.7 | 48.9 | 41.0 | 35.0 | 30.3 | 26.6 | 23.6 | 21.1 | 19.0 | 16.2 | 0    |  |  |
| 13                                   | 3.45                                  | 7.86 | 14.6 | 27.4 | 39.4 | 51.1 | 62.5 | 73.6 | 84.5 | 95.3 | 106  | 112  | 96.7 | 84.9 | 67.3 | 55.1 | 46.1 | 39.4 | 34.2 | 30.0 | 26.6 | 23.9 | 21.5 | 10.9 | 0    |  |  |
| 14                                   | 3.73                                  | 8.52 | 16.0 | 29.6 | 42.8 | 55.4 | 67.6 | 79.7 | 91.6 | 103  | 115  | 125  | 108  | 94.8 | 75.2 | 61.6 | 51.6 | 44.1 | 38.2 | 33.5 | 29.8 | 26.6 | 24.0 | 0    | 0    |  |  |
| 15                                   | 4.02                                  | 9.17 | 17.2 | 31.9 | 46.0 | 59.7 | 73.0 | 85.8 | 98.7 | 111  | 124  | 135  | 120  | 105  | 83.4 | 68.3 | 57.3 | 48.9 | 42.4 | 37.1 | 33.0 | 29.5 | 26.6 | 0    | —    |  |  |
| 16                                   | 4.32                                  | 9.84 | 18.4 | 34.2 | 49.3 | 64.0 | 78.2 | 92.1 | 106  | 119  | 133  | 146  | 132  | 116  | 92.0 | 75.2 | 63.0 | 53.9 | 46.7 | 41.0 | 36.3 | 32.5 | 29.4 | 0    | —    |  |  |
| 17                                   | 4.60                                  | 10.5 | 19.6 | 36.6 | 52.7 | 68.3 | 83.4 | 98.3 | 113  | 127  | 142  | 156  | 145  | 127  | 101  | 82.5 | 69.1 | 59.0 | 51.1 | 44.9 | 39.8 | 35.7 | 24.1 | 0    | —    |  |  |
| 18                                   | 4.89                                  | 11.2 | 20.8 | 38.9 | 56.1 | 72.5 | 88.8 | 105  | 120  | 135  | 150  | 165  | 157  | 138  | 110  | 89.8 | 75.2 | 64.2 | 55.7 | 48.9 | 43.3 | 38.8 | 16.9 | 0    | —    |  |  |
| 19                                   | 5.19                                  | 11.8 | 22.1 | 41.3 | 59.4 | 77.0 | 94.1 | 111  | 127  | 143  | 160  | 176  | 170  | 150  | 119  | 97.4 | 81.7 | 69.7 | 60.3 | 53.0 | 47.1 | 42.1 | 0    | 0    | —    |  |  |
| 20                                   | 5.48                                  | 12.5 | 23.3 | 43.6 | 62.8 | 81.4 | 99.5 | 117  | 134  | 152  | 169  | 185  | 185  | 162  | 128  | 105  | 88.1 | 75.2 | 65.2 | 57.3 | 50.8 | 45.5 | 0    | —    | —    |  |  |
| 21                                   | 5.78                                  | 13.2 | 24.7 | 46.0 | 66.2 | 85.7 | 105  | 124  | 142  | 160  | 178  | 196  | 198  | 174  | 138  | 113  | 94.8 | 81.0 | 70.1 | 61.6 | 54.6 | 43.7 | 0    | —    | —    |  |  |
| 22                                   | 6.09                                  | 13.8 | 25.9 | 48.3 | 69.6 | 90.1 | 110  | 130  | 149  | 168  | 188  | 205  | 213  | 186  | 149  | 121  | 102  | 86.9 | 75.2 | 66.1 | 58.6 | 35.9 | 0    | —    | —    |  |  |
| 23                                   | 6.38                                  | 14.6 | 27.2 | 50.7 | 73.1 | 94.5 | 116  | 137  | 157  | 177  | 196  | 216  | 228  | 200  | 158  | 130  | 109  | 92.8 | 80.5 | 70.7 | 62.6 | 27.2 | 0    | —    | —    |  |  |
| 24                                   | 6.68                                  | 15.3 | 28.4 | 53.1 | 76.4 | 99.1 | 121  | 142  | 164  | 185  | 205  | 225  | 243  | 213  | 169  | 138  | 116  | 99.0 | 85.8 | 75.2 | 66.8 | 0    | 0    | —    | —    |  |  |
| 25                                   | 6.99                                  | 16.0 | 29.8 | 55.5 | 79.9 | 104  | 127  | 149  | 172  | 193  | 215  | 236  | 257  | 227  | 180  | 148  | 123  | 105  | 91.2 | 80.1 | 70.3 | 0    | 0    | —    | —    |  |  |
| 26                                   | 7.28                                  | 16.6 | 31.0 | 57.9 | 83.4 | 108  | 132  | 156  | 178  | 201  | 224  | 247  | 268  | 240  | 190  | 156  | 131  | 112  | 96.7 | 84.9 | 62.4 | 0    | —    | —    | —    |  |  |
| 28                                   | 7.90                                  | 18.0 | 33.7 | 62.8 | 90.2 | 117  | 143  | 169  | 193  | 219  | 243  | 267  | 291  | 268  | 213  | 174  | 146  | 125  | 108  | 94.8 | 43.7 | 0    | —    | —    | —    |  |  |
| 30                                   | 8.50                                  | 19.4 | 36.2 | 67.6 | 97.4 | 126  | 154  | 181  | 209  | 235  | 261  | 287  | 314  | 298  | 236  | 193  | 162  | 138  | 120  | 96.4 | 0    | 0    | —    | —    | —    |  |  |
| 32                                   | 9.12                                  | 20.8 | 38.8 | 72.4 | 104  | 135  | 165  | 194  | 224  | 252  | 280  | 308  | 335  | 327  | 260  | 213  | 178  | 153  | 132  | 78.2 | 0    | —    | —    | —    | —    |  |  |
| 35                                   | 10.0                                  | 22.9 | 42.8 | 79.8 | 115  | 149  | 182  | 215  | 247  | 278  | 308  | 339  | 370  | 375  | 298  | 244  | 204  | 174  | 130  | 45.1 | 0    | —    | —    | —    | —    |  |  |
| 40                                   | 11.6                                  | 26.4 | 49.3 | 92.1 | 133  | 172  | 211  | 248  | 284  | 320  | 357  | 393  | 428  | 426  | 363  | 298  | 249  | 172  | 77.9 | 0    | —    | —    | —    | —    | —    |  |  |
| Lu-<br>bri-<br>ca-<br>tion           | I                                     |      |      | II   |      |      | III  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|                                      |                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |

| Number of Strands       | 2   | 3   | 4   | 5   | 6   |
|-------------------------|-----|-----|-----|-----|-----|
| Multiple Strand Factors | 1.7 | 2.5 | 3.3 | 3.9 | 4.6 |

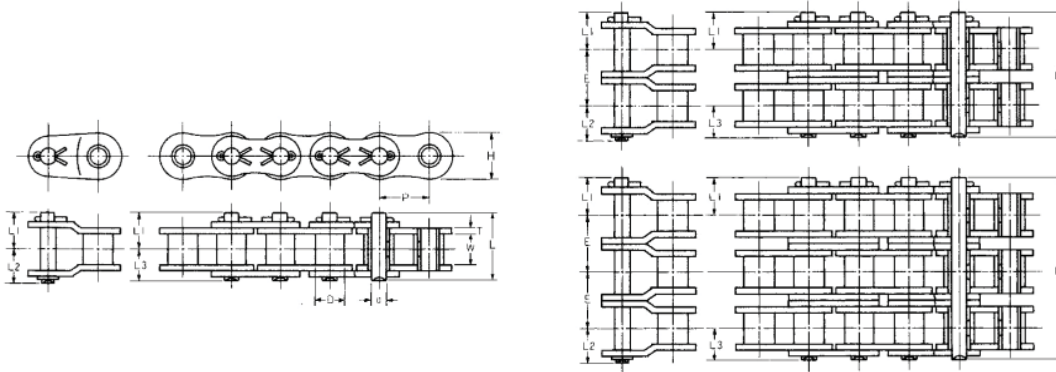
- Remarks) 1. For HP rating of multiple strand, multiply the HP above by multiple strand factor shown in the table at right.  
 2. The operation in right part of the dotted line is not recommended.  
 3. The lubrication type is as follows. Type I : Manual & Drip feed, Type II : Oil bath and Disc, Type III : Pump  
 4. Dimensions & Ratings are subject to change without notice. Certified dimensions furnished upon request.

# Chain No. 160

## 2.000"/50.80mm Pitch

### ANSI Roller Chain

**TOLTEC**  
INCORPORATED

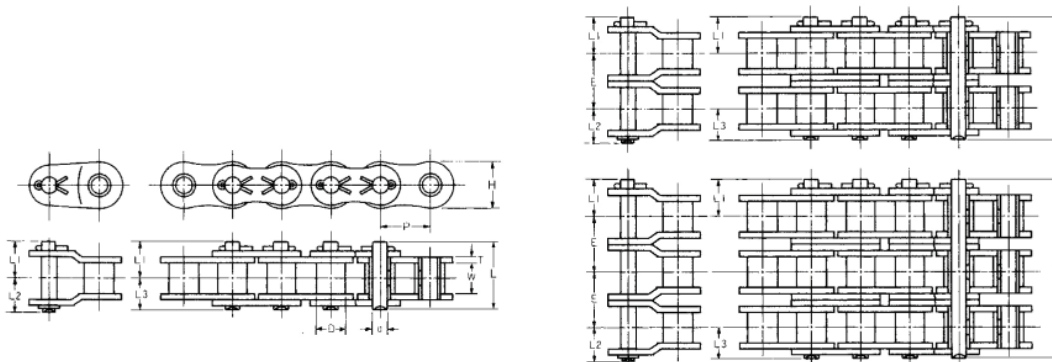


UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin    |       |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|--------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L      | L1    | L2    | L3    | E           | Lb/kg                    | Lb/kg             | Lb/ft kg/m    |
| 160       | 160      | 2.000 | 1.126        | 1.250              | 1.899      | 0.252 | 0.563    | 2.723  | 1.454 | 1.370 | 1.269 | 2.305       | 57,980                   | 12,128            | 6.603         |
|           |          | 50.80 | 28.58        | 31.75              | 48.2       | 6.4   | 14.29    | 69.1   | 36.9  | 34.8  | 32.2  | 58.5        | 26,300                   | 5,500             | 9.9           |
| 160-2     | 160-2    | 2.000 | 1.126        | 1.250              | 1.899      | 0.252 | 0.563    | 5.027  | 1.454 | 1.370 | 1.269 | 2.305       | 115,960                  | 20,617            | 13.073        |
|           |          | 50.80 | 28.58        | 31.75              | 48.2       | 6.4   | 14.29    | 127.6  | 36.9  | 34.8  | 32.2  | 58.5        | 52,600                   | 9,350             | 19.6          |
| 160-3     | 160-3    | 2.000 | 1.126        | 1.250              | 1.899      | 0.252 | 0.563    | 7.332  | 1.454 | 1.370 | 1.269 | 2.305       | 173,940                  | 30,319            | 19.543        |
|           |          | 50.80 | 28.58        | 31.75              | 48.2       | 6.4   | 14.29    | 186.1  | 36.9  | 34.8  | 32.2  | 58.5        | 78,900                   | 13,750            | 29.3          |
| 160-4     | 160-4    | 2.000 | 1.126        | 1.250              | 1.899      | 0.252 | 0.563    | 9.637  | 1.454 | 1.370 | 1.269 | 2.305       | 231,920                  | 40,021            | 25.946        |
|           |          | 50.80 | 28.58        | 31.75              | 48.2       | 6.4   | 14.29    | 244.6  | 36.9  | 34.8  | 32.2  | 58.5        | 105,200                  | 18,150            | 38.9          |
| 160-5     | 160-5    | 2.000 | 1.126        | 1.250              | 1.899      | 0.252 | 0.563    | 11.942 | 1.454 | 1.370 | 1.269 | 2.305       | 289,900                  | 47,297            | 32.416        |
|           |          | 50.80 | 28.58        | 31.75              | 48.2       | 6.4   | 14.29    | 303.1  | 36.9  | 34.8  | 32.2  | 58.5        | 131,500                  | 21,450            | 48.6          |
| 160-6     | 160-6    | 2.000 | 1.126        | 1.250              | 1.899      | 0.252 | 0.563    | 14.247 | 1.454 | 1.370 | 1.269 | 2.305       | 347,880                  | 55,787            | 38.886        |
|           |          | 50.80 | 28.58        | 31.75              | 48.2       | 6.4   | 14.29    | 361.6  | 36.9  | 34.8  | 32.2  | 58.5        | 157,800                  | 25,300            | 58.3          |

1. Riveted construction is standard.

Note: Dimensions subject to change. Certified dimensions furnished upon request.



#### Horsepower Ratings Single Strand Roller Chain

UNIT Upper: inch  
Beneath: mm

| No. of<br>Teeth<br>Small<br>Spkt. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |      |     |     |     |       |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------------------|---------------------------------------|------|------|------|------|------|------|------|-----|-----|-----|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                   | 10                                    | 25   | 50   | 100  | 150  | 200  | 250  | 300  | 350 | 400 | 450 | 500   | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 |
| 11                                | 4.10                                  | 9.36 | 17.4 | 32.6 | 46.9 | 60.9 | 74.4 | 87.7 | 101 | 114 | 113 | 96.7  | 83.8 | 73.5 | 65.2 | 58.3 | 52.6 | 47.7 | 43.6 | 40.0 | 34.2 | 29.6 | 26.0 | 23.1 | 0    |
| 12                                | 4.51                                  | 10.3 | 19.2 | 35.8 | 51.6 | 66.9 | 81.7 | 96.3 | 111 | 125 | 129 | 110.1 | 95.5 | 83.8 | 74.3 | 66.5 | 59.9 | 54.4 | 49.6 | 45.6 | 38.9 | 33.8 | 29.6 | 22.5 | 0    |
| 13                                | 4.92                                  | 11.2 | 20.9 | 39.0 | 56.3 | 73.0 | 89.0 | 105  | 121 | 135 | 145 | 124.2 | 108  | 94.4 | 83.8 | 75.0 | 67.6 | 61.3 | 56.1 | 51.4 | 43.9 | 38.1 | 33.4 | 18.4 | 0    |
| 14                                | 5.32                                  | 12.1 | 22.7 | 42.4 | 60.9 | 79.0 | 96.6 | 114  | 131 | 148 | 162 | 138   | 120  | 106  | 93.6 | 83.8 | 75.5 | 68.5 | 62.6 | 57.4 | 49.1 | 42.5 | 37.3 | 13.4 | 0    |
| 15                                | 5.74                                  | 13.1 | 24.4 | 45.6 | 65.7 | 85.0 | 104  | 123  | 141 | 158 | 177 | 154   | 133  | 117  | 104  | 92.9 | 83.8 | 76.0 | 69.5 | 63.7 | 54.4 | 47.2 | 41.4 | 0    | 0    |
| 16                                | 6.16                                  | 14.1 | 26.1 | 48.8 | 70.4 | 91.2 | 111  | 131  | 152 | 170 | 189 | 169   | 148  | 129  | 114  | 102  | 92.3 | 83.8 | 76.4 | 70.1 | 59.9 | 51.9 | 45.6 | 0    | 0    |
| 17                                | 6.57                                  | 15.0 | 28.0 | 52.2 | 75.2 | 97.4 | 119  | 141  | 161 | 182 | 202 | 185   | 161  | 141  | 125  | 112  | 101  | 91.7 | 83.8 | 76.8 | 65.6 | 56.9 | 42.9 | 0    | —    |
| 18                                | 6.99                                  | 16.0 | 29.8 | 55.5 | 79.9 | 104  | 127  | 149  | 172 | 193 | 215 | 202   | 176  | 154  | 137  | 122  | 110  | 99.9 | 91.2 | 83.8 | 71.5 | 62.0 | 37.8 | 0    | —    |
| 19                                | 3.38                                  | 16.9 | 31.5 | 58.9 | 84.8 | 110  | 134  | 158  | 182 | 205 | 228 | 220   | 190  | 166  | 148  | 132  | 119  | 108  | 99.0 | 90.8 | 77.5 | 67.2 | 31.8 | 0    | —    |
| 20                                | 7.83                                  | 17.8 | 33.4 | 62.2 | 89.6 | 116  | 142  | 168  | 192 | 217 | 241 | 237   | 205  | 180  | 160  | 143  | 129  | 117  | 107  | 98.0 | 83.8 | 72.5 | 25.1 | 0    | —    |
| 21                                | 8.25                                  | 18.8 | 35.1 | 65.6 | 94.4 | 122  | 150  | 176  | 202 | 228 | 253 | 255   | 221  | 194  | 172  | 154  | 138  | 126  | 115  | 106  | 90.1 | 76.8 | 17.4 | 0    | —    |
| 22                                | 8.68                                  | 19.8 | 36.9 | 68.9 | 99.2 | 129  | 157  | 185  | 213 | 240 | 267 | 274   | 237  | 208  | 184  | 165  | 149  | 135  | 123  | 113  | 96.7 | 72.0 | 0    | 0    | —    |
| 23                                | 9.11                                  | 20.8 | 38.8 | 72.3 | 104  | 135  | 165  | 194  | 224 | 252 | 280 | 292   | 253  | 223  | 197  | 177  | 160  | 145  | 132  | 121  | 103  | 66.4 | 0    | —    | —    |
| 24                                | 9.53                                  | 21.7 | 40.6 | 75.8 | 109  | 141  | 173  | 204  | 233 | 264 | 294 | 311   | 270  | 237  | 211  | 188  | 169  | 154  | 141  | 129  | 110  | 59.9 | 0    | —    | —    |
| 25                                | 9.96                                  | 22.7 | 42.4 | 79.1 | 114  | 148  | 181  | 213  | 244 | 276 | 307 | 323   | 287  | 252  | 224  | 200  | 180  | 164  | 149  | 137  | 117  | 52.7 | 0    | —    | —    |
| 26                                | 10.4                                  | 23.7 | 44.3 | 82.6 | 119  | 154  | 188  | 223  | 255 | 287 | 319 | 331   | 304  | 267  | 237  | 212  | 192  | 173  | 158  | 145  | 116  | 44.7 | 0    | —    | —    |
| 28                                | 11.3                                  | 25.7 | 47.9 | 89.4 | 129  | 166  | 204  | 240  | 276 | 311 | 346 | 347   | 337  | 299  | 264  | 237  | 213  | 194  | 177  | 162  | 105  | 26.3 | 0    | —    | —    |
| 30                                | 12.1                                  | 27.6 | 51.6 | 96.4 | 139  | 180  | 220  | 259  | 298 | 335 | 367 | 361   | 349  | 331  | 294  | 263  | 237  | 215  | 196  | 168  | 91.2 | 0    | 0    | —    | —    |
| 32                                | 13.0                                  | 29.6 | 55.4 | 103  | 149  | 193  | 236  | 278  | 319 | 359 | 382 | 374   | 361  | 342  | 320  | 290  | 261  | 233  | 197  | 160  | 74.6 | 0    | —    | —    | —    |
| 35                                | 14.3                                  | 32.7 | 61.0 | 114  | 164  | 212  | 260  | 306  | 351 | 397 | 401 | 390   | 373  | 351  | 326  | 296  | 263  | 225  | 185  | 141  | 44.5 | 0    | —    | —    | —    |
| 40                                | 16.5                                  | 37.8 | 70.4 | 132  | 189  | 245  | 300  | 354  | 406 | 437 | 426 | 410   | 388  | 359  | 327  | 288  | 247  | 201  | 150  | 97.2 | 0    | —    | —    | —    | —    |
| Lubrication                       | I                                     |      | II   |      |      | III  |      |      |     |     |     |       |      |      |      |      |      |      |      |      |      |      |      |      |      |

| Number of Strands       | 2   | 3   | 4   | 5   | 6   |
|-------------------------|-----|-----|-----|-----|-----|
| Multiple Strand Factors | 1.7 | 2.5 | 3.3 | 3.9 | 4.6 |

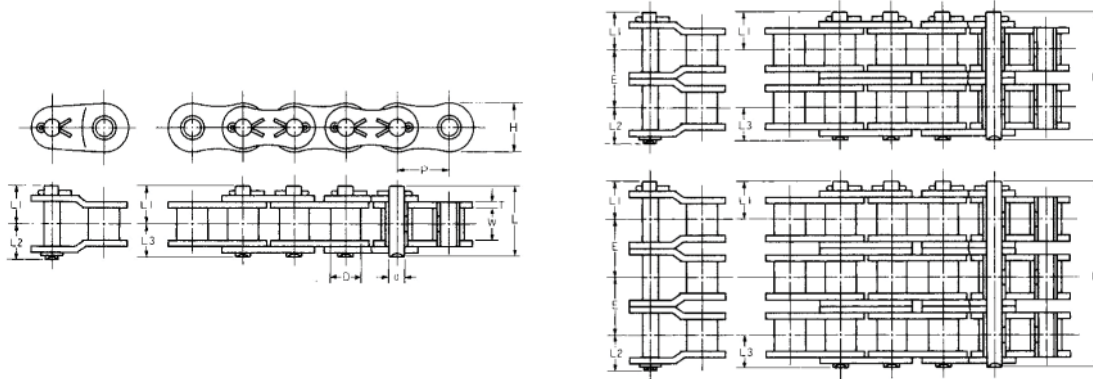
- Remarks) 1. For HP rating of multiple strand, multiply the HP above by multiple strand factor shown in the table at right.  
 2. The operation in right part of the dotted line is not recommended.  
 3. The lubrication type is as follows. Type I : Manual & Drip feed, Type II : Oil bath and Disc, Type III : Pump  
 4. Dimensions & Ratings are subject to change without notice. Certified dimensions furnished upon request.

# Chain No. 180

## 2.250"/57.15mm Pitch

### ANSI Roller Chain

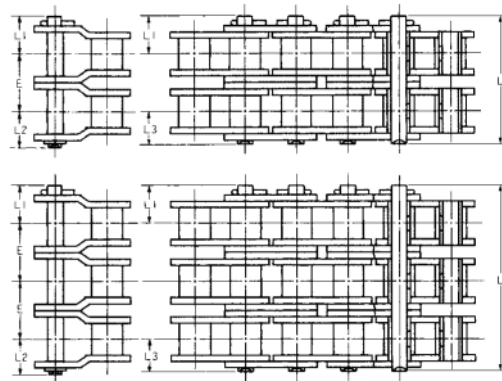
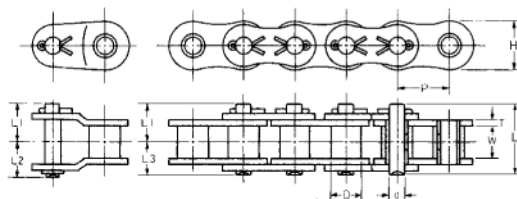
**TOLTEC**  
INCORPORATED



UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin    |       |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|--------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L      | L1    | L2    | L3    | E           | Lb/kg                    | Lb/kg             | Lb/ft kg/m    |
| 180       | 180      | 2.250 | 1.407        | 1.407              | 2.135      | 0.284 | 0.688    | 3.120  | 1.675 | 1.543 | 1.446 | 2.593       | 73,630                   | 14,112            | 8.978         |
|           |          | 57.15 | 35.71        | 35.7               | 54.2       | 7.2   | 17.45    | 79.2   | 42.5  | 39.2  | 36.7  | 65.8        | 33,400                   | 6,400             | 13.46         |
| 180-2     | 180-2    | 2.250 | 1.407        | 1.407              | 2.135      | 0.284 | 0.688    | 5.713  | 1.675 | 1.543 | 1.446 | 2.593       | 147,260                  | 23,990            | 17.669        |
|           |          | 57.15 | 35.71        | 35.7               | 54.2       | 7.2   | 17.45    | 145.0  | 42.5  | 39.2  | 36.7  | 65.8        | 66,800                   | 10,880            | 26.49         |
| 180-3     | 180-3    | 2.250 | 1.407        | 1.407              | 2.135      | 0.284 | 0.688    | 8.306  | 1.675 | 1.543 | 1.446 | 2.593       | 220,900                  | 35,280            | 25.526        |
|           |          | 57.15 | 35.71        | 35.7               | 54.2       | 7.2   | 17.45    | 210.8  | 42.5  | 39.2  | 36.7  | 65.8        | 100,200                  | 16,000            | 38.27         |
| 180-4     | 180-4    | 2.250 | 1.407        | 1.407              | 2.135      | 0.284 | 0.688    | 10.898 | 1.675 | 1.543 | 1.446 | 2.593       | 294,500                  | 46,570            | 33.964        |
|           |          | 57.15 | 35.71        | 35.7               | 54.2       | 7.2   | 17.45    | 276.6  | 42.5  | 39.2  | 36.7  | 65.8        | 133,600                  | 21,120            | 50.92         |
| 180-5     | 180-5    | 2.250 | 1.407        | 1.407              | 2.135      | 0.284 | 0.688    | 13.491 | 1.675 | 1.543 | 1.446 | 2.593       | 368,170                  | 55,037            | 42.421        |
|           |          | 57.15 | 35.71        | 35.7               | 54.2       | 7.2   | 17.45    | 342.4  | 42.5  | 39.2  | 36.7  | 65.8        | 167,000                  | 24,960            | 63.60         |
| 180-6     | 180-6    | 2.250 | 1.407        | 1.407              | 2.135      | 0.284 | 0.688    | 16.083 | 1.675 | 1.543 | 1.446 | 2.593       | 441,800                  | 64,915            | 50.825        |
|           |          | 57.15 | 35.71        | 35.7               | 54.2       | 7.2   | 17.45    | 408.2  | 42.5  | 39.2  | 36.7  | 65.8        | 200,400                  | 29,440            | 76.20         |

Note: Dimensions subject to change. Certified dimensions furnished upon request.



#### Horsepower Ratings Single Strand Roller Chain

UNIT Upper: inch  
Beneath: mm

| No. of Teeth Small Spkt. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |     |     |     |     |     |      |      |      |      |       |      |      |      |      |      |      |      |   |
|--------------------------|---------------------------------------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|------|------|-------|------|------|------|------|------|------|------|---|
|                          | 10                                    | 25   | 50   | 100  | 150  | 200  | 250  | 300 | 350 | 400 | 450 | 500 | 550  | 600  | 650  | 700  | 750   | 800  | 850  | 900  | 1000 | 1100 | 1200 | 1300 |   |
| 11                       | 5.38                                  | 12.3 | 22.9 | 42.8 | 61.6 | 79.8 | 97.5 | 115 | 132 | 149 | 124 | 106 | 92.0 | 80.7 | 71.6 | 64.1 | 57.8  | 52.4 | 47.9 | 44.0 | 40.5 | 37.5 | 24.5 | 5.87 | 0 |
| 12                       | 5.91                                  | 13.5 | 25.2 | 46.9 | 67.6 | 87.7 | 107  | 126 | 145 | 164 | 142 | 121 | 105  | 92.0 | 81.7 | 73.1 | 65.8  | 59.8 | 54.6 | 50.2 | 46.1 | 41.4 | 21.7 | 0    | 0 |
| 13                       | 6.45                                  | 14.8 | 27.5 | 51.2 | 73.8 | 95.6 | 117  | 138 | 158 | 178 | 160 | 137 | 118  | 104  | 92.0 | 86.4 | 74.3  | 67.5 | 61.6 | 56.5 | 52.0 | 39.7 | 18.2 | 0    | 0 |
| 14                       | 6.99                                  | 16.0 | 29.8 | 55.5 | 79.9 | 104  | 127  | 149 | 172 | 193 | 178 | 153 | 132  | 116  | 103  | 92.0 | 83.0  | 75.4 | 68.8 | 63.2 | 58.2 | 37.1 | 13.7 | 0    | 0 |
| 15                       | 7.52                                  | 17.2 | 32.0 | 59.8 | 86.1 | 112  | 137  | 161 | 185 | 208 | 198 | 169 | 146  | 129  | 114  | 102  | 92.0  | 83.5 | 76.3 | 70.0 | 57.9 | 33.9 | 0    | 0    | 0 |
| 16                       | 8.07                                  | 18.4 | 34.3 | 64.1 | 92.3 | 120  | 146  | 172 | 198 | 219 | 216 | 186 | 161  | 142  | 126  | 112  | 101   | 92.0 | 84.1 | 77.1 | 55.8 | 29.8 | 0    | 0    | 0 |
| 17                       | 8.61                                  | 19.7 | 36.6 | 68.4 | 98.6 | 128  | 156  | 184 | 212 | 229 | 227 | 204 | 177  | 156  | 138  | 123  | 111   | 101  | 92.0 | 79.3 | 52.8 | 24.9 | 0    | —    | — |
| 18                       | 9.16                                  | 20.9 | 39.0 | 72.8 | 105  | 135  | 166  | 196 | 225 | 240 | 237 | 223 | 193  | 169  | 150  | 134  | 121   | 110  | 100  | 77.5 | 49.2 | 19.2 | 0    | —    | — |
| 19                       | 9.71                                  | 22.1 | 41.3 | 77.1 | 111  | 143  | 176  | 208 | 239 | 251 | 247 | 239 | 209  | 184  | 162  | 145  | 131   | 119  | 103  | 75.0 | 44.8 | 0    | 0    | —    | — |
| 20                       | 10.3                                  | 23.5 | 43.7 | 81.5 | 117  | 152  | 186  | 219 | 252 | 261 | 256 | 247 | 225  | 198  | 176  | 157  | 142   | 129  | 102  | 71.9 | 39.6 | 0    | 0    | —    | — |
| 21                       | 10.8                                  | 24.7 | 46.0 | 86.0 | 124  | 161  | 196  | 231 | 266 | 271 | 266 | 256 | 243  | 213  | 189  | 169  | 153   | 130  | 100  | 67.9 | 33.7 | 0    | —    | —    | — |
| 22                       | 11.4                                  | 26.0 | 48.4 | 90.4 | 130  | 169  | 207  | 243 | 279 | 280 | 274 | 263 | 249  | 228  | 202  | 181  | 158   | 129  | 97.5 | 63.3 | 27.0 | 0    | —    | —    | — |
| 23                       | 11.9                                  | 27.2 | 50.8 | 94.8 | 137  | 177  | 216  | 255 | 278 | 290 | 282 | 271 | 255  | 236  | 213  | 188  | 160   | 128  | 94.1 | 57.9 | 0    | 0    | —    | —    | — |
| 24                       | 12.5                                  | 28.6 | 53.2 | 99.2 | 143  | 185  | 227  | 267 | 300 | 298 | 290 | 278 | 261  | 240  | 217  | 189  | 160   | 126  | 90.1 | 51.9 | 0    | 0    | —    | —    | — |
| 25                       | 13.1                                  | 29.8 | 55.7 | 104  | 149  | 193  | 237  | 279 | 310 | 306 | 298 | 284 | 267  | 244  | 219  | 190  | 158   | 123  | 85.4 | 45.1 | 0    | 0    | —    | —    | — |
| 26                       | 13.7                                  | 31.1 | 58.1 | 108  | 156  | 202  | 247  | 291 | 318 | 314 | 304 | 291 | 271  | 248  | 221  | 190  | 157   | 120  | 80.1 | 37.5 | 0    | —    | —    | —    | — |
| 28                       | 14.8                                  | 33.7 | 62.4 | 117  | 169  | 219  | 267  | 315 | 334 | 330 | 318 | 302 | 280  | 253  | 224  | 189  | 152   | 111  | 67.3 | 0    | 0    | —    | —    | —    | — |
| 30                       | 16.0                                  | 36.3 | 67.7 | 126  | 182  | 236  | 288  | 339 | 350 | 343 | 330 | 311 | 287  | 257  | 224  | 186  | 145   | 100  | 51.8 | 0    | 0    | —    | —    | —    | — |
| 32                       | 17.0                                  | 38.9 | 72.5 | 135  | 196  | 253  | 308  | 365 | 365 | 357 | 341 | 319 | 292  | 260  | 223  | 181  | 135   | 86.5 | 33.7 | 0    | —    | —    | —    | —    | — |
| 35                       | 18.8                                  | 42.9 | 79.9 | 149  | 215  | 279  | 341  | 386 | 384 | 373 | 354 | 329 | 296  | 259  | 216  | 169  | 117.1 | 61.1 | 0    | 0    | —    | —    | —    | —    | — |
| 40                       | 21.7                                  | 49.5 | 92.4 | 173  | 248  | 322  | 393  | 418 | 412 | 394 | 369 | 335 | 295  | 248  | 196  | 138  | 74.3  | 0    | 0    | —    | —    | —    | —    | —    | — |
| Lubri-<br>cation         | I                                     |      | II   |      | III  |      |      |     |     |     |     |     |      |      |      |      |       |      |      |      |      |      |      |      |   |
|                          |                                       |      |      |      |      |      |      |     |     |     |     |     |      |      |      |      |       |      |      |      |      |      |      |      |   |

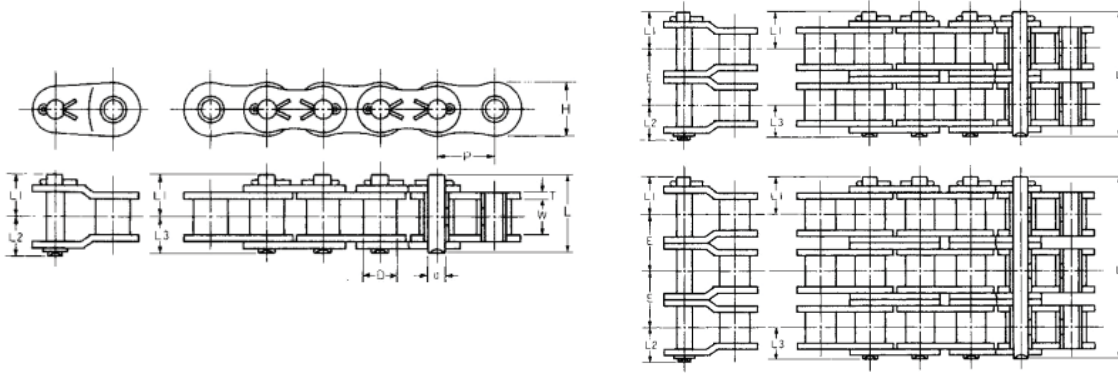
|                         |     |     |     |     |     |
|-------------------------|-----|-----|-----|-----|-----|
| Number of Strands       | 2   | 3   | 4   | 5   | 6   |
| Multiple Strand Factors | 1.7 | 2.5 | 3.3 | 3.9 | 4.6 |

- Remarks) 1. For HP rating of multiple strand, multiply the HP above by multiple strand factor shown in the table at right.  
2. The operation in right part of the dotted line is not recommended.  
3. The lubrication type is as follows. Type I : Manual & Drip feed, Type II : Oil bath and Disc, Type III : Pump  
4. Dimensions & Ratings are subject to change without notice. Certified dimensions furnished upon request.



Chain No. 200  
2.500"/63.50mm Pitch  
ANSI Roller Chain

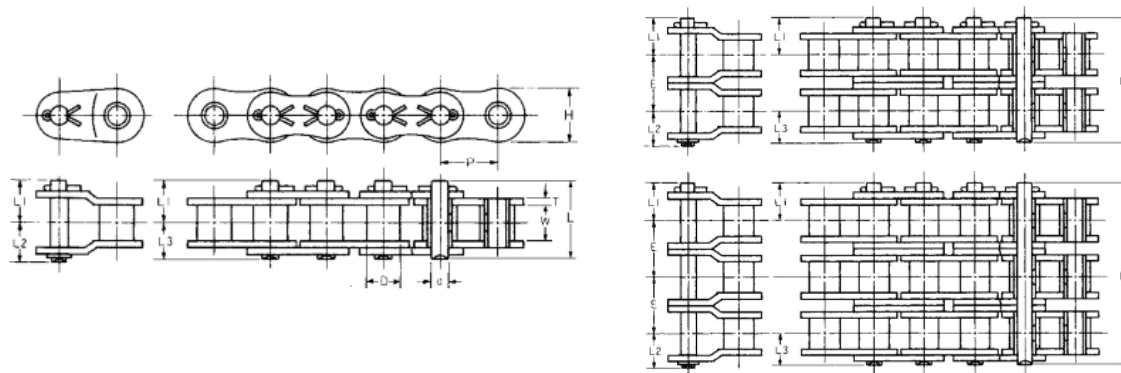
**TOLTEC**  
INCORPORATED



UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin    |       |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|--------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L      | L1    | L2    | L3    | E           | Lb/kg                    | Lb/kg             | Lb/ft kg/m    |
| 200       | 200      | 2.500 | 1.563        | 1.500              | 2.368      | 0.315 | 0.782    | 3.361  | 1.785 | 1.670 | 1.576 | 2.821       | 95,000                   | 15,876            | 11.066        |
|           |          | 63.50 | 39.68        | 38.1               | 60.1       | 8.0   | 19.85    | 85.3   | 45.3  | 42.4  | 40.0  | 71.6        | 43,100                   | 7,200             | 16.5          |
| 200-2     | 200-2    | 2.500 | 1.563        | 1.500              | 2.368      | 0.315 | 0.782    | 6.182  | 1.785 | 1.670 | 1.576 | 2.821       | 190,000                  | 26,989            | 21.678        |
|           |          | 63.50 | 39.68        | 38.1               | 60.1       | 8.0   | 19.85    | 156.9  | 45.3  | 42.4  | 40.0  | 71.6        | 86,200                   | 12,240            | 32.5          |
| 200-3     | 200-3    | 2.500 | 1.563        | 1.500              | 2.368      | 0.315 | 0.782    | 9.003  | 1.785 | 1.670 | 1.576 | 2.821       | 285,050                  | 39,690            | 32.416        |
|           |          | 63.50 | 39.68        | 38.1               | 60.1       | 8.0   | 19.85    | 228.5  | 45.3  | 42.4  | 40.0  | 71.6        | 129,300                  | 18,000            | 48.6          |
| 200-4     | 200-4    | 2.500 | 1.563        | 1.500              | 2.368      | 0.315 | 0.782    | 11.824 | 1.785 | 1.670 | 1.576 | 2.821       | 380,070                  | 52,391            | 43.088        |
|           |          | 63.50 | 39.68        | 38.1               | 60.1       | 8.0   | 19.85    | 300.1  | 45.3  | 42.4  | 40.0  | 71.6        | 172,400                  | 23,760            | 64.6          |
| 200-5     | 200-5    | 2.500 | 1.563        | 1.500              | 2.368      | 0.315 | 0.782    | 14.645 | 1.785 | 1.670 | 1.576 | 2.821       | 475,090                  | 61,916            | 53.760        |
|           |          | 63.50 | 39.68        | 38.1               | 60.1       | 8.0   | 19.85    | 371.7  | 45.3  | 42.4  | 40.0  | 71.6        | 215,500                  | 28,080            | 80.6          |
| 200-6     | 200-6    | 2.500 | 1.563        | 1.500              | 2.368      | 0.315 | 0.782    | 17.466 | 1.785 | 1.670 | 1.576 | 2.821       | 570,100                  | 73,030            | 64.432        |
|           |          | 63.50 | 39.68        | 38.1               | 60.1       | 8.0   | 19.85    | 443.3  | 45.3  | 42.4  | 40.0  | 71.6        | 258,600                  | 33,120            | 96.6          |

Note: Dimensions subject to change. Certified dimensions furnished upon request.



#### Horsepower Ratings Single Strand Roller Chain

UNIT Upper: inch  
Beneath: mm

| No. of<br>Teeth<br>Small<br>Spkt. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |       |      |      |      |      |      |      |   |
|-----------------------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-------|------|------|------|------|------|------|---|
|                                   | 10                                    | 15   | 20   | 30   | 40   | 50   | 60   | 80   | 100  | 150  | 200  | 250 | 300 | 350 | 400 | 450 | 550 | 600   | 650  | 700  | 750  | 800  | 850  | 900  |   |
| 11                                | 6.72                                  | 9.68 | 12.6 | 18.1 | 23.5 | 28.6 | 33.7 | 43.7 | 53.4 | 77.0 | 99.6 | 122 | 143 | 149 | 148 | 135 | 100 | 87.8  | 77.9 | 69.7 | 62.9 | 57.1 | 38.8 | 19.0 | 0 |
| 12                                | 7.39                                  | 10.6 | 13.8 | 19.8 | 25.7 | 31.4 | 37.0 | 48.0 | 58.6 | 84.5 | 109  | 134 | 158 | 161 | 160 | 154 | 114 | 100   | 88.8 | 79.4 | 71.6 | 58.5 | 38.0 | 16.1 | 0 |
| 13                                | 8.05                                  | 11.6 | 15.0 | 21.6 | 28.0 | 34.3 | 40.4 | 52.3 | 64.0 | 92.1 | 119  | 146 | 172 | 173 | 170 | 165 | 129 | 113   | 100  | 89.6 | 79.8 | 58.9 | 36.5 | 12.5 | 0 |
| 14                                | 8.73                                  | 12.6 | 16.2 | 23.5 | 30.4 | 37.1 | 43.7 | 56.7 | 69.3 | 99.8 | 129  | 158 | 182 | 184 | 181 | 174 | 143 | 126   | 112  | 100  | 81.4 | 58.6 | 34.2 | 0    | 0 |
| 15                                | 9.40                                  | 13.5 | 17.6 | 25.2 | 32.7 | 40.0 | 47.2 | 61.0 | 74.7 | 108  | 139  | 170 | 193 | 194 | 190 | 184 | 160 | 139   | 124  | 105  | 82.3 | 57.7 | 31.1 | 0    | 0 |
| 16                                | 10.1                                  | 14.5 | 18.8 | 27.1 | 35.1 | 42.9 | 50.6 | 65.4 | 80.1 | 115  | 149  | 182 | 205 | 205 | 201 | 193 | 168 | 150   | 130  | 107  | 82.7 | 56.1 | 27.5 | 0    | — |
| 17                                | 10.8                                  | 15.6 | 20.1 | 29.0 | 37.4 | 45.9 | 53.9 | 69.9 | 85.4 | 123  | 160  | 194 | 215 | 216 | 211 | 202 | 173 | 154   | 133  | 109  | 82.5 | 53.8 | 22.9 | 0    | — |
| 18                                | 11.4                                  | 16.5 | 21.3 | 30.7 | 39.8 | 48.7 | 57.4 | 74.4 | 90.9 | 131  | 169  | 208 | 225 | 225 | 220 | 211 | 180 | 160   | 135  | 110  | 81.7 | 50.8 | 17.8 | 0    | — |
| 19                                | 12.1                                  | 17.4 | 22.7 | 32.6 | 42.2 | 51.6 | 60.9 | 78.9 | 96.4 | 139  | 180  | 220 | 236 | 235 | 229 | 219 | 185 | 164   | 138  | 110  | 80.1 | 47.2 | 0    | 0    | — |
| 20                                | 12.8                                  | 18.5 | 23.9 | 34.5 | 44.7 | 54.6 | 64.4 | 83.3 | 102  | 146  | 190  | 232 | 245 | 244 | 237 | 227 | 190 | 166   | 139  | 110  | 77.9 | 42.8 | 0    | 0    | — |
| 21                                | 13.5                                  | 19.4 | 25.2 | 36.3 | 47.1 | 57.5 | 67.9 | 87.8 | 107  | 154  | 200  | 245 | 255 | 253 | 245 | 233 | 194 | 170   | 141  | 110  | 75.1 | 37.8 | 0    | —    | — |
| 22                                | 14.2                                  | 20.5 | 26.6 | 38.2 | 49.5 | 60.5 | 71.3 | 92.4 | 113  | 162  | 211  | 257 | 264 | 263 | 253 | 240 | 198 | 172   | 142  | 108  | 71.6 | 32.0 | 0    | —    | — |
| 23                                | 14.9                                  | 21.5 | 27.9 | 40.1 | 51.9 | 63.4 | 74.8 | 97.0 | 118  | 178  | 221  | 268 | 274 | 271 | 261 | 247 | 202 | 174   | 142  | 106  | 67.5 | 25.7 | 0    | —    | — |
| 24                                | 15.6                                  | 22.5 | 29.1 | 42.0 | 54.3 | 66.5 | 78.3 | 102  | 124  | 184  | 232  | 278 | 283 | 279 | 268 | 252 | 205 | 176   | 141  | 104  | 62.8 | 18.6 | 0    | —    | — |
| 25                                | 16.4                                  | 23.5 | 30.4 | 43.9 | 56.9 | 69.5 | 81.8 | 106  | 130  | 186  | 241  | 287 | 291 | 287 | 276 | 259 | 208 | 177   | 141  | 101  | 57.4 | 0    | 0    | —    | — |
| 26                                | 17.0                                  | 24.5 | 31.8 | 45.7 | 59.3 | 72.4 | 85.4 | 111  | 135  | 194  | 252  | 295 | 299 | 295 | 283 | 264 | 211 | 177   | 139  | 97.0 | 51.4 | 0    | 0    | —    | — |
| 28                                | 18.5                                  | 26.6 | 34.5 | 49.6 | 64.2 | 78.4 | 92.5 | 120  | 146  | 211  | 274  | 312 | 315 | 308 | 295 | 274 | 213 | 176   | 134  | 87.7 | 37.4 | 0    | —    | —    | — |
| 30                                | 19.8                                  | 28.6 | 37.0 | 53.4 | 69.2 | 84.6 | 99.6 | 129  | 158  | 228  | 295  | 329 | 330 | 322 | 306 | 282 | 215 | 173   | 127  | 76.0 | 0    | 0    | —    | —    | — |
| 32                                | 21.3                                  | 30.7 | 39.7 | 57.3 | 74.2 | 90.7 | 107  | 138  | 169  | 244  | 315  | 343 | 343 | 334 | 315 | 288 | 215 | 169   | 118  | 62.0 | 0    | 0    | —    | —    | — |
| 35                                | 23.5                                  | 33.8 | 43.9 | 63.0 | 81.7 | 99.9 | 118  | 153  | 186  | 268  | 347  | 365 | 362 | 349 | 326 | 295 | 209 | 157   | 99.5 | 36.5 | 0    | —    | —    | —    | — |
| 40                                | 27.1                                  | 39.0 | 50.6 | 72.8 | 94.4 | 115  | 135  | 176  | 216  | 310  | 386  | 396 | 389 | 362 | 339 | 299 | 193 | 128.7 | 58.3 | 0    | —    | —    | —    | —    | — |
| Lubri-<br>cation                  | I                                     |      |      |      | II   |      |      |      | III  |      |      |     |     |     |     |     |     |       |      |      |      |      |      |      |   |
|                                   |                                       |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |       |      |      |      |      |      |      |   |

|                         |     |     |     |     |     |
|-------------------------|-----|-----|-----|-----|-----|
| Number of Strands       | 2   | 3   | 4   | 5   | 6   |
| Multiple Strand Factors | 1.7 | 2.5 | 3.3 | 3.9 | 4.6 |

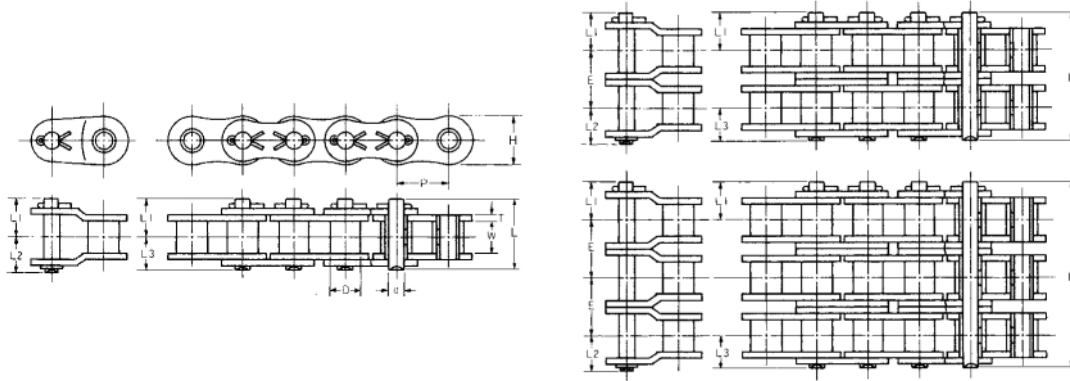
- Remarks) 1. For HP rating of multiple strand, multiply the HP above by multiple strand factor shown in the table at right.  
 2. The operation in right part of the dotted line is not recommended.  
 3. The lubrication type is as follows. Type I : Manual & Drip feed, Type II : Oil bath and Disc, Type III : Pump  
 4. Dimensions & Ratings are subject to change without notice. Certified dimensions furnished upon request.

# Chain No. 240

## 3.000"/76.20mm Pitch

### ANSI Roller Chain

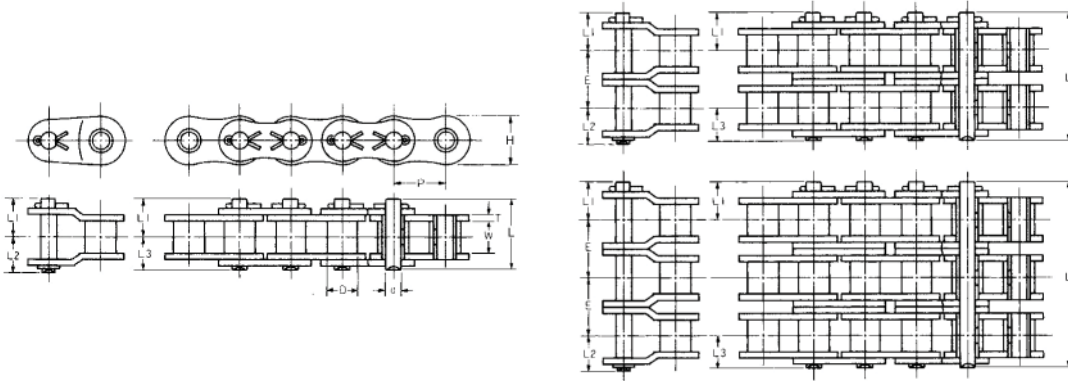
**TOLTEC**  
INCORPORATED



UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin    |       |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|--------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L      | L1    | L2    | L3    | E           | Lb/kg                    | Lb/kg             | Lb/ft kg/m    |
| 240       | 240      | 3.000 | 1.877        | 1.890              | 2.850      | 0.374 | 0.938    | 4.125  | 2.199 | 2.055 | 1.927 | 3.459       | 149,940                  | 21,830            | 16.542        |
|           |          | 76.20 | 47.63        | 48.0               | 72.4       | 9.5   | 23.80    | 104.7  | 55.8  | 52.2  | 48.9  | 87.8        | 68,000                   | 9,900             | 24.8          |
| 240-2     | 240-2    | 3.000 | 1.877        | 1.890              | 2.850      | 0.374 | 0.938    | 7.585  | 2.199 | 2.055 | 1.927 | 3.459       | 299,880                  | 37,110            | 32.683        |
|           |          | 76.20 | 47.63        | 48.0               | 72.4       | 9.5   | 23.80    | 192.5  | 55.8  | 52.2  | 48.9  | 87.8        | 136,000                  | 16,830            | 49.0          |
| 240-3     | 240-3    | 3.000 | 1.877        | 1.890              | 2.850      | 0.374 | 0.938    | 11.044 | 2.199 | 2.055 | 1.927 | 3.459       | 449,820                  | 54,574            | 48.758        |
|           |          | 76.20 | 47.63        | 48.0               | 72.4       | 9.5   | 23.80    | 280.3  | 55.8  | 52.2  | 48.9  | 87.8        | 204,000                  | 24,750            | 73.1          |
| 240-4     | 240-4    | 3.000 | 1.877        | 1.890              | 2.850      | 0.374 | 0.938    | 14.503 | 2.199 | 2.055 | 1.927 | 3.459       | 599,760                  | 72,037            | 64.832        |
|           |          | 76.20 | 47.63        | 48.0               | 72.4       | 9.5   | 23.80    | 368.1  | 55.8  | 52.2  | 48.9  | 87.8        | 272,000                  | 32,670            | 97.2          |
| 240-5     | 240-5    | 3.000 | 1.877        | 1.890              | 2.850      | 0.374 | 0.938    | 17.962 | 2.199 | 2.055 | 1.927 | 3.459       | 749,700                  | 85,135            | 80.907        |
|           |          | 76.20 | 47.63        | 48.0               | 72.4       | 9.5   | 23.80    | 455.9  | 55.8  | 52.2  | 48.9  | 87.8        | 340,000                  | 38,610            | 121.3         |
| 240-6     | 240-6    | 3.000 | 1.877        | 1.890              | 2.850      | 0.374 | 0.938    | 21.422 | 2.199 | 2.055 | 1.927 | 3.459       | 899,640                  | 100,416           | 96.848        |
|           |          | 76.20 | 47.63        | 48.0               | 72.4       | 9.5   | 23.80    | 543.7  | 55.8  | 52.2  | 48.9  | 87.8        | 408,000                  | 45,540            | 145.2         |

Note: Dimensions subject to change. Certified dimensions furnished upon request.



UNIT Upper: inch  
Beneath: mm

#### Horsepower Ratings Single Strand Roller Chain

| No. of Teeth Small Spkr. | Revolutions Per Minute-Small Sprocket |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |      |      |      |      |      |     |  |  |
|--------------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|-----|--|--|
|                          | 5                                     | 10   | 15   | 20   | 25   | 30   | 40   | 50   | 60   | 80   | 100  | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450  | 500  | 550  | 600  | 650  | 700 |  |  |
| 11                       | 5.95                                  | 11.1 | 16.0 | 20.7 | 25.3 | 29.8 | 38.6 | 47.2 | 55.7 | 72.1 | 88.2 | 108 | 118 | 123 | 127 | 129 | 127 | 120 | 109 | 94.7 | 77.8 | 58.1 | 36.1 | 11.9 | 0   |  |  |
| 12                       | 6.53                                  | 12.2 | 17.6 | 22.8 | 27.8 | 32.7 | 42.5 | 51.9 | 61.1 | 79.3 | 96.8 | 118 | 128 | 133 | 137 | 139 | 137 | 128 | 116 | 101  | 81.8 | 60.1 | 35.8 | 9.16 | 0   |  |  |
| 13                       | 7.12                                  | 13.3 | 19.2 | 24.8 | 30.3 | 35.7 | 46.3 | 56.6 | 66.6 | 86.4 | 106  | 128 | 137 | 143 | 148 | 150 | 146 | 137 | 124 | 106  | 85.4 | 61.6 | 35.0 | 5.74 | 0   |  |  |
| 14                       | 7.72                                  | 14.3 | 20.8 | 26.8 | 32.9 | 38.8 | 50.2 | 61.3 | 72.3 | 93.6 | 114  | 137 | 146 | 153 | 157 | 160 | 156 | 145 | 130 | 111  | 88.5 | 62.5 | 33.5 | 0    | 0   |  |  |
| 15                       | 8.31                                  | 15.6 | 22.4 | 29.0 | 35.4 | 41.7 | 54.0 | 66.1 | 77.8 | 101  | 123  | 146 | 156 | 162 | 168 | 169 | 164 | 153 | 137 | 116  | 91.2 | 62.9 | 31.4 | 0    | —   |  |  |
| 16                       | 8.92                                  | 16.6 | 24.0 | 31.1 | 38.0 | 44.7 | 57.9 | 70.8 | 83.4 | 108  | 132  | 156 | 165 | 172 | 177 | 178 | 173 | 160 | 142 | 120  | 93.3 | 62.8 | 28.8 | 0    | —   |  |  |
| 17                       | 9.52                                  | 17.7 | 25.6 | 33.1 | 40.5 | 47.7 | 61.8 | 75.6 | 89.0 | 115  | 141  | 164 | 174 | 181 | 186 | 188 | 181 | 168 | 148 | 124  | 94.9 | 62.1 | 25.5 | 0    | —   |  |  |
| 18                       | 10.1                                  | 18.9 | 27.2 | 35.3 | 43.0 | 50.8 | 65.8 | 80.5 | 94.8 | 123  | 150  | 172 | 184 | 190 | 194 | 196 | 189 | 174 | 153 | 127  | 96.0 | 60.7 | 21.7 | 0    | —   |  |  |
| 19                       | 10.7                                  | 20.0 | 28.8 | 37.4 | 45.7 | 53.8 | 69.7 | 85.3 | 100  | 130  | 160  | 181 | 192 | 200 | 204 | 205 | 196 | 180 | 158 | 130  | 96.7 | 59.0 | 17.3 | 0    | —   |  |  |
| 20                       | 11.3                                  | 21.2 | 30.4 | 39.6 | 48.3 | 56.9 | 73.8 | 90.1 | 106  | 138  | 168  | 189 | 201 | 208 | 213 | 213 | 204 | 186 | 162 | 132  | 96.8 | 56.7 | 0    | 0    | —   |  |  |
| 21                       | 12.0                                  | 22.3 | 32.2 | 41.7 | 51.0 | 59.9 | 77.8 | 94.9 | 112  | 145  | 177  | 197 | 209 | 217 | 221 | 221 | 211 | 192 | 166 | 134  | 96.4 | 53.8 | 0    | 0    | —   |  |  |
| 22                       | 12.6                                  | 23.5 | 33.8 | 43.9 | 53.5 | 63.0 | 81.7 | 99.9 | 118  | 153  | 186  | 205 | 217 | 225 | 229 | 229 | 217 | 197 | 170 | 135  | 95.6 | 50.4 | 0    | 0    | —   |  |  |
| 23                       | 13.2                                  | 24.7 | 35.4 | 46.0 | 56.2 | 66.2 | 85.7 | 105  | 124  | 160  | 194  | 213 | 225 | 233 | 237 | 236 | 224 | 202 | 173 | 137  | 94.3 | 46.4 | 0    | —    | —   |  |  |
| 24                       | 13.8                                  | 25.7 | 37.1 | 48.1 | 58.9 | 69.3 | 89.7 | 110  | 129  | 168  | 202  | 221 | 233 | 241 | 245 | 244 | 231 | 207 | 176 | 137  | 92.4 | 42.0 | 0    | —    | —   |  |  |
| 25                       | 14.5                                  | 27.0 | 38.8 | 50.3 | 61.4 | 72.4 | 93.9 | 115  | 135  | 176  | 209  | 228 | 241 | 249 | 253 | 251 | 236 | 212 | 178 | 137  | 90.1 | 36.9 | 0    | —    | —   |  |  |
| 26                       | 15.0                                  | 28.2 | 40.5 | 52.4 | 64.1 | 75.5 | 97.9 | 120  | 141  | 182  | 216  | 236 | 249 | 257 | 261 | 257 | 241 | 216 | 180 | 137  | 87.3 | 31.2 | 0    | —    | —   |  |  |
| 28                       | 16.4                                  | 30.4 | 43.9 | 56.9 | 69.5 | 81.8 | 106  | 130  | 153  | 198  | 231  | 251 | 264 | 272 | 276 | 271 | 252 | 223 | 182 | 135  | 80.2 | 0    | 0    | —    | —   |  |  |
| 30                       | 17.6                                  | 32.9 | 47.2 | 61.1 | 74.8 | 88.2 | 114  | 139  | 165  | 213  | 244  | 264 | 279 | 287 | 290 | 283 | 261 | 228 | 184 | 131  | 71.1 | 0    | 0    | —    | —   |  |  |
| 32                       | 18.9                                  | 35.1 | 50.7 | 65.6 | 80.2 | 94.5 | 122  | 150  | 177  | 228  | 256  | 279 | 292 | 300 | 303 | 294 | 270 | 232 | 184 | 126  | 59.9 | 0    | —    | —    | —   |  |  |
| 35                       | 20.8                                  | 38.8 | 55.8 | 72.3 | 88.4 | 104  | 135  | 165  | 194  | 249  | 275  | 298 | 312 | 319 | 320 | 308 | 279 | 235 | 180 | 114  | 39.6 | 0    | —    | —    | —   |  |  |
| 40                       | 24.0                                  | 44.8 | 64.5 | 83.5 | 102  | 120  | 156  | 190  | 224  | 278  | 304  | 329 | 342 | 347 | 346 | 327 | 288 | 235 | 166 | 86.2 | 0    | —    | —    | —    | —   |  |  |
| Lubri-<br>cation         | I                                     |      |      |      | II   |      |      |      |      |      |      | III |     |     |     |     |     |     |     |      |      |      |      |      |     |  |  |

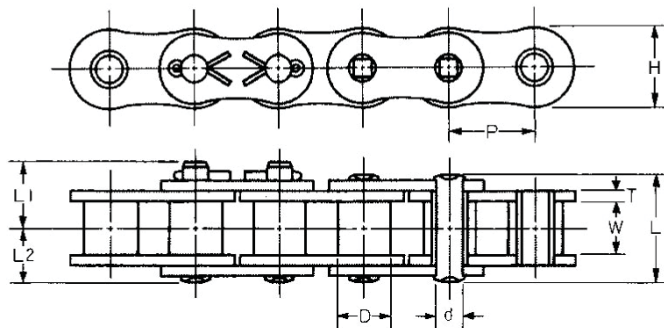
|                         |     |     |     |     |     |
|-------------------------|-----|-----|-----|-----|-----|
| Number of Strands       | 2   | 3   | 4   | 5   | 6   |
| Multiple Strand Factors | 1.7 | 2.5 | 3.3 | 3.9 | 4.6 |

- Remarks) 1. For HP rating of multiple strand, multiply the HP above by multiple strand factor shown in the table at right.  
 2. The operation in right part of the dotted line is not recommended.  
 3. The lubrication type is as follows. Type I : Manual & Drip feed, Type II : Oil bath and Disc, Type III : Pump  
 4. Dimensions & Ratings are subject to change without notice. Certified dimensions furnished upon request.

# Heavy Series ANSI Roller Chain



Heavy Series differs from standard roller chain in link plate thickness. All the others are identical. There is no increase in tensile strength, but the thick link plate helps withstand abnormal shock loads.



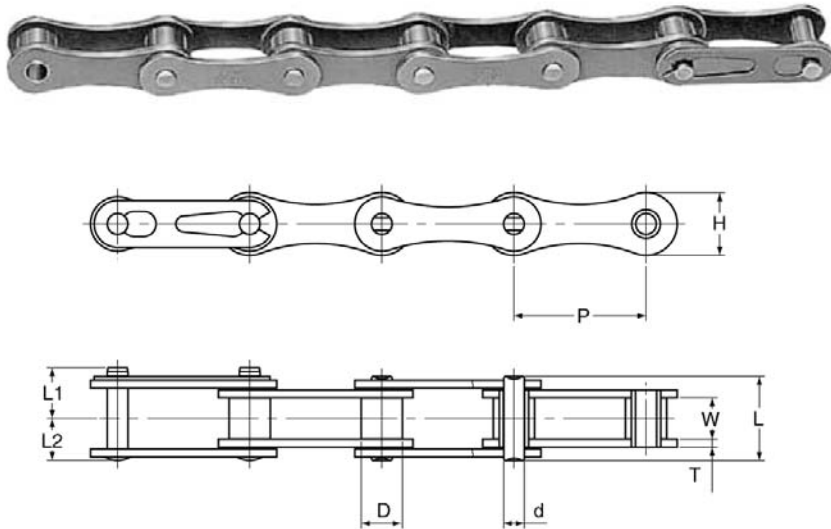
UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch  | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin   |       |       | Avg. Tensile Strength | Max. Working Load | Approx. Weight |
|-----------|----------|--------|--------------|--------------------|------------|-------|----------|-------|-------|-------|-----------------------|-------------------|----------------|
|           |          | P      | D            | W                  | H          | T     | d        | L     | L1    | L2    | Lb/kg                 | Lb/kg             | Lb/ft kg/m     |
| 35H       | (2H33B)  | 0.375  | * 0.200      | 0.189              | 0.358      | 0.079 | 0.141    | 0.583 | -     | -     | 3,902                 | 728               | 0.356          |
|           |          | 9.525  | * 5.08       | 4.80               | 9.10       | 2.00  | 3.58     | 14.80 | -     | -     | 1,770                 | 330               | 0.53           |
| 40H       | (2H45E)  | 0.500  | 0.313        | 0.313              | •0.472     | 0.079 | 0.156    | 0.689 | -     | -     | 5,181                 | 1,235             | 0.558          |
|           |          | 12.70  | 7.94         | 7.95               | •12.00     | 2.00  | 3.96     | 17.50 | -     | -     | 2,350                 | 560               | 0.83           |
| 50H       | (2H53)   | 0.625  | 0.400        | 0.376              | 0.591      | 0.094 | 0.200    | 0.862 | -     | -     | 8,818                 | 1,543             | 0.806          |
|           |          | 15.875 | 10.16        | 9.55               | 15.00      | 2.40  | 5.08     | 21.90 | -     | -     | 4,000                 | 700               | 1.20           |
| 60H       | 60H      | 0.750  | 0.469        | 0.500              | 0.709      | 0.126 | 0.234    | 1.130 | 0.650 | 0.563 | 9,921                 | 2,425             | 1.263          |
|           |          | 19.05  | 11.91        | 12.70              | 18.00      | 3.20  | 5.95     | 28.70 | 16.50 | 14.30 | 4,500                 | 1,100             | 1.88           |
| 80H       | 80H      | 1.000  | 0.625        | 0.626              | 0.949      | 0.157 | 0.313    | 1.413 | 0.839 | 0.709 | 17,637                | 3,968             | 2.083          |
|           |          | 25.40  | 15.88        | 15.90              | 24.10      | 4.00  | 7.94     | 35.90 | 21.30 | 18.00 | 8,000                 | 1,800             | 3.10           |
| 100H      | 100H     | 1.250  | 0.750        | 0.754              | 1.185      | 0.189 | 0.375    | 1.697 | 0.992 | 0.850 | 26,455                | 6,173             | 3.091          |
|           |          | 31.75  | 19.05        | 19.15              | 30.10      | 4.80  | 9.53     | 43.10 | 25.20 | 21.60 | 12,000                | 2,800             | 4.60           |
| 120H      | 120H     | 1.500  | 0.875        | 1.006              | 1.425      | 0.220 | 0.437    | 2.110 | 1.185 | 1.055 | 37,038                | 7,937             | 4.435          |
|           |          | 38.10  | 22.23        | 25.55              | 36.20      | 5.60  | 11.11    | 53.60 | 30.10 | 26.80 | 16,800                | 3,600             | 6.60           |
| 140H      | 140H     | 1.750  | 1.000        | 1.000              | 1.661      | 0.252 | 0.500    | 2.260 | 1.315 | 1.130 | 48,722                | 10,362            | 5.644          |
|           |          | 44.45  | 25.40        | 25.40              | 42.20      | 6.40  | 12.70    | 57.40 | 33.40 | 28.70 | 22,100                | 4,700             | 8.40           |
| 160H      | 160H     | 2.000  | 1.125        | 1.250              | 1.898      | 0.283 | 0.563    | 2.673 | 1.520 | 1.339 | 60,186                | 12,566            | 7.19           |
|           |          | 50.80  | 28.58        | 31.75              | 48.20      | 7.20  | 14.29    | 67.90 | 38.60 | 34.00 | 27,300                | 5,700             | 10.7           |
| 200H      | 200H     | 2.500  | 1.562        | 1.500              | 2.366      | 0.374 | 0.781    | 3.398 | 1.909 | 1.701 | 103,617               | 16,314            | 12.229         |
|           |          | 63.50  | 39.68        | 38.10              | 60.10      | 9.50  | 19.84    | 86.30 | 48.50 | 43.20 | 47,000                | 7,400             | 18.2           |

\* Indicates bush diameter • Indicates straight link plate

Chain number shown in ( ) is not ANSI No.

This chain is more economical than standard roller chain and well suited for applications where shaft centers are long. Stainless steel chain is available.



UNIT Upper: inch  
Beneath: mm

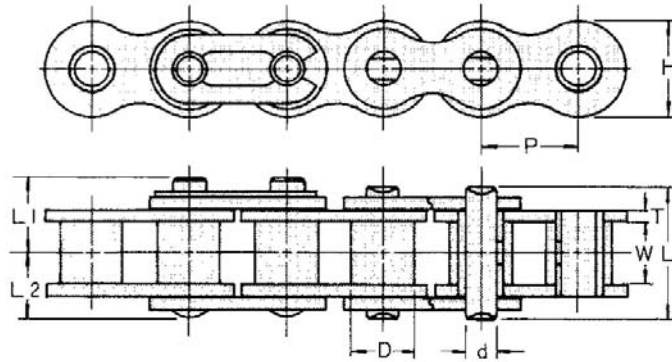
| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin   |       |       | Average Tensile Strength | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|-------|-------|-------|--------------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L     | L1    | L2    | Lb/kg                    | Lb/ft kg/m    |
| 2040      | 2040     | 1.000 | 0.312        | 0.312              | 0.472      | 0.060 | 0.156    | 0.634 | 0.382 | 0.319 | 3,784                    | 0.27          |
|           |          | 25.40 | 7.94         | 7.95               | 12.0       | 1.5   | 3.96     | 16.1  | 9.7   | 8.1   | 1,950                    | 0.41          |
| 2050      | 2050     | 1.250 | 0.400        | 0.376              | 0.591      | 0.080 | 0.200    | 0.799 | 0.476 | 0.409 | 6,380                    | 0.45          |
|           |          | 31.75 | 10.16        | 9.55               | 15.0       | 2.0   | 5.08     | 20.3  | 12.1  | 10.4  | 3,200                    | 0.67          |
| 2060      | 2060     | 1.500 | 0.469        | 0.500              | 0.677      | 0.094 | 0.234    | 1.000 | 0.579 | 0.500 | 8,910                    | 0.63          |
|           |          | 38.10 | 11.91        | 12.70              | 17.2       | 2.4   | 5.95     | 25.4  | 14.7  | 12.7  | 4,450                    | 0.94          |
| 2080      | 2080     | 2.000 | 0.625        | 0.626              | 0.945      | 0.125 | 0.312    | 1.287 | 0.760 | 0.647 | 16,060                   | 1.139         |
|           |          | 50.80 | 15.88        | 15.90              | 24.0       | 3.2   | 7.94     | 32.7  | 19.3  | 16.3  | 7,500                    | 1.70          |

1. Spring clip type is standard for connecting links of 2040 through 2060 and cotter for 2080 and above.

Note: Dimensions subject to change.

# ANSI Stainless Roller Chain Corrosion/ Heat Resistance

**TOLTEC**  
INCORPORATED



UNIT Upper: inch  
Beneath: mm

| Chain No. | Pitch  | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin   |       |       | Max. Working Load | Approx Weight |
|-----------|--------|--------------|--------------------|------------|-------|----------|-------|-------|-------|-------------------|---------------|
|           | P      | D            | W                  | H          | T     | d        | L     | L1    | L2    | Lb/kgf            | Lb/ft kg/m    |
| 15SS      | 0.188  | 0.098        | 0.094              | *0.173     | 0.022 | 0.064    | 0.224 | 0.154 | 0.114 | 11                | 0.062         |
|           | 4.7625 | 2.48         | 2.38               | *4.40      | 0.57  | 1.62     | 5.70  | 3.90  | 2.90  | 5                 | 0.093         |
| 25SS      | 0.25   | 0.13         | 0.126              | *0.23      | 0.03  | 0.091    | 0.307 | 0.189 | 0.154 | 26                | 0.087         |
|           | 6.35   | 3.30         | 3.20               | *5.85      | 0.75  | 2.30     | 7.80  | 4.80  | 3.90  | 12                | 0.13          |
| 35SS      | 0.375  | 0.2          | 0.189              | *0.354     | 0.049 | 0.141    | 0.465 | 0.264 | 0.24  | 66                | 0.249         |
|           | 9.525  | 5.08         | 4.80               | *9.00      | 1.25  | 3.58     | 11.80 | 6.70  | 6.10  | 30                | 0.37          |
| 40SS      | 0.50   | 0.312        | 0.313              | 0.472      | 0.059 | 0.156    | 0.654 | 0.402 | 0.323 | 99                | 0.403         |
|           | 12.70  | 7.92         | 7.95               | 12.00      | 1.50  | 3.96     | 16.60 | 10.20 | 8.20  | 45                | 0.6           |
| 50SS      | 0.625  | 0.4          | 0.376              | 0.591      | 0.079 | 0.2      | 0.819 | 0.48  | 0.406 | 165               | 0.632         |
|           | 15.875 | 10.16        | 9.55               | 15.00      | 2.00  | 5.08     | 20.80 | 12.20 | 10.30 | 75                | 0.94          |
| 60SS      | 0.75   | 0.469        | 0.5                | 0.709      | 0.094 | 0.234    | 1.02  | 0.598 | 0.5   | 231               | 0.941         |
|           | 19.05  | 11.91        | 12.70              | 18.00      | 2.40  | 5.95     | 25.90 | 15.20 | 12.70 | 105               | 1.4           |
| 80SS      | 1.00   | 0.625        | 0.626              | 0.945      | 0.126 | 0.313    | 1.299 | 0.76  | 0.65  | 397               | 1.68          |
|           | 25.40  | 15.88        | 15.90              | 24.00      | 3.20  | 7.94     | 33.00 | 19.30 | 16.50 | 180               | 2.5           |
| 100SS     | 1.25   | 0.75         | 0.754              | 1.181      | 0.157 | 0.375    | 1.701 | 0.909 | 0.791 | 573               | 2.553         |
|           | 31.75  | 19.05        | 19.15              | 30.00      | 4.00  | 9.53     | 43.20 | 23.10 | 20.10 | 260               | 3.8           |
| 120SS     | 1.50   | 0.875        | 1.006              | 1.417      | 0.189 | 0.437    | 2.114 | 1.118 | 0.996 | 882               | 3.696         |
|           | 38.10  | 22.23        | 25.55              | 36.00      | 4.80  | 11.11    | 53.70 | 28.40 | 25.30 | 400               | 5.5           |

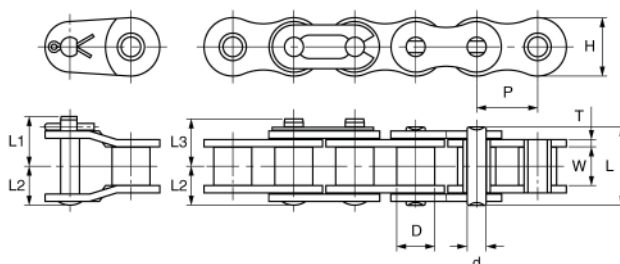
Connecting link for 80 and above is cotter type.

\*Indicated bush diameters



Nickel plated chains provide stronger corrosion resistance than steel chains at low cost. Nickel plate prior to assembly or after assembly is available.

Plating is available for ANSI 25 through 200 and double pitch roller chains.



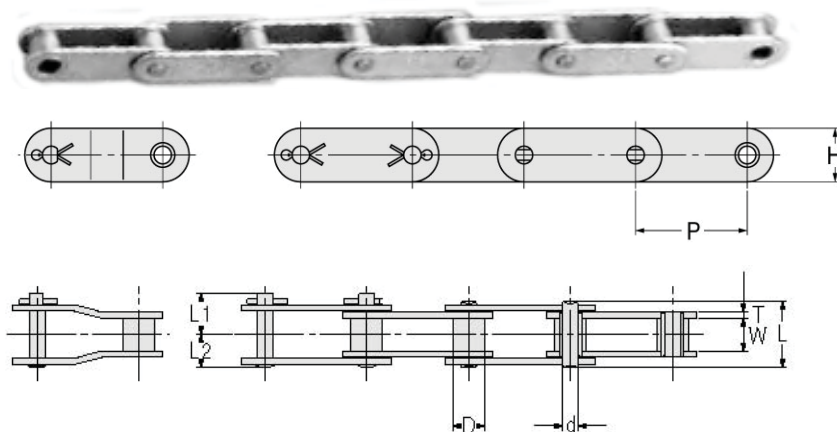
UNIT Upper: inch  
Beneath: mm

| Chain No. | Pitch  | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin   |       |       |       | Trans Pitch | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|--------|--------------|--------------------|------------|-------|----------|-------|-------|-------|-------|-------------|--------------------------|-------------------|---------------|
|           | P      | D            | W                  | H          | T     | d        | L     | L1    | L2    | L3    | E           | Lb/kgf                   | Lb/kgf            | Lb/ft kg/m    |
| S10NP     | 0.125  | 0.067        | 0.051              | 0.114      | 0.016 | 0.045    | 0.144 | -     | 0.077 | 0.096 | -           | 220                      | 44                | 0.02          |
|           | 3.175  | 1.7          | 1.3                | 2.9        | 0.4   | 1.15     | 3.65  | -     | 1.95  | 2.45  | -           | 100                      | 20                | 0.03          |
| 15NP      | 0.188  | 0.098        | 0.094              | 0.173      | 0.022 | 0.064    | 0.224 | -     | 0.114 | 0.154 | -           | 485                      | 88                | 0.06          |
|           | 4.765  | 2.48         | 2.38               | 4.4        | 0.57  | 1.62     | 5.7   | -     | 2.9   | 3.9   | -           | 220                      | 40                | 0.09          |
| 25NP      | 0.250  | 0.13         | 0.126              | 0.23       | 0.03  | 0.091    | 0.307 | 0.189 | 0.161 | 0.189 | 0.252       | 1058                     | 154               | 0.09          |
|           | 6.35   | 3.3          | 3.2                | 5.85       | 0.75  | 2.3      | 7.8   | 4.8   | 4.1   | 4.8   | 6.4         | 480                      | 70                | 0.13          |
| 35NP      | 0.375  | 0.2          | 0.189              | 0.354      | 0.049 | 0.141    | 0.461 | 0.264 | 0.252 | 0.264 | 0.398       | 2601                     | 419               | 0.25          |
|           | 9.525  | 5.08         | 4.8                | 9          | 1.25  | 3.58     | 11.7  | 6.7   | 6.4   | 6.7   | 10.1        | 1180                     | 190               | 0.37          |
| 40NP      | 0.500  | 0.312        | 0.313              | 0.472      | 0.059 | 0.156    | 0.634 | 0.402 | 0.319 | 0.382 | 0.567       | 4299                     | 860               | 0.40          |
|           | 12.7   | 7.92         | 7.95               | 12         | 1.5   | 3.96     | 16.1  | 10.2  | 8.1   | 9.7   | 14.4        | 1950                     | 390               | 0.6           |
| 50NP      | 0.625  | 0.4          | 0.376              | 0.591      | 0.079 | 0.2      | 0.799 | 0.476 | 0.409 | 0.476 | 0.713       | 7165                     | 1389              | 0.63          |
|           | 15.875 | 10.16        | 9.55               | 15         | 2     | 5.08     | 20.3  | 12.1  | 10.4  | 12.1  | 18.1        | 3250                     | 630               | 0.94          |
| 60NP      | 0.750  | 0.469        | 0.5                | 0.709      | 0.094 | 0.234    | 1     | 0.598 | 0.5   | 0.579 | 0.898       | 9921                     | 2094              | 0.94          |
|           | 19.05  | 11.91        | 12.7               | 18         | 2.4   | 5.95     | 25.4  | 15.2  | 12.7  | 14.7  | 22.8        | 4500                     | 950               | 1.4           |
| 80NP      | 1.000  | 0.625        | 0.626              | 0.949      | 0.126 | 0.313    | 1.287 | 0.776 | 0.642 | 0.74  | 1.154       | 17637                    | 3638              | 1.81          |
|           | 25.4   | 15.88        | 15.9               | 24.1       | 3.2   | 7.94     | 32.7  | 19.7  | 16.3  | 18.8  | 29.3        | 8000                     | 1650              | 2.7           |
| 100NP     | 1.250  | 0.75         | 0.754              | 1.185      | 0.157 | 0.375    | 1.697 | 0.925 | 0.787 | 0.925 | 1.409       | 26455                    | 5512              | 2.82          |
|           | 31.75  | 19.05        | 19.15              | 30.1       | 4     | 9.53     | 43.1  | 23.5  | 20    | 23.5  | 35.8        | 12000                    | 2500              | 4.2           |

# Double Pitch Conveyor Chain Small Conveyor Chain

**TOLTEC**  
INCORPORATED

This conveyor is midway between precision roller chain and FM, FE type conveyors.

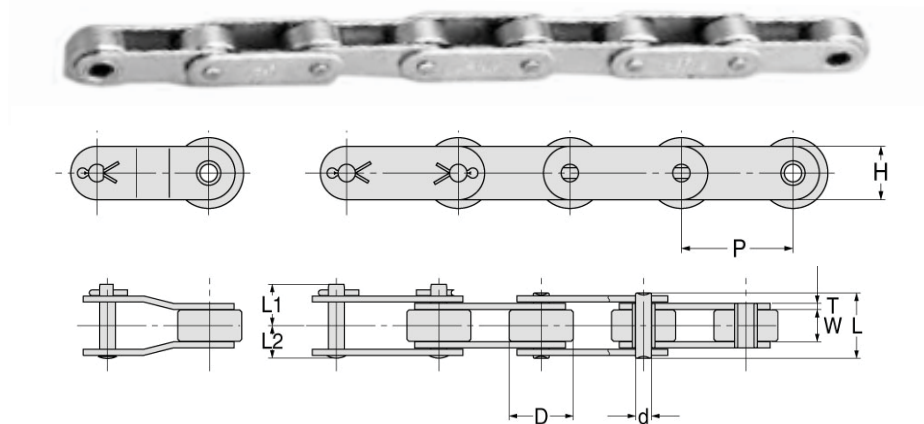


## Small Roller

UNIT Upper: inch  
Beneath: mm

| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin   |       |       | Average Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|-------|-------|-------|--------------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L     | L1    | L2    | Lb/kgf                   | Lb/kgf            | Lb/ft kg/m    |
| C2040     | C2040    | 1.000 | 0.312        | 0.313              | 0.472      | 0.059 | 0.156    | 0.634 | 0.382 | 0.319 | 3638                     | 595               | 0.34          |
|           |          | 25.4  | 7.92         | 7.95               | 12         | 1.5   | 3.96     | 16.1  | 9.7   | 8.1   | 1650                     | 270               | 0.51          |
| C2050     | C2050    | 1.250 | 0.4          | 0.376              | 0.591      | 0.079 | 0.2      | 0.799 | 0.476 | 0.409 | 5952                     | 970               | 0.58          |
|           |          | 31.75 | 10.16        | 9.55               | 15         | 2     | 5.08     | 20.3  | 12.1  | 10.4  | 2700                     | 440               | 0.87          |
| C2060H    | C2060H   | 1.500 | 0.469        | 0.5                | 0.677      | 0.126 | 0.234    | 1.13  | 0.65  | 0.563 | 8598                     | 1323              | 1.01          |
|           |          | 38.1  | 11.91        | 12.7               | 17.2       | 3.2   | 5.95     | 28.7  | 16.5  | 14.3  | 3900                     | 600               | 1.51          |
| C2080H    | C2080H   | 2.000 | 0.625        | 0.626              | 0.945      | 0.157 | 0.313    | 1.413 | 0.839 | 0.709 | 14771                    | 2205              | 1.79          |
|           |          | 50.8  | 15.88        | 15.9               | 24         | 4     | 7.94     | 35.9  | 21.3  | 18    | 6700                     | 1000              | 2.66          |
| C2100H    | C2100H   | 2.500 | 0.75         | 0.754              | 1.142      | 0.189 | 0.375    | 1.697 | 0.992 | 0.85  | 23149                    | 3307              | 2.68          |
|           |          | 63.5  | 19.05        | 19.15              | 29         | 4.8   | 9.53     | 43.1  | 25.2  | 21.6  | 10500                    | 1500              | 3.99          |
| C2120H    | C2120H   | 3.000 | 0.875        | 1.006              | 1.339      | 0.22  | 0.437    | 2.11  | 1.185 | 1.055 | 33951                    | 4630              | 3.76          |
|           |          | 76.2  | 22.23        | 25.55              | 34         | 5.6   | 11.11    | 53.6  | 30.1  | 26.8  | 15400                    | 2100              | 5.6           |
| C2160H    | C2160H   | 4.000 | 1.125        | 1.256              | 1.85       | 0.283 | 0.563    | 2.673 | 1.52  | 1.339 | 49604                    | 7937              | 6.38          |
|           |          | 101.6 | 28.58        | 31.9               | 47         | 7.2   | 14.29    | 67.9  | 38.6  | 34    | 22500                    | 3600              | 9.5           |

This conveyor is midway between precision roller chain and FM, FE type conveyors.



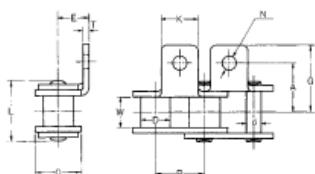
### Large Roller

UNIT Upper: inch  
Beneath: mm

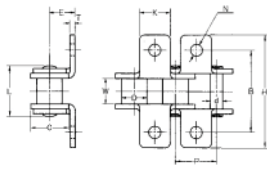
| Chain No. | ANSI No. | Pitch | Roller Diam. | Width between L.P. | Link Plate |       | Pin Diam | Pin   |       |       | Avg. Tensile Strength | Max. Working Load | Approx Weight |
|-----------|----------|-------|--------------|--------------------|------------|-------|----------|-------|-------|-------|-----------------------|-------------------|---------------|
|           |          | P     | D            | W                  | H          | T     | d        | L     | L1    | L2    | Lb/kgf                | Lb/kgf            | Lb/ft kg/m    |
| C2042     | C2042    | 1.000 | 0.625        | 0.313              | 0.472      | 0.059 | 0.156    | 0.634 | 0.382 | 0.319 | 3638                  | 595               | 0.58          |
|           |          | 25.4  | 15.88        | 7.95               | 12         | 1.5   | 3.96     | 16.1  | 9.7   | 8.1   | 1650                  | 270               | 0.87          |
| C2052     | C2052    | 1.250 | 0.75         | 0.376              | 0.591      | 0.079 | 0.2      | 0.799 | 0.476 | 0.409 | 5952                  | 970               | 0.91          |
|           |          | 31.75 | 19.05        | 9.55               | 15         | 2     | 5.08     | 20.3  | 12.1  | 10.4  | 2700                  | 440               | 1.35          |
| C2062H    | C2062H   | 1.500 | 0.875        | 0.5                | 0.677      | 0.126 | 0.234    | 1.13  | 0.65  | 0.563 | 8598                  | 1323              | 1.47          |
|           |          | 38.1  | 22.23        | 12.7               | 17.2       | 3.2   | 5.95     | 28.7  | 16.5  | 14.3  | 3900                  | 600               | 2.19          |
| C2082H    | C2082H   | 2.000 | 1.125        | 0.626              | 0.945      | 0.157 | 0.313    | 1.413 | 0.839 | 0.709 | 14771                 | 2205              | 2.47          |
|           |          | 50.8  | 28.58        | 15.9               | 24         | 4     | 7.94     | 35.9  | 21.3  | 18    | 6700                  | 1000              | 3.68          |
| C2102H    | C2102H   | 2.500 | 1.563        | 0.754              | 1.142      | 0.189 | 0.375    | 1.697 | 0.992 | 0.85  | 23149                 | 3307              | 4.23          |
|           |          | 63.5  | 39.69        | 19.15              | 29         | 4.8   | 9.53     | 43.1  | 25.2  | 21.6  | 10500                 | 1500              | 6.3           |
| C2122H    | C2122H   | 3.000 | 1.75         | 1.006              | 1.339      | 0.22  | 0.437    | 2.11  | 1.185 | 1.055 | 33951                 | 4630              | 6.32          |
|           |          | 76.2  | 44.45        | 25.55              | 34         | 5.6   | 11.11    | 53.6  | 30.1  | 26.8  | 15400                 | 2100              | 9.4           |
| C2162H    | C2162H   | 4.000 | 2.25         | 1.256              | 1.85       | 0.283 | 0.563    | 2.673 | 1.52  | 1.339 | 49604                 | 7937              | 9.74          |
|           |          | 101.6 | 57.15        | 31.9               | 47         | 7.2   | 14.29    | 67.9  | 38.6  | 34    | 22500                 | 3600              | 14.5          |

# Roller Chain with Attachment Small Conveyor Chain

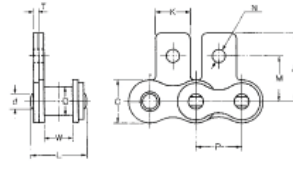
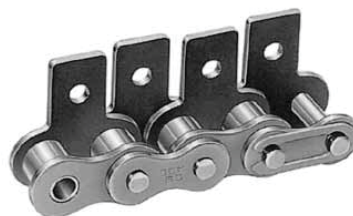
**TOLTEC**  
INCORPORATED



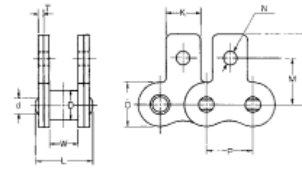
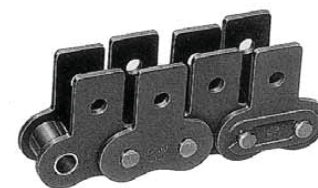
Type A-1



Type K-1



Type SA-1

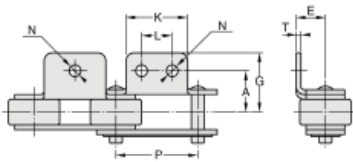


Type SK-1

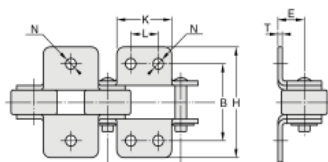
UNIT Upper: inch  
Beneath: mm

| Chain No. | Pitch  | Roller Diam. | Width between L.P. | Link Plate |       | Pin   |       | (BA-BK-SA-SK) Attachment |       |       |       |       |       |        |        |       |       | Additional Weight Per Attachment |        |
|-----------|--------|--------------|--------------------|------------|-------|-------|-------|--------------------------|-------|-------|-------|-------|-------|--------|--------|-------|-------|----------------------------------|--------|
|           | P      | D            | W                  | C          | T     | d     | L     | (L)                      | K     | N     | A     | E     | G     | (2A) B | (2G) H | M     | F     | BA-SK                            | BA-SK  |
| 25        | 0.250  | 0.130        | 0.126              | 0.230      | 0.030 | 0.091 | 0.295 | 0.307                    | 0.220 | 0.134 | 0.281 | 0.187 | 0.390 | 0.563  | 0.780  | 0.313 | 0.459 | 0.0007                           | 0.0013 |
|           | 6.35   | 3.3          | 3.2                | 5.85       | 0.75  | 2.3   | 7.5   | 7.8                      | 5.6   | 3.4   | 7.15  | 4.75  | 9.9   | 14.3   | 19.8   | 7.95  | 11.65 | 0.0003                           | 0.0006 |
| 35        | 0.375  | 0.200        | 0.189              | 0.354      | 0.049 | 0.141 | 0.461 | 0.465                    | 0.311 | 0.110 | 0.374 | 0.250 | 0.508 | 0.748  | 1.016  | 0.374 | 0.579 | 0.0018                           | 0.0035 |
|           | 9.525  | 5.08         | 4.8                | 9          | 1.25  | 3.58  | 11.7  | 11.8                     | 7.9   | 3.4   | 9.5   | 6.35  | 12.9  | 19     | 25.8   | 9.5   | 14.7  | 0.0008                           | 0.0016 |
| 40        | 0.500  | 0.312        | 0.313              | 0.472      | 0.059 | 0.156 | 0.634 | 0.654                    | 0.374 | 0.142 | 0.500 | 0.315 | 0.691 | 1.000  | 1.382  | 0.500 | 0.750 | 0.0022                           | 0.0044 |
|           | 12.7   | 7.92         | 7.95               | 12         | 1.5   | 3.96  | 16.1  | 16.6                     | 9.5   | 3.6   | 12.7  | 8     | 17.55 | 25.4   | 35.1   | 12.7  | 19.05 | 0.001                            | 0.002  |
| 50        | 0.625  | 0.400        | 0.376              | 0.591      | 0.079 | 0.200 | 0.799 | 0.819                    | 0.500 | 0.205 | 0.626 | 0.406 | 0.909 | 1.252  | 1.819  | 0.628 | 0.994 | 0.0088                           | 0.0176 |
|           | 15.875 | 10.16        | 9.55               | 15         | 2     | 5.08  | 20.3  | 20.8                     | 12.7  | 5.2   | 15.9  | 10.3  | 23.1  | 31.8   | 46.2   | 15.95 | 25.25 | 0.004                            | 0.008  |
| 60        | 0.750  | 0.469        | 0.500              | 0.709      | 0.094 | 0.234 | 1.000 | 1.020                    | 0.626 | 0.205 | 0.750 | 0.469 | 1.094 | 1.500  | 2.189  | 0.720 | 1.155 | 0.0154                           | 0.0309 |
|           | 19.05  | 11.91        | 12.7               | 18         | 2.4   | 5.95  | 25.4  | 25.9                     | 15.9  | 5.2   | 19.05 | 11.9  | 27.8  | 38.1   | 55.6   | 18.3  | 29.33 | 0.007                            | 0.014  |
| 80        | 1.000  | 0.625        | 0.626              | 0.945      | 0.126 | 0.313 | 1.287 | 1.299                    | 0.752 | 0.268 | 1.000 | 0.626 | 1.276 | 2.000  | 2.551  | 0.969 | 1.366 | 0.0243                           | 0.0485 |
|           | 25.4   | 15.88        | 15.9               | 24         | 3.2   | 7.94  | 32.7  | 33                       | 19.1  | 6.8   | 25.4  | 15.9  | 32.4  | 50.8   | 64.8   | 24.6  | 34.7  | 0.011                            | 0.022  |
| 100       | 1.250  | 0.750        | 0.754              | 1.181      | 0.157 | 0.375 | 1.697 | 1.701                    | 1.000 | 0.346 | 1.250 | 0.780 | 1.719 | 2.500  | 3.437  | 1.252 | 1.705 | 0.0507                           | 0.1014 |
|           | 31.75  | 19.05        | 19.15              | 30         | 4     | 9.53  | 43.1  | 43.2                     | 25.4  | 8.8   | 31.75 | 19.8  | 43.65 | 63.5   | 87.3   | 31.8  | 43.3  | 0.023                            | 0.046  |
| 120       | 1.500  | 0.875        | 1.006              | 1.417      | 0.189 | 0.437 | 2.106 | 2.114                    | 1.126 | 0.413 | 1.500 | 0.906 | 2.136 | 3.000  | 4.272  | 1.437 | 2.031 | 0.0838                           | 0.1676 |
|           | 38.1   | 22.23        | 25.55              | 36         | 4.8   | 11.11 | 53.5  | 53.7                     | 28.6  | 10.5  | 38.1  | 23    | 54.25 | 76.2   | 108.5  | 36.5  | 51.6  | 0.038                            | 0.076  |
| 140       | 1.750  | 1.000        | 1.004              | 1.654      | 0.220 | 0.500 | 2.319 | 2.323                    | 1.374 | 0.472 | 1.750 | 1.126 | 2.421 | 3.500  | 4.843  | 1.750 | 2.441 | 0.1455                           | 0.291  |
|           | 44.45  | 25.4         | 25.5               | 42         | 5.6   | 12.7  | 58.9  | 59                       | 34.9  | 12    | 44.45 | 28.6  | 61.5  | 88.9   | 123    | 44.45 | 62    | 0.066                            | 0.132  |
| 160       | 2.000  | 1.125        | 1.256              | 1.850      | 0.252 | 0.563 | 2.720 | 2.728                    | 1.500 | 0.551 | 2.000 | 1.252 | 2.811 | 4.000  | 5.622  | 2.000 | 2.750 | 0.172                            | 0.3439 |
|           | 50.8   | 28.58        | 31.9               | 47         | 6.4   | 14.29 | 69.1  | 69.3                     | 38.1  | 14    | 50.8  | 31.8  | 71.4  | 101.6  | 142.8  | 50.8  | 69.85 | 0.078                            | 0.156  |

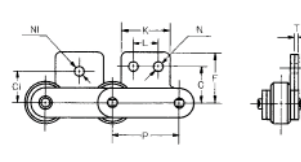
Stainless attachment chain is available.  
(L) indicates the dimension of stainless steel chain.



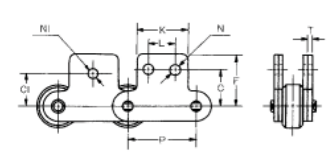
Type A-1-2



Type K-1-2



Type SA-1-2



Type SK-1-2

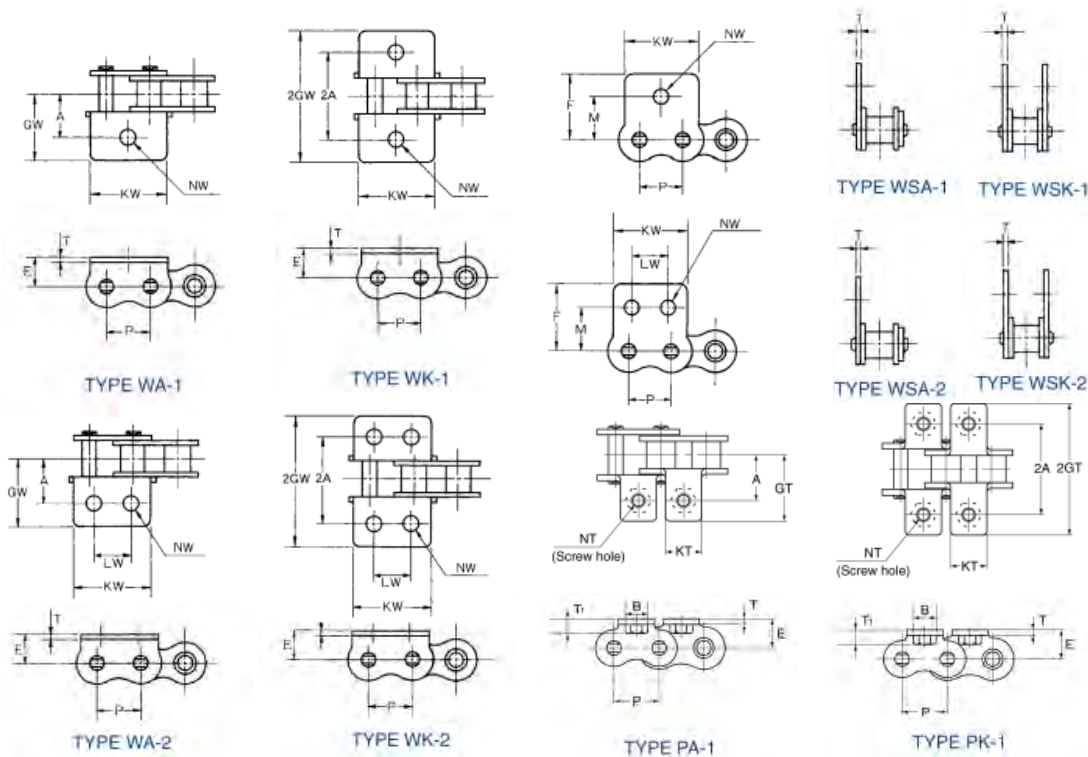
UNIT Upper: inch  
Beneath: mm

| Chain No.     | Pitch | Link Plate | (BA-BK-SA-SK) Attachment |       |       |       |       |       |           |           |       |       |       |       | Additional Weight<br>Per Attachment<br>Lb/kg |       |
|---------------|-------|------------|--------------------------|-------|-------|-------|-------|-------|-----------|-----------|-------|-------|-------|-------|----------------------------------------------|-------|
|               | P     | T          | K                        | N     | L     | A     | E     | G     | (2A)<br>B | (2G)<br>H | C     | F     | C1    | N1    | BA-SA                                        | BA-SK |
| C2040-C2042   | 1.000 | 0.059      | 0.752                    | 0.142 | 0.374 | 0.500 | 0.358 | 0.780 | 1.000     | 1.559     | 0.531 | 0.807 | 0.437 | 0.205 | 0.007                                        | 0.013 |
|               | 25.4  | 1.5        | 19.1                     | 3.6   | 9.5   | 12.7  | 9.1   | 19.8  | 25.4      | 39.6      | 13.5  | 20.5  | 11.1  | 5.2   | 0.003                                        | 0.006 |
| C2050-C2052   | 1.250 | 0.079      | 0.937                    | 0.205 | 0.469 | 0.626 | 0.437 | 0.965 | 1.252     | 1.929     | 0.626 | 0.984 | 0.563 | 0.268 | 0.013                                        | 0.026 |
|               | 31.75 | 2          | 23.8                     | 5.2   | 11.9  | 15.9  | 11.1  | 24.5  | 31.8      | 49        | 15.9  | 25    | 14.3  | 6.8   | 0.006                                        | 0.012 |
| C2060H-C2062H | 1.500 | 0.126      | 1.126                    | 0.205 | 0.563 | 0.843 | 0.579 | 1.240 | 1.685     | 2.480     | 0.752 | 1.295 | 0.689 | 0.346 | 0.037                                        | 0.075 |
|               | 38.1  | 3.2        | 28.6                     | 5.2   | 14.3  | 21.4  | 14.7  | 31.5  | 42.8      | 63        | 19.1  | 32.9  | 17.5  | 8.8   | 0.017                                        | 0.034 |
| C2080H-C2082H | 2.000 | 0.157      | 1.500                    | 0.268 | 0.752 | 1.094 | 0.752 | 1.602 | 2.189     | 3.205     | 1.000 | 1.713 | 0.874 | 0.413 | 0.082                                        | 0.163 |
|               | 50.8  | 4          | 38.1                     | 6.8   | 19.1  | 27.8  | 19.1  | 40.7  | 55.6      | 81.4      | 25.4  | 43.5  | 22.2  | 10.5  | 0.037                                        | 0.074 |
| C2100H-C2102H | 2.500 | 0.189      | 1.874                    | 0.346 | 0.937 | 1.311 | 0.921 | 1.965 | 2.622     | 3.929     | 1.252 | 2.106 | 1.126 | 0.551 | 0.154                                        | 0.309 |
|               | 63.5  | 4.8        | 47.6                     | 8.8   | 23.8  | 33.3  | 23.4  | 49.9  | 66.6      | 99.8      | 31.8  | 53.5  | 28.6  | 14    | 0.07                                         | 0.14  |
| C2120H-C2122H | 3.000 | 0.220      | 2.252                    | 0.413 | 1.126 | 1.563 | 1.094 | 2.390 | 3.126     | 4.780     | 1.469 | 2.480 | 1.311 | 0.630 | 0.254                                        | 0.507 |
|               | 76.2  | 5.6        | 57.2                     | 10.5  | 28.6  | 39.7  | 27.8  | 60.7  | 79.4      | 121.4     | 37.3  | 63    | 33.3  | 16    | 0.115                                        | 0.23  |
| C2160H-C2162H | 4.000 | 0.283      | 3.000                    | 0.551 | 1.500 | 2.063 | 1.437 | 3.028 | 4.126     | 6.055     | 2.000 | 3.012 | 1.752 | 0.827 | 0.5                                          | 1.001 |
|               | 101.6 | 7.2        | 76.2                     | 14    | 38.1  | 52.4  | 36.5  | 76.9  | 104.8     | 153.8     | 50.8  | 76.5  | 44.5  | 21    | 0.227                                        | 0.454 |

Stainless attachment chain is available.

# Wide Contour Attachment Small Conveyor Chain

**TOLTEC**  
INCORPORATED

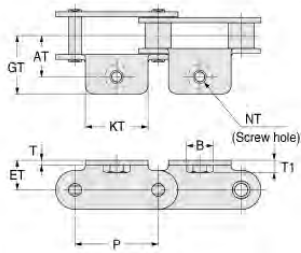


UNIT Upper: inch  
Beneath: mm

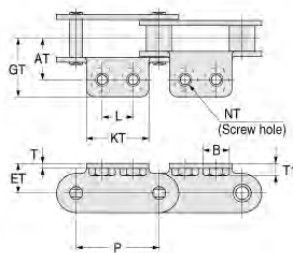
| Chain No. | Pitch  | Link Plate |       |       |       |    |       |       |       |       |       |       |       |       |       | Link Plate | Additional Weight Per Attachment Lb/kgf |         |         |  |
|-----------|--------|------------|-------|-------|-------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|-----------------------------------------|---------|---------|--|
|           | P      | KW         | KT    | LW    | NW    | NT | A     | E     | GW    | GT    | B     | T1    | M     | F     | T     | TA         | TK                                      | WA, WSA | WK, WSK |  |
| 40        | 0.500  | 0.906      | 0.374 | 0.374 | 0.177 |    | 0.500 | 0.315 | 0.691 | 0.691 | 0.319 | 0.150 | 0.500 | 0.689 | 0.059 | 0.002      | 0.004                                   | 0.009   | 0.018   |  |
|           | 12.7   | 23         | 9.5   | 9.5   | 4.5   | M4 | 12.7  | 8     | 17.55 | 17.55 | 8.1   | 3.8   | 12.7  | 17.5  | 1.5   | 0.001      | 0.002                                   | 0.004   | 0.008   |  |
| 50        | 0.625  | 1.134      | 0.500 | 0.469 | 0.217 |    | 0.626 | 0.406 | 0.909 | 0.909 | 0.362 | 0.201 | 0.626 | 0.909 | 0.079 | 0.009      | 0.018                                   | 0.015   | 0.031   |  |
|           | 15.875 | 28.8       | 12.7  | 11.9  | 5.5   | M5 | 15.9  | 10.3  | 23.1  | 23.1  | 9.2   | 5.1   | 15.9  | 23.1  | 2     | 0.004      | 0.008                                   | 0.007   | 0.014   |  |
| 60        | 0.750  | 1.362      | 0.626 | 0.563 | 0.260 |    | 0.750 | 0.469 | 1.094 | 1.094 | 0.453 | 0.287 | 0.720 | 1.057 | 0.094 | 0.015      | 0.031                                   | 0.029   | 0.057   |  |
|           | 19.05  | 34.6       | 15.9  | 14.3  | 6.6   | M6 | 19.05 | 11.9  | 27.8  | 27.8  | 11.5  | 7.3   | 18.3  | 26.85 | 2.4   | 0.007      | 0.014                                   | 0.013   | 0.026   |  |
| 80        | 1.000  | 1.815      | 0.752 | 0.752 | 0.354 |    | 1.000 | 0.626 | 1.402 | 1.276 | 0.591 | 0.339 | 0.969 | 1.366 | 0.126 | 0.024      | 0.049                                   | 0.062   | 0.123   |  |
|           | 25.4   | 46.1       | 19.1  | 19.1  | 9     | M8 | 25.4  | 15.9  | 35.6  | 32.4  | 15    | 8.6   | 24.6  | 34.7  | 3.2   | 0.011      | 0.022                                   | 0.028   | 0.056   |  |

Stainless attachment chain is available.

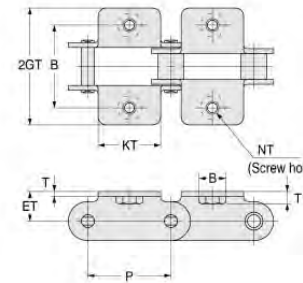
Sunk attachment is suitable where attachment wears quickly from sliding.



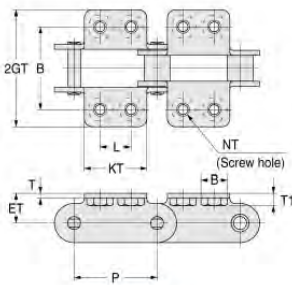
TYPE PA-1



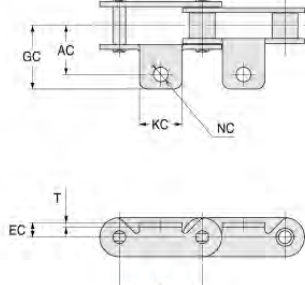
TYPE PA-2



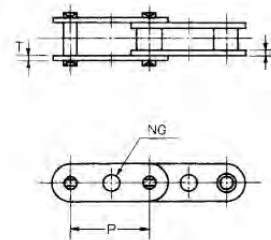
TYPE PK-1



TYPE PK-2



TYPE CA-1



TYPE GK-1

UNIT Upper: inch  
Beneath: mm

| Chain No.         | Pitch |       |       |    |       |       | Pin   |       |       |       |       |       |       |       |       | Link Plate | Additional Weight Per Attachment<br>Lb/kgf |       |       |
|-------------------|-------|-------|-------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------------------------------------|-------|-------|
|                   | P     | KT    | KC    | NT | NC    | NG    | L     | AT    | AC    | ET    | EC    | GT    | GC    | B     | T1    | T          | TA                                         | TK    | CA    |
| C2040-<br>C2042   | 1.000 | 0.752 | 0.512 |    | 0.177 | 0.161 | 0.374 | 0.500 | 0.591 | 0.358 | 0.177 | 0.780 | 0.768 | 0.319 | 0.150 | 0.059      | 0.007                                      | 0.013 | 0.002 |
|                   | 25.4  | 19.1  | 13    | M4 | 4.5   | 4.1   | 9.5   | 12.7  | 15    | 9.1   | 4.5   | 19.8  | 19.5  | 8.1   | 3.8   | 1.5        | 0.003                                      | 0.006 | 0.001 |
| C2050-<br>C2052   | 1.250 | 0.937 | 0.630 |    | 0.217 | 0.205 | 0.469 | 0.626 | 0.709 | 0.437 | 0.197 | 0.965 | 0.945 | 0.362 | 0.201 | 0.079      | 0.013                                      | 0.026 | 0.004 |
|                   | 31.75 | 23.8  | 16    | M5 | 5.5   | 5.2   | 11.9  | 15.9  | 18    | 11.1  | 5     | 24.5  | 24    | 9.2   | 5.1   | 2          | 0.006                                      | 0.012 | 0.002 |
| C2060H-<br>C2062H | 1.500 | 1.126 | 0.748 |    | 0.205 | 0.244 | 0.563 | 0.843 | 0.906 | 0.579 | 0.244 | 1.240 | 1.398 | 0.453 | 0.287 | 0.126      | 0.037                                      | 0.075 | 0.013 |
|                   | 38.1  | 28.6  | 19    | M6 | 5.2   | 6.2   | 14.3  | 21.4  | 23    | 14.7  | 6.2   | 31.5  | 35.5  | 11.5  | 7.3   | 3.2        | 0.017                                      | 0.034 | 0.006 |
| C2080H-<br>C2082H | 2.000 | 1.500 | -     |    | -     | 0.323 | 0.752 | 1.094 | -     | 0.752 | -     | 1.602 | -     | 0.591 | 0.339 | 0.157      | 0.082                                      | 0.163 | -     |
|                   | 50.8  | 38.1  | -     | M8 | -     | 8.2   | 19.1  | 27.8  | -     | 19.1  | -     | 40.7  | -     | 15    | 8.6   | 4          | 0.037                                      | 0.074 | -     |

CA-1 is not available for C2080H and C2082H.



## Chain: Cast, Engineering and Pintle



Toltec heavy duty, engineering class conveyor chains are designed and manufactured to withstand the demanding requirements of high-load power transmission use. All Toltec heavy duty conveyor chains meet or exceed OEM and ASME/ANSI specifications.

To offer the best combination of strength, wear, and resistance to shock load, our chains also feature:

- Straight or offset sidebar construction.
- Case or thru hardened pins.
- Heavy interference fits.
- Full round pin and bushing design
- Quality heat-treated carbon and alloy steel.

## Cast Chain

SAE 4130 and 4140 material. Largest size 154 pounds and 16 by 24 inches. Pintle, Mill, Drag, Carrier and Transfer.





## Slip Clutch Linings (Friction Discs)

For use in rotary mowers, potato harvesting equipment or any clutch mechanism that requires a lining.

| Stock Number | O.D." | I.D." | Thickness" | Interchangeable W/ OEM Number                                                                              |
|--------------|-------|-------|------------|------------------------------------------------------------------------------------------------------------|
| FP4525       | 4.5   | 2.5   | 0.125      |                                                                                                            |
| FP4725       | 4.75  | 2.5   | 0.125      |                                                                                                            |
| FP5026       | 5     | 2.63  | 0.125      |                                                                                                            |
| FP5226       | 5.25  | 2.55  | 0.125      | Lockwood 483-5                                                                                             |
| FP5235       | 5.25  | 3.5   | 0.125      | Lockwood 483-4                                                                                             |
| FP5530       | 5.55  | 3.03  | 0.125      |                                                                                                            |
| FP5533       | 5.5   | 3.38  | 0.125      | Bush Hog 64651                                                                                             |
| FP5535       | 5.5   | 3.5   | 0.125      |                                                                                                            |
| FP6035       | 6     | 3.6   | 0.125      | Rhino 000754202<br>John Deere W34913<br>John Deere DY10734<br>Bush Hog 76083                               |
| FP6225       | 6.25  | 2.5   | 0.125      |                                                                                                            |
| FP6237       | 6.25  | 3.75  | 0.125      | Bush Hog 91560                                                                                             |
| FP6240       | 6.31  | 4     | 0.125      | Woods 7280                                                                                                 |
| FP6338       | 6.31  | 3.84  | 0.125      | Bush Hog 64644                                                                                             |
| FP6436       | 6.2   | 3.9   | 0.125      |                                                                                                            |
| FP6511       | 6.5   | 1.13  | 0.188      | Bush Hog 374                                                                                               |
| FP6520       | 6.5   | 2     | 0.125      | Ford 202227<br>New Holland 1222119                                                                         |
| FP6524       | 6.5   | 2.4   | 0.2        | Bush Hog 372-IBH                                                                                           |
| FP6526       | 6.5   | 2.63  | 0.135      | Terrain King 748833<br>Sidewinder 15436<br>Hardee C57<br>Ford 2222042<br>Massey I045320M1<br>Caldwell 8323 |
| FP6530       | 6.5   | 3     | 0.125      | Lockwood 483-6                                                                                             |
| FP6545       | 6.5   | 4.5   | 0.125      | John Deere W39301                                                                                          |
| FP6911       | 6.94  | 1.13  | 0.188      |                                                                                                            |
| FP7038       | 7     | 3.81  | 0.125      | Rhino 058-1060-003                                                                                         |
| FP8055       | 8     | 5.5   | 0.125      |                                                                                                            |
| FP9042       | 9     | 4.25  | 0.125      | Lockwood 483-3                                                                                             |
| FP9043       | 9     | 4.38  | 0.125      |                                                                                                            |
| FP9744       | 9.75  | 4.44  | 0.125      |                                                                                                            |

## Solid Set Collars (Zinc Plated)



Other sizes available upon request.

| Stock Number | Approx. Weight Lbs. | O.D." | Width" | Set Screw |
|--------------|---------------------|-------|--------|-----------|
| SC 1/8       | 0.008               | 0.44  | 0.25   | 6-32      |
| SC 3/16      | 0.008               | 0.44  | 0.25   | 8-32      |
| SC 1/4       | 0.012               | 0.5   | 0.31   | 10-32     |
| SC 5/16      | 0.02                | 0.63  | 0.31   | 10-32     |
| SC 3/8       | 0.032               | 0.75  | 0.38   | 1/4 20    |
| SC 7/16      | 0.052               | 0.88  | 0.44   | 1/4 20    |
| SC 1/2       | 0.068               | 1     | 0.44   | 1/4 20    |
| SC 9/16      | 0.064               | 1     | 0.44   | 1/4 20    |
| SC 5/8       | 0.092               | 1.13  | 0.5    | 5/16 18   |
| SC 1 1/16    | 0.128               | 1.13  | 0.56   | 5/16 18   |
| SC 3/4       | 0.12                | 1.25  | 0.56   | 5/16 18   |
| SC 1 3/16    | 0.124               | 1.31  | 0.56   | 5/16 18   |
| SC 7/8       | 0.176               | 1.5   | 0.56   | 5/16 18   |
| SC 1 5/16    | 0.16                | 1.63  | 0.56   | 5/16 18   |
| SC 1         | 0.22                | 1.63  | 0.63   | 5/16 18   |
| SC 1 1/16    | 0.256               | 1.75  | 0.63   | 5/16 18   |
| SC 1 1/8     | 0.236               | 1.75  | 0.63   | 5/16 18   |
| SC 1 3/16    | 0.38                | 2     | 0.69   | 3/8 16    |
| SC 1 1/4     | 0.352               | 2     | 0.69   | 3/8 16    |
| SC 1 5/16    | 0.404               | 2.13  | 0.69   | 3/8 16    |
| SC 1 3/8     | 0.412               | 2.13  | 0.75   | 3/8 16    |
| SC 1 7/16    | 0.476               | 2.25  | 0.81   | 3/8 16    |
| SC 1 1/2     | 0.448               | 2.225 | 0.81   | 3/8 16    |
| SC 1 9/16    | 0.66                | 2.5   | 0.81   | 3/8 16    |
| SC 1 5/8     | 0.62                | 2.5   | 0.81   | 3/8 16    |
| SC 1 11/16   | 0.59                | 2.5   | 0.81   | 3/8 16    |
| SC 1 3/4     | 0.75                | 2.75  | 0.88   | 1/2 13    |
| SC 1 7/8     | 0.71                | 2.75  | 0.88   | 1/2 13    |
| SC 1 15/16   | 0.98                | 3     | 0.88   | 1/2 13    |
| SC 2         | 0.93                | 3     | 0.88   | 1/2 13    |
| SC 2 1/8     | 0.84                | 3     | 0.88   | 1/2 13    |
| SC 2 3/16    | 1.25                | 3.25  | 0.94   | 1/2 13    |
| SC 2 1/4     | 1.125               | 3.25  | 0.94   | 1/2 13    |
| SC 2 5/16    | 1.04                | 3.25  | 0.94   | 1/2 13    |
| SC 2 7/16    | 1.34                | 3.5   | 1      | 1/2 13    |
| SC 2 1/2     | 1.26                | 3.5   | 1      | 1/2 13    |
| SC 2 3/4     | 2.02                | 4     | 1.13   | 1/2 13    |
| SC 2 15/16   | 2.24                | 4.25  | 1.13   | 1/2 13    |
| SC 3         | 2.16                | 4.25  | 1.13   | 1/2 13    |
| SC 3 1/16    | 2.7                 | 4.5   | 1.13   | 1/2 13    |
| SC 3 15/16   | 3.05                | 5     | 1.13   | 1/2 13    |

A-B belt a steel, single-groove pulleys are available with O.D.'s from 3" to 16". I.D.'s are compatible to weld hubs.

| Pulley | Outside Diameter" | Fits In  |
|--------|-------------------|----------|
| WP3.0  | 3                 | V Series |
| WP3.5  | 3.5               | W Series |
| WP4.0  | 4                 | W Series |
| WP4.5  | 4.5               | W Series |
| WP5.0  | 5                 | W Series |
| WP5.5  | 5.5               | W Series |
| WP6.0  | 6                 | W Series |
| WP6.5  | 6.5               | W Series |
| WP7.0  | 7                 | W Series |
| WP8.0  | 8                 | W Series |
| WP9.0  | 9                 | W Series |
| WP10   | 10                | W Series |
| WP11   | 11                | W Series |
| WP12   | 12                | W Series |
| WP14   | 14                | W Series |
| WP16   | 16                | W Series |

# Stellar Service for a World of Products



## Contact

[www.toltecincorporated.com](http://www.toltecincorporated.com)  
[toltec@toltecincorporated.com](mailto:toltec@toltecincorporated.com)  
2265 W 76th Street  
Davenport, Iowa 52806  
Phone: 563-386-2719  
Fax: 563-386-9106