

ROLLER CHAIN SPROCKETS

PRODUCT	PAGE
INDEX.....	E-1 - E-2
MADE-TO-ORDER CAPABILITIES.....	E-3
SECTION I – STANDARD SPROCKETS.....	E-4 - E-112
Shear Pin Sprockets, Bolt-On.....	E-4 - E-6
Type D Sprockets, Detachable Hubs Split and Solid	E-7
Instant Split® Sprockets.....	E-8
Torque Limiter.....	E-9 - E-10
Double Pitch Sprockets.....	E-11 - E-15
Double Single Sprockets.....	(See Pitch Below)
Sprockets, Stock.....	E-16 - E-112
No. 25 – ¼" pitch	E-16 - E-17
No. 35 – ⅜" pitch	E-18 - E-26
No. 41 – ½" pitch	E-27 - E-29
No. 40 – ½" pitch	E-30 - E-42
No. 50 – ⅝" pitch	E-43 - E-55
No. 60 – ¾" pitch	E-56 - E-68
No. 80 – 1" pitch	E-69 - E-81
No. 100 – 1¼" pitch	E-82 - E-91
No. 120 – 1½" pitch	E-92 - E-97
No. 140 – 1¾" pitch	E-98- E-102
No. 160 – 2" pitch	E-103 - E-107
No. 180 – 2¼" pitch	E-108
No. 200 – 2½" pitch	E-109 - E-111
No. 240 – 3" pitch	E-112
SECTION II – METRIC SPROCKETS.....	E-113 - E-151
ISO - 06B-1, Metric 35 - 0.375 in. (9.525mm) Pitch, Simplex	E-114 – E-115
ISO - 06B-2, Metric 35-2 - 0.375 in. (9.525mm) Pitch, Duplex.....	E-116 – E-117
ISO - 06B-3, Metric 35-3 - 0.375 in. (9.525mm) Pitch, Triplex	E-118
ISO - 08B-1, Metric 40 - 0.500 in. (12.70mm) Pitch, Simplex	E-119 – E-120
ISO - 08B-2, Metric 40-2 - 0.500 in. (12.70mm) Pitch, Duplex	E-121 – E122
ISO - 08B-3, Metric 40-3 - 0.500 in. (12.70mm) Pitch, Triplex	E-123
ISO - 10B-1, Metric 50 - 0.625 in. (15.88mm) Pitch, Simplex	E-124 – E-125
ISO - 10B-2, Metric 50-2 - 0.625 in. (15.88mm) Pitch, Duplex.....	E-126 – E-127
ISO - 10B-3, Metric 50-3 -0.625 in. (15.88mm) Pitch, Triplex	E-128
ISO - 12B-1, Metric 60 - 0.750 in. (19.05mm) Pitch, Simplex	E-129 – E-130
ISO - 12B-2, Metric 60-2 - 0.750 in. (19.05mm) Pitch, Duplex	E-131 – E-132
ISO - 12B-3, Metric 60-3 - 0.750 in. (19.05mm) Pitch, Triplex	E-133
ISO - 16B-1, Metric 80 - 1.000 in. (25.40mm) Pitch, Simplex	E-134 – E-135

ROLLER CHAIN SPROCKETS

PRODUCT **PAGE**

SECTION II – METRIC SPROCKETS (continued)

ISO - 16B-2, Metric 80-2 - 1.000 in. (25.40mm) Pitch, Duplex.....	E-136 – E-137
ISO - 16B-3, Metric 80-3 - 1.000 in. (25.40mm) Pitch, Triplex	E-138
ISO - 20B-1, Metric 100 - 1.250 in. (31.75mm) Pitch, Simplex	E-139 – E-140
ISO - 20B-2, Metric 100-2 - 1.250 in. (31.75mm) Pitch, Duplex	E-141
ISO - 20B-3, Metric 100-3 - 1.250 in. (31.75mm) Pitch, Triplex	E-142
ISO - 24B-1, Metric 120 - 1.500 in. (38.10mm) Pitch, Simplex	E-143 – E-144
ISO - 24B-2, Metric 120-2 - 1.500 in. (38.10mm) Pitch, Duplex	E-145
ISO - 28B-1, Metric 140 - 1.750 in. (44.45mm) Pitch, Simplex	E-146 – E-147
ISO - 28B-2, Metric 140-2 - 1.750 in. (44.45mm) Pitch, Duplex	E-148
ISO - 32B-1, Metric 160 - 2.00 in. (50.80mm) Pitch, Simplex	E-149 – E-150
ISO - 32B-2, Metric 160-2 - 2.00 in. (50.80mm) Pitch, Simplex.....	E-151

SECTION III – ENGINEERING.....E-152 – E-192

Sprocket Nomenclature.....	E-153 – E-155
Roller Chain Dimensions.....	E-156
Sprocket Tooth Dimensions.....	E-157
Maximum Bore and Hub Size	E-158 – E-159
Sprocket Selection	E-160– E-163
Sprocket Engineering	E-164 – E-166
Hardening.....	E-167
Chain Drive Engineering	E-168 – E-169
Roller Chain Lengths.....	E-169
Speed Ratios.....	E-170
Sprocket Diameters.....	E-171 – E-183
Horsepower Ratings.....	E-184 – E-192



Multi-Strand Oil Field Sprocket with Clutch Jaws



Triple 160 Shaft Sprocket



Quadruple 160 Sprocket



Triple 200 Sprocket



Double 200 Sprocket and Pinion



Large Triple Strand Sprocket with Mounting Flange



Sprocket with Mud Relief



Standard RC Sprocket with Spline Bore



Special Dryer Sprocket



Special Plastic Sprocket



Block Chain

Martin manufactures numerous Made-To-Order (MTO) sprockets. If you do not see the sprocket you need in this section, call us. Chances are if chain runs on it, we have made the sprocket before. Special materials, special bores, duplex, triplex, double-single-doubles, etc. are all familiar to *Martin*.

Bolt-On Shear Pin Sprockets



Shear Pin sprockets provide simple, dependable protection against expensive machinery damage caused by overloads or jamming. Torque is transmitted by a single pin, necked to shear when the safe load is exceeded. When an overload occurs, the pin shears, disconnecting the drive immediately.

The Bolt-on Shear Pin Adapter converts any plate sprocket into a stock Shear Pin sprocket allowing immediate delivery of stock Shear Pin sprockets.

Selection guide on page E-6 gives complete procedure to select the proper Shear Pin assembly.



SPROCKETS

Stock Shear Pin Assemblies

Shear Pin Assembly Number	Hub Bore Range	Shear Pin Hub	Shear Pin Adapter
		Catalog Number	Catalog Number
SP-17	1" & UNDER	SPH-17	SPA-17
SP-18	1 1/8"-1 1/4"	SPH-18	SPA-18
SP-19	1 1/2"-1 3/4"	SPH-19	SPA-19
SP-20	1 3/8"-1 1/2"	SPH-20	SPA-20
SP-21	1 3/4"-2"	SPH-21	SPA-21
SP-22	2 1/8"-2 1/4"	SPH-22	SPA-22
SP-23	2 3/8"-2 1/2"	SPH-23	SPA-23
SP-24	2 3/4"-2 3/4"	SPH-24	SPA-24
SP-25	2 3/4"-3"	SPH-25	SPA-25
SP-26	3 1/8"-3 1/2"	SPH-26	SPA-26
SP-27	3 3/8"-4"	SPH-27	SPA-27
SP-28	4 1/8"-4 1/2"	SPH-28	SPA-28
SP-29	4 3/8"-5"	SPH-29	SPA-29
SP-30	4 3/4"-5 1/2"	SPH-30	SPA-30
SP-31	5 1/8"-6"	SPH-31	SPA-31

Notes on Pricing:

Shear Pin Hub List Price includes any finished bore within the stated range, standard keyway, setscrew, and hardened steel shear pin bushing.

Shear Pin Adapter List Price includes the Shear Pin bushin and grease fitting.

Complete Assembly List Price includes all components of the Shear Pin assembly as described above. Total list price of any Shear Pin sprocket is the complete assembly list price plus the list price of the desired plate sprocket (from tables of stock sprocket list prices).

Replacement Sprockets should be priced as altered stock sprockets directly from List Price and Alteration Charge tables.

Shear Pin Components may be ordered separately and will be treated as stock items when conforming to standard specifications and descriptions above.

Pricing Examples:

1. Stock Shear Pin Sprocket

To price a 35 tooth shear pin sprocket for 160 chain (160SP35) using SP-26 shear pin assembly with 3 3/8" bore, standard keyway and setscrew:

SP-26 Assembly List Price.....
160A35 List Price
Total List Price

**See List
Price Sheet**

2. Shear Pin Adapter and Sprocket for Existing Hub

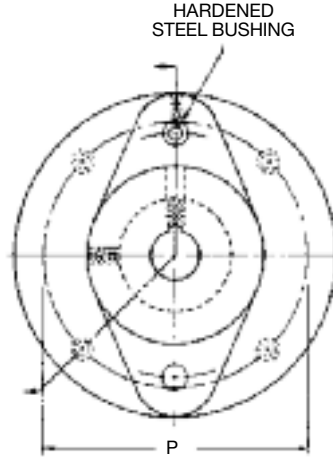
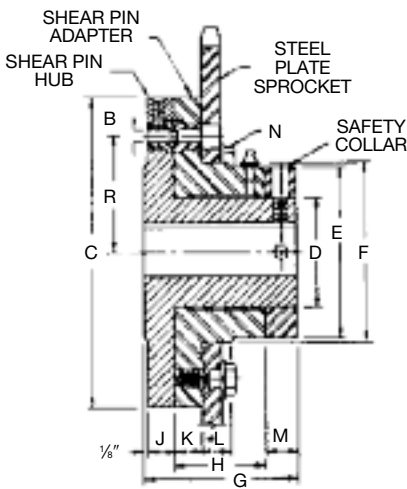
To price a "Bolt-on" shear pin adapter and sprocket to replace the sprocket part of existing 50SP40 using SP-19 hub:

SPA-19 Adapter List Price.....
50A40 List Price
Total List Price

**See List
Price Sheet**

Shear Pin Sprockets can also be furnished in other standard styles or made to customer's specifications. Price on application.

It is important that the torque requirement for the selected hub be checked in the torque rating table on page E-6 and the neck diameter of Shear Pin be specified.



SPROCKETS

Shear Pin Assembly Dimensions (Inches)

Table I

Shear Pin Assembly Number	Shear Pin		Diameters				Length Thru			Hub Flange Thickness	Adapt. Flange Thickness	Sprocket Seat Width	Bolts		Weights (lbs.)	
	Radius	Pin Dia.	Flange	Shear Pin Hub	Adapt. Hub & Collar	Sprocket Seat	Shear Pin Hub	Adapt.	Collar				Number & Size	Bolt Circle	Shear Pin Hub	Shear Pin Adapt.
	R	B	C	D	E	F	G	H	M				J	K	L	N	P
SP-17	1 ¹ / ₁₆	¼	5¼	1¼	2½	2¾	2 ¹ / ₁₆	1¼	¾	¼	¼	¼	4-¾"	4	2.7	3.2
SP-18	2 ¹ / ₁₆	¼	6	2¼	3¼	3¾	2 ¹ / ₁₆	1¼	½	¼	¼	¼	4-¾"	4¼	4.6	4.7
SP-19	2 ¹ / ₁₆	¾	6¾	2¼	4	4¾	3 ¹ / ₁₆	2¼	¾	¼	¼	¼	4-½"	5½	7.2	7.6
SP-20	3	¾	7¾	3¼	4¾	4¾	4 ¹ / ₁₆	2½	¾	¼	¼	¼	4-½"	6¼	11.0	11.9
SP-21	3 ¹ / ₁₆	¾	8¾	3¼	5¼	5¾	4 ¹ / ₁₆	2¾	¾	¼	¼	¼	4-¾"	7	16.2	16.9
SP-22	3 ¹ / ₁₆	½	9¾	4¼	6¼	6¾	5 ¹ / ₁₆	3	1	¼	¼	¼	4-¾"	8	23.3	24.5
SP-23	4	½	10	4½	6½	6¾	5 ¹ / ₁₆	3½	1	¼	¼	¼	4-¾"	8¼	26.3	27.7
SP-24	4¾	¾	11½	5	7	7¾	6 ¹ / ₁₆	3¾	1¼	¼	¼	¼	4-¾"	9¼	40.4	38.6
SP-25	4¾	¾	12½	5½	8	8¾	6 ¹ / ₁₆	4¼	1¼	¼	¼	¼	6-¾"	10¼	52.6	53.6
SP-26	5 ¹ / ₁₆	1 ¹ / ₁₆	13½	6¼	8¾	8¾	7 ¹ / ₁₆	4¾	1¼	¼	¼	¼	6-¾"	11¼	66.7	66.8
SP-27	6 ¹ / ₁₆	¾	15½	7	10	10¾	8 ¹ / ₁₆	5½	1½	¼	¼	¼	6-¾"	12¼	96.5	100.0
SP-28	6 ¹ / ₁₆	¾	16¼	7¾	10¾	10¾	9 ¹ / ₁₆	6¾	1½	¼	¼	¼	6-¾"	13½	125.0	115.0
SP-29	7¼	¾	17½	8½	12	12½	10 ¹ / ₁₆	7	1¾	¼	¼	¼	6-1"	14¾	160.0	150.0
SP-30	8¼	1	20¼	9¾	13¾	13¾	11 ¹ / ₁₆	7¾	2	¼	¼	¼	6-1"	17	215.0	207.0
SP-31	8¼	1¼	22½	10¾	15	15¾	12 ¹ / ₁₆	8¾	2¼	¼	¼	¼	6-1"	18¾	318.0	265.0

NOTE: Shear Pin "Pin" length equals 2 x "J" dimension.

Sprocket Sizes For Stock Shear Pin Assemblies

Table II

Shear Pin Assembly Number	Hub Bore Range	Minimum Number of Teeth for Single Sprockets													
		Chain Number													
		35	41	40	50	60	80	100	120	140	160	180	200	240	
SP-17	1" & UNDER	48	37	37	30	26	—	—	—	—	—	—	—	—	
SP-18	1 ¹ / ₁₆ -1¼	55	42	42	34	29	23	—	—	—	—	—	—	—	
SP-19	1 ¹ / ₁₆ -1½	61	46	47	38	32	25	21	—	—	—	—	—	—	
SP-20	1 ¹ / ₁₆ -1¾	69	53	53	43	36	28	23	—	—	—	—	—	—	
SP-21	1 ¹ / ₁₆ -2	78	59	59	48	41	31	26	22	19	—	—	—	—	
SP-22	2 ¹ / ₁₆ -2¼	86	65	66	53	45	34	28	24	21	19	17	—	14	
SP-23	2 ¹ / ₁₆ -2½	89	67	67	55	46	35	29	25	22	19	18	16	14	
SP-24	2 ¹ / ₁₆ -2¾	101	76	77	62	52	40	33	28	24	22	20	18	16	
SP-25	2 ¹ / ₁₆ -3	110	83	83	67	56	43	35	30	26	23	21	19	17	
SP-26	3 ¹ / ₁₆ -3½	—	98	98	72	61	46	38	32	28	25	23	20	18	
SP-27	3 ¹ / ₁₆ -4	—	102	102	82	69	53	43	36	32	28	25	23	20	
SP-28	4 ¹ / ₁₆ -4½	—	107	107	86	72	55	45	38	33	29	26	24	21	
SP-29	4 ¹ / ₁₆ -5	—	—	—	92	77	59	48	40	35	31	28	26	22	
SP-30	5 ¹ / ₁₆ -5½	—	—	—	106	89	68	55	46	40	35	32	29	25	
SP-31	5 ¹ / ₁₆ -6	—	—	—	—	98	75	61	51	44	39	35	32	27	

Bolt-On Shear Pin Sprockets



Shear Pin Sprocket Selection

1. The shear pin assembly required is determined by the shaft size. Select the smallest shear pin assembly which will accommodate the required bore. Table on page E-5 contains the bore ranges and minimum sprocket sizes which allow chain clearance over the shear pin assembly flange.
2. Using one of the following formulas, compute the torque load the pin must transmit and find the value in the torque rating table below to obtain the proper shear pin neck diameter.

$$T = \frac{HP \times 63,025 \times 1.5}{RPM} \quad \text{or} \quad T = \frac{D \times CP \times 1.5}{2}$$

or T = Output of reducer x speed ratio of chain drive x 1.5

Where: T = Torque in pound inches
 HP = Horsepower at Sprocket
 RPM = Sprocket Speed
 D = Pitch Diameter of Sprocket
 CP = Chain pull in pounds
 1.5 = Safety factor for starting load

Example:

1. Determine the shear pin assembly and pin neck diameter to transmit 20 horsepower at 67 RPM with a 45 tooth, No. 100 sprocket on a 2^{15/16}" shaft.

(1) Referring to Table I (page E-5), shear pin assembly SP-25 is required for a 2^{15/16}" bore. The 45 tooth sprocket is well above the minimum size.

(2) Torque and neck diameter:

$$T = \frac{HP \times 63,025 \times 1.5}{RPM}$$

$$T = \frac{20 \times 63,025 \times 1.5}{67} = 28,200 \text{ lb. in.}$$

Referring to Table II (page E-5) under SP-25, a pin necked to 3/8" shows a torque rating of 29,810 lb. in., which exceeds the 28,200 lb. in. required.

(3) Order: 100SP45, SP-25 assembly with 2^{15/16}" bore and 3/8" pin neck diameter.

Shear Pin Torque Ratings

Shear Pin Neck Diameter (inches)	TORQUE RATING — POUND INCHES															
	Shear Pin Hub Number															
	SP17	SP18	SP19	SP20	SP21	SP22	SP23	SP24	SP25	SP26	SP27	SP28	SP29	SP30	SP31	
1/32	728	875	1022	1204	1323	1556	1603									
1/16	1248	1500	1752	2064	2268	2616	2748									
3/32	1976	2375	2774	3268	3591	4142	4351	4750								
1/8	2808	3375	3942	4944	5103	5886	6183	6750	7317							
5/32	3848	4625	5402	6364	6993	8066	8473	9250	10027							
3/16	5200	6250	7300	8600	9450	10900	11450	12500	13550	15200	17300	18400				
7/32			9052	10664	11718	13516	14198	15500	16802	18848	21452	22816				
1/4			11096	13072	14364	16568	17403	19000	20596	23140	26296	27968	30932			
9/32				15824	17388	20056	21068	23000	24932	27968	31832	33856	37440			
5/16				18920	20790	23980	25190	27500	29810	33440	38060	40480	44770	51040		
11/32					24570	28340	29170	32500	35230	39520	44980	47840	52910	60320		
3/8					28350	32700	34350	37500	41650	45600	51900	55200	61050	69600		
13/32						37060	38930	42500	46070	51680	58820	62560	69190	78880		
7/16						42728	44884	49000	53116	59584	67816	72128	79772	90944		
15/32								55000	59620	66880	76120	80960	89540	102080		
1/2								62000	67280	75392	85808	91264	100936	115072		
9/16									73220	82080	93420	99360	109890	125280	136890	
5/8									82800	92720	105530	112240	124135	141520	154635	
11/16										103360	117640	126120	138380	157760	172380	
13/16										112480	128020	136160	150590	171680	187590	
3/4											138400	147200	162800	185600	202800	
25/32											152240	161920	179080	204160	223080	
11/8													195360	222720	243360	
23/32													211640	241280	263640	
3/4													227920	259840	283920	
27/32													244200	278400	304200	
15/8														296960	324480	
17/16														301600	329550	
19/16														338720	370110	
1														371200	405600	
1 1/16															446160	
1 1/8															507000	

Type D Sprockets — Stock Detachable Hubs

Type D sprockets consist of a Type A plate sprocket bolted to a detachable hub. A solid or split plate sprocket may be assembled to a solid or split hub. When ordering a Type D sprocket, be sure to select a plate sprocket large enough to allow chain clearance over the hub flange diameter, dimension D.

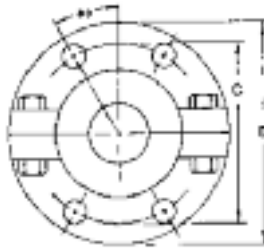
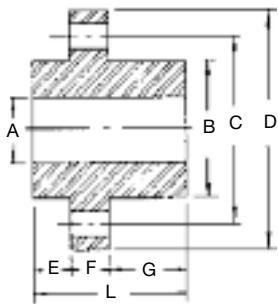
Bolt holes of Type D hubs are drilled for interchangeability. Speed ratios may be changed simply by removing the plate sprocket and substituting another with a different number of teeth. When worn, the sprocket may be reversed to use the unworn tooth surfaces, increasing the life of the sprocket.

Split Hubs-Cast Iron — Dimensions (Inches)

Hub Number	Bore Range A		Hub Diameter B	Bolt Circle C	Flange Diameter D	Bolt Holes		E	F	L	Wt. Lbs.
	Stock	*Maximum				Number	Bolt Size				
102S	1 ¹ / ₁₆	1 ¹ / ₂	3	4	5	4	7 ¹ / ₁₆	1 ¹ / ₂	1 ¹ / ₂	3 ¹ / ₂	7.7
103S	1 ¹ / ₁₆	2 ¹ / ₄	4	5 ¹ / ₁₆	6	4	1/2	2	1 ¹ / ₂	3 ¹ / ₂	14.5
104S	2 ¹ / ₁₆	2 ¹ / ₂	4 ¹ / ₂	5 ¹ / ₂	7	4	3/8	2 ¹ / ₄	1 ¹ / ₂	4	18.3
105S	2 ¹ / ₁₆	2 ³ / ₄	5	6 ¹ / ₄	7 ¹ / ₂	4	3/8	2 ¹ / ₄	1 ¹ / ₂	4 ¹ / ₂	23.6
106S	2 ¹ / ₁₆	3 ¹ / ₄	5 ¹ / ₂	7	8 ¹ / ₂	4	3/8	2 ¹ / ₂	2	4 ¹ / ₂	28.2
107S	3 ¹ / ₁₆	3 ¹ / ₂	6	7 ¹ / ₂	9	4	3/8	3	1 ¹ / ₂	4 ¹ / ₂	37.4
108S	3 ¹ / ₁₆	4	7	8 ¹ / ₂	10 ¹ / ₂	4	3/4	3 ³ / ₈	1 ¹ / ₂	5 ¹ / ₂	55.1
109S	4 ¹ / ₁₆	6	10 ¹ / ₂	13	15 ¹ / ₂	4	1	4 ¹ / ₂	1 ¹ / ₂	5 ¹ / ₂	155.0

*Maximum bores shown are maximum bores with standard keyseat and setscrew.

To obtain the price of a complete Type D sprocket, add the list price of hub, plus alteration charges and the list price of the desired Type A plate sprocket, including rebore, bolt hole drilling, and splitting charge if desired. These hubs may also be used with Accu-Torch Sprockets.



Alteration Charges

See current discount sheet for alteration charges.

Solid Hubs-Steel — Dimensions (Inches)

Hub Number	Bore Range A		Hub Diameter B	Bolt Circle C	Flange Diameter D	Bolt Holes		E	F	G	L	Wt. Lbs.
	Stock	*Maximum				Number	Bolt Size					
101	3/8	1 ¹ / ₂	2 ¹ / ₂	3 ³ / ₈	4 ¹ / ₂	6	3/8	1/2	3/8	1 ¹ / ₂	2	3.4
102	1 ¹ / ₁₆	2	3	4	5	6	7 ¹ / ₁₆	1/2	1/2	1 ¹ / ₂	2 ¹ / ₂	5.4
103	1 ¹ / ₁₆	2 ¹ / ₂	4	5 ¹ / ₁₆	6	6	1/2	1/2	3/8	1 ¹ / ₂	2 ¹ / ₂	10.2
104	2 ¹ / ₁₆	3	4 ¹ / ₂	5 ¹ / ₂	7	6	3/8	1/2	3/8	2	3 ¹ / ₄	14.2
105	2 ¹ / ₁₆	3 ¹ / ₄	5	6 ¹ / ₄	7 ¹ / ₂	6	3/8	3/8	1 ¹ / ₁₆	2 ¹ / ₂	4	22.2
106	2 ¹ / ₁₆	3 ¹ / ₄	5 ¹ / ₂	7	8 ¹ / ₂	6	3/8	3/8	1	2 ¹ / ₂	4	28.4
107	3 ¹ / ₁₆	4	6	7 ¹ / ₂	9	6	3/8	3/8	1 ¹ / ₂	2 ¹ / ₂	4 ¹ / ₂	34.7
108	3 ¹ / ₁₆	4 ¹ / ₂	7	8 ¹ / ₂	10 ¹ / ₂	6	3/8	3/8	1 ¹ / ₂	2 ¹ / ₂	4 ¹ / ₂	52.4
109	4 ¹ / ₁₆	7	10 ¹ / ₂	13	15 ¹ / ₂	6	1	3/8	1 ¹ / ₂	2 ¹ / ₂	5	143.0

*Maximum bores shown are maximum bores with standard keyseat and setscrew.

All Steel Instant Split[®] Sprocket



Manufactured from stock plate sprockets, *Martin's* Instant Split-Sprocket offers unlimited design and is simply installed with a hand wrench . . . greatly reducing costly downtime.



Single-Style B and C — Steel-Instant Split-Sprocket

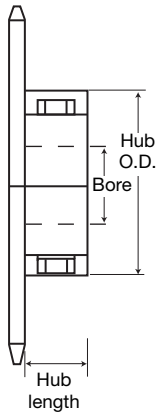
Hub Number	Bore	Hub O.D.	Hub* Length	Bolts	Wt. Lbs.
S-1	3/4"-1 1/2"	3 3/8"	1"	3/8" x 2 1/4"	1.8
S-2	1 3/8"-2 1/4"	4 5/8"	1 1/4"	1/2" x 3"	4.1
S-3	2"-3"	6"	1 3/8"	5/8" x 4 1/2"	8.4
S-4	2 3/4"-4"	7 5/8"	1 1/2"	3/4" x 5 1/2"	14.4
S-5	3 3/4"-5"	9 1/4"	2"	1" x 6"	27.8
S-6	4 3/4"-6"	10 1/4"	2 1/4"	1" x 6"	35.4
S-7	5 3/4"-7"	12 1/2"	2 1/2"	1" x 7"	64.4
S-8	6 3/4"-8"	14 1/2"	3"	1" x 8"	98.5

*Add hub length to plate thickness to determine length thru bore.

For style C, add hub length x 2.

SPROCKETS

TOTAL LIST PRICE OF *Martin* SPLIT-SPROCKET IS SIMPLY THE HUB PRICE PLUS THE PLATE PRICE.

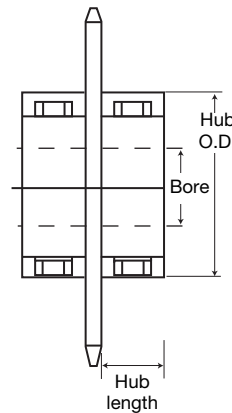


PRICING EXAMPLE STYLE B

**120B45 Split with S-3 Hub,
2 15/16" Bore, KW & SS**

**S-3 Hub
120A45 Plate**

SEE HUB LIST
+ SEE PLATE LIST
TOTAL LIST PRICE



PRICING EXAMPLE STYLE C

**120C45 Split with S-3 Hubs,
2 15/16" Bore, KW & SS**

**Two S-3 Hubs
120A45 Plate**

SEE HUB LIST
+ SEE PLATE LIST
TOTAL LIST PRICE

Instant Split Hubs are for use with plate sprockets only. For multiple strand split sprockets, consult *Martin*.

Sprocket Size For Instant Split Hubs

Split Hub No.	Bore	Minimum Number of Teeth for Single Sprockets										
		Chain Number										
		40	50	60	80	100	120	140	160	180	200	240
S-1	3/4"-1 1/2"	28	23	20	16	—	—	—	—	—	—	—
S-2	1 3/8"-2 1/4"	38	30	26	20	17	15	14	—	—	—	—
S-3	2"-3"	46	37	32	25	20	18	16	15	14	—	—
S-4	2 3/4"-4"	—	48	40	30	25	21	19	17	16	15	12
S-5	3 3/4"-5"	—	—	—	—	30	25	22	20	18	17	14
S-6	4 3/4"-6"	—	—	—	—	32	27	24	22	19	18	15
S-7	5 3/4"-7"	—	—	—	—	—	32	28	25	22	21	18
S-8	6 3/4"-8"	—	—	—	—	—	—	—	28	25	23	20

Martin TORQUE-LIMITER clutch offers thrifty overload protection that's easy to adjust.



Here is low cost protection for your machinery . . . a torque limiting clutch that is easy to install.

Torque-Limiter clutches feature an exclusive "Easy-Set Adjustment." With "Easy-Set," torque adjustment is accomplished quickly! The need for hammer and block, brute strength, and spanner wrenches is eliminated.

These simple steps and the job is done:

1. Snug up the adjusting nut, finger tight, locate set screw over nearest spline notch, and tighten. See table at right.
2. Tighten three cap screws until heads bottom — with a small wrench; this gives maximum torque.
3. For less torque — back off the cap screws, loosen the set screw, back off adjusting nut to one of the six spline notches as required, and retighten set screw and cap screws.

"Easy-Set Adjustment" not only simplifies installation, it provides solid support for pressure plates by compression at their peripheries.

The Torque-Limiter clutch gives machinery permanent protection against overloads during starting, reversing, or driving — by slipping at any desired load. It resumes driving without resetting when the overload is relieved. It is simple in design, compact, efficient, and built for long life. It provides low cost torque limiting service for a wide variety of applications. No lubrication . . . minimum maintenance.

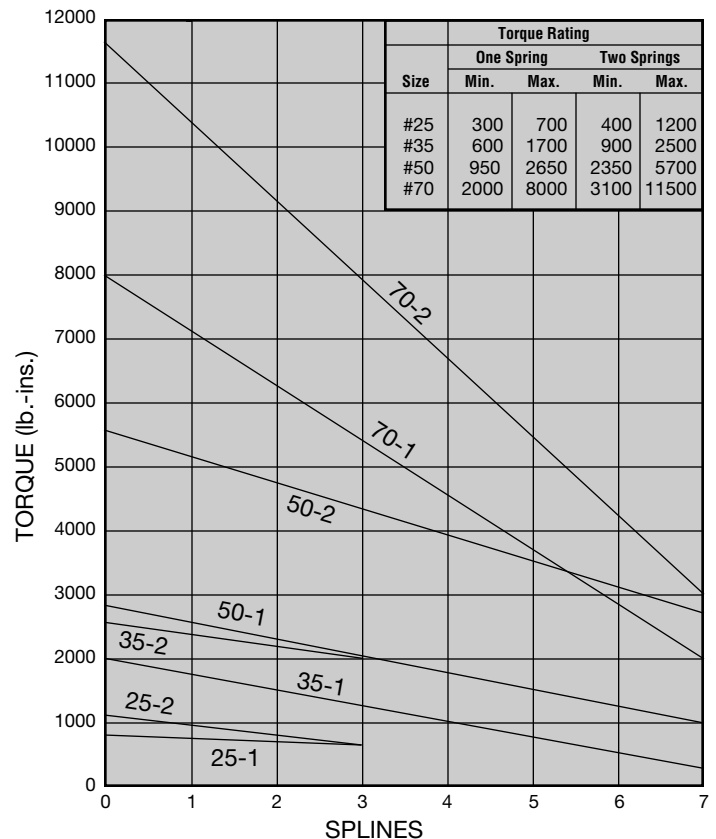
Starting shock from electric motors is a major cause of maintenance of moving parts. Torque-Limiter clutches provide a cushion by slipping until the torque drops to a pre-set level. They can be set to reduce shock loads on motors and driven equipment during reversing or inching. They provide mechanical protection against breakage due to sudden overload — by slipping when the pre-set torque limit is reached.

Torque-Limiter clutches may be used with a sprocket, gear, sheave, flange, or other driven member. It is recommended that the rubbing sides of the driven member be ground to provide a smooth rubbing surface of 63 to 125 micro-inches. See torque rating table on following page.

The driven member is mounted on an oil-impregnated bushing and clamped between two, high quality friction discs by spring pressure. Each Torque-Limiter unit, completely assembled, contains one spring. Higher torque ratings can be obtained by the use of a second spring nested within the original spring. See rating table on following page.

When an overload occurs, the driven member slips between long-life, clutch-type friction discs. After slipping has started, it will continue at approximately 90% of the torque setting, due to the lower coefficient of friction when slipping, until the overload condition has been corrected.

TORQUE-LIMITER CLUTCH CALIBRATION



Note:

Graph indicates approximate rated torque vs number of splines adjusting nut is backed off from finger tight.

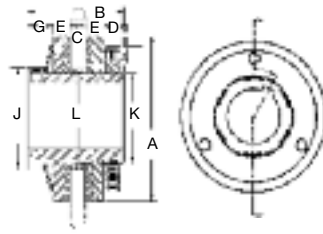
Torque-Limiter Clutches



TORQUE-LIMITER CLUTCHES



Each assembled unit contains one spring. Higher ratings can be obtained by ordering a second spring to nest in the original one. Bushings need to be ordered separately, if required.



The rubbing sides of the center member should be ground parallel — 63 to 125 micro-inches.

Stock Plate Sprockets with Ground Face and Bored to Fit the *Martin* Torque Limiter

UNIT TT25

Sprocket Size
35TTA25-25
35TTA26-25
40TTA20-25
40TTA22-25
40TTA24-25
40TTA28-25
40TTA30-25
50TTA28-25
50TTA24-35
50TTA17-25
50TTA21-25
50TTA22-25

UNIT TT35

Sprocket Size
35TTA35-35
35TTA40-35
40TTA28-35
40TTA30-35
40TTA32-35
50TTA28-35
50TTA24-35
50TTA25-35
50TTA26-35
60TTA18-35
60TTA20-35

Torque-Limiter Clutch Ratings

Size No.	Avg. Wt.	Torque Rating ▲ (Pound-Inches)				C		D	E	G	H	J	K +.000 - .002 Spline O. D.	L +.003 -.000 Spkt. Bore	
		With One Spring		With Two Springs**		Min.	Max.								
		Min.	Max.	Min.	Max.										
TT25	1	300	700	400	1200	2½	1¼	¼	½	⅝	⅜	1½	1.368	1.631/1.628	
TT35	2.5	600	1700	900	2500	3½	2⅝	¼	¾	⅝	⅝	3⅝	1⅝	1.675	2.006/2.003
TT50	6	950	2650	2350	5700	5	2⅝	¼	¾	⅝	⅝	4⅝	2⅝	2.625	3.008/3.005
TT70	18	2100	8000	3100	11500	7	3⅝	¼	1½	⅝	⅝	6	4	3.811	4.197/4.194

▲ Using a center member with rubbing sides ground parallel — 63 to 125 micro-inches. Center member must be clean and free from oil, rust, etc.

** Second spring may be nested in one originally furnished. Order if required.

◆ Nominal for maximum torque setting. For minimum torque setting, add ⅜" for No. 25; ⅝" for No. 35; ¾" for Nos. 50 and 70. When two springs are used this dimension is increased approximately ⅛" on Nos. 25, 35 and 50 — ⅜" on No. 70.

UNIT TT50

Sprocket Size
40TTA35-50
50TTA30-50
50TTA32-50
60TTA25-50
60TTA26-50
60TTA28-50
60TTA30-50
80TTA20-50
80TTA22-50
80TTA24-50

UNIT TT70

Sprocket Size
60TTA36-70
80TTA26-70
80TTA28-70
80TTA30-70
80TTA36-70
100TTA22-70
100TTA24-70

Stock Bores — Torque Limiters (No KW 1-SS†)

Size No.	Stock Bore	Max. Bore	
		Std. KW*	Shallow KW*
TT25	½	¾	1
TT35	¾	1⅝	1¾
TT50	1	1¾	2
TT70	1½	2¾	3

† Additional SS See List Price Alterations

* KW To Be Cut Central w/Threaded Spline

Standard Keyways

Torque-Limiter Bore	Keyway	Torque-Limiter Bore	Keyway
½-¾	⅜ x ⅜	1⅝-1¾	¾ x ¾
¾-1	⅝ x ⅝	1⅝-2¼	⅝ x ⅝
1⅝-1¾	¾ x ¾	2⅝-2¾	¾ x ¾
1⅝-1¾	¾ x ⅝	2⅝-3	¾ x ¾

Bored to Size Torque Limiters w/Std. KW & 1-SS†

Size No.	Finished Bores												
	½	¾	¾	¾	1	1	1¼	1½	1¾	1¾	1¾	2	
TT25													
TT35					1								
TT50					1	1¼	1½	1¾	1¾	1¾			
TT70									1⅝	1¾		1¾	1⅝

† KW Same as Std. Listed in Tables Above. Additional S.S. See List Price

Unit Size	Min. Allowable Sprocket Teeth and Length of Bushing Req'd for Chain Number											
	Sprocket Pitch	35	41	40	50	60	80	100	120	140	160	
TT25	Min. Teeth	STK. ★	25	19	19	16	..	..	..	..	..
		MTO ●	25	19	19	16	..	..	..	..	..
	Bush. Lght. Req'd.		½	½	¼	¼	..	..	..	..	..
TT35	Min. Teeth	STK. ★	35	25	26	21	18	15	..	..	..
		MTO ●	33	25	26	21	18	15	..	..	..
	Bush. Lght. Req'd.		½	½	¼	¼	¾	¾	..	..	..
TT50	Min. Teeth	STK. ★	48	35	35	29	25	19	..	..	..
		MTO ●	46	35	35	29	25	19	..	..	..
	Bush. Lght. Req'd.		½	½	¼	¼	¾	¾	..	..	..
TT70	Min. Teeth	STK. ★	48	38	33	26	21	18	16	14
		MTO ●	48	38	33	26	21	18	16	14
	Bush. Lght. Req'd.		¼	¼	¾	¾	½	¾	¾	1◆

★ Min. number of teeth on sprocket stocked by *Martin* which can be used w/Torque-Limiter clutch.

● Min. number of teeth on made-to-order sprocket which will permit chain to clear friction disc.

* Use one ⅝" long bushing and one ¼" long.

◆ Use two ½" long bushings.

SPARE PARTS

TT25 TT50 TT35 TT70	QTY. REQ.*
PRESSURE PLATE	2
FRICTION DISC	2
ADJ. NUT ASSY. & S.S.	1
ADJ. TENSION NUT	3
HUB	1

* PER UNIT



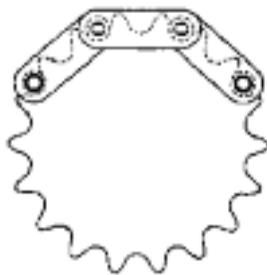


**Standard Roller
Double Duty**



**Carrier
Roller**

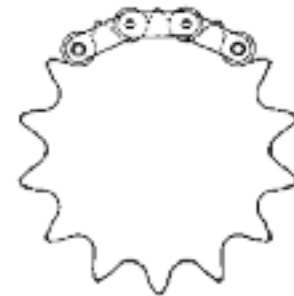
Double-Pitch Sprockets



Standard Rollers



**Double Pitch
Single Duty
Made-To-Order**



Carrier Rollers

Series C-2000 chains have rollers of the same diameters and widths as American Standard Roller Chains of one half the conveyor chain pitch. Engaged by every other tooth, double duty sprockets have two teeth per chain pitch. During each revolution only half the teeth function effectively. Sprockets with odd numbers of teeth will allow any given tooth to engage only on every other revolution, automatically increasing sprocket life. Double duty sprockets with even number of teeth may be manually advanced one tooth periodically to increase sprocket life. *Martin* Stock C-2000 series sprockets are furnished double duty only.

Sprockets for the C-2002 series chain with carrier rollers are cut with space cutters or standard hobs for the American Standard roller Chain of the same diameter. Each sprocket tooth meshes with these chains. Double-duty sprockets cannot be made for double pitch chain with Carrier Rollers.

NOTE: For drives of 31 teeth or more we recommend using Standard sprockets with series C-2000 chains.

All altered double pitch sprockets requiring a keyway will be furnished with keyway on center line of tooth, unless otherwise specified.

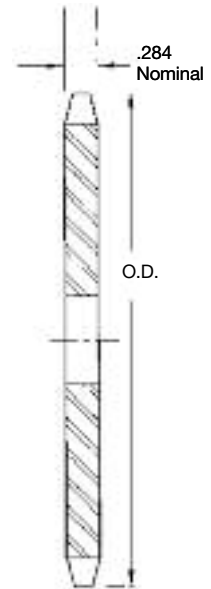
Double Pitch All Steel Stock Sprockets

1-Inch Double-Pitch

Conveyor or Drive Series — Standard Roller Double Pitch — 2040/C2040

No. Teeth Actual	Eff. No. Teeth	Outside Diameter	Pitch Diameter	Catalog Number	Type	Bore		Hub		Wt. Lbs. (Approx.)
						Stock	Rec. Max.	Diameter	Length Thru	
11	5.5	2.000	1.852	2040B11	B	1/2	1/16	1 1/8*	3/8	.34
12	6	2.170	2.000	2040B12	B	1/2	1/16	1 1/8*	3/8	.44
13	6.5	2.330	2.152	2040B13	B	1/2	3/32	1 1/8*	3/8	.48
14	7	2.490	2.305	2040B14	B	1/2	1 1/2	1 1/8*	3/8	.60
15	7.5	2.650	2.458	2040B15	B	5/8	1 1/2	1 3/8	3/8	.66
16	8	2.810	2.613	2040B16	B	5/8	1 1/2	1 7/8	3/8	.76
17	8.5	2.980	2.768	2040B17	B	5/8	1 1/2	2 1/4	1	1.00
18	9	3.140	2.924	2040B18	B	5/8	1 3/2	2 1/2	1	1.16
19	9.5	3.300	3.080	2040B19	B	5/8	1 1/2	2 1/2	1	1.36
20	10	3.460	3.236	2040B20	B	5/8	1 1/2	2 3/4	1	1.54
21	10.5	3.620	3.392	2040B21	B	5/8	1 3/2	2 3/4	1	1.74
22	11	3.780	3.549	2040B22	B	5/8	1 1/2	2 1/2	1	1.92
23	11.5	3.940	3.706	2040B23	B	5/8	2	3	1	2.16
24	12	4.100	3.864	2040B24	B	5/8	2 1/4	3 1/4	1	2.44
25	12.5	4.260	4.021	2040B25	B	5/8	2 1/4	3 1/4	1	2.48
26	13	4.420	4.179	2040B26	B	5/8	2 1/4	3 1/4	1	2.60
28	14	4.740	4.494	2040B28	B	5/8	2 1/4	3 1/4	1	2.74
30	15	5.060	4.810	2040B30	B	5/8	2 1/4	3 1/4	1	2.92

* Has recessed groove in hub for chain clearance.



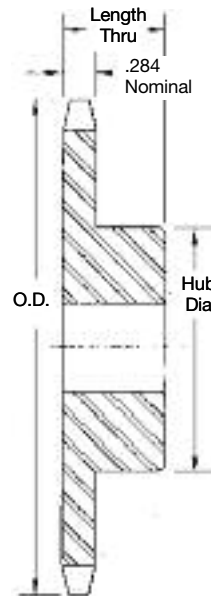
TYPE A

Conveyor Series — Carrier Roller Double Pitch — 2042/C2042

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

* Has recessed groove in hub for chain clearance.

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

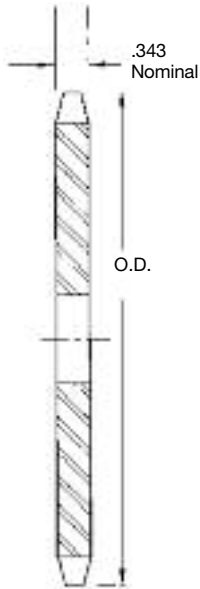


TYPE B

SPROCKETS

1¼-Inch Double-Pitch

Conveyor or Drive Series — Standard Roller Double Pitch — 2050/C2050



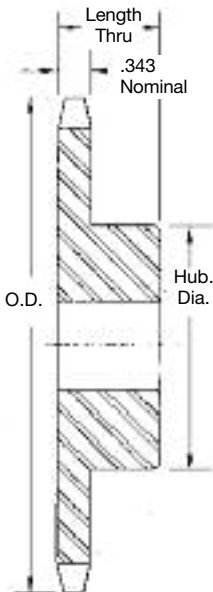
TYPE A

No. Teeth	Eff. No. Teeth	Outside Diameter	Pitch Diameter	Catalog Number	Type	Bore		Hub		Wt. Lbs. (Approx.)	Type	Catalog Number	Stock Bore	Wt. Lbs. (Approx.)
						Stock	Rec. Max.	Dia.	Length Thru					
11	5.5	2.500	2.315	2050B11	B	5/8	13/16	1 1/4*	1	.62				
12	6	2.710	2.500	2050B12	B	5/8	1	1 5/8	1	.80				
13	6.5	2.910	2.690	2050B13	B	5/8	1 1/32	1 7/8	1	.82				
14	7	3.110	2.881	2050B14	B	5/8	1 1/8	1 15/16	1	1.00				
15	7.5	3.320	3.073	2050B15	B	5/8	1 1/8	2 1/8	1	1.22				
16	8	3.520	3.266	2050B16	B	5/8	1 1/8	2 3/8	1	1.44				
17	8.5	3.720	3.460	2050B17	B	5/8	1 1/8	2 1/2	1	1.68				
18	9	3.920	3.655	2050B18	B	5/8	1 1/8	2 5/8	1	1.94				
19	9.5	4.120	3.850	2050B19	B	5/8	1 1/8	2 3/4	1	2.24				
20	10	4.320	4.045	2050B20	B	5/8	2	3	1	2.30				
21	10.5	4.520	4.241	2050B21	B	5/8	2	3	1	2.40				
22	11	4.720	4.437	2050B22	B	5/8	2	3	1	2.54				
23	11.5	4.920	4.633	2050B23	B	5/8	2	3	1	2.66				
24	12	5.120	4.830	2050B24	B	5/8	2	3	1 1/4	3.30	A	2050A24	3/32	1.58
25	12.5	5.320	5.026	2050B25	B	5/8	2	3	1 1/4	3.42	A	2050A25	3/32	1.68
26	13	5.520	5.223	2050B26	B	5/8	2	3	1 1/4	3.62	A	2050A26	3/32	1.88
28	14	5.920	5.617	2050B28	B	5/8	2	3	1 1/4	3.78	A	2050A28	3/32	2.22
30	15	6.320	6.012	2050B30	B	5/8	2 1/4	3 1/4	1 1/4	4.58	A	2050A30	3/32	2.54

* Has recessed groove in hub for chain clearance.

SPROCKETS

Conveyor Series — Carrier Roller Double Pitch — 2052/C2052



TYPE B

No. Teeth	Outside Diameter	Pitch Diameter	Catalog Number	Type	Bore		Hub		Wt. Lbs. (Approx.)	Type	Catalog Number	Stock Bore	Wt. Lbs. (Approx.)
					Stock	Rec. Max.	Dia.	Length Thru					
8	3.770	3.266	2052B8	B	5/8	1 1/32	2 3/8	1	1.38				
9	4.190	3.655	2052B9	B	5/8	1 1/32	2 5/8	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	5/8	2	3	1 1/4	3.20	A	2052A12	3/32	1.58
13	5.820	5.223	2052B13	B	5/8	2	3	1 1/4	3.48	A	2052A13	3/32	1.82
14	6.230	5.617	2052B14	B	5/8	2	3	1 1/4	3.88	A	2052A14	3/32	2.28
15	6.630	6.012	2052B15	B	5/8	2 1/4	3 1/4	1 1/4	4.46	A	2052A15	3/32	2.46
16	7.030	6.407	2052B16	B	5/8	2 1/4	3 1/4	1 1/4	4.80	A	2052A16	3/32	2.88
17	7.440	6.803	2052B17	B	5/8	2 1/4	3 1/4	1 1/4	5.34	A	2052A17	3/32	3.28
18	7.840	7.198	2052B18	B	5/8	2 1/4	3 1/4	1 1/4	5.64	A	2052A18	3/32	3.64
19	8.240	7.595	2052B19	B	5/8	2 1/4	3 1/4	1 1/4	6.04	A	2052A19	3/32	4.12
20	8.640	7.991	2052B20	B	5/8	2 1/4	3 1/4	1 1/4	6.48	A	2052A20	3/32	4.72
21	9.040	8.387	2052B21	B	5/8	2 1/4	3 1/4	1 1/4	7.00	A	2052A21	3/32	5.08
22	9.440	8.783	2052B22	B	5/8	2 1/4	3 1/4	1 1/4	7.30	A	2052A22	3/32	5.20
23	9.850	9.180	2052B23	B	1	2 3/4	3 3/4	1 1/4	8.66	A	2052A23	1/16	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	1/16	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	1/16	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	1/16	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	1/16	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	1/16	9.92

* Has recessed groove in hub for chain clearance.

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

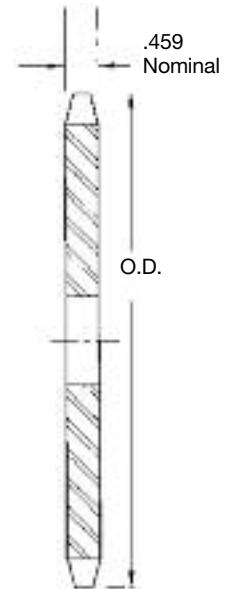
Double Pitch All Steel Stock Sprockets

1½-Inch Double-Pitch

Conveyor Series — Standard Roller Double Pitch — 2060/C2060

No. Teeth	Eff. No. Teeth	Outside Diameter	Pitch Diameter	Catalog Number	Type	Bore		Hub		Wt. Lbs. (Approx.)	Type	Catalog Number	Stock Bore	Wt. Lbs. (Approx.)
						Stock	Rec. Max.	Dia.	Length Thru					
11	5.5	3.000	2.773	2060B11	B	3/8	1	2 1/16*	1 1/4	1.14				
12	6	3.250	3.000	2060B12	B	3/8	1 1/4	2 3/8*	1 1/4	1.46				
13	6.5	3.490	3.228	2060B13	B	3/8	1 1/8	2 3/4	1 1/4	1.52				
14	7	3.740	3.457	2060B14	B	3/8	1 1/8	2 3/4	1 1/4	1.86				
15	7.5	3.980	3.688	2060B15	B	3/8	1 1/2	2 7/8	1 1/4	2.24				
16	8	4.220	3.920	2060B16	B	3/8	1 1/2	2 7/8	1 1/4	2.64				
17	8.5	4.460	4.152	2060B17	B	3/8	2 3/8	3 1/2	1 1/4	3.08				
18	9	4.700	4.386	2060B18	B	3/8	2 3/8	3 1/2	1 1/4	3.56				
19	9.5	4.940	4.620	2060B19	B	3/8	2 1/2	3 1/2	1 1/4	3.94				
20	10	5.190	4.854	2060B20	B	3/8	2 1/8	3 1/4	1 1/4	4.50				
21	10.5	5.430	5.089	2060B21	B	3/8	2 3/4	4	1 1/4	5.02				
22	11	5.670	5.324	2060B22	B	3/8	2 3/4	4	1 1/4	5.26				
23	11.5	5.910	5.560	2060B23	B	3/8	2 3/4	4	1 1/4	5.54	A	2060A24	2 3/8	3.02
24	12	6.150	5.796	2060B24	B	3/8	2 3/4	4	1 1/4	5.90	A	2060A25	2 3/8	3.36
25	12.5	6.390	6.032	2060B25	B	3/8	2 3/4	4	1 1/4	6.08	A	2060A26	2 3/8	3.58
26	13	6.630	6.268	2060B26	B	3/8	2 3/4	4	1 1/4	6.36	A	2060A26	2 3/8	3.58
28	14	7.110	6.741	2060B28	B	3/8	2 3/4	4	1 1/4	7.02	A	2060A28	2 3/8	4.12
30	15	7.590	7.215	2060B30	B	3/8	2 3/4	4	1 1/4	7.54	A	2060A30	2 3/8	4.88

★ Has recessed groove in hub for chain clearance.



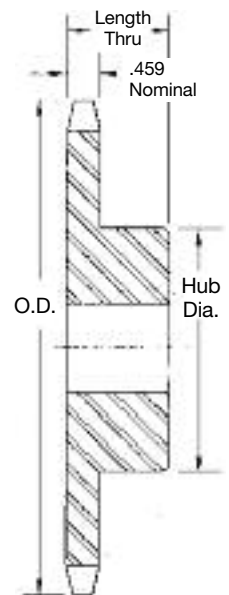
TYPE A

Conveyor Series — Carrier Roller Double Pitch — 2062/C2062

No. Teeth	Outside Diameter	Pitch Diameter	Catalog Number	Type	Bore		Hub		Wt. Lbs. (Approx.)	Type	Catalog Number	Stock Bore	Wt. Lbs. (Approx.)
					Stock	Rec. Max.	Dia.	Length Thru					
8	4.520	3.920	2062B8	B	3/8	1 7/8	2 7/8	1 1/4	2.60				
9	5.020	4.386	2062B9	B	3/8	2 3/8	3 1/8	1 1/4	3.48				
10	5.520	4.854	2062B10	B	3/8	2 3/8	3 3/4	1 1/4	4.54				
11	6.010	5.324	2062B11	B	3/8	2 3/4	4	1 1/4	5.20				
12	6.500	5.796	2062B12	B	3/8	2 3/4	4	1 1/4	5.70	A	2062A12	2 3/8	2.98
13	6.990	6.268	2062B13	B	3/8	2 3/4	4	1 1/4	6.28	A	2062A13	2 3/8	3.60
14	7.470	6.741	2062B14	B	3/8	2 3/4	4	1 1/4	6.82	A	2062A14	2 3/8	4.02
15	7.960	7.215	2062B15	B	3/8	2 3/4	4	1 1/4	7.48	A	2062A15	2 3/8	4.76
16	8.440	7.689	2062B16	B	3/8	2 3/4	4	1 1/4	8.18	A	2062A16	2 3/8	5.70
17	8.920	8.163	2062B17	B	1	2 3/4	4	1 1/4	8.82	A	2062A17	1 5/8	6.16
18	9.410	8.638	2062B18	B	1	2 3/4	4	1 1/4	9.36	A	2062A18	1 5/8	6.96
19	9.890	9.113	2062B19	B	1	2 3/4	4 1/4	1 1/4	11.10	A	2062A19	1 5/8	8.00
20	10.370	9.589	2062B20	B	1 5/8	2 3/4	4 1/4	1 1/4	11.66	A	2062A20	1 5/8	8.46
21	10.850	10.064	2062B21	B	1 5/8	2 3/4	4 1/4	1 1/4	13.24	A	2062A21	1 5/8	8.93
22	11.330	10.540	2062B22	B	1 5/8	2 3/4	4 1/4	1 1/4	13.78	A	2062A22	1 5/8	10.74
23	11.810	11.016	2062B23	B	1 5/8	2 3/4	4 1/4	1 1/4	14.90	A	2062A23	1 5/8	11.64
24	12.290	11.492	2062B24	B	1 5/8	2 3/4	4 1/4	1 1/4	15.66	A	2062A24	1 5/8	12.64
25	12.770	11.968	2062B25	B	1 5/8	2 3/4	4 1/4	1 1/4	16.80	A	2062A25	1 5/8	13.78
26	13.250	12.444	2062B26	B	1 5/8	2 3/4	4 1/4	1 1/4	20.20	A	2062A26	1 5/8	15.00
28	14.210	13.397	2062B28	B	1 1/4	2 3/4	4 1/4	1 1/4	21.86	A	2062A28	1 1/4	17.32
30	15.170	14.350	2062B30	B	1 1/4	2 3/4	4 1/4	1 1/4	26.00	A	2062A30	1 1/4	19.50

★ Has recessed groove in hub for chain clearance.

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

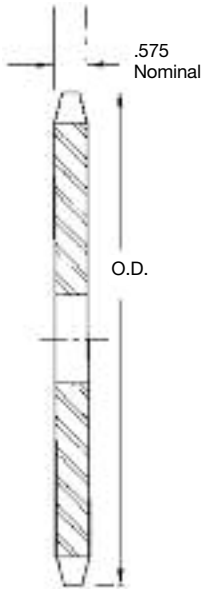


TYPE B

SPROCKETS

2-Inch Double-Pitch

Conveyor or Drive Series — Standard Roller Double Pitch — 2080/C2080



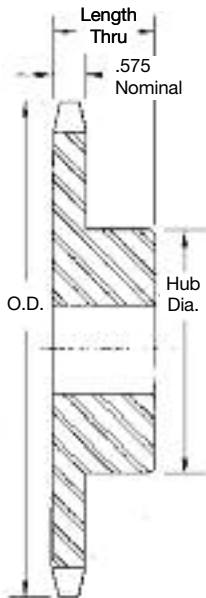
TYPE A

No. Teeth	Eff. No. Teeth	Outside Diameter	Pitch Diameter	Catalog Number	Type	Bore		Hub		Wt. Lbs. (Approx.)	Type	Catalog Number	Stock Bore	Wt. Lbs. (Approx.)
						Actual	Rec. Max.	Dia.	Length Thru					
11	5.5	4.010	3.694	2080B11	B	1	1 1/2	2 1/16*	1 1/2	2.5				
12	6	4.330	4.000	2080B12	B	1	1 1/16	3 1/8*	1 1/2	3.2				
13	6.5	4.660	4.304	2080B13	B	1	1 3/16	2 3/8	1 1/2	3.3				
14	7	4.980	4.610	2080B14	B	1	2 1/8	3 1/8	1 1/2	4.0				
15	7.5	5.300	4.917	2080B15	B	1	2 1/2	3 3/8	1 1/2	4.8				
16	8	5.630	5.226	2080B16	B	1	2 1/2	3 3/8	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	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	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 1/2	9.4	A	2080A21	1 5/16	5.3
22	11	7.560	7.099	2080B22	B	1	2 3/4	4 1/4	1 1/2	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 1/2	10.5	A	2080A23	1 5/16	6.4
24	12	8.200	7.727	2080B24	B	1	2 3/4	4 1/4	1 1/2	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 1/2	12.0	A	2080A25	1 5/16	7.5
26	13	8.840	8.357	2080B26	B	1 1/4	3 1/4	4 1/4	2	14.8	A	2080A26	1 3/8	8.3
28	14	9.480	8.988	2080B28	B	1 1/8	3 3/4	4 3/4	2	16.6	A	2080A28	1 1/8	9.2
30	15	10.110	9.620	2080B30	B	1 1/8	3 3/4	4 3/4	2	17.8	A	2080A30	1 1/8	10.7

* Has recessed groove in hub for chain clearance.

SPROCKETS

Conveyor Series — Carrier Roller Double Pitch — 2082/C2082



TYPE B

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

* Has recessed groove in hub for chain clearance.

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

No. 25

1/4" Pitch

All Steel Stock Sprockets



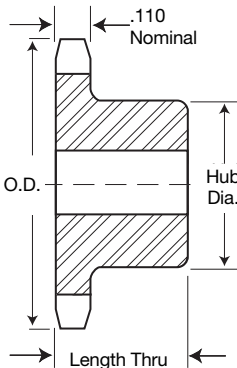
Single-Type B

Single-Type A

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

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

SPROCKETS



TYPE B



Alteration Charges

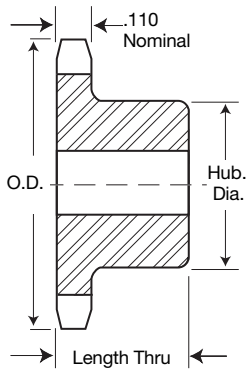
See current discount sheet for alteration charges.

Single-Type B — Stainless

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

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

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



TYPE B



STAINLESS STEEL

Alteration Charges

See current discount sheet for alteration charges.

No. 35

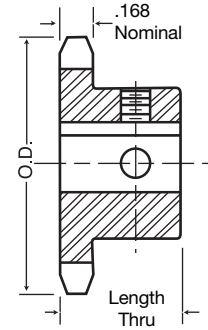
3/8" Pitch

All Steel Stock Sprockets



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

No. Teeth	Catalog Number	Outside Diameter	Length Thru Bore	Weight Lbs. (Approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	35BS9	1.260	3/8	.10	*3/8
10	35BS10	1.380	3/8	.11	*3/8 - *1/2 - † 5/8 - † 3/4
11	35BS11	1.500	3/8	.15	*3/8 - *1/2 - † 5/8 - † 3/4
12	35BS12	1.630	3/8	.18	- *1/2 - 5/8 - † 3/4
13	35BS13	1.750	3/8	.20	- *1/2 - 5/8 - 3/4
14	35BS14	1.870	3/8	.22	- *1/2 - 5/8 - 3/4
15	35BS15	1.990	3/8	.24	- *1/2 - 5/8 - 3/4 - 7/8 - 1
16	35BS16	2.110	3/8	.29	- *1/2 - 5/8 - 3/4 - 7/8 - 1
17	35BS17	2.230	3/8	.36	- *1/2 - 5/8 - 3/4 - 7/8 - 1
18	35BS18	2.350	3/8	.39	- *1/2 - 5/8 - 3/4 - 7/8 - 1
19	35BS19	2.470	3/8	.44	- *1/2 - 5/8 - 3/4 - 7/8 - 1
20	35BS20	2.590	3/8	.51	- *1/2 - 5/8 - 3/4 - 7/8 - 1
21	35BS21	2.710	3/8	.75	- *1/2 - 5/8 - 3/4 - 7/8 - 1
22	35BS22	2.830	7/8	.78	- *1/2 - 5/8 - 3/4 - 7/8 - 1
23	35BS23	2.950	7/8	.78	- *1/2 - 5/8 - 3/4 - 7/8 - 1
24	35BS24	3.070	7/8	.79	- *1/2 - 5/8 - 3/4 - 7/8 - 1
25	35BS25	3.190	7/8	.80	- *1/2 - 5/8 - 3/4 - 7/8 - 1
26	35BS26	3.310	7/8	.84	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
27	35BS27	3.430	7/8	.88	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
28	35BS28	3.550	7/8	.86	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
30	35BS30	3.790	7/8	.96	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
32	35BS32	4.030	7/8	1.14	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
35	35BS35	4.390	1	1.38	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
36	35BS36	4.510	1	1.41	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
40	35BS40	4.990	1	1.56	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
42	35BS42	5.230	1	1.64	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
45	35BS45	5.590	1	1.74	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
48	35BS48	5.950	1	1.86	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
54	35BS54	6.660	1	1.98	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
60	35BS60	7.380	1	2.34	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
70	35BS70	8.580	1	3.14	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
72	35BS72	8.810	1	3.30	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
80	35BS80	9.770	1	3.94	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
84	35BS84	10.250	1	4.26	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
96	35BS96	11.680	1	5.22	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
112	35BS112	13.590	1	6.50	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4



TYPE BS



BORED-TO-SIZE

*Indicates no keyway.

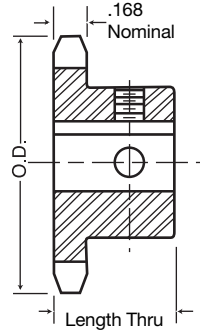
2 1/4" setscrews only in 1/2" & 3/8" bore.

† Keyway with Setscrew at 90°.

Hub diameters vary to suit different bore sizes.

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

SPROCKETS



TYPE BS



BORED-TO-SIZE



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

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

*Indicates no keyway.
 (2) 1/4" setscrews only in 1/2" & 3/8" bore at 90°.
 †Setscrews at 90° and 180° to key.

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

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

No. 35
3/8" Pitch

Stainless Steel
Stock Sprockets



Single-Type B — Stainless

Single-Type A

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

★ Has recessed groove in hub for chain clearance.

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

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

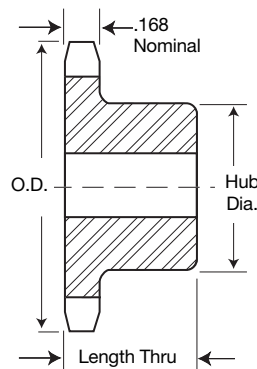
SPROCKETS

Alteration Charges

See current discount sheet for alteration charges.



STAINLESS STEEL



TYPE B

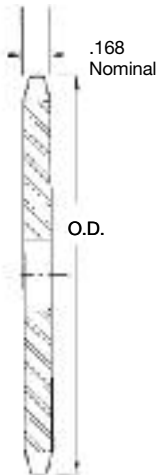
Single-Type B — Steel

Single-Type A

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

* Has recessed groove in hub for chain clearance.

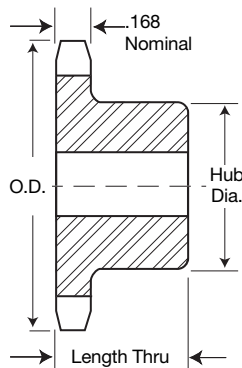
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.



TYPE A



TYPE A



TYPE B



TYPE B

Alteration Charges

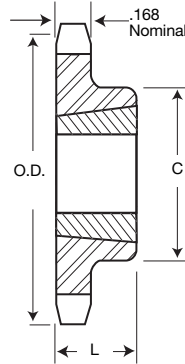
See current discount sheet for alteration charges.

No. 35
3/8" Pitch

All Steel
Stock Sprockets

Martin

Single-Taper Bushed



TYPE B

SPROCKETS

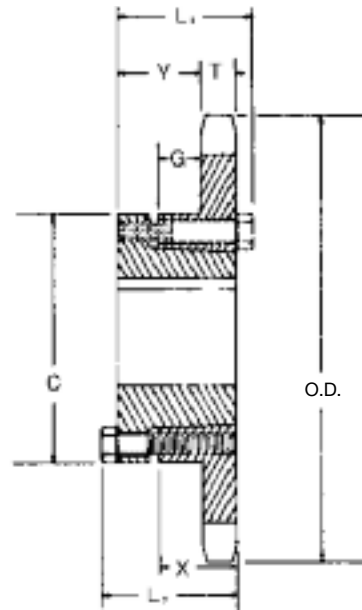
Single-Taper Bushed

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

* Has recessed groove in hub for chain clearance.

Single-Type QD

No. Teeth	Catalog Number	Bushing	Diameters		Type	Max. Bore	Dimensions							Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	G	X	T	With Hub	Rim Only
19	35JA19	JA	2.470	2.278	B	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	.168	1.18	.28
20	35JA20	JA	2.590	2.397	B	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	.168	1.22	.32
21	35JA21	JA	2.710	2.516	B	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	.168	1.24	.34
22	35JA22	JA	2.830	2.635	B	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	.168	1.26	.36
23	35JA23	JA	2.950	2.754	B	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	.168	1.28	.38
24	35JA24	JA	3.070	3.873	B	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	.168	1.30	.40
25	35JA25	JA	3.190	2.992	B	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	.168	1.34	.44
26	35JA26	JA	3.310	3.111	B	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	.168	1.36	.46
27	35JA27	JA	3.430	3.230	B	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	.168	1.38	.48
28	35JA28	JA	3.550	3.349	B	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	.168	1.42	.52
30	35JA30	JA	3.790	3.588	B	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	.168	1.46	.56
32	35JA32	JA	4.030	3.826	B	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	.168	1.68	.78
35	35JA35	JA	4.390	4.183	B	1 1/4	1 1/8	1 1/8	2 1/16	53/64	29/64	5/8	.168	1.94	1.04
36	35SH36	SH	4.510	4.303	B	1 1/2	1 1/16	1 1/16	2 1/16	1 3/4	4 1/4	1 3/16	.168	2.06	1.06
40	35SH40	SH	4.990	4.780	B	1 1/2	1 1/16	1 1/16	2 1/16	1 3/4	4 1/4	1 3/16	.168	2.18	1.18
42	35SH42	SH	5.230	5.018	B	1 1/2	1 1/16	1 1/16	2 1/16	1 3/4	4 1/4	1 3/16	.168	2.26	1.26
45	35SH45	SH	5.590	5.376	B	1 1/2	1 1/16	1 1/16	2 1/16	1 3/4	4 1/4	1 3/16	.168	2.40	1.40
48	35SH48	SH	5.950	5.734	B	1 1/2	1 1/16	1 1/16	2 1/16	1 3/4	4 1/4	1 3/16	.168	2.58	1.58
54	35SH54	SH	6.660	6.449	B	1 1/2	1 1/16	1 1/16	2 1/16	1 3/4	4 1/4	1 3/16	.168	2.88	1.88
60	35SH60	SH	7.380	7.165	B	1 1/2	1 1/16	1 1/16	2 1/16	1 3/4	4 1/4	1 3/16	.168	3.28	2.28
70	35SH70	SH	8.580	8.358	B	1 1/2	1 1/16	1 1/16	2 1/16	1 3/4	4 1/4	1 3/16	.168	3.94	2.94
72	35SH72	SH	8.810	8.597	B	1 1/2	1 1/16	1 1/16	2 1/16	1 3/4	4 1/4	1 3/16	.168	4.14	3.14
80	35SH80	SH	9.770	9.552	B	1 1/2	1 1/16	1 1/16	2 1/16	1 3/4	4 1/4	1 3/16	.168	4.68	3.68
84	35SH84	SH	10.250	10.029	B	1 1/2	1 1/16	1 1/16	2 1/16	1 3/4	4 1/4	1 3/16	.168	4.86	3.96
96	35SH96	SH	11.680	11.461	B	1 1/2	1 1/16	1 1/16	2 1/16	1 3/4	4 1/4	1 3/16	.168	6.38	5.38
112	35SH112	SH	13.590	13.371	B	1 1/2	1 1/16	1 1/16	2 1/16	1 3/4	4 1/4	1 3/16	.168	7.60	6.60



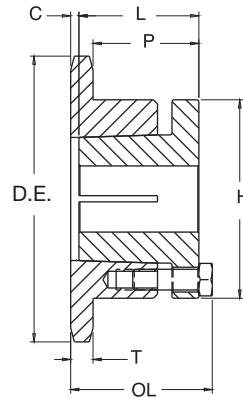
“QD” — TYPE B

SPROCKETS

No. 35
3/8" Pitch

MST®
Sprockets

Martin



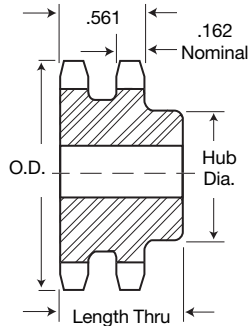
TIPO 3

SPROCKETS

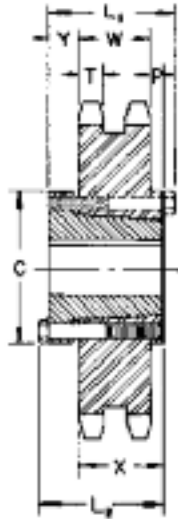
Single - MST® Sprockets

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

Double-Type B



TYPE B



"QD" — TYPE C

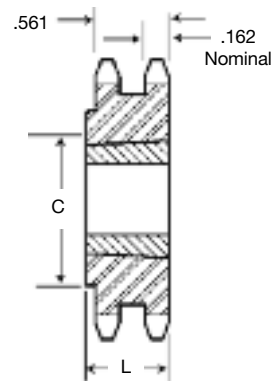
No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru	
12	D35B12H	1.630	B	1/2	5/16	3/4	1 1/4	.32
13	D35B13H	1.750	B	1/2	11/16	1 1/4	1 1/4	.36
14	D35B14H	1.870	B	1/2	3/8	1 1/2	1 1/4	.44
15	D35B15H	1.990	B	1/2	15/16	1 1/2	1 1/4	.56
16	D35B16H	2.110	B	1/2	15/16	1 15/32	1 1/4	.64
17	D35B17H	2.230	B	1/2	1 1/16	1 15/32	1 1/4	.74
18	D35B18H	2.350	B	1/2	1 1/16	1 29/32	1 1/4	.84
19	D35B19H	2.470	B	1/2	1 1/16	1 1/2	1 1/4	.96
20	D35B20H	2.590	B	3/4	1 1/16	1 5/8	1 1/4	1.08
21	D35B21H	2.710	B	3/4	1 1/8	2 1/8	1 1/4	1.24
22	D35B22H	2.830	B	3/4	1 1/8	2 1/8	1 1/4	1.42
23	D35B23H	2.950	B	3/4	1 1/8	2 1/4	1 1/4	1.54
24	D35B24H	3.070	B	3/4	1 1/2	2 1/4	1 1/4	1.62
25	D35B25H	3.190	B	3/4	1 1/2	2 1/4	1 1/4	1.66
26	D35B26	3.310	B	3/4	1 1/2	2 1/4	1 1/4	1.98
30	D35B30	3.790	B	3/4	1 3/4	2 1/2	1 1/4	2.34
36	D35B36	4.510	B	3/4	1 3/4	2 1/2	1 1/4	3.00
42	D35B42	5.230	B	3/4	1 3/4	2 1/2	1 1/4	3.80
48	D35B48	5.950	B	3/4	1 3/4	2 1/2	1 1/4	4.66
52	D35B52	6.430	B	3/4	1 3/4	2 1/2	1 1/4	5.40
60	D35B60	7.380	B	3/4	1 3/4	2 1/2	1 1/4	6.84
68	D35B68	8.340	B	3/4	2 1/8	3 1/2	1 1/4	10.01
72	D35B72	8.810	B	3/4	2 1/8	3 1/2	1 1/4	11.04
76	D35B76	9.290	B	3/4	2 1/8	3 1/2	1 1/4	11.94
84	D35B84	10.250	B	3/4	2 1/8	3 1/2	1 1/4	14.98
95	D35B95	11.560	B	1	2 3/8	3 1/2	1 1/2	17.42
96	D35B96	11.680	B	1	2 3/8	3 1/2	1 1/2	18.14
102	D35B102	12.400	B	1	2 3/8	3 1/2	1 1/2	19.92

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

Double-Taper Bushed

No. Teeth	Catalog Number	Bushing	Diameters		Max. Bore	Dimensions			Weight (Approx.)	
			Outside Diameter	Pitch Diameter		L	C	Type	Rim Only	Bushing Only
19	D35BTB19H	1008	2.472	2.278	1	3/8	1 5/16	B	.6	.3
20	D35BTB20H	1008	2.593	2.397	1	3/8	1 15/16	B	.8	.3
21	D35BTB21H	1008	2.713	2.516	1	3/8	2 1/8	B	1.4	.3
22	D35BTB22H	1008	2.833	2.635	1	3/8	2 1/8	B	1.7	.3
24	D35BTB24H	1210	3.074	2.873	1 1/4	1	2 1/8	B	1.8	.6
26	D35BTB26	1210	3.314	3.111	1 1/4	1	2 1/8	B	2.0	.6
30	D35BTB30	1610	3.793	3.588	1 1/2	1	3 1/8	B	1.8	.9
32	D35BTB32	1610	4.032	3.826	1 1/2	1	3 1/8	B	2.0	.9
35	D35BTB35	1610	4.392	4.183	1 1/2	1	3 1/4	B	2.3	.9
40	D35BTB40	1610	4.990	4.780	1 1/2	1	3 1/4	B	2.9	.9
45	D35BTB45	1610	5.588	5.376	1 1/2	1	3 1/4	B	3.2	.9
48	D35BTB48	1610	5.946	5.734	1 1/2	1	3 3/8	B	3.5	.9
54	D35BTB54	1610	6.663	6.449	1 1/2	1	3 3/8	B	3.9	.9
60	D35BTB60	1610	7.380	7.165	1 1/2	1	3 3/8	B	4.9	.9
70	D35BTB70	1610	8.575	8.358	1 1/2	1	3 3/8	B	6.3	.9
80	D35BTB80	1610	9.770	9.552	1 1/2	1	3 3/8	B	7.9	.9
96	D35BTB96	1610	11.680	11.461	1 1/2	1	3 3/8	B	9.9	.9
112	D35BTB112	1610	13.590	13.371	1 1/2	1	3 3/8	B	10.9	.9

Sprockets with "H" suffix have hardened teeth.



TAPER BUSHED
TYPE B

Double-Type QD

No. Teeth	Catalog Number	Bushing	Diameters		Type	Max. Bore	Dimensions								Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	X	T	W	With Hub	Rim Only
68	D35SDS68	SDS	8.340	8.120	C	2	1 1/2	1 1/2	3 1/8	3/16	3/16	3/8	.162	.561	8.40	7.40
72	D35SDS72	SDS	8.810	8.597	C	2	1 1/2	1 1/2	3 3/8	3/16	3/16	3/8	.162	.561	9.28	8.28
76	D35SDS76	SDS	9.290	9.074	C	2	1 1/2	1 1/2	3 3/8	3/16	3/16	3/8	.162	.561	10.32	9.32
84	D35SK84	SK	10.250	10.029	C	2 1/2	2 1/2	2 1/2	3 3/8	3/8	1 1/8	1 1/4	.162	.561	13.94	11.94
95	D35SK95	SK	11.560	11.342	C	2 1/2	2 1/2	2 1/2	3 3/8	3/8	1 1/8	1 1/4	.162	.561	17.22	15.22
96	D35SK96	SK	11.680	11.461	C	2 1/2	2 1/2	2 1/2	3 3/8	3/8	1 1/8	1 1/4	.162	.561	17.74	15.74
102	D35SK102	SK	12.400	12.177	C	2 1/2	2 1/2	2 1/2	3 3/8	3/8	1 1/8	1 1/4	.162	.561	19.76	17.76

No. 35-3

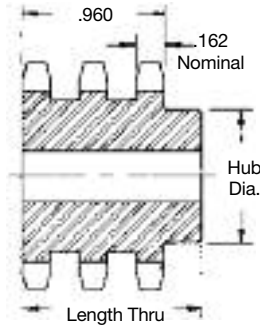
3/8" Pitch

All Steel Stock Sprockets



Triple-Type B

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru	
13	E35B13H	1.750	B	1/2	11/16	1 1/4	1 1/4	.50
14	E35B14H	1.870	B	1/2	7/8	1 1/4	1 1/4	.62
15	E35B15H	1.990	B	1/2	15/16	1 13/32	1 1/4	.78
16	E35B16H	2.110	B	1/2	15/16	1 15/32	1 1/4	.82
17	E35B17H	2.230	B	1/2	1 1/8	1 19/32	1 1/4	1.04
18	E35B18H	2.350	B	1/2	1 1/8	1 21/32	1 1/4	1.22
19	E35B19H	2.470	B	1/2	1 1/8	1 1/4	1 1/4	1.40
20	E35B20H	2.590	B	3/4	1 1/8	1 15/16	1 1/4	1.50
21	E35B21H	2.710	B	3/4	1 1/8	2 1/16	1 1/4	1.72
22	E35B22H	2.830	B	3/4	1 1/8	2 3/16	1 1/4	1.96
23	E35B23H	2.950	B	3/4	1 1/2	2 1/4	1 1/4	2.12
24	E35B24H	3.070	B	3/4	1 1/2	2 1/4	1 1/4	2.26
25	E35B25H	3.190	B	3/4	1 1/2	2 1/4	1 1/4	2.42
26	E35B26	3.310	B	3/4	1 1/2	2 1/2	1 1/4	2.78
30	E35B30	3.790	B	3/4	1 1/2	2 1/2	1 1/4	3.42
36	E35B36	4.510	B	3/4	1 1/2	2 1/2	1 1/4	4.52
42	E35B42	5.230	B	3/4	1 1/2	2 1/2	1 1/4	5.88
48	E35B48	5.950	B	3/4	1 1/2	2 1/2	1 1/4	7.42
52	E35B52	6.430	B	3/4	1 1/2	2 1/2	1 1/4	8.52
60	E35B60	7.380	B	3/4	1 1/2	2 1/2	1 1/4	11.22
68	E35B68	8.340	B	3/4	2 1/8	3 1/2	1 1/4	15.38
72	E35B72	8.810	B	3/4	2 1/8	3 1/2	1 1/4	17.34
76	E35B76	9.290	B	3/4	2 1/8	3 1/2	1 1/4	18.90
84	E35B84	10.250	B	3/4	2 1/8	3 1/2	1 1/4	22.82
95	E35B95	11.560	B	1	2 1/2	3 3/4	2 1/4	29.32
96	E35B96	11.680	B	1	2 1/2	3 3/4	2 1/4	30.06
102	E35B102	12.400	B	1	2 1/2	3 3/4	2 1/4	33.36



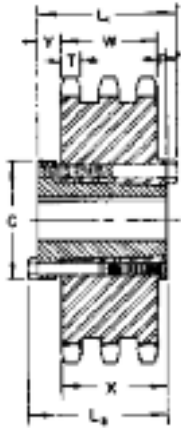
TYPE B

Alteration Charges

See current discount sheet for alteration charges.

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

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



"QD" — TYPE C

Triple-Type QD

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

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

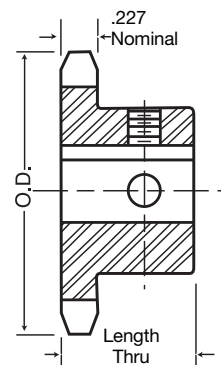
No. Teeth	Catalog Number	Outside Diameter	Length Thru Bore	Weight Lbs. (Approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	41BS9	1.670	3/8	.20	— 1/2 — 3/8
10	41BS10	1.840	3/8	.25	— 1/2 — 3/8
11	41BS11	2.000	3/8	.32	— 1/2 — 3/8 — 1/2
12	41BS12	2.170	3/8	.33	— 1/2 — 3/8 — 1/2 — 1/2
13	41BS13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

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

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.



BORED-TO-SIZE



TYPE BS

No. 41

1/2" Pitch

All Steel Stock Sprockets



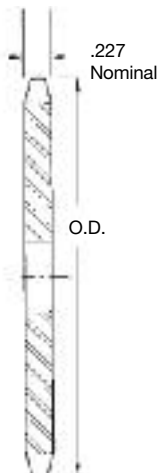
Single-Type B

Single-Type A

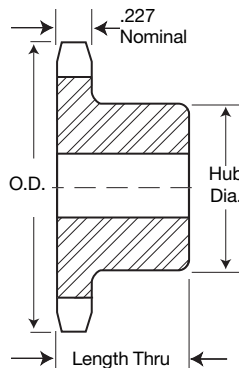
No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)	Type	Catalog Number	Stock Bore	Weight Lbs. (Approx.)
				Stock	Rec. Max.	Diameter	Length Thru					
6	41B6	1.170	B	3/8	3/8	2 1/32*	3/8	.07				
7	41B7	1.340	B	3/8	3/8	3/4*	3/8	.10				
8	41B8	1.510	B	1/2	1/2	63/64*	3/8	.19				
9	41B9	1.670	B	1/2	3/4	1 1/8*	3/8	.20				
10	41B10	1.840	B	1/2	3/4	1 1/4*	3/8	.27				
11	41B11	2.000	B	1/2	3/4	1 1/2*	3/8	.35				
12	41B12	2.170	B	1/2	5/8	1 5/8*	3/8	.44				
13	41B13	2.330	B	1/2	1	1 7/8	3/8	.50				
14	41B14	2.490	B	1/2	1 1/4	1 3/4	3/8	.57				
15	41B15	2.650	B	1/2	1 1/2	1 29/32	3/8	.72	A	41A15	5/8	.28
16	41B16	2.810	B	3/4	1 1/2	2 1/8	3/8	.91	A	41A16	5/8	.34
17	41B17	2.970	B	3/4	1 1/2	2 1/4	1	1.09	A	41A17	5/8	.36
18	41B18	3.140	B	3/4	1 3/4	2 3/8	1	1.25	A	41A18	5/8	.44
19	41B19	3.300	B	3/4	1 3/4	2 1/2	1	1.49	A	41A19	5/8	.46
20	41B20	3.460	B	3/4	1 3/4	2 3/4	1	1.64	A	41A20	5/8	.52
21	41B21	3.620	B	3/4	1 3/4	2 7/8	1	1.81	A	41A21	5/8	.60
22	41B22	3.780	B	3/4	2	3	1	1.93	A	41A22	5/8	.66
23	41B23	3.940	B	3/4	2 1/4	3 3/8	1	2.25	A	41A23	5/8	.72
24	41B24	4.100	B	3/4	2 1/4	3 1/2	1	2.33	A	41A24	5/8	.82
25	41B25	4.260	B	3/4	2 1/4	3 3/4	1	2.46	A	41A25	5/8	.88
26	41B26	4.420	B	3/4	2 1/2	3 1/2	1	2.50	A	41A26	5/8	.94
27	41B27	4.580	B	3/4	2 1/2	3 3/4	1	2.56	A	41A27	5/8	1.00
28	41B28	4.740	B	3/4	2 1/2	3 3/4	1	2.64	A	41A28	5/8	1.08
30	41B30	5.060	B	3/4	2 1/2	3 3/4	1	2.80	A	41A30	19/32	1.20
32	41B32	5.380	B	3/4	2 3/4	3 3/4	1	2.96	A	41A32	19/32	1.44
35	41B35	5.860	B	3/4	2 3/4	3 3/4	1	3.12	A	41A35	19/32	1.70
36	41B36	6.020	B	3/4	2 3/4	3 3/4	1	3.32	A	41A36	19/32	1.84
40	41B40	6.650	B	3/4	2 3/4	3 3/4	1 1/8	4.06	A	41A40	23/32	2.22
42	41B42	6.970	B	3/4	2 3/4	3 1/2	1 1/8	4.10	A	41A42	23/32	2.50
45	41B45	7.450	B	3/4	2 3/4	3 1/2	1 1/8	4.18	A	41A45	23/32	2.52
48	41B48	7.930	B	3/4	2 3/4	3 1/2	1 1/8	4.92	A	41A48	23/32	2.92
54	41B54	8.880	B	3/4	2 3/4	3 1/2	1 1/8	5.68	A	41A54	23/32	3.54
60	41B60	9.840	B	3/4	2 3/4	3 1/2	1 1/8	6.78	A	41A60	23/32	4.60
70	41B70	11.430	B	3/4	2 3/4	4	1 1/8	9.54	A	41A70	23/32	6.22
72	41B72	11.750	B	3/4	2 3/4	4	1 1/8	9.64	A	41A72	23/32	6.32
80	41B80	13.030	B	3/4	2 3/4	4	1 1/8	11.54	A	41A80	23/32	8.46
84	41B84	13.660	B	3/4	2 3/4	4	1 1/8	12.20	A	41A84	23/32	9.12
96	41B96	15.570	B	1	2 3/4	4	1 1/8	14.86	A	41A96	15/16	11.84
112	41B112	18.120	B	1	2 3/4	4	1 1/8	19.16	A	41A112	15/16	15.84

* Has recessed groove in hub for chain clearance.

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



TYPE A



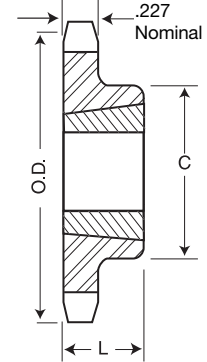
TYPE B

SPROCKETS

Single-Taper Bushed

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

* Has recessed groove in hub for chain clearance.

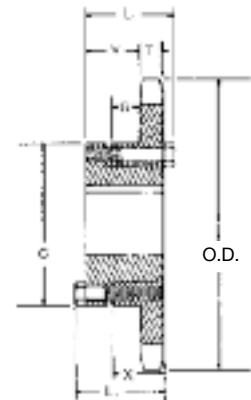


TAPER BUSHED
TYPE B



Single-Type QD

No. Teeth	Catalog Number	Bushing	Diameters		Type	Max. Bore	Dimensions							Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	G	X	T	With Hub	Rim Only
15	41JA15	JA	2.650	2.405	B	1 1/4	1 1/8	1 1/8	2 1/16	9/64	3/64	3/8	.227	1.22	.32
16	41JA16	JA	2.810	2.563	B									1.30	.40
17	41JA17	JA	2.980	2.721	B									1.40	.50
18	41JA18	JA	3.140	2.879	B									1.50	.60
19	41JA19	JA	3.300	3.038	B	1 1/4	1 1/8	1 1/8	2 1/16	9/64	3/64	3/8	.227	1.58	.68
20	41SH20	SH	3.460	3.196	B	1 1/2	1 1/16	1 1/16	2 1/16	1 1/32	3/64	1/16	.227	1.78	.78
21	41SH21	SH	3.620	3.355	B									1.82	.82
22	41SH22	SH	3.780	3.513	B									2.06	1.06
23	41SH23	SH	3.940	3.672	B									2.14	1.14
24	41SH24	SH	4.100	3.831	B									2.16	1.16
25	41SH25	SH	4.260	3.989	B									2.22	1.22
26	41SH26	SH	4.420	4.148	B									2.26	1.26
27	41SH27	SH	4.580	4.307	B									2.40	1.40
28	41SH28	SH	4.740	4.466	B									2.54	1.54
30	41SH30	SH	5.060	4.783	B									2.58	1.58
32	41SH32	SH	5.380	5.101	B									2.68	1.68
35	41SH35	SH	5.860	5.578	B	1 1/2	1 1/16	1 1/16	2 1/16	1 1/32	3/64	1/16	.227	3.46	2.47
36	41SDS36	SDS	6.020	5.737	B	2	1 1/2	1 1/2	3 1/16	1 1/32	1/32	3/8	.227	2.92	1.92
40	41SDS40	SDS	6.650	6.373	B									3.32	2.32
42	41SDS42	SDS	6.970	6.691	B									3.44	2.44
45	41SDS45	SDS	7.450	7.168	B									3.76	2.76
48	41SDS48	SDS	7.930	7.645	B									4.36	3.36
54	41SDS54	SDS	8.890	8.599	B									4.98	3.98
60	41SDS60	SDS	9.840	9.554	B	2	1 1/2	1 1/2	3 3/16	1 1/32	1/32	3/8	.227	6.54	5.54
70	41SK70	SK	11.430	11.145	B	2 1/2	2 1/2	2 1/2	3 3/8	1 1/4	1 1/2	1 1/4	.227	9.42	7.42
72	41SK72	SK	11.750	11.463	B									10.02	8.02
80	41SK80	SK	13.030	12.736	B									11.64	9.64
84	41SK84	SK	13.660	13.372	B									12.40	10.40
96	41SK96	SK	15.570	15.281	B									14.82	12.82
112	41SK112	SK	18.120	17.828	B	2 1/2	2 1/2	2 1/2	3 3/8	1 1/4	1 1/2	1 1/4	.227	19.28	17.28



"QD" — TYPE B



SPROCKETS

No. 40

1/2" Pitch

All Steel Stock Sprockets

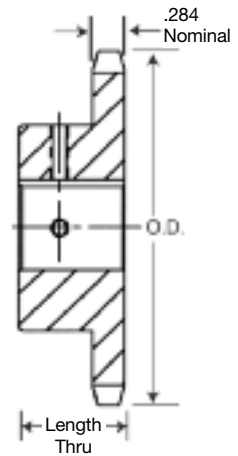


Single-Type "BS" — 2 Setscrews — Bored-To-Size

No. Teeth	Catalog Number	Outside Diameter	Length Thru Bore	Weight Lbs. (Approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	40BS9	1.670	7/8	.16	*1/2 - 3/8
10	40BS10	1.840	7/8	.24	*1/2 - 3/8 - 3/8
11	40BS11	2.000	7/8	.28	*1/2 - 3/8 - 3/8 - 3/8
12	40BS12	2.170	7/8	.34	*1/2 - 3/8 - 3/8 - 3/8 - 1
13	40BS13	2.330	7/8	.45	*1/2 - 3/8 - 3/8 - 3/8 - 1
14	40BS14	2.490	7/8	.51	*1/2 - 3/8 - 3/8 - 3/8 - 1 - 1/16
15	40BS15	2.650	7/8	.53	*1/2 - 3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16
16	40BS16	2.810	7/8	.66	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16
17	40BS17	2.970	1	.88	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16
18	40BS18	3.140	1	1.03	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
19	40BS19	3.300	1	1.17	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
20	40BS20	3.460	1	1.33	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
21	40BS21	3.620	1	1.53	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
22	40BS22	3.780	1	1.66	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
23	40BS23	3.940	1	1.92	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
24	40BS24	4.100	1	2.10	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
25	40BS25	4.260	1	2.22	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
26	40BS26	4.420	1	2.34	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
27	40BS27	4.580	1	2.42	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
28	40BS28	4.740	1	2.50	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
29	40BS29	4.900	1	2.60	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
30	40BS30	5.060	1	2.70	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
31	40BS31	5.220	1	2.88	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
32	40BS32	5.380	1	3.00	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
33	40BS33	5.540	1	3.03	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
34	40BS34	5.700	1	3.11	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
35	40BS35	5.860	1	3.20	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
36	40BS36	6.020	1	3.39	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
37	40BS37	6.170	1	3.45	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
38	40BS38	6.330	1	3.50	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
39	40BS39	6.490	1	4.00	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
40	40BS40	6.650	1 1/8	4.28	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
41	40BS41	6.810	1 1/8	4.58	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
42	40BS42	6.970	1 1/8	4.64	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
43	40BS43	7.130	1 1/8	4.80	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
44	40BS44	7.290	1 1/8	4.96	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
45	40BS45	7.450	1 1/8	5.06	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
46	40BS46	7.610	1 1/8	5.19	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
47	40BS47	7.770	1 1/8	5.26	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
48	40BS48	7.930	1 1/8	5.66	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
49	40BS49	8.090	1 1/8	5.72	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
50	40BS50	8.250	1 1/8	5.78	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
51	40BS51	8.410	1 1/8	5.90	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
52	40BS52	8.570	1 1/8	5.94	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
53	40BS53	8.730	1 1/8	6.12	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
54	40BS54	8.880	1 1/8	6.24	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
55	40BS55	9.040	1 1/8	6.66	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
56	40BS56	9.200	1 1/8	6.71	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
57	40BS57	9.360	1 1/8	6.94	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
58	40BS58	9.520	1 1/8	7.17	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
59	40BS59	9.680	1 1/8	7.38	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
60	40BS60	9.840	1 1/8	7.68	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
70	40BS70	11.430	1 1/4	10.80	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
72	40BS72	11.750	1 1/4	11.30	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
80	40BS80	13.030	1 1/4	13.20	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
84	40BS84	13.660	1 1/4	13.84	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
96	40BS96	15.570	1 1/4	17.44	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16
112	40BS112	18.120	1 1/4	22.45	3/8 - 3/8 - 3/8 - 1 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16 - 1/16



BORED-TO-SIZE



TYPE BS

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

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

SPROCKETS

Martin

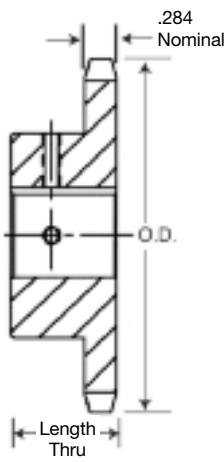
All Steel Stock Sprockets

No. 40 1/2" Pitch



SPROCKETS

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

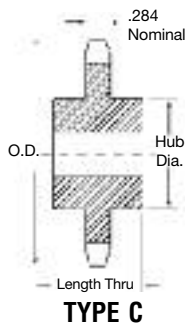


TYPE BS

No. Teeth	Catalog Number	Outside Diameter	Length Thru Bore	Weight Lbs. (Approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	40BS9HT	1.670	7/8	.16	*1/2 - 3/8
10	40BS10HT	1.840	7/8	.24	*1/2 - 3/8 - 3/8
11	40BS11HT	2.000	7/8	.28	*1/2 - 3/8 - 3/8 - 3/8
12	40BS12HT	2.170	7/8	.34	*1/2 - 3/8 - 3/8 - 3/8 - 1
13	40BS13HT	2.330	7/8	.45	*1/2 - 3/8 - 3/8 - 3/8 - 1
14	40BS14HT	2.490	7/8	.51	*1/2 - 3/8 - 3/8 - 3/8 - 1 - 1 1/8
15	40BS15HT	2.650	7/8	.53	*1/2 - 3/8 - 3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8
16	40BS16HT	2.810	7/8	.66	3/8 - 3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8
17	40BS17HT	2.970	1	.88	3/8 - 3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8
18	40BS18HT	3.140	1	1.03	3/8 - 3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8
19	40BS19HT	2.300	1	1.17	3/8 - 3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8
20	40BS20HT	3.460	1	1.33	3/8 - 3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8
21	40BS21HT	3.620	1	1.53	3/8 - 3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8
22	40BS22HT	3.780	1	1.66	3/8 - 3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8
23	40BS23HT	3.940	1	1.92	3/8 - 3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8
24	40BS24HT	4.100	1	2.10	3/8 - 3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8
25	40BS25HT	4.260	1	2.22	3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8
26	40BS26HT	4.420	1	2.34	3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8
28	40BS28HT	4.740	1	2.50	3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8
30	40BS30HT	5.060	1	2.70	3/8 - 3/8 - 1 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8 - 1 1/8

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

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



TYPE C

Single-Type C — Steel

No. Teeth	Catalog Number	Outside Diameter	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
			Stock	Rec. Max.	Diameter	Length	
12	40C12	2.170	1/2	1	1 3/8*	1 1/2	.75
13	40C13	2.330	1/2	1 1/8	1 1/8	1 1/2	.94
14	40C14	2.490	1/2	1 1/8	1 1/8	1 1/2	.91
15	40C15	2.650	1/2	1 1/8	1 7/8	1 1/2	1.19
16	40C16	2.810	1/2	1 3/8	2	1 1/2	1.34
17	40C17	2.970	3/8	1 1/8	2 1/8	1 1/2	1.5
18	40C18	3.140	3/8	1 1/2	2 3/8	1 1/2	1.8

* Has recessed groove in hub for chain clearance.

No. 40

1/2" Pitch

All Steel Stock Sprockets

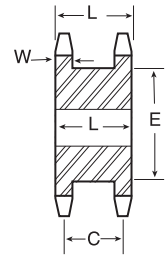
Martin



SPROCKETS

Double Single-Type A — Steel

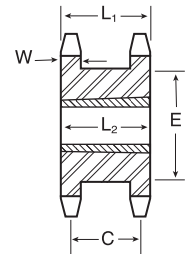
No. Teeth	Catalog Number	Diameters		Type	Min. Bore	Max. Bore	Dimensions				Wt. (Approx.)
		Outside Diameter	Pitch Diameter				L	C	E	w Nom.	
15	DS40A15	2.650	2.405	A	1/2	1 1/4	1 1/2	1 1/2	1 1/16	.284	1.2
16	DS40A16	2.810	2.563	A	1/2	1 1/4	1 1/2	1 1/2	2	.284	1.4
17	DS40A17	2.980	2.721	A	1/2	1 1/4	1 1/2	1 1/2	2 1/8	.284	1.6
18	DS40A18	3.140	2.879	A	1/2	1 1/2	1 1/2	1 1/2	2 5/16	.284	1.8
19	DS40A19	3.300	3.038	A	3/4	1 1/2	1 1/2	1 1/2	2 1/2	.284	2.2
20	DS40A20	3.460	3.196	A	3/4	1 1/2	1 1/2	1 1/2	2 3/8	.284	2.6
21	DS40A21	3.620	3.355	A	3/4	1 1/2	1 1/2	1 1/2	2 5/8	.284	2.9
22	DS40A22	3.780	3.513	A	3/4	1 1/2	1 1/2	1 1/2	2 7/8	.284	3.0
23	DS40A23	3.940	3.672	A	3/4	2 1/8	1 1/2	1 1/2	3 1/2	.284	3.5
24	DS40A24	4.100	3.831	A	3/4	2 1/4	1 1/2	1 1/2	3 3/4	.284	4.0
25	DS40A25	4.260	3.989	A	3/4	2 1/2	1 1/2	1 1/2	3 5/8	.284	4.5



TYPE A

Double Single-Taper Bushed — Steel

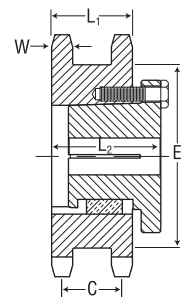
No. Teeth	Catalog Number	Bushing Size	Diameters		Min. Bore	Max. Bore	Type	Dimensions				Wt. Rim Only	
			Outside Diameter	Pitch Diameter				L ₁	C	E	L ₂		w Nom.
18	DS40ATB18H	1215	3.140	2.879	1/2	1 1/4	A	1 1/2	1 1/2	2 5/16	1 1/2	.284	1.0
19	DS40ATB19H	1215	3.300	3.038	1/2	1 1/4	A	1 1/2	1 1/2	2 1/2	1 1/2	.284	1.1
20	DS40ATB20H	1215	3.460	3.196	1/2	1 1/4	A	1 1/2	1 1/2	2 3/8	1 1/2	.284	1.3
21	DS40ATB21H	1615	3.620	3.355	1/2	1 1/4	A	1 1/2	1 1/2	2 5/8	1 1/2	.284	1.3
23	DS40ATB23H	1615	3.940	3.672	1/2	1 1/4	A	1 1/2	1 1/2	3 1/2	1 1/2	.284	1.5
24	DS40ATB24H	1615	4.100	3.831	1/2	1 1/4	A	1 1/2	1 1/2	3 3/4	1 1/2	.284	1.7



TAPER BUSH TYPE A

Double Single - MST® — Steel

No. Teeth	Catalog Number	Bushing Size	Diameters		Min. Bore	Max. Bore	Type	Dimensions				Wt. Rim Only	
			Outside Diameter	Pitch Diameter				L ₁	C	E	L ₂		w Nom.
19	DS40H19H	H	3.300	3.038	3/4	1 1/2	BH	1 1/2	1 1/2	2 1/2	2 1/2	.284	1.5
21	DS40H21H	H	3.620	3.355	3/4	1 1/2	BH	1 1/2	1 1/2	2 5/8	2 1/2	.284	2
23	DS40P23H	P1	3.940	3.672	1/2	1 1/4	B	1 1/2	1 1/2	3 1/2	2 3/4	.284	2.3
24	DS40P24H	P1	4.100	3.831	1/2	1 1/4	B	1 1/2	1 1/2	3 3/4	2 3/4	.284	2.5



MST TYPE B

Single-Type B — Stainless

Single-Type A

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)	Type	Catalog Number	Stock Bore	Weight Lbs. (Approx.)
				Stock	Rec. Max.	Diameter	Length Thru					
10	40B10SS	1.840	B	1/2	3/4	1 1/4*	7/8	.28				
11	40B11SS	2.000	B	1/2	7/8	1 1/2*	7/8	.36				
12	40B12SS	2.170	B	1/2	1 1/8	1 5/8*	7/8	.44				
13	40B13SS	2.33	B	1/2	1 1/8	1 5/8	7/8	.50				
14	40B14SS	2.490	B	1/2	1 1/4	1 7/8	7/8	.60				
15	40B15SS	2.650	B	1/2	1 1/2	2 1/8	7/8	.68				
16	40B16SS	2.810	B	5/8	1 1/2	2	1	.82				
17	40B17SS	2.980	B	5/8	1 3/4	2 1/8	1	1.06				
18	40B18SS	3.140	B	5/8	1 3/4	2 1/4	1	1.24				
19	40B19SS	3.300	B	5/8	1 3/4	2 1/2	1	1.42				
20	40B20SS	3.460	B	5/8	1 3/4	2 5/8	1	1.60				
21	40B21SS	3.620	B	5/8	1 3/4	2 3/4	1	1.68				
22	40B22SS	3.780	B	5/8	1 3/4	2 7/8	1	1.81				
23	40B23SS	3.940	B	5/8	2	3	1	2.18				
24	40B24SS	4.100	B	5/8	2 1/4	3 1/4	1	2.20				
25	40B25SS	4.260	B	5/8	2 1/4	3 1/4	1	1.84	A	40A26SS	1 9/32	1.31
26	40B26SS	4.420	B	5/8	2 1/4	3 1/4	1	2.40	A	40A28SS	1 9/32	1.35
28	40B28SS	4.740	B	5/8	2 1/4	3 1/4	1	2.75	A	40A30SS	1 9/32	1.39
30	40B30SS	5.060	B	5/8	2 1/4	3 1/4	1	2.88	A	40A35SS	1 9/32	1.92
35	40B35SS	5.860	B	5/8	2 1/4	3 1/4	1	3.32	A	40A40SS	2 3/32	2.36
40	40B40SS	6.650	B	3/4	2 1/2	3 1/2	1	4.28	A	40A45SS	2 3/32	3.13
45	40B45SS	7.450	B	3/4	2 1/2	3 1/2	1	4.68	A	40A60SS	2 3/32	5.50
60	40B60SS	9.840	B	3/4	2 1/2	3 1/2	1	7.00	A			

* Has recessed groove in hub for chain clearance.

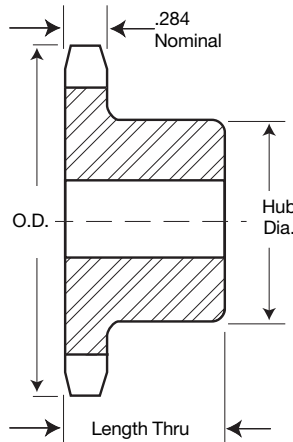
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

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

SPROCKETS



STAINLESS STEEL



TYPE B

Alteration Charges

See current discount sheet for alteration charges.

No. 40

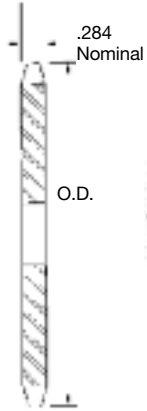
1/2" Pitch

All Steel Stock Sprockets

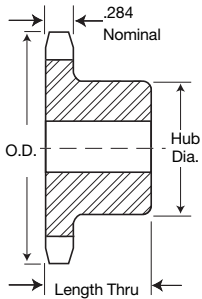
Martin

Single-Type B

Single-Type A



TYPE A



TYPE B

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs (Approx.)	Type	Catalog Number	Stock Bore	Weight Lbs. (Approx.)
				Stock	Rec. Max.	Diameter	Length Thru					
8	40B8	1.510	B	1/2	1/2	5/16*	3/8	.18				
9	40B9	1.670	B	1/2	1/2	1/8*	3/8	.20				
10	40B10	1.840	B	1/2	3/4	1/4*	3/8	.27				
11	40B11	2.000	B	1/2	3/4	1/4*	3/8	.35				
12	40B12	2.170	B	1/2	1	1/8*	3/8	.45	A	40A12	1/2	.18
13	40B13	2.330	B	1/2	1 1/8	1/8	3/8	.50	A	40A13	1/2	.22
14	40B14	2.490	B	1/2	1 1/8	1 1/16	3/8	.59	A	40A14	1/2	.26
15	40B15	2.650	B	1/2	1 1/4	1 1/16	3/8	.70	A	40A15	5/8	.30
16	40B16	2.810	B	5/8	1 1/8	2	3/8	.79	A	40A16	5/8	.34
17	40B17	2.980	B	5/8	1 1/8	2 1/8	1	1.04	A	40A17	5/8	.36
18	40B18	3.140	B	5/8	1 1/2	2 3/8	1	1.22	A	40A18	5/8	.44
19	40B19	3.300	B	5/8	1 1/2	2 1/2	1	1.43	A	40A19	5/8	.46
20	40B20	3.460	B	5/8	1 3/4	2 3/4	1	1.56	A	40A20	5/8	.56
21	40B21	3.620	B	5/8	1 3/4	2 3/4	1	1.73	A	40A21	5/8	.58
22	40B22	3.780	B	5/8	1 3/4	2 3/4	1	1.96	A	40A22	5/8	.66
23	40B23	3.940	B	5/8	2	3	1	2.13	A	40A23	5/8	.72
24	40B24	4.100	B	5/8	2 1/4	3 1/4	1	2.41	A	40A24	5/8	.82
25	40B25	4.260	B	5/8	2 1/4	3 1/4	1	2.54	A	40A25	5/8	.88
26	40B26	4.420	B	5/8	2 1/4	3 1/4	1	2.58	A	40A26	5/8	.94
27	40B27	4.580	B	5/8	2 1/4	3 1/4	1	2.66	A	40A27	5/8	.98
28	40B28	4.740	B	5/8	2 1/2	3 1/2	1	2.73	A	40A28	5/8	1.10
29	40B29	4.900	B	5/8	2 1/2	3 1/2	1	2.80	A	40A29	19/32	1.22
30	40B30	5.060	B	5/8	2 1/2	3 1/2	1	2.98	A	40A30	19/32	1.26
31	40B31	5.220	B	5/8	2 1/2	3 1/2	1	3.10	A	40A31	19/32	1.40
32	40B32	5.380	B	5/8	2 1/2	3 1/2	1	3.16	A	40A32	19/32	1.48
33	40B33	5.540	B	5/8	2 1/2	3 1/2	1	3.22	A	40A33	19/32	1.56
34	40B34	5.700	B	5/8	2 1/2	3 1/2	1	3.30	A	40A34	19/32	1.64
35	40B35	5.860	B	5/8	2 1/2	3 1/2	1	3.46	A	40A35	19/32	1.70
36	40B36	6.020	B	5/8	2 1/2	3 1/2	1	3.58	A	40A36	19/32	1.84
37	40B37	6.180	B	5/8	2 1/2	3 1/2	1	3.62	A	40A37	19/32	1.92
38	40B38	6.330	B	5/8	2 1/2	3 1/2	1	3.70	A	40A38	19/32	2.00
39	40B39	6.490	B	5/8	2 1/2	3 1/2	1	3.76	A	40A39	19/32	2.02
40	40B40	6.650	B	5/8	2 3/4	3 3/4	1 1/8	4.69	A	40A40	23/32	2.22
41	40B41	6.810	B	5/8	2 3/4	3 3/4	1 1/8	4.76	A	40A41	23/32	2.42
42	40B42	6.970	B	5/8	2 3/4	3 3/4	1 1/8	4.82	A	40A42	23/32	2.50
43	40B43	7.130	B	5/8	2 3/4	3 3/4	1 1/8	5.12	A	40A43	23/32	2.80
44	40B44	7.290	B	5/8	2 3/4	3 3/4	1 1/8	5.15	A	40A44	23/32	2.85
45	40B45	7.450	B	5/8	2 3/4	3 3/4	1 1/8	5.30	A	40A45	23/32	3.15
46	40B46	7.610	B	5/8	2 3/4	3 3/4	1 1/8	5.57	A	40A46	23/32	3.26
47	40B47	7.770	B	5/8	2 3/4	3 3/4	1 1/8	5.44	A	40A47	23/32	3.32
48	40B48	7.930	B	5/8	2 3/4	3 3/4	1 1/8	5.84	A	40A48	23/32	3.22
49	40B49	8.090	B	5/8	2 3/4	3 3/4	1 1/8	5.90	A	40A49	23/32	3.44
50	40B50	8.250	B	5/8	2 3/4	3 3/4	1 1/8	5.96	A	40A50	23/32	3.62
51	40B51	8.410	B	5/8	2 3/4	3 3/4	1 1/8	6.08	A	40A51	23/32	3.94
52	40B52	8.570	B	5/8	2 3/4	3 3/4	1 1/8	6.28	A	40A52	23/32	4.08
53	40B53	8.730	B	5/8	2 3/4	3 3/4	1 1/8	6.33	A	40A53	23/32	4.04
54	40B54	8.890	B	5/8	2 3/4	3 3/4	1 1/8	6.42	A	40A54	23/32	4.44
55	40B55	9.040	B	5/8	2 3/4	3 3/4	1 1/8	6.46	A	40A55	23/32	4.54
56	40B56	9.200	B	5/8	2 3/4	3 3/4	1 1/8	6.89	A	40A56	23/32	4.84
57	40B57	9.360	B	5/8	2 3/4	3 3/4	1 1/8	7.02	A	40A57	23/32	5.00
58	40B58	9.520	B	5/8	2 3/4	3 3/4	1 1/8	7.36	A	40A58	23/32	5.12
59	40B59	9.680	B	5/8	2 3/4	3 3/4	1 1/8	7.45	A	40A59	23/32	5.30
60	40B60	9.840	B	5/8	2 3/4	3 3/4	1 1/8	7.86	A	40A60	23/32	5.48
70	40B70	11.430	B	5/8	2 3/4	4	1 1/4	11.00	A	40A70	23/32	7.24
72	40B72	11.750	B	5/8	2 3/4	4	1 1/4	11.50	A	40A72	23/32	7.74
80	40B80	13.030	B	5/8	2 3/4	4	1 1/4	13.40	A	40A80	23/32	10.20
84	40B84	13.660	B	5/8	2 3/4	4	1 1/4	14.04	A	40A84	23/32	10.07
96	40B96	15.570	B	1	2 3/4	4	1 1/4	17.56	A	40A96	15/16	12.15
112	40B112	18.120	B	1	2 3/4	4	1 1/4	22.56	A	40A112	15/16	20.00

* Has recessed groove in hub for chain clearance.

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

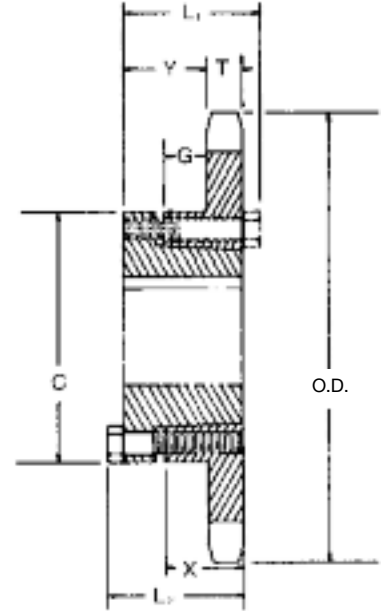
Alteration Charges

See current discount sheet for alteration charges.

Single-Type QD With Hardened Teeth

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

**SABER
TOOTH®**



QD — TYPE B

SPROCKETS

Single-Type QD

No. Teeth	Catalog Number	Bush- ing	Diameters		Type	Max. Bore	Dimensions							Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	G	X	T	With Hub	Rim Only
15	40JA15	JA	2.650	2.405	B	1/4	1/8	1/8	2 1/16	23/32	1 1/32	5/16	.284	1.24	.34
16	40JA16	JA	2.810	2.563	B									1.30	.40
17	40JA17	JA	2.980	2.721	B									1.38	.48
18	40JA18	JA	3.140	2.879	B									1.44	.54
19	40JA19	JA	3.300	3.038	B	1/4	1/8	1/8	2 1/16	23/32	1 1/32	5/16	.284	1.50	.60
20	40SH20	SH	3.460	3.196	B	1/4	1/16	1 1/16	2 1/16	3 1/32	1 1/32	1 1/16	.284	1.76	.76
21	40SH21	SH	3.620	3.355	B									1.84	.84
22	40SH22	SH	3.780	3.513	B									1.92	.92
23	40SH23	SH	3.940	3.672	B									2.14	1.14
24	40SH24	SH	4.100	3.831	B									2.22	1.22
25	40SH25	SH	4.260	3.989	B									2.30	1.30
26	40SH26	SH	4.420	4.148	B									2.44	1.44
27	40SH27	SH	4.580	4.307	B									2.46	1.46
28	40SH28	SH	4.740	4.466	B									2.54	1.54
30	40SH30	SH	5.060	4.783	B									2.72	1.72
32	40SH32	SH	5.380	5.101	B									2.90	1.90
35	40SH35	SH	5.860	5.578	B	1/2	1 1/16	1 1/16	3	3 1/32	1 1/32	1 1/16	.284	3.22	2.22
36	40SDS36	SDS	6.020	5.737	B	2	1 1/2	1 1/2	3 1/16	1 1/32	1 1/32	3/8	.284	3.20	2.20
40	40SDS40	SDS	6.650	6.373	B									3.72	2.72
42	40SDS42	SDS	6.970	6.691	B									3.92	2.92
45	40SDS45	SDS	7.450	7.168	B									4.32	3.32
48	40SDS48	SDS	7.930	7.645	B									4.70	3.70
54	40SDS54	SDS	8.890	8.599	B									5.78	4.78
60	40SDS60	SDS	9.840	9.554	B	2	1 1/2	1 1/2	3 1/16	1 1/32	1 1/32	3/8	.284	6.86	5.86
70	40SK70	SK	11.430	11.145	B	2 1/2	2 1/2	2 1/2	3 3/8	1 19/32	3 1/32	1 1/4	.284	10.68	8.68
72	40SK72	SK	11.750	11.463	B									10.84	8.84
80	40SK80	SK	13.030	12.736	B									13.20	11.20
84	40SK84	SK	13.660	13.372	B									13.56	11.56
96	40SK96	SK	15.570	15.282	B									17.76	15.76
112	40SK112	SK	18.120	17.828	B	2 1/2	2 1/2	2 1/2	3 3/8	1 19/32	3 1/32	1 1/4	.284	22.28	20.28

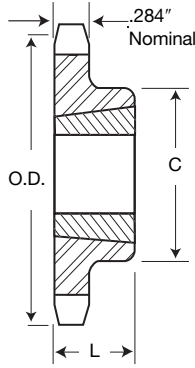
No. 40

1/2" Pitch

All Steel Stock Sprockets



Single-Taper Bushed with Hardened Teeth



TAPER BUSHED
TYPE B

S
A
B
E
R

T
O
O
T[®]

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

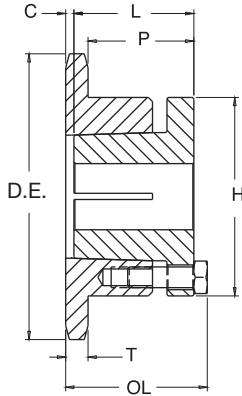
SPROCKETS

Single-Taper Bushed

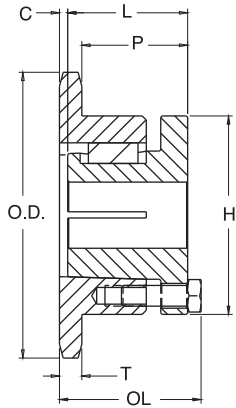
No. Teeth	Catalog Number	Bushing	Diameters		Max. Bore	Dimensions		Type	Weight (Approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
14	40BTB14	1008	2.491	2.247	1	7/8	★1 1/16	B	.3	.3
15	40BTB15	1008	2.652	2.405	1	7/8	1 1/16	B	.4	.3
16	40BTB16	1008	2.814	2.563	1	7/8	1 1/16	B	.5	.3
17	40BTB17	1210	2.975	2.721	1 1/4	1	★2 7/16	B	.5	.3
18	40BTB18	1210	3.135	2.879	1 1/4	1	★2 1/32	B	.6	.6
19	40BTB19	1210	3.296	3.038	1 1/4	1	2 7/32	B	.7	.6
20	40BTB20	1610	3.457	3.196	1 1/2	1	★2 29/32	B	.7	.9
21	40BTB21	1610	3.617	3.355	1 1/2	1	2 25/32	B	.8	.9
22	40BTB22	1610	3.778	3.513	1 1/2	1	2 29/32	B	.9	.9
23	40BTB23	1610	3.938	3.672	1 1/2	1	3 3/32	B	1.0	.9
24	40BTB24	1610	4.098	3.831	1 1/2	1	3 1/4	B	1.4	.9
25	40BTB25	1610	4.258	3.989	1 1/2	1	3 13/32	B	1.5	.9
26	40BTB26	1610	4.418	4.148	1 1/2	1	3 1/2	B	1.7	.9
28	40BTB28	1610	4.738	4.466	1 1/2	1	3 1/2	B	1.8	.9
30	40BTB30	1610	5.057	4.783	1 1/2	1	3 1/2	B	1.9	.9
32	40BTB32	1610	5.377	5.101	1 1/2	1	3 1/2	B	1.9	.9
35	40BTB35	1610	5.855	5.578	1 1/2	1	3 1/2	B	2.3	.9
36	40BTB36	1610	6.015	5.737	1 1/2	1	3	B	2.4	.9
40	40BTB40	1610	6.653	6.373	1 1/2	1	3	B	2.8	.9
42	40BTB42	1610	6.972	6.691	1 1/2	1	3	B	2.9	.9
45	40BTB45	1610	7.451	7.168	1 1/2	1	3	B	3.5	.9
48	40BTB48	1610	7.928	7.645	1 1/2	1	3	B	4.0	.9
54	40BTB54	1610	8.885	8.599	1 1/2	1	3	B	4.9	.9
60	40BTB60	1610	9.841	9.554	1 1/2	1	3	B	6.0	.9
70	40BTB70	2012	11.434	11.145	2	1 1/4	3 5/16	B	8.2	1.7
72	40BTB72	2012	11.752	11.463	2	1 1/4	3 5/16	B	9.0	1.7
80	40BTB80	2012	13.026	12.736	2	1 1/4	3 5/16	B	10.8	1.7
84	40BTB84	2012	13.663	13.372	2	1 1/4	3 5/16	B	11.3	1.7
96	40BTB96	2012	15.573	15.282	2	1 1/4	3 5/16	B	14.6	1.7
112	40BTB112	2517	18.122	17.828	2 1/2	1 1/4	4 1/4	B	20.5	1.7

★ Has recessed groove in hub for chain clearance.

Single - MST[®] Sprockets



TIPO 3



TYPE 4

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

Sprockets with "H" suffix have hardened teeth.

No. 40-2

1/2" Pitch

All Steel Stock Sprockets



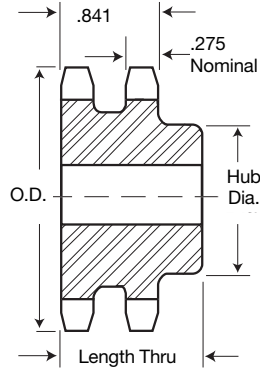
Double-Type B

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

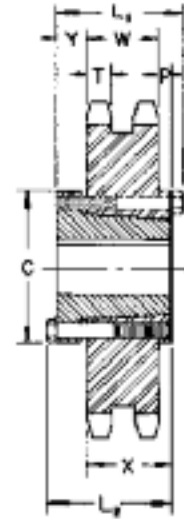
* Has recessed groove in hub for chain clearance.

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

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



TYPE B



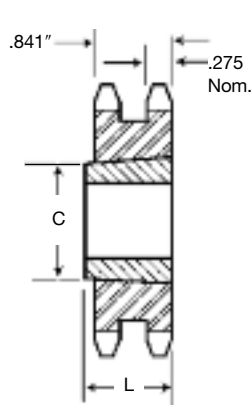
QD — TYPE C

Alteration Charges

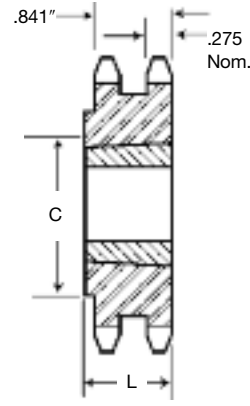
See current discount sheet for alteration charges.

Double-Type QD

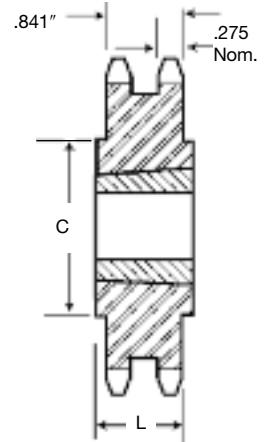
No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions								Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	X	T	W	With Hub	Rim Only
36	D40SK36	SK	6.020	5.737	C	2%	2 1/2	2 1/2	3 3/8	5/8	1 1/16	1 1/4	.275	.841	6.68	4.68
40	D40SK40	SK	6.650	6.373	C										8.02	6.02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



TYPE A



TYPE B



TYPE C

Double-Taper Bushed

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

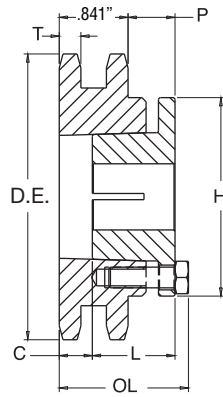
NOTE: Double 40 stock sprockets with 25 teeth or less have hardened teeth.
As indicated by H suffix.

No. 40-2

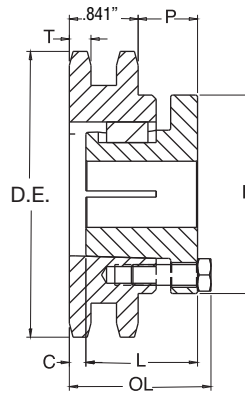
1/2" Pitch

MST[®] Sprockets

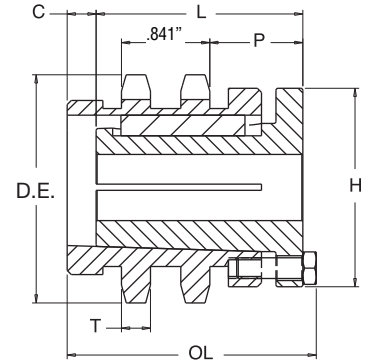
Martin



TIPO 11



TIPO 12



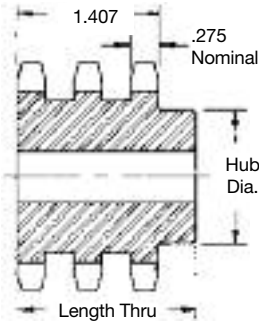
TIPO 16

Double - MST[®] Sprockets

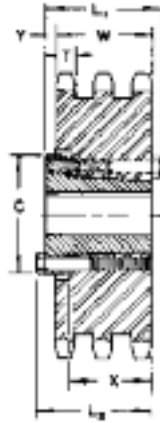
No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions						Weight (Approx.)	
			Outside Dia.	Pitch Dia.			OL	L	C	H	P	T(nom)	With Hub	Rim Only
15	D40H15H	H	2.650	2.405	11	1-1/2	2-5/32	1-1/4	23/32	2-1/2	1-1/8	.275	1.7	.9
16	D40H16H	H	2.810	2.563	11	1-1/2	2-5/32	1-1/4	23/32	2-1/2	1-1/8	.275	1.8	1.0
17	D40H17H	H	2.980	2.721	11	1-1/2	2-5/32	1-1/4	23/32	2-1/2	1-1/8	.275	1.9	1.1
18	D40P18H	P1	3.140	2.879	16	1-3/4	3 3/16	1-15/16	1	3	1-3/8	.275	3.1	1.8
19	D40P19H	P1	3.300	3.038	12	1-3/4	2 15/32	1-15/16	9/32	3	1-3/8	.275	2.7	1.4
20	D40P20H	P1	3.460	3.196	12	1-3/4	2-13/32	1-15/16	7/32	3	1-3/8	.275	2.9	1.6
21	D40P21H	P1	3.620	3.355	12	1-3/4	2-13/32	1-15/16	7/32	3	1-3/8	.275	3.1	1.8
22	D40P22H	P1	3.780	3.513	12	1-3/4	2-13/32	1-15/16	7/32	3	1-3/8	.275	3.3	2.0
23	D40P23H	P1	3.940	3.672	12	1-3/4	2-3/16	1-15/16	0	3	1-3/32	.275	3.3	2.0
24	D40P24H	P1	4.100	3.831	12	1-3/4	2-3/16	1-15/16	0	3	1-3/32	.275	3.5	2.2
25	D40P25H	P1	4.260	3.989	12	1-3/4	2-3/16	1-15/16	0	3	1-3/32	.275	3.8	2.5
26	D40P26H	P1	4.420	4.148	12	1-3/4	2-3/16	1-15/16	0	3	1-3/32	.275	4.0	2.7
28	D40P28H	P1	4.740	4.466	12	1-3/4	2-3/16	1-15/16	0	3	1-3/32	.275	4.4	3.1
30	D40Q30H	Q1	5.060	4.783	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	7.7	4.2
32	D40Q32H	Q1	5.380	5.101	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	8.8	5.3
35	D40Q35H	Q1	5.860	5.578	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	9.6	6.1
36	D40Q36H	Q1	6.020	5.737	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	10.0	6.5
40	D40Q40H	Q1	6.650	6.373	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	11.4	7.9
42	D40Q42H	Q1	6.970	6.691	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	12.4	8.9
45	D40Q45H	Q1	7.450	7.168	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	13.6	10.1
48	D40Q48H	Q1	7.930	7.645	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	15.3	11.8
52	D40Q52H	Q1	8.570	8.281	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	16.1	12.6
54	D40Q54H	Q1	8.890	8.599	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	17.8	14.3
60	D40Q60H	Q1	9.840	9.554	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	20.9	17.4
68	D40Q68	Q1	11.120	10.826	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	25.0	21.5
72	D40Q72	Q1	11.750	11.463	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	28.5	25.0
76	D40Q76	Q1	12.390	12.099	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	30.4	26.9
84	D40Q84	Q1	13.660	13.372	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	37.6	34.1
95	D40Q95	Q1	15.410	15.122	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	45.5	42.0
96	D40Q96	Q1	15.570	15.281	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	47.6	44.1
102	D40Q102	Q1	16.530	16.236	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	52.0	48.5
112	D40Q112	Q1	18.120	17.828	12	2-11/16	2-25/32	2-1/2	0	4-1/8	1-21/32	.275	64.5	61.0

Sprockets with "H" suffix have hardened teeth.

Triple-Type B



TYPE B



QD — TYPE B

Alteration Charges

See current discount sheet for alteration charges.

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

* Has recessed groove in hub for chain clearance.

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

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

Triple-Type QD

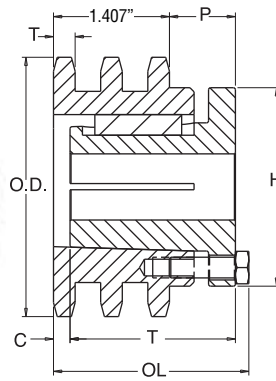
No. Teeth	Catalog Number	Bushing	Diameters		Type	Max. Bore	Dimensions						Weight (Approx.)		
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	X	T	W	With Hub	Rim Only
36	E40SK36	SK	6.020	5.737	B	2%	2 1/2	2 1/2	3 3/8	1 1/2	1 1/4	.275	1.407	8.16	6.16
42	E40SK42	SK	6.970	6.691	B									11.92	9.52
48	E40SK48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

No. 40-3

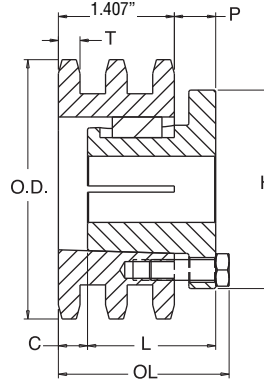
1/2" Pitch

MST[®] Sprockets

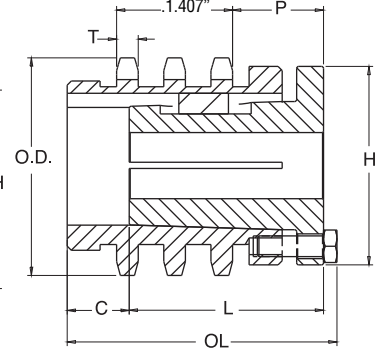
Martin



TYPE 22



TYPE 23



TYPE 27

SPROCKETS

Triple - MST[®] Sprockets

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

Sprockets with "H" suffix have hardened teeth.



All Steel Stock Sprockets

No. 50 5/8" Pitch

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

No. Teeth	Catalog Number	Outside Diameter	Length Thru Bore	Weight Lbs. (Approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	50BS9	2.090	1	.30	5/8 - 3/4
10	50BS10	2.300	1	.30	5/8 - 3/4 - 7/8 - 1
11	50BS11	2.500	1	.60	5/8 - 3/4 - 7/8 - 1
12	50BS12	2.710	1	.70	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2
13	50BS13	2.910	1	.80	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2
14	50BS14	3.110	1	1.00	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2
15	50BS15	3.320	1	1.20	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2
16	50BS16	3.520	1	1.45	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4
17	50BS17	3.720	1	1.60	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4
18	50BS18	3.920	1	1.90	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4
19	50BS19	4.120	1	2.00	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4
20	50BS20	4.320	1	2.10	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4
21	50BS21	4.520	1	2.25	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2
22	50BS22	4.720	1	2.40	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2
23	50BS23	4.920	1	2.50	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2
24	50BS24	5.120	1 1/4	3.00	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2
25	50BS25	5.320	1 1/4	3.10	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2
26	50BS26	5.520	1 1/4	3.30	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2
27	50BS27	5.720	1 1/4	3.46	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2
28	50BS28	5.920	1 1/4	3.60	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2
29	50BS29	6.120	1 1/4	3.78	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2
30	50BS30	6.320	1 1/4	3.90	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2
31	50BS31	6.520	1 1/4	4.46	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
32	50BS32	6.720	1 1/4	4.70	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
33	50BS33	6.920	1 1/4	4.92	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
34	50BS34	7.120	1 1/4	5.06	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
35	50BS35	7.320	1 1/4	5.30	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
36	50BS36	7.520	1 1/4	5.50	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
37	50BS37	7.720	1 1/4	5.62	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
38	50BS38	7.920	1 1/4	5.80	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
39	50BS39	8.120	1 1/4	6.02	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
40	50BS40	8.320	1 1/4	6.20	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
41	50BS41	8.520	1 1/4	6.45	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
42	50BS42	8.720	1 1/4	6.68	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
43	50BS43	8.910	1 1/4	6.99	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
44	50BS44	9.110	1 1/4	7.30	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
45	50BS45	9.310	1 1/4	8.00	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
46	50BS46	9.510	1 1/4	8.51	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
47	50BS47	9.710	1 1/4	8.76	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
48	50BS48	9.910	1 1/4	9.03	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
49	50BS49	10.110	1 1/4	9.33	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
50	50BS50	10.310	1 1/4	9.63	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
51	50BS51	10.510	1 1/4	9.81	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
52	50BS52	10.710	1 1/4	9.99	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
53	50BS53	10.910	1 1/4	10.37	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
54	50BS54	11.110	1 1/4	10.75	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
55	50BS55	11.310	1 1/4	11.08	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
56	50BS56	11.500	1 1/4	11.41	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
57	50BS57	11.700	1 1/4	11.75	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
58	50BS58	11.900	1 1/4	12.08	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
59	50BS59	12.100	1 1/4	12.41	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
60	50BS60	12.300	1 1/4	13.50	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
70	50BS70	14.290	1 1/2	17.81	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
72	50BS72	14.690	1 1/2	19.13	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
80	50BS80	16.280	1 1/2	24.39	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
84	50BS84	17.080	1 1/2	25.15	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
96	50BS96	19.470	1 1/2	32.57	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8
112	50BS112	22.650	1 1/2	41.65	1 - 1 1/8 - 1 3/8 - 1 1/2 - 1 3/4 - 1 7/8 - 1 3/2 - 1 3/4 - 1 3/8

* Keyway with Setscrew at 90°. Hub diameters vary to suit different bore sizes.

KEYWAY IS ON CENTER LINE OF TOOTH.

SPROCKETS

No. 50
5/8" Pitch

All Steel
Stock Sprockets

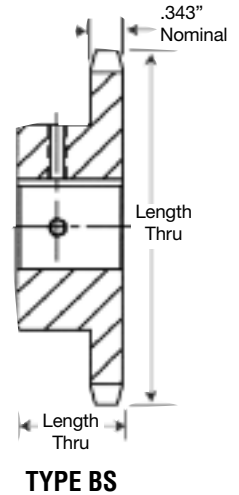


No. 50 — Hardened Teeth — 2 Setscrews — Bored-To-Size

SPROCKETS

No. Teeth	Catalog Number	Outside Diameter	Length Thru Bore	Weight Lbs. (Approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	50BS9HT	2.09	1	.3	5/8 — 3/4
10	50BS10HT	2.30	1	.3	5/8 — 3/4 — 7/8 — † 1
11	50BS11HT	2.50	1	.6	5/8 — 3/4 — 7/8 — 1
12	50BS12HT	2.71	1	.7	5/8 — 3/4 — 7/8 — 1 — 1 1/4 — 1 1/2 — 1 5/8 — 1 3/4
13	50BS13HT	2.91	1	.8	5/8 — 3/4 — 7/8 — 1 — 1 1/4 — 1 1/2 — 1 5/8 — 1 3/4
14	50BS14HT	3.11	1	1.0	5/8 — 3/4 — 7/8 — 1 — 1 1/4 — 1 1/2 — 1 5/8 — 1 3/4
15	50BS15HT	3.32	1	1.2	5/8 — 3/4 — 7/8 — 1 — 1 1/4 — 1 1/2 — 1 5/8 — 1 3/4 — 1 7/8 — 1 5/4 — 1 1/2
16	50BS16HT	3.52	1	1.5	5/8 — 3/4 — 7/8 — 1 — 1 1/4 — 1 1/2 — 1 5/8 — 1 3/4 — 1 7/8 — 1 5/4 — 1 1/2 — 1 5/8
17	50BS17HT	3.72	1	1.7	5/8 — 3/4 — 7/8 — 1 — 1 1/4 — 1 1/2 — 1 5/8 — 1 3/4 — 1 7/8 — 1 5/4 — 1 1/2 — 1 5/8
18	50BS18HT	3.92	1	2.0	5/8 — 3/4 — 7/8 — 1 — 1 1/4 — 1 1/2 — 1 5/8 — 1 3/4 — 1 7/8 — 1 5/4 — 1 1/2 — 1 5/8
19	50BS19HT	4.12	1	2.2	5/8 — 3/4 — 7/8 — 1 — 1 1/4 — 1 1/2 — 1 5/8 — 1 3/4 — 1 7/8 — 1 5/4 — 1 1/2 — 1 5/8
20	50BS20HT	4.32	1	2.5	5/8 — 3/4 — 7/8 — 1 — 1 1/4 — 1 1/2 — 1 5/8 — 1 3/4 — 1 7/8 — 1 5/4 — 1 1/2 — 1 5/8
21	50BS21HT	4.52	1	2.6	5/8 — 3/4 — 7/8 — 1 — 1 1/4 — 1 1/2 — 1 5/8 — 1 3/4 — 1 7/8 — 1 5/4 — 1 1/2 — 1 5/8
22	50BS22HT	4.72	1	2.8	5/8 — 3/4 — 7/8 — 1 — 1 1/4 — 1 1/2 — 1 5/8 — 1 3/4 — 1 7/8 — 1 5/4 — 1 1/2 — 1 5/8
23	50BS23HT	4.92	1	3.2	5/8 — 3/4 — 7/8 — 1 — 1 1/4 — 1 1/2 — 1 5/8 — 1 3/4 — 1 7/8 — 1 5/4 — 1 1/2 — 1 5/8
24	50BS24HT	5.12	1 1/4	4.0	5/8 — 3/4 — 7/8 — 1 — 1 1/4 — 1 1/2 — 1 5/8 — 1 3/4 — 1 7/8 — 1 5/4 — 1 1/2 — 1 5/8

*Indicates no keyway. (2) 1/4" setscrews only in 1/2" & 3/4" bore at 90°.
† Setscrews at 90° and 180° to key.
NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

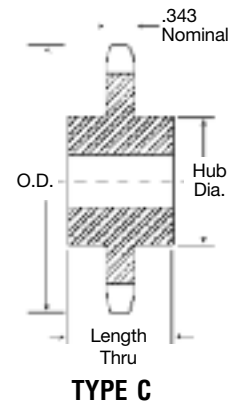


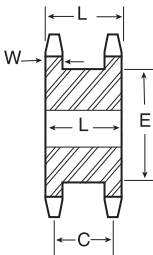
Martin stock hardened teeth sprockets afford longer chain and sprocket life. Hardened teeth on the smaller sprocket of a roller chain drive are recommended if the drive ratio is four to one or greater or if the smaller sprocket has 24 teeth or less and is running at a speed of over 600 R.P.M.

Single-Type C — Steel

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

* Has recessed groove in hub for chain clearance.

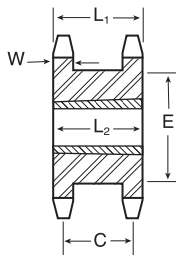




TYPE A

Double Single-Type A — Steel

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

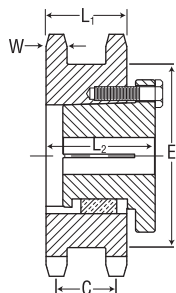


**TAPER BUSH
TYPE A**

Double Single-Taper Bushed — Steel

No. Teeth	Catalog Number	Bushing Size	Diameters		Min. Bore	Max. Bore	Type	Dimensions					Wt. Rim Only
			Outside Diameter	Pitch Diameter				L ₁	C	E	L ₂	w Nom.	
16	DS50ATB16H	1215	3.520	3.204	1/2	1 1/2	A	1 7/8	1 1/8	2 3/4	1 1/2	.343	3.0
17	DS50ATB17H	1615	3.720	3.401	1/2	1 1/4	A	1 7/8	1 1/8	2 7/8	1 1/2	.343	1.8
18	DS50ATB18H	1615	3.920	3.599	1/2	1 1/2	A	1 7/8	1 1/8	3 1/8	1 1/2	.343	2.2
19	DS50ATB19H	1615	4.120	3.797	1/2	1 1/4	A	1 7/8	1 1/8	3 3/8	1 1/2	.343	2.7
20	DS50ATB20H	1615	4.320	3.995	1/2	1 1/2	A	1 7/8	1 1/8	3 7/8	1 1/2	.343	5.0
21	DS50ATB21H	2012	4.520	4.194	1/2	2	A	1 7/8	1 1/8	4 1/8	1 1/4	.343	3.3
23	DS50ATB23H	2012	4.920	4.590	1/2	2	A	1 7/8	1 1/8	4 3/8	1 1/4	.343	3.7
24	DS50ATB24H	2012	5.120	4.788	1/2	2	A	1 7/8	1 1/8	4 7/8	1 1/4	.343	4.1

Sprockets with "H" suffix have hardened teeth.



**MST
TYPE B**

Double Single- MST[®] — Steel

No. Teeth	Catalog Number	Bushing Size	Diameters		Min. Bore	Max. Bore	Type	Dimensions					Wt. Rim Only
			Outside Diameter	Pitch Diameter				L ₁	C	E	L ₂	w Nom.	
17	DS50H17H	H	3.720	3.401	3/8	1 1/2	BH	1 7/8	1 1/8	2 7/8	2 1/2	.343	2.3
19	DS50P19H	P1	4.120	3.797	1/2	1 1/4	B	1 7/8	1 1/8	3 3/8	2 1/2	.343	2.8
21	DS50P21H	P1	4.520	4.194	1/2	1 1/4	B	1 7/8	1 1/8	3 7/8	2 1/2	.343	3.8
23	DS50P23H	P1	4.920	4.590	1/2	1 1/4	B	1 7/8	1 1/8	4 1/8	2 1/2	.343	4.6
24	DS50P24H	P1	5.120	4.788	1/2	1 1/4	B	1 7/8	1 1/8	4 3/8	2 1/2	.343	5.0

Sprockets with "H" suffix have hardened teeth.

SPROCKETS

No. 50
5/8" Pitch

Stainless Steel
Stock Sprockets



Single-Type B — Stainless

Single-Type A

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

* Has recessed groove in hub for chain clearance.

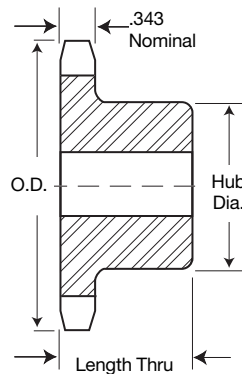
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

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

SPROCKETS



STAINLESS STEEL



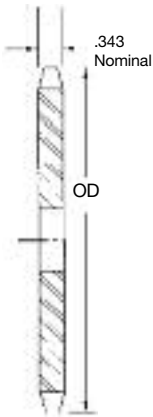
TYPE B

Alteration Charges

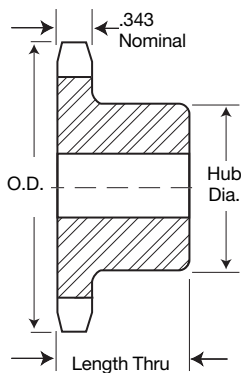
See current discount sheet for alteration charges.

Single-Type B

Single-Type A



TYPE A



TYPE B

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs (Approx.)	Type	Catalog Number	Stock Bore	Weight Lbs. (Approx.)
				Stock	Rec. Max.	Diameter	Length Thru					
8	50B8	1.880	B	5/16	5/16	1 1/8*	1	.25				
9	50B9	2.090	B	5/16	5/16	1 1/8*	1	.36				
10	50B10	2.300	B	5/16	5/16	1 1/8*	1	.48				
11	50B11	2.500	B	5/16	1	1 1/8*	1	.64				
12	50B12	2.710	B	5/16	1 1/4	1 5/8*	1	.83	A	50A12	5/16	.34
13	50B13	2.910	B	5/16	1 1/4	1 5/8	1	.88	A	50A13	5/16	.42
14	50B14	3.110	B	5/16	1 1/4	2 1/8	1	1.13	A	50A14	5/16	.50
15	50B15	3.320	B	5/16	1 1/2	2 3/8	1	1.34	A	50A15	5/16	.54
16	50B16	3.520	B	5/16	1 1/2	2 3/8	1	1.51	A	50A16	5/16	.68
17	50B17	3.720	B	5/16	1 1/2	2 1/2	1	1.74	A	50A17	5/16	.76
18	50B18	3.920	B	5/16	1 1/2	2 1/2	1	2.00	A	50A18	5/16	.86
19	50B19	4.120	B	5/16	2	3	1	2.22	A	50A19	5/16	.94
20	50B20	4.320	B	5/16	2	3	1	2.28	A	50A20	3/4	1.06
21	50B21	4.520	B	5/16	2	3	1	2.40	A	50A21	3/4	1.12
22	50B22	4.720	B	5/16	2	3	1	2.56	A	50A22	3/4	1.30
23	50B23	4.920	B	5/16	2	3	1	2.66	A	50A23	3/4	1.44
24	50B24	5.120	B	5/16	2	3	1 1/4	3.30	A	50A24	23/32	1.50
25	50B25	5.320	B	5/16	2	3	1 1/4	3.40	A	50A25	23/32	1.62
26	50B26	5.520	B	5/16	2	3	1 1/4	3.44	A	50A26	23/32	1.72
27	50B27	5.720	B	5/16	2	3	1 1/4	3.74	A	50A27	23/32	1.96
28	50B28	5.920	B	5/16	2	3	1 1/4	3.80	A	50A28	23/32	2.04
29	50B29	6.120	B	5/16	2	3	1 1/4	4.06	A	50A29	23/32	2.36
30	50B30	6.320	B	5/16	2 1/4	3 1/4	1 1/4	4.56	A	50A30	23/32	2.54
31	50B31	6.520	B	5/16	2 1/4	3 1/4	1 1/4	4.74	A	50A31	23/32	2.80
32	50B32	6.720	B	5/16	2 1/4	3 1/4	1 1/4	4.96	A	50A32	23/32	2.72
33	50B33	6.920	B	5/16	2 1/4	3 1/4	1 1/4	5.20	A	50A33	23/32	3.14
34	50B34	7.120	B	5/16	2 1/4	3 1/4	1 1/4	5.14	A	50A34	23/32	3.20
35	50B35	7.320	B	5/16	2 1/4	3 1/4	1 1/4	5.44	A	50A35	23/32	3.34
36	50B36	7.520	B	5/16	2 1/4	3 1/4	1 1/4	5.64	A	50A36	23/32	3.82
37	50B37	7.720	B	5/16	2 1/4	3 1/4	1 1/4	5.90	A	50A37	23/32	3.98
38	50B38	7.920	B	5/16	2 1/4	3 1/4	1 1/4	6.08	A	50A38	23/32	4.14
39	50B39	8.120	B	5/16	2 1/4	3 1/4	1 1/4	6.30	A	50A39	23/32	4.42
40	50B40	8.320	B	5/16	2 1/4	3 1/4	1 1/4	6.50	A	50A40	23/32	4.46
41	50B41	8.520	B	5/16	2 1/4	3 1/4	1 1/4	6.64	A	50A41	23/32	4.86
42	50B42	8.720	B	5/16	2 1/4	3 1/4	1 1/4	6.96	A	50A42	23/32	4.98
43	50B43	8.910	B	5/16	2 1/4	3 1/4	1 1/4	7.06	A	50A43	23/32	5.24
44	50B44	9.110	B	5/16	2 1/4	3 1/4	1 1/4	7.58	A	50A44	23/32	5.42
45	50B45	9.310	B	5/16	2 1/4	3 1/4	1 1/4	8.58	A	50A45	23/32	5.92
46	50B46	9.510	B	1	2 1/2	3 1/4	1 1/4	8.22	A	50A46	15/16	6.42
47	50B47	9.710	B	1	2 1/2	3 1/4	1 1/4	8.48	A	50A47	15/16	6.50
48	50B48	9.910	B	1	2 1/2	3 1/4	1 1/4	9.28	A	50A48	15/16	6.58
49	50B49	10.110	B	1	2 1/2	3 1/4	1 1/4	9.22	A	50A49	15/16	7.06
50	50B50	10.310	B	1	2 1/2	3 1/4	1 1/4	9.88	A	50A50	15/16	7.10
51	50B51	10.510	B	1	2 1/2	3 1/4	1 1/4	9.70	A	50A51	15/16	7.32
52	50B52	10.710	B	1	2 1/2	3 1/4	1 1/4	10.24	A	50A52	15/16	7.98
53	50B53	10.910	B	1	2 1/2	3 1/4	1 1/4	10.48	A	50A53	15/16	8.08
54	50B54	11.110	B	1	2 1/2	3 1/4	1 1/4	11.00	A	50A54	15/16	8.30
55	50B55	11.310	B	1	2 1/2	3 1/4	1 1/4	10.93	A	50A55	15/16	8.56
56	50B56	11.500	B	1	2 1/2	3 1/4	1 1/4	11.50	A	50A56	15/16	8.90
57	50B57	11.700	B	1	2 1/2	3 1/4	1 1/4	12.00	A	50A57	15/16	9.38
58	50B58	11.900	B	1	2 1/2	3 1/4	1 1/4	11.82	A	50A58	15/16	10.30
59	50B59	12.100	B	1	2 1/2	3 1/4	1 1/4	12.32	A	50A59	15/16	10.50
60	50B60	12.300	B	1	2 1/2	3 1/4	1 1/4	13.00	A	50A60	15/16	10.80
70	50B70	14.290	B	1	2 1/2	3 1/4	1 1/4	18.16	A	50A70	15/16	14.00
72	50B72	14.690	B	1	2 1/2	3 1/4	1 1/4	19.48	A	50A72	15/16	15.24
76	50B76	15.486	B	1	2 1/2	3 1/4	1 1/4	21.00	A	50A76	15/16	20.08
80	50B80	16.280	B	1	2 3/4	4 1/4	1 1/4	24.74	A	50A80	15/16	21.00
84	50B84	17.080	B	1	2 3/4	4 1/4	1 1/4	25.50	A	50A84	15/16	22.08
95	50B95	19.270	B	1	2 3/4	4 1/4	1 1/4	32.00	A	50A95	15/16	27.00
96	50B96	19.470	B	1	2 3/4	4 1/4	1 1/4	32.92	A	50A96	15/16	27.40
112	50B112	22.650	B	1	2 3/4	4 1/4	1 1/4	42.00	A	50A112	15/16	37.70

* Has recessed groove in hub for chain clearance.

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

Alteration Charges

See current discount sheet for alteration charges.

No. 50

5/8" Pitch

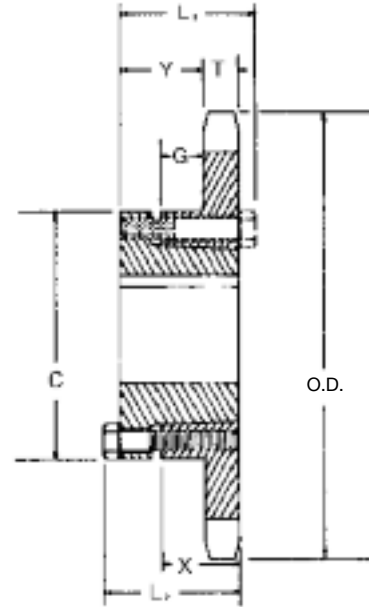
All Steel Stock Sprockets



Single-Type QD With Hardened Teeth

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

**SABER
TOOTH®**



QD — TYPE B

Single-Type QD

No. Teeth	Catalog Number	Bush- ing	Diameters		Type	Max. Bore	Dimensions							Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	G	X	T	With Hub	Rim Only
12	50JA12	JA	2.710	2.415	B	1/4	1/8	1/8	2 1/16	2 1/32	3/32	3/8	.343	1.24	.34
13	50JA13	JA	2.910	2.612	B									1.30	.40
14	50JA14	JA	3.110	2.803	B									1.45	.52
15	50JA15	JA	3.320	3.006	B									1.50	.60
16	50JA16	JA	3.520	3.204	B	1/4	1/8	1/8	2 1/16	2 1/32	3/32	3/8	.343	1.58	.68
17	50SH17	SH	3.720	3.401	B	1/2	1/16	1/16	2 1/16	2 9/32	15/32	13/16	.343	1.84	.84
18	50SH18	SH	3.920	3.599	B	1/2	1/16	1/16	2 1/16	2 9/32	15/32	13/16	.343	2.04	1.04
19	50SH19	SH	4.120	3.797	B	1/2	1/16	1/16	2 1/16	2 9/32	15/32	13/16	.343	2.24	1.24
20	50SDS20	SDS	4.320	3.995	B	2	1/2	1/2	3 1/16	3 1/32	1 1/2	3/4	.343	2.20	1.20
21	50SDS21	SDS	4.520	4.194	B									2.32	1.32
22	50SDS22	SDS	4.720	4.392	B									2.48	1.42
23	50SDS23	SDS	4.920	4.590	B									2.58	1.58
24	50SDS24	SDS	5.120	4.788	B									2.70	1.70
25	50SDS25	SDS	5.320	4.987	B									2.86	1.86
26	50SDS26	SDS	5.520	5.185	B									3.00	2.00
27	50SDS27	SDS	5.720	5.384	B									3.12	2.12
28	50SDS28	SDS	5.920	5.582	B									3.32	2.32
30	50SDS30	SDS	6.320	5.979	B									3.64	2.64
32	50SDS32	SDS	6.720	6.376	B									3.98	2.98
35	50SDS35	SDS	7.320	6.972	B									4.62	3.62
36	50SDS36	SDS	7.520	7.171	B									4.64	3.64
40	50SDS40	SDS	8.320	7.966	B									5.74	4.74
42	50SDS42	SDS	8.720	8.363	B									6.40	5.40
45	50SDS45	SDS	9.310	8.960	B									6.90	5.90
48	50SDS48	SDS	9.910	9.556	B	2	1/2	1/2	3 1/16	3 1/32	1 1/2	3/4	.343	7.66	6.66
54	50SK54	SK	11.110	10.749	B	2 1/2	2 1/2	2 1/2	3 3/8	1 11/32	2 1/32	1 1/4	.343	11.68	9.68
60	50SK60	SK	12.300	11.942	B									13.88	11.88
70	50SK70	SK	14.290	13.931	B									17.52	15.52
72	50SK72	SK	14.690	14.329	B	2 3/8	2 3/8	2 3/8	3 1/2	1 17/32	2 1/32	1 1/4	.343	18.44	16.44
80	50SF80	SF	16.280	15.920	B	2 1/16	2 1/4	2 1/4	4 1/8	1 21/32	2 1/32	1 1/4	.343	22.90	19.90
84	50SF84	SF	17.080	16.715	B									25.98	22.98
96	50SF96	SF	19.470	19.102	B									32.88	29.88
112	50SF112	SF	22.650	22.285	B	2 1/16	2 3/4	2 3/4	4 3/8	1 21/32	2 1/32	1 1/4	.343	43.10	40.10

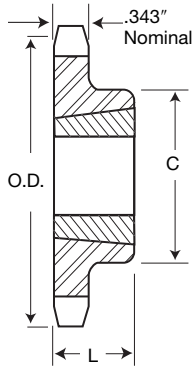
SPROCKETS

Single-Taper Bushed with Hardened Teeth

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

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TYPE B

SPROCKETS

Single-Taper Bushed

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

* Has recessed groove in hub for chain clearance.

No. 50

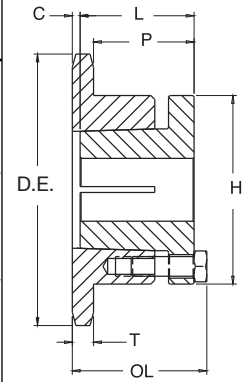
5/8" Pitch

MST® Sprockets

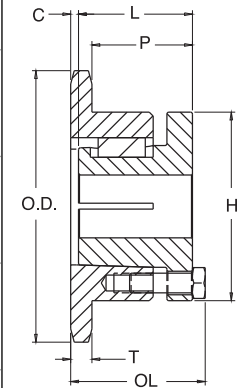
Martin

Single - MST® Sprockets

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

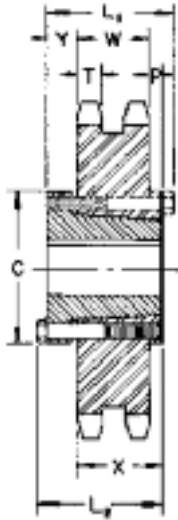


TIPO 3

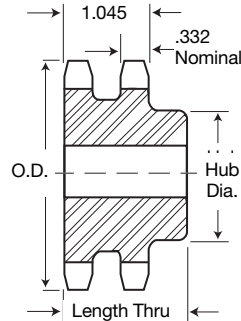


TYPE 4

SPROCKETS



QD — TYPE C



TYPE B

Alteration Charges

See current discount sheet for alteration charges.

Double-Type B

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

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

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

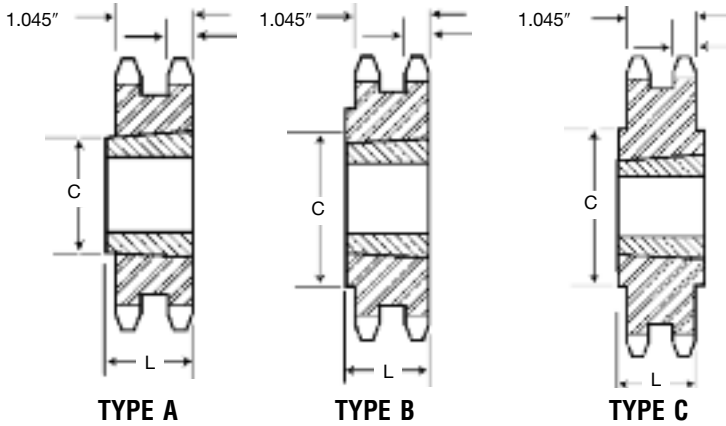
Double-Type QD

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

No. 50-2

5/8" Pitch

All Steel Stock Sprockets

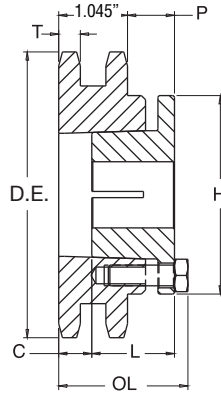


SPROCKETS

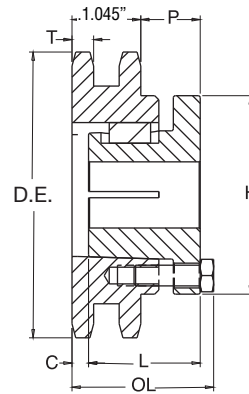
Double-Taper Bushed

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

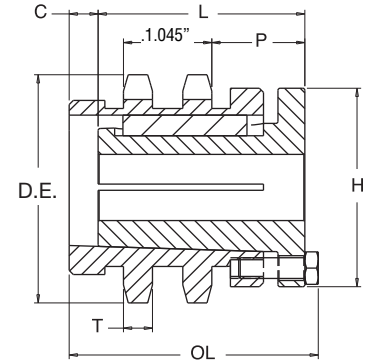
NOTE: Double 50 stock sprockets with 25 teeth or less have hardened teeth. As indicated by H suffix.



TIPO 11



TIPO 12



TIPO 16

Double - MST® Sprockets

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

Sprockets with "H" suffix have hardened teeth.

No. 50-3

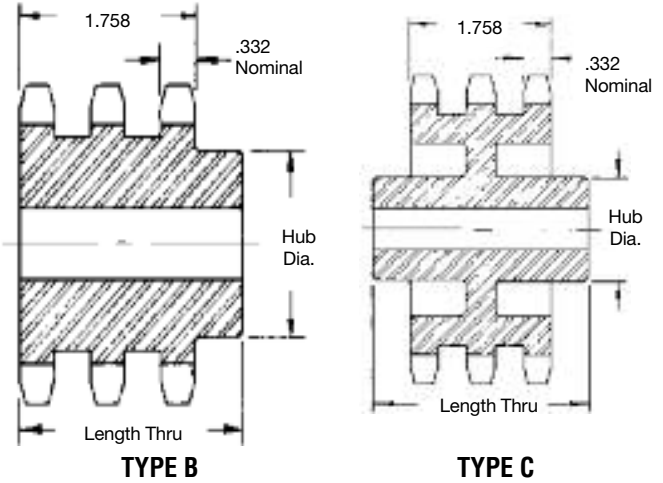
5/8" Pitch

All Steel Stock Sprockets



Triple-Type B & C

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



QD — TYPE B

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

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

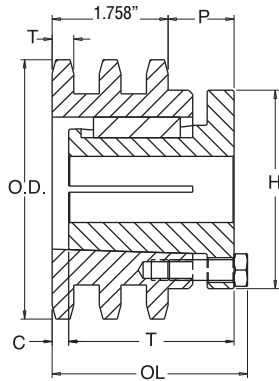
NOTE: Triple 50 stock sprockets with 25 teeth or less have Hardened Teeth. As indicated by H suffix.

Alteration Charges

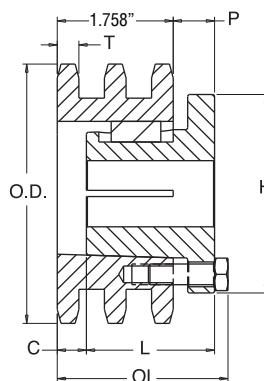
See current discount sheet for alteration charges.

Triple-Type QD

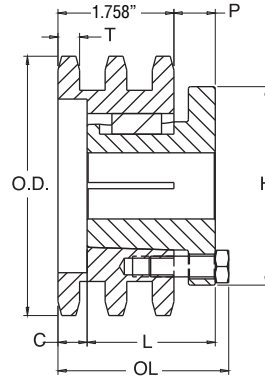
No. Teeth	Catalog Number	Bushing	Diameters		Type	Max. Bore	Dimensions							Weight (Approx.)		
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	V	X	T	W	With Hub	Rim Only
36	E50SK36	SK	7.520	7.171	B	2 1/2	2 1/2	2 1/2	3 3/8	1/2		1 1/4	.332	1.758	14.8	12.8
42	E50SK42	SK	8.720	8.363	B	2 1/2	2 1/2	2 1/2	3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



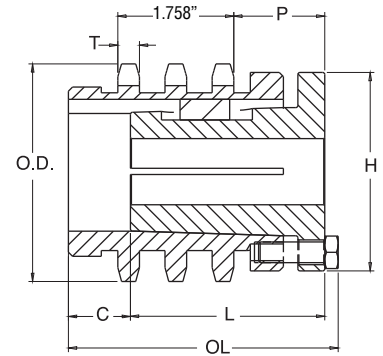
TYPE 22



TYPE 23



TYPE 24



TYPE 27

Triple - MST[®] Sprockets

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

Sprockets with "H" suffix have hardened teeth.

No. 60

3/4" Pitch

All Steel Stock Sprockets

Martin

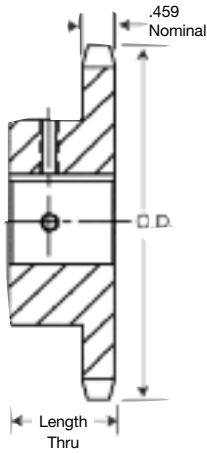
Single Type "BS" — 2 Setscrews — Bored-To-Size

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

Hub diameters vary to suit different bore sizes.

* W = Winch Sprockets — KW 3/16 x 3/32 — One SS at 90°

KEYWAY IS ON CENTER LINE OF TOOTH.



TYPE BS

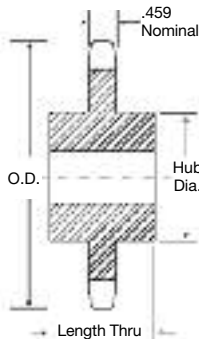


No. 60-Hardened Teeth — 2 Setscrews

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

KEYWAY IS ON CENTER LINE OF TOOTH.

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



TYPE C

Single-Type C

No. Teeth	Catalog Number	Outside Diameter	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
			Stock	Rec. Max.	Diameter	Length	
12	60C12	3.250	3/4	1	2 5/8*	2	2.25
13	60C13	3.490	3/4	1 1/2	2 1/2	2	2.75
14	60C14	3.740	3/4	1	2 5/8	2	3.19
15	60C15	3.980	3/4	1	2 5/8	2	3.10
16	60C16	4.220	3/4	2	3 1/8	2	4.19
17	60C17	4.460	3/4	2 1/4	3 1/4	2	4.81
18	60C18	4.700	3/4	2	3 1/2	2	5.62

* Has recessed groove in hub for chain clearance.

No. 60
3/4" Pitch

All Steel
Stock Sprockets

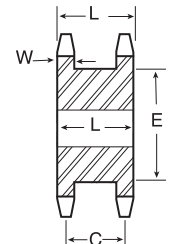
Martin



SPROCKETS

Double Single-Type A — Steel

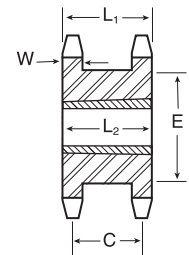
No. Teeth	Catalog Number	Diameters		Type	Min. Bore	Max. Bore	Dimensions				Wt. (Approx.)
		Outside Diameter	Pitch Diameter				L	C	E	w Nom.	
13	DS60A13	3.490	3.134	A	3/4	1 1/4	1 1/16	1 3/64	2 11/32	.459	2.6
14	DS60A14	3.740	3.371	A	3/4	1 1/8	1 1/16	1 3/64	2 1/16	.459	3.2
15	DS60A15	3.980	3.607	A	3/4	1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



TYPE A

Double Single-Taper Bushed — Steel

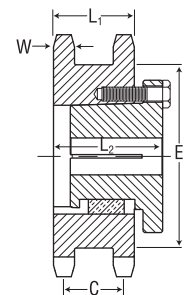
No. Teeth	Catalog Number	Bushing Size	Diameters		Min. Bore	Max. Bore	Type	Dimensions				Wt. Rim Only	
			Outside Diameter	Pitch Diameter				L ₁	C	E	L ₂		w Nom.
16	DS60ATB16H	1615	4.220	3.844	1/2	1 1/8	A	1 1/16	1 3/64	2 63/64	1 1/2	.459	4.5
17	DS60ATB17H	1615	4.460	4.002	1/2	1 1/8	A	1 1/16	1 3/64	3 1/2	1 1/2	.459	4.5
18	DS60ATB18H	2012	4.700	4.319	1/2	2	A	1 1/16	1 3/64	3 1/2	1 1/4	.459	5.0
19	DS60ATB19H	2012	4.950	4.557	1/2	2	A	1 1/16	1 3/64	3 5/64	1 1/4	.459	5.8
20	DS60ATB20H	2517	5.190	4.794	1/2	2 1/2	A	1 1/16	1 3/64	3 3/64	1 1/4	.459	5.6
21	DS60ATB21H	2517	5.430	5.032	1/2	2 1/2	A	1 1/16	1 3/64	4 1/16	1 1/4	.459	6.4
23	DS60ATB23H	2517	5.910	5.508	1/2	2 3/4	A	1 1/16	1 3/64	4 43/64	1 1/4	.459	7.3
24	DS60ATB24H	2517	6.150	5.746	1/2	2 3/4	A	1 1/16	1 3/64	4 29/32	1 1/4	.459	8.2



TAPER BUSH TYPE A

Double Single-MST® — Steel

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



MST TYPE B

Single-Type B — Stainless

Single-Type A

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

★ Has recessed groove in hub for chain clearance.

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

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

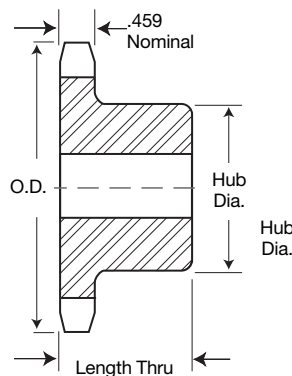
SPROCKETS

Alteration Charges

See current discount sheet for alteration charges.



STAINLESS STEEL



TYPE B

No. 60

3/4" Pitch

All Steel Stock Sprockets



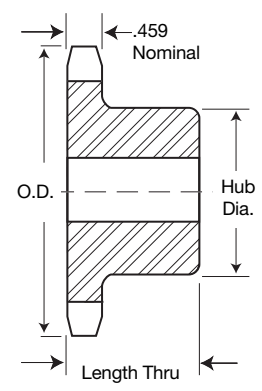
Single-Type B

Single-Type A

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



TYPE A



TYPE B

Alteration Charges

See current discount sheet for alteration charges.

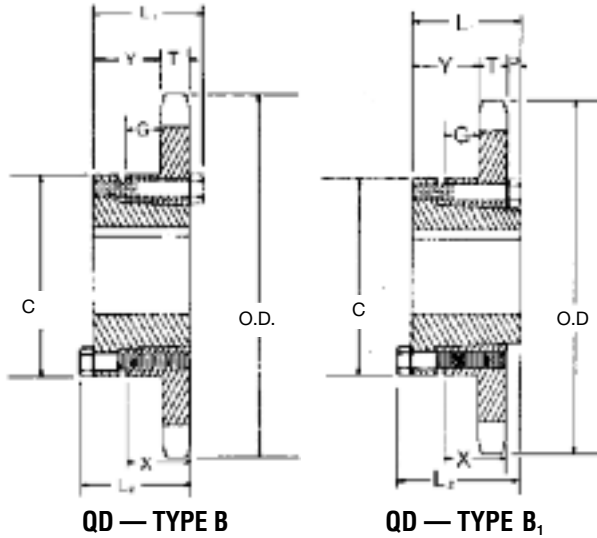
★ Has recessed groove in hub for chain clearance.

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

SPROCKETS

Single-Type QD With Hardened Teeth

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



**SABER
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SPROCKETS

Single-Type QD

No. Teeth	Catalog Number	Bush- ing	Diameters		Type	Max. Bore	Dimensions							Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	G	X	T	With Hub	Rim Only
11	60JA11	JA	3.000	2.662	B	1 1/4	1 1/8	1 1/8	2 1/16	5/64	1 1/64	5/8	.459	1.36	.46
12	60JA12	JA	3.250	2.898	B	1 1/4	1 1/8	1 1/8	2 1/16	5/64	1 1/64	5/8	.459	1.50	.60
13	60JA13	JA	3.490	3.134	B	1 1/4	1 1/8	1 1/8	2 1/16	5/64	1 1/64	5/8	.459	1.66	.76
14	60SH14	SH	3.740	3.371	B	1 1/8	1 1/16	1 1/16	2 1/16	5/64	2 3/64	1 3/16	.459	1.88	.88
15	60SH15	SH	3.980	3.607	B	1 1/8	1 1/16	1 1/16	2 1/16	5/64	2 3/64	1 3/16	.459	2.08	1.08
16	60SH16	SH	4.220	3.844	B	1 1/8	1 1/16	1 1/16	2 1/16	5/64	2 3/64	1 3/16	.459	2.26	1.26
17	60SDS17	SDS	4.460	4.082	B	2	1 1/2	1 1/2	3 1/16	5/64	1 1/64	3/4	.459	2.38	1.38
18	60SDS18	SDS	4.700	4.319	B									2.56	1.56
19	60SDS19	SDS	4.950	4.557	B									2.76	1.76
20	60SDS20	SDS	5.190	4.794	B									3.00	2.00
21	60SDS21	SDS	5.430	5.032	B									3.20	2.20
22	60SDS22	SDS	5.670	5.270	B									3.44	2.44
23	60SDS23	SDS	5.910	5.508	B									3.70	2.70
24	60SDS24	SDS	6.150	5.746	B									3.94	2.94
25	60SDS25	SDS	6.390	5.984	B	2	1 1/2	1 1/2	3 1/16	5/64	1 1/64	3/4	.459	4.24	3.24
26	60SK26	SK	6.630	6.222	B	2 1/2	2 1/8	2 1/8	3 1/8	1 27/64	5 1/64	1 1/4	.459	6.18	4.18
27	60SK27	SK	6.870	6.460	B									6.52	4.52
28	60SK28	SK	7.110	6.699	B									6.72	4.72
30	60SK30	SK	7.590	7.175	B									7.34	5.34
32	60SK32	SK	8.070	7.652	B									8.10	6.10
35	60SK35	SK	8.780	8.367	B									9.42	7.42
36	60SK36	SK	9.020	8.605	B									9.70	7.70
40	60SK40	SK	9.980	9.559	B	2 1/2	2 1/8	2 1/8	3 1/8	1 27/64	5 1/64	1 1/4	.459	11.56	9.56
42	60SF42	SF	10.460	10.036	B	2 15/16	2 1/4	2 1/4	4 1/8	1 35/64	5 1/64	1 1/4	.459	13.78	10.78
45	60SF45	SF	11.180	10.752	B									15.40	12.40
48	60SF48	SF	11.890	11.467	B									17.26	14.26
54	60SF54	SF	13.330	12.899	B									20.02	17.02
60	60SF60	SF	14.760	14.331	B									23.76	20.76
70	60SF70	SF	17.150	16.717	B									31.60	28.60
72	60SF72	SF	17.630	17.194	B									32.58	29.58
80	60SF80	SF	19.540	19.103	B									41.24	38.24
84	60SF84	SF	20.490	20.058	B									43.94	40.94
96	60SF96	SF	23.360	22.922	B	2 5/8	2 1/4	2 1/4	4 1/8	1 35/64	5 1/64	1 1/4	.459	55.40	52.40
112	60E112	E	27.180	26.742	B1	3 1/2	2 1/2	2 1/2	6	2 1/16	1 11/64	1 1/8	.459	83.76	73.76

No. 60

3/4" Pitch

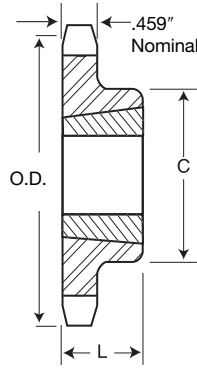
All Steel Stock Sprockets



Single-Taper Bushed with Hardened Teeth

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

**SABER
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**TAPER BUSH
TYPE B**



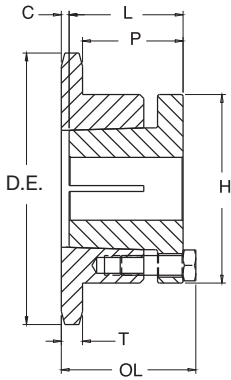
SPROCKETS

Single-Taper Bushed

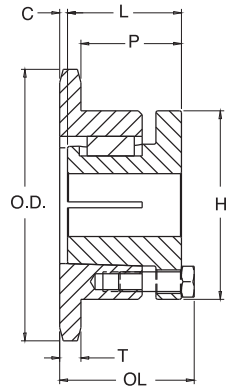
No. Teeth	Catalog Number	Bushing	Diameters		Max. Bore	Dimensions		Type	Weight (Approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
11	60BTB11	1008	3.004	2.662	1	7/8	1 1/16	B	.6	.3
12	60BTB12	1008	3.249	2.898	1	7/8	1 1/16	B	.8	.3
13	60BTB13	1210	3.493	3.134	1 1/4	1	2 1/32★	B	.8	.6
14	60BTB14	1210	3.736	3.371	1 1/4	1	2 9/32	B	1.0	.6
15	60BTB15	1610	3.979	3.607	1 1/2	1	2 5/32	B	1.0	.9
16	60BTB16	1610	4.221	3.844	1 1/2	1	3	B	1.4	.9
17	60BTB17	1610	4.462	4.082	1 1/2	1	3 1/4	B	1.8	.9
18	60BTB18	1610	4.704	4.319	1 1/2	1	3 1/2	B	1.9	.9
19	60BTB19	1610	4.945	4.557	1 1/2	1	3 1/2	B	2.2	.9
20	60BTB20	2012	5.185	4.794	2	1 1/4	3 5/16	B	2.2	1.7
21	60BTB21	2012	5.426	5.032	2	1 1/4	4	B	2.5	1.7
22	60BTB22	2012	5.666	5.270	2	1 1/4	4	B	2.8	1.7
23	60BTB23	2012	5.907	5.508	2	1 1/4	4	B	3.1	1.7
24	60BTB24	2012	6.147	5.746	2	1 1/4	3 3/8	B	3.4	1.7
25	60BTB25	2012	6.387	5.984	2	1 1/4	3 3/8	B	3.7	1.7
26	60BTB26	2012	6.627	6.222	2	1 1/4	3 3/8	B	4.0	1.7
27	60BTB27	2012	6.867	6.416	2	1 1/4	3 3/8	B	4.2	1.7
28	60BTB28	2012	7.107	6.699	2	1 1/4	3 3/8	B	4.6	1.7
30	60BTB30	2012	7.586	7.175	2	1 1/4	3 3/8	B	5.2	1.7
32	60BTB32	2012	8.065	7.652	2	1 1/4	3 3/8	B	5.6	1.7
35	60BTB35	2012	8.783	8.367	2	1 1/4	3 3/8	B	6.4	1.7
36	60BTB36	2012	9.022	8.605	2	1 1/4	3 3/8	B	6.6	1.7
40	60BTB40	2012	9.980	9.559	2	1 1/4	3 3/8	B	8.3	1.7
42	60BTB42	2012	10.458	10.036	2	1 1/4	3 3/8	B	10.0	1.7
45	60BTB45	2012	11.175	10.752	2	1 1/4	3 3/8	B	11.5	1.7
48	60BTB48	2012	11.893	11.467	2	1 1/4	3 3/8	B	13.2	1.7
54	60BTB54	2517	13.327	12.899	2 1/2	1 1/4	4 1/4	B	17.1	3.5
60	60BTB60	2517	14.761	14.330	2 1/2	1 1/4	4 1/4	B	21.0	3.5
70	60BTB70	2517	17.150	16.717	2 1/2	1 1/4	4 1/4	B	27.6	3.5
72	60BTB72	2517	17.628	17.194	2 1/2	1 1/4	4 1/4	B	30.0	3.5
80	60BTB80	2517	19.539	19.103	2 1/2	1 1/4	4 1/4	B	36.3	3.5
84	60BTB84	2517	20.494	20.058	2 1/2	1 1/4	4 1/4	B	40.6	3.5

★ Has recessed groove in hub for chain clearance.

Single - MST[®] Sprockets



TIPO 3



TYPE 4

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

Sprockets with "H" suffix have hardened teeth.

SPROCKETS

No. 60-2

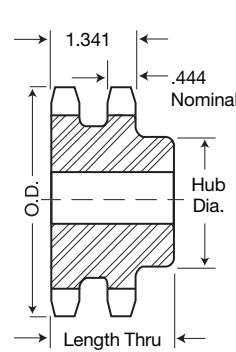
3/4" Pitch

All Steel Stock Sprockets

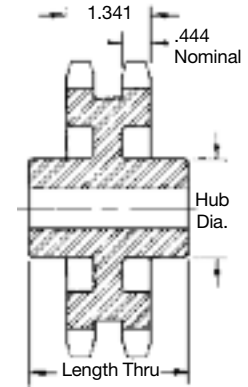


Double-Type B & C

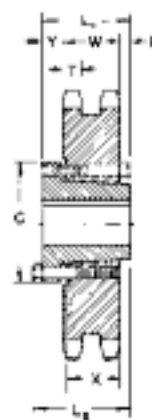
No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru	
11	D60B11H	3.000	B	1	1 1/4	1 1/16	2 1/2	1.62
12	D60B12H	3.250	B	1	1 1/8	2 1/8	2 1/2	2.20
13	D60B13H	3.490	B	1	1 1/2	2 1/4	2 1/2	2.60
14	D60B14H	3.740	B	1	1 1/4	2 1/8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



TYPE B



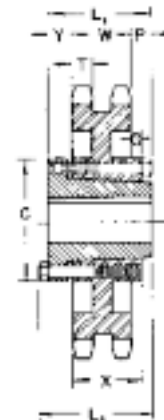
TYPE C



QD — TYPE C₁



QD — TYPE C₂



QD — TYPE C₄

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

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

Alteration Charges

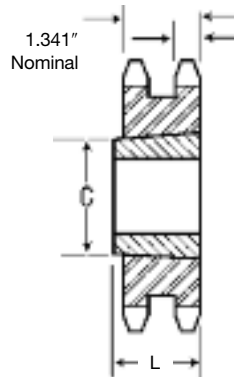
See current discount sheet for alteration charges.

Double-Type QD

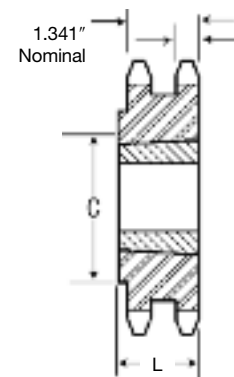
No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions										Weight (Approx.)		
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	G	X	T	W	With Hub	Rim Only		
14	D60SH14H	SH	3.740	3.371	B*	1 1/8	1 1/16	1 1/16	2 1/16	1/2					.444	1.341	2.5	1.5	
22	D60SDS22H	SDS	5.670	5.270	B*	2	1 1/16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

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

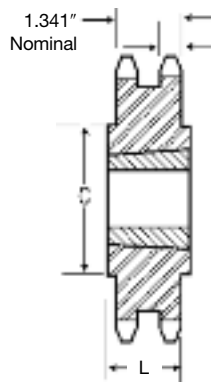
SPROCKETS



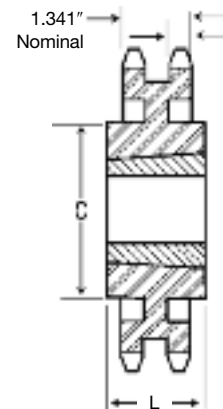
TYPE A



TYPE B



TYPE C₁



TYPE C

Double-Taper Bushed

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

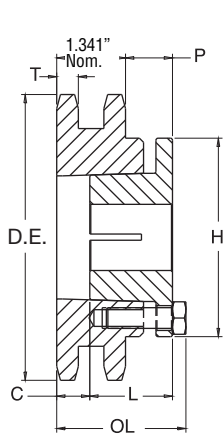
NOTE: Double 60 stock sprockets with 25 teeth or less have hardened teeth.

No. 60-2

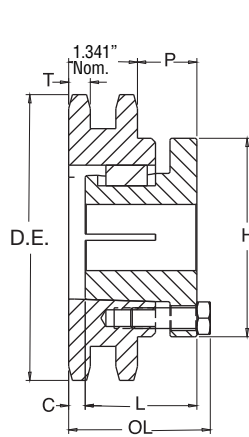
3/4" Pitch

MST® Sprockets

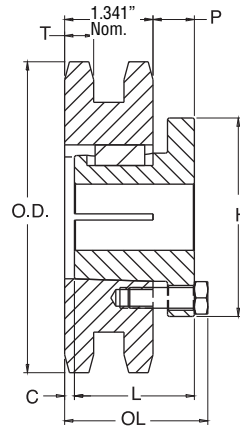
Martin



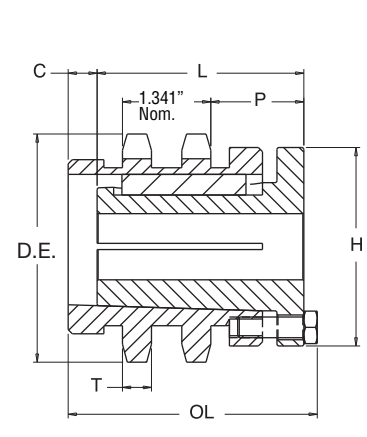
TIPO 11



TIPO 12



TYPE 13



TIPO 16

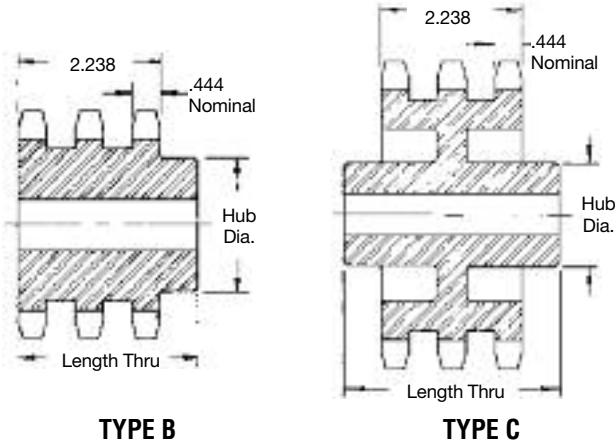
SPROCKETS

Double - MST® Sprockets

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

Sprockets with "H" suffix have hardened teeth.

Triple-Type B & C



TYPE B

TYPE C

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

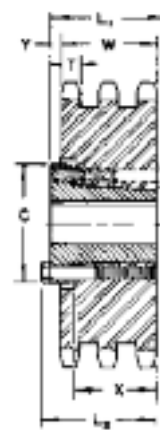
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

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

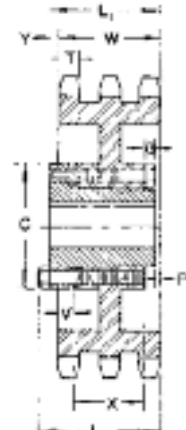


Alteration Charges

See current discount sheet for alteration charges.



QD — TYPE B



QD — TYPE B₁

Triple-Type QD

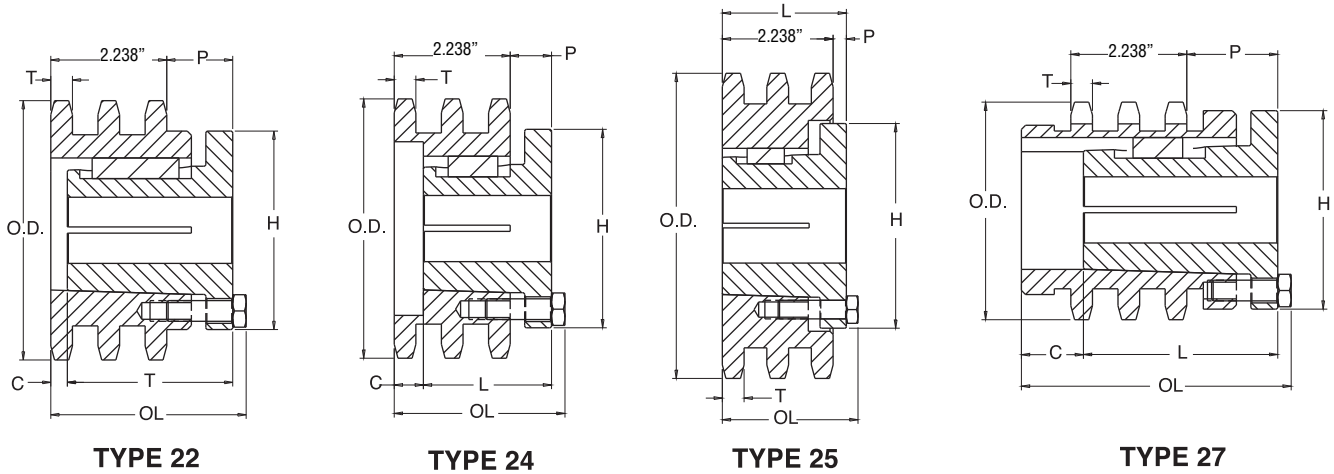
No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions										Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	G	V	X	T	W	With Hub	Rim Only
36	E60E36	E	9.020	8.605	B	3 1/2	2 1/2	2 1/16	6	1 3/16	1/2			1 1/2	.444	2.238	49	37
42	E60E42	E	10.460	10.036	B	3 1/2	2 1/2	2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

No. 60-3

3/4" Pitch

MST[®] Sprockets

Martin



TYPE 22

TYPE 24

TYPE 25

TYPE 27

Triple - MST[®] Sprockets

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

Sprockets with "H" suffix have hardened teeth.



All Steel Stock Sprockets

No. 80 1" Pitch

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

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

Hub diameters vary to suit different bore sizes.

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH

* W = Winch Sprockets — KW 5/16 x 5/32 — One S.S. at 90°

SPROCKETS

No. 80 1" Pitch

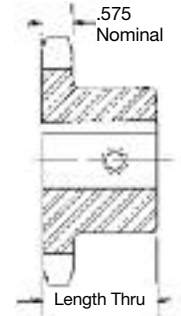
All Steel Stock Sprockets



Single Type "BS" Winch — 1 Setscrew

No. Teeth	Catalog Number	Outside Diameter	Length Thru Bore	Weight Lbs. (Approx.)	Stock Finished Bores Includes Keyway (see Footnote) and Set Screw at 90° from Keyway
10	80BS10W	3.680	1"	1.7	1"
11	80BS11W	4.010	1"	1.8	1"
12	80BS12W	4.330	1"	3.0	1"
15	80BS15W	5.300	1½"	5.2	1"
18	80BS18W	6.270	1½"	7.8	1½" — 1"

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.



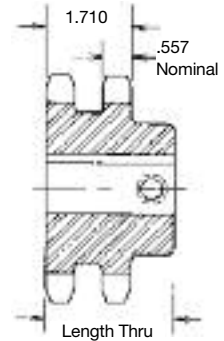
SINGLE TYPE BS

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

No. Teeth	Catalog Number	Outside Diameter	Length Thru Bore	Weight Lbs. (Approx.)	Stock Finished Bores Includes Keyway (see Footnote) and Set Screw at 90° from Keyway
12	D80BS12HW	3.680	2½"	5.2	1½" — 1½" — 1"
15	D80BS15HW	5.300	2½"	9.2	1½" — 1½" — 1"
18	D80BS18HW	6.270	2½"	13.5	1½" — 1½" — 2"
20	D80BS20HW	6.910	2½"	16.2	1½" — 1½" — 2"
24	D80BS24HW	8.200	2½"	23.2	1½" — 2"

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

Footnote: 1¼" bore has a 5/16" x 3/32" keyway
 1½" bore has a 5/16" x 3/32" keyway
 1¾" bore has a 3/8" x 3/16" keyway
 2" bore has a 3/8" x 3/16" keyway



DOUBLE TYPE BS

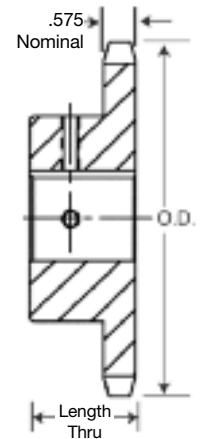


No. 80 — Hardened Teeth — 2 Setscrews

No. Teeth	Catalog Number	Outside Diameter	Length Thru Bore	Weight Lbs. (Approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	80BS9HT	3.350	1"	1.6	1 — 1½" — 1½" — 1"
10	80BS10HT	3.368	1"	1.7	1 — 1½" — 1½" — 1"
11	80BS11HT	4.010	1"	1.8	1 — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1"
12	80BS12HT	4.330	1"	3.0	1 — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1"
13	80BS13HT	4.660	1"	3.5	1 — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 2"
14	80BS14HT	4.980	1½"	4.1	1 — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 2"
15	80BS15HT	5.300	1½"	5.2	1 — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 2"
16	80BS16HT	5.630	1½"	6.1	1 — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 2"
17	80BS17HT	5.950	1½"	7.0	1 — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 2 — 2½"
18	80BS18HT	6.270	1½"	7.8	1 — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 2 — 2½"
19	80BS19HT	6.590	1½"	8.3	1 — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 2 — 2½"
20	80BS20HT	6.910	1½"	9.5	1 — 1½" — 1½" — 1½" — 1½" — 1½" — 1½" — 2 — 2½"

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH

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

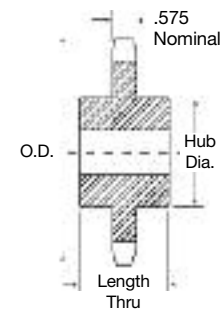


TYPE BS

Single-Type C — Steel

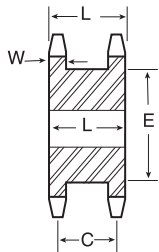
No. Teeth	Catalog Number	Outside Diameter	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
			Stock	Rec. Max.	Diameter	Length	
11	80C11	4.010	1	1½"	2 2/32*	2½"	3.87
12	80C12	4.330	1	1½"	3 1/8*	2½"	4.31
13	80C13	4.660	1	2"	3 3/16	2½"	5.32
14	80C14	4.980	1	2½"	3 1/2	2½"	6.44
15	80C15	5.300	1	2½"	3 3/8	2½"	7.75
16	80C16	5.630	1	2 5/16	4	2½"	8.81

* Has recessed groove in hub for chain clearance.



TYPE C

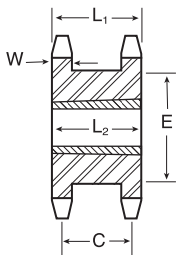
SPROCKETS



TYPE A

Double Single-Type A — Steel

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

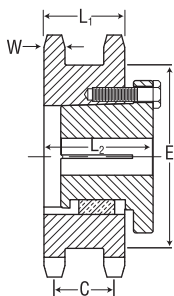


**TAPER BUSH
TYPE A**

Double Single-Taper Bushed — Steel

No. Teeth	Catalog Number	Bushing Size	Diameters		Min. Bore	Max. Bore	Type	Dimensions				Wt. Rim Only	
			Outside Diameter	Pitch Diameter				L ₁	C	E	L ₂		w Nom.
17	DS80ATB17H	2517	5.950	5.442	1/2	2 1/2	A	2 ³ / ₁₆	1 ¹ / ₂	4 ¹ / ₁₆	1 3/4	.575	7.6
18	DS80ATB18H	2517	6.270	5.759	1/2	2 1/2	A	2 ³ / ₁₆	1 ¹ / ₂	4 ¹ / ₁₆	1 3/4	.575	8.7
19	DS80ATB19H	3020	6.590	6.076	15/16	3	A	2 ³ / ₁₆	1 ¹ / ₂	4 ³ / ₁₆	2	.575	9.7
20	DS80ATB20H	3020	6.910	6.392	15/16	3	A	2 ³ / ₁₆	1 ¹ / ₂	5 ¹ / ₁₆	2	.575	10.0
21	DS80ATB21H	3020	7.240	6.710	15/16	3	A	2 ³ / ₁₆	1 ¹ / ₂	5 ³ / ₁₆	2	.575	12.0
22	DS80ATB22H	3020	7.560	7.027	15/16	3	A	2 ³ / ₁₆	1 ¹ / ₂	5 ⁹ / ₁₆	2	.575	13.0
23	DS80ATB23H	3020	7.880	7.344	15/16	3	A	2 ³ / ₁₆	1 ¹ / ₂	6 ¹ / ₁₆	2	.575	14.5

Sprockets with "H" suffix have hardened teeth.



**MST
TYPE B**

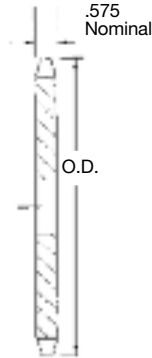
Double Single- MST® — Steel

No. Teeth	Catalog Number	Bushing Size	Diameters		Min. Bore	Max. Bore	Type	Dimensions				Wt. Rim Only	
			Outside Diameter	Pitch Diameter				L ₁	C	E	L ₂		w Nom.
17	DS80Q17H	Q1	5.950	5.442	3/4	2 1/16	B	2 ³ / ₁₆	1 ¹ / ₂	4 ¹ / ₁₆	3 ¹⁵ / ₁₆	.575	7.2
19	DS80Q19H	Q1	6.590	6.076	3/4	2 1/16	B	2 ³ / ₁₆	1 ¹ / ₂	4 ³ / ₁₆	3 ¹⁵ / ₁₆	.575	10.5
20	DS80Q20H	Q1	6.910	6.392	3/4	2 1/16	B	2 ³ / ₁₆	1 ¹ / ₂	5 ¹ / ₁₆	3 ¹⁵ / ₁₆	.575	12.2
21	DS80R21H	R1	7.240	6.710	1 ¹ / ₂	3 ³ / ₄	B	2 ³ / ₁₆	1 ¹ / ₂	5 ⁹ / ₁₆	3 ²³ / ₁₆	.575	12.8
23	DS80R23H	R1	7.880	7.344	1 ¹ / ₂	3 ³ / ₄	B	2 ³ / ₁₆	1 ¹ / ₂	6 ¹ / ₁₆	3 ²³ / ₁₆	.575	13.3

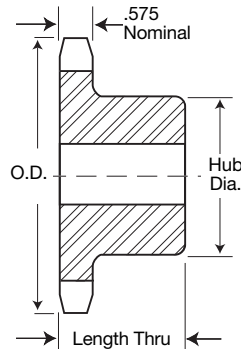
Sprockets with "H" suffix have hardened teeth.

No. 80 1" Pitch

Stainless Steel Stock Sprockets



TYPE A



TYPE B

SPROCKETS

Single-Type B & C

Single-Type A

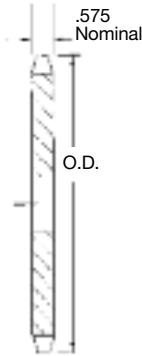
No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs (Approx.)	Type	Catalog Number	Stock Bore	Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru					
10	80B10SS	3.680	B	1	1½	2⅝*	1¾	2.2				
11	80B11SS	4.010	B	1	1¾	2⅞*	1¾	3.2				
12	80B12SS	4.330	B	1	1¾	3⅜*	1¾	3.4				
13	80B13SS	4.660	B	1	2	3	1½	3.5				
14	80B14SS	4.980	B	1	2¼	3¼	1½	4.1				
15	80B15SS	5.300	B	1	2½	3⅝	1½	5.3				
16	80B16SS	5.630	B	1	2¾	4	1½	5.9				
17	80B17SS	5.950	B	1	2¾	4	1½	6.6				
18	80B18SS	6.270	B	1	2¾	4¼	1½	7.3				
19	80B19SS	6.590	B	1	2¾	4¼	1½	7.8				
20	80B20SS	6.910	B	1	2¾	4¼	1½	8.4				
21	80B21SS	7.240	B	1	2¾	4¼	1¾	9.4	A	80A21SS	1⅝	4.9
22	80B22SS	7.560	B	1	2¾	4¼	1¾	10.0	A	80A22SS	1⅝	5.5
23	80B23SS	7.880	B	1	2¾	4¼	1¾	10.7	A	80A23SS	1⅝	6.3
24	80B24SS	8.200	B	1	2¾	4¼	1¾	11.3	A	80A24SS	1⅝	6.7
25	80B25SS	8.520	B	1	2¾	4¼	1¾	11.9	A	80A25SS	1⅝	7.2
26	80B26SS	8.840	B	1¼	3¼	4¾	2	14.3	A	80A26SS	1¾	7.8
30	80B30SS	10.110	B	1⅝	3¼	4¾	2	17.4	A	80A30SS	1¾	10.7
35	80B35SS	11.710	B	1⅝	3¼	4¾	2	22.1	A	80A35SS	1¾	14.8
40	80B40SS	13.310	B	1⅝	3¼	4¾	2	26.7	A	80A40SS	1¾	18.9

* Has recessed groove in hub for chain clearance.

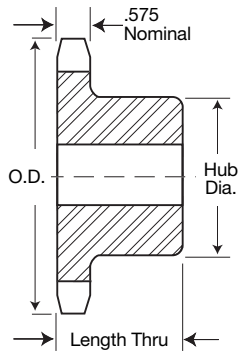
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

Single-Type B & C

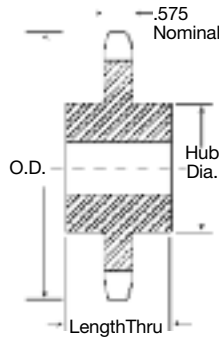
Single-Type A



TYPE A



TYPE B



TYPE C

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs (Approx.)	Type	Catalog Number	Stock Bore	Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru					
8	80B8	3.010	B	1	1	1 1/16*	1 1/2	1.4				
9	80B9	3.350	B	1	1 1/16	2 1/4*	1 1/2	1.6	A	80A9	1 1/16	.8
10	80B10	3.680	B	1	1 1/8	2 3/8*	1 1/2	2.2	A	80A10	1 1/8	1.0
11	80B11	4.010	B	1	1 1/4	2 7/8*	1 1/2	3.2	A	80A11	1 1/4	1.3
12	80B12	4.330	B	1	1 3/8	3 1/8*	1 1/2	3.4	A	80A12	1 3/8	1.5
13	80B13	4.660	B	1	2	3	1 1/2	3.5	A	80A13	1 3/8	1.8
14	80B14	4.980	B	1	2 1/8	3 1/2	1 1/2	4.1	A	80A14	1 3/8	2.2
15	80B15	5.300	B	1	2 1/4	3 5/8	1 1/2	5.3	A	80A15	1 3/8	2.5
16	80B16	5.630	B	1	2 3/8	4	1 1/2	5.9	A	80A16	1 3/8	2.9
17	80B17	5.950	B	1	2 1/2	4	1 1/2	6.6	A	80A17	1 3/8	3.3
18	80B18	6.270	B	1	2 3/4	4 1/4	1 1/2	7.3	A	80A18	1 3/8	3.7
19	80B19	6.590	B	1	2 5/8	4 1/2	1 1/2	7.8	A	80A19	1 3/8	4.1
20	80B20	6.910	B	1	2 3/4	4 1/2	1 1/2	8.4	A	80A20	1 3/8	4.7
21	80B21	7.240	B	1	2 5/8	4 1/2	1 1/2	9.4	A	80A21	1 3/8	4.9
22	80B22	7.560	B	1	2 3/4	4 1/2	1 1/2	10.0	A	80A22	1 3/8	5.5
23	80B23	7.880	B	1	2 5/8	4 1/2	1 1/2	10.7	A	80A23	1 3/8	6.3
24	80B24	8.200	B	1	2 3/4	4 1/2	1 1/2	11.3	A	80A24	1 3/8	6.7
25	80B25	8.520	B	1	2 5/8	4 1/2	1 1/2	11.9	A	80A25	1 3/8	7.2
26	80B26	8.840	B	1 1/4	3 1/4	4 1/2	2	14.3	A	80A26	1 3/8	7.8
27	80B27	9.160	B	1 1/4	3 1/2	4 1/2	2	15.4	A	80A27	1 3/8	8.6
28	80B28	9.480	B	1 1/4	3 3/4	4 1/2	2	16.0	A	80A28	1 3/8	9.3
29	80B29	9.800	B	1 1/4	3 3/4	4 1/2	2	17.1	A	80A29	1 3/8	9.8
30	80B30	10.110	B	1 1/4	3 3/4	4 1/2	2	17.4	A	80A30	1 3/8	10.7
31	80B31	10.430	B	1 1/4	3 3/4	4 1/2	2	18.7	A	80A31	1 3/8	11.3
32	80B32	10.750	B	1 1/4	3 3/4	4 1/2	2	19.5	A	80A32	1 3/8	12.1
33	80B33	11.070	B	1 1/4	3 3/4	4 1/2	2	19.6	A	80A33	1 3/8	13.6
34	80B34	11.390	B	1 1/4	3 3/4	4 1/2	2	21.3	A	80A34	1 3/8	14.3
35	80B35	11.710	B	1 1/4	3 3/4	4 1/2	2	22.1	A	80A35	1 3/8	14.8
36	80B36	12.030	B	1 1/4	3 3/4	4 1/2	2	23.1	A	80A36	1 3/8	16.1
37	80B37	12.350	B	1 1/4	3 3/4	4 1/2	2	23.8	A	80A37	1 3/8	16.8
38	80B38	12.670	B	1 1/4	3 3/4	4 1/2	2	24.7	A	80A38	1 3/8	17.2
39	80B39	12.990	B	1 1/4	3 3/4	4 1/2	2	25.6	A	80A39	1 3/8	17.9
40	80B40	13.310	B	1 1/4	3 3/4	4 1/2	2	26.7	A	80A40	1 3/8	18.9
41	80B41	13.630	B	1 1/4	3 3/4	4 1/2	2	27.8	A	80A41	1 1/2	21.0
42	80B42	13.940	B	1 1/4	3 3/4	4 1/2	2	28.7	A	80A42	1 1/2	21.8
43	80B43	14.260	B	1 1/4	3 3/4	4 1/2	2	29.4	A	80A43	1 1/2	23.6
44	80B44	14.580	B	1 1/4	3 3/4	4 1/2	2	29.9	A	80A44	1 1/2	24.3
45	80B45	14.900	B	1 1/4	3 3/4	4 1/2	2	31.4	A	80A45	1 1/2	25.2
46	80B46	15.220	B	1 1/4	3 3/4	4 1/2	2	33.1	A	80A46	1 1/2	26.6
47	80B47	15.540	B	1 1/4	3 3/4	4 1/2	2	34.0	A	80A47	1 1/2	26.4
48	80B48	15.860	B	1 1/4	3 3/4	4 1/2	2	35.5	A	80A48	1 1/2	27.8
49	80B49	16.180	B	1 1/4	3 3/4	4 1/2	2	35.8	A	80A49	1 1/2	28.9
50	80B50	16.500	B	1 1/4	3 3/4	4 1/2	2	37.3	A	80A50	1 1/2	30.9
51	80B51	16.810	B	1 1/4	3 3/4	4 1/2	2	38.6	A	80A51	1 1/2	32.2
52	80B52	17.130	B	1 1/4	3 3/4	4 1/2	2	39.4	A	80A52	1 1/2	33.0
53	80B53	17.450	B	1 1/4	3 3/4	4 1/2	2	41.3	A	80A53	1 1/2	34.9
54	80B54	17.770	B	1 1/4	3 3/4	5 1/4	2	44.7	A	80A54	1 1/2	36.6
55	80B55	18.090	B	1 1/4	3 1/2	5 1/4	2	45.6	A	80A55	1 1/2	37.5
56	80B56	18.410	B	1 1/4	3 3/4	5 1/4	2	47.5	A	80A56	1 1/2	39.4
57	80B57	18.730	B	1 1/4	3 3/4	5 1/4	2	48.5	A	80A57	1 1/2	40.4
58	80B58	19.040	B	1 1/4	3 3/4	5 1/4	2	50.5	A	80A58	1 1/2	41.3
59	80B59	19.360	B	1 1/4	3 3/4	5 1/4	2	52.1	A	80A59	1 1/2	42.9
60	80B60	19.680	B	1 1/4	3 3/4	5 1/4	2	54.5	A	80A60	1 1/2	45.3
65	80B65	21.270	B	1 1/4	3 3/4	5 1/4	2	61.8	A	80A65	1 1/2	52.2
70	80C70	22.870	C	1 1/2	4 1/4	6 1/4	3 1/2	75.7	A	80A70	1 1/2	59.8
72	80C72	23.500	C	1 1/2	4 1/4	6 1/4	3 1/2	81.4	A	80A72	1 1/2	65.7
76	80C76	24.780	C	1 1/2	4 1/4	6 1/4	3 1/2	87.8	A	80A76	1 1/2	70.2
80	80C80	26.050	C	1 1/2	4 1/4	6 1/4	3 1/2	89.9	A	80A80	1 1/2	79.6
84	80C84	27.330	C	1 1/2	4 1/4	6 1/4	3 1/2	99.2	A	80A84	1 1/2	86.1
90	80C90	29.240	C	1 1/2	4 1/4	6 1/4	3 1/2	106	A	80A90	1 1/2	101
96	80C96	31.150	C	1 1/2	4 1/4	6 1/4	3 1/2	117	A	80A96	1 1/2	120
112	80C112	36.240	C	1 1/2	4 1/4	6 1/4	3 1/2	154	A	80A112	1 1/2	165

* Has recessed groove in hub for chain clearance.

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

SPROCKETS

No. 80 1" Pitch

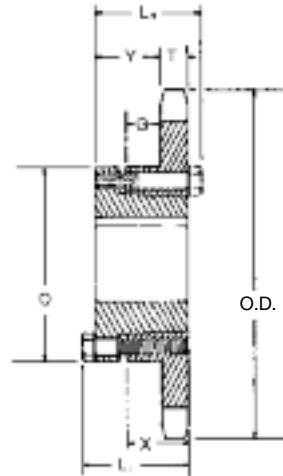
All Steel Stock Sprockets



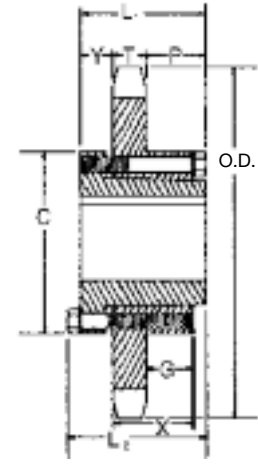
Single-Type QD With Hardened Teeth

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

**SABER
TOOTH®**



QD — TYPE B



QD — TYPE C

SPROCKETS

Single-Type QD

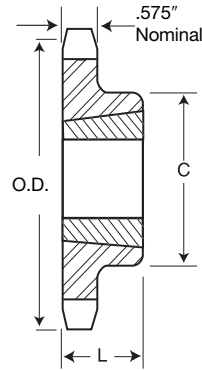
No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions							Weight (Approx.)		
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	G	X	T	With Hub	Rim Only
11	80SH11	SH	4.010	3.550	B	1%	1 ¹ / ₁₆	1 ¹ / ₁₆	2 ¹ / ₁₆	2 ¹ / ₃₂		1 ⁵ / ₆₄	1 ³ / ₁₆	.575	2.0	1.0
12	80SH12	SH	4.330	3.864	B	1%	1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

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Single-Taper Bushed with Hardened Teeth

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



TYPE B



SPROCKETS

Single-Taper Bushed

No. Teeth	Catalog Number	Bushing	Diameter		Max. Bore	Dimensions		Type	Weight (Approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
10	80BTB10	1215	3.678	3.236	1¼	1½	2½*	B	1.1	.8
11	80BTB11	1215	4.006	3.549	1¼	1½	2½*	B	1.5	.8
12	80BTB12	1615	4.332	3.864	1½	1½	3*	B	1.8	1.2
13	80BTB13	1615	4.657	4.179	1½	1½	3	B	2.3	1.2
14	80BTB14	1615	4.982	4.494	1½	1½	3½/2	B	2.5	1.2
15	80BTB15	1615	5.305	4.810	1½	1½	3½	B	2.7	1.2
16	80BTB16	2012	5.627	5.126	2	1¼	4	B	2.8	1.7
17	80BTB17	2012	5.950	5.442	2	1¼	4	B	3.1	1.7
18	80BTB18	2012	6.271	5.759	2	1¼	3¾	B	2.6	1.7
19	80BTB19	2012	6.593	6.076	2	1¼	3¾	B	4.1	1.7
20	80BTB20	2517	6.914	6.392	2½	1¼	4¼	B	5.5	1.7
21	80BTB21	2517	7.235	6.710	2½	1¼	4¼	B	6.0	3.5
22	80BTB22	2517	7.555	7.027	2½	1¼	4¼	B	6.5	3.5
23	80BTB23	2517	7.875	7.344	2½	1¼	4¼	B	7.0	3.5
24	80BTB24	2517	8.196	7.661	2½	1¼	4¼	B	7.5	3.5
25	80BTB25	2517	8.516	7.979	2½	1¼	4¼	B	8.1	3.5
26	80BTB26	2517	8.836	8.296	2½	1¼	4¼	B	8.8	3.5
27	80BTB27	2517	9.156	8.614	2½	1¼	4¼	B	9.0	3.5
28	80BTB28	2517	9.475	8.931	2½	1¼	4¼	B	9.5	3.5
30	80BTB30	2517	10.114	9.567	2½	1¼	4¼	B	11.5	3.5
32	80BTB32	2517	10.753	10.202	2½	1¼	4¼	B	12.0	3.5
35	80BTB35	2517	11.711	11.156	2½	1¼	4¼	B	15.2	3.5
36	80BTB36	2517	12.030	11.474	2½	1¼	4¼	B	17.0	3.5
40	80BTB40	2517	13.306	12.746	2½	1¼	4¼	B	21.0	3.5
45	80BTB45	2517	14.901	14.336	2½	1¼	4¼	B	26.5	3.5
48	80BTB48	2517	15.857	15.290	2½	1¼	4¼	B	29.5	3.5
54	80BTB54	2517	17.769	17.198	2½	1¼	4¼	B	38.5	3.5
60	80BTB60	2517	19.681	19.107	2½	1¼	4¼	B	45.0	3.5
70	80BTB70	3020	22.867	22.289	3	2	5¼	B	52.3	6.5
80	80BTB80	3020	26.052	25.471	3	2	5¼	B	69.2	6.5

* Has recessed groove in hub for chain clearance.

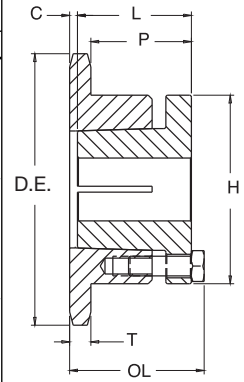
No. 80 1" Pitch

MST[®] Sprockets

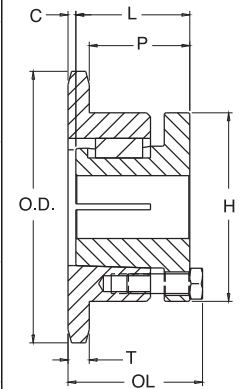
Martin

Single - MST[®] Sprockets

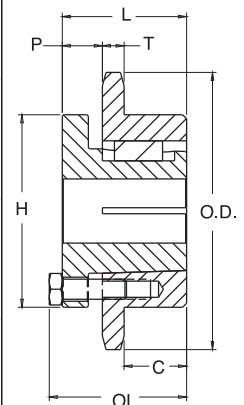
No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions						Weight (Approx.)	
			Outside Dia.	Pitch Dia.			OL	L	C	H	P	T(nom)	With Hub	Rim Only
10	80H10H	H	3.680	3.236	3	1-1/2	2-3/32	11/4	21/32	2-1/2	1-21/64	.575	2.8	2.0
11	80H11H	H	4.010	3.550	3	1-1/2	1-1/2	1-1/4	1/16	2-1/2	3/4	.575	2.1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



TIPO 3



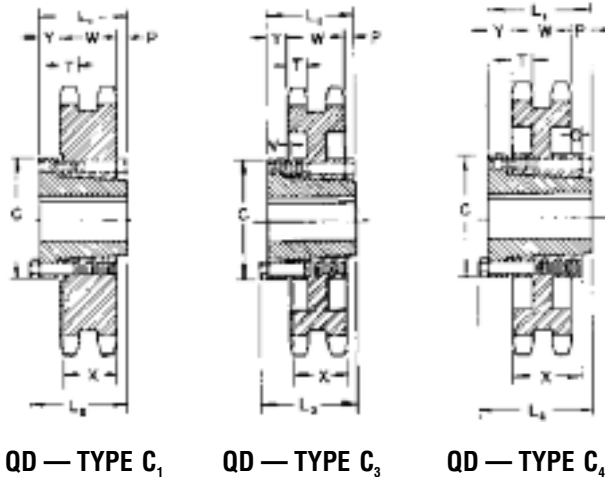
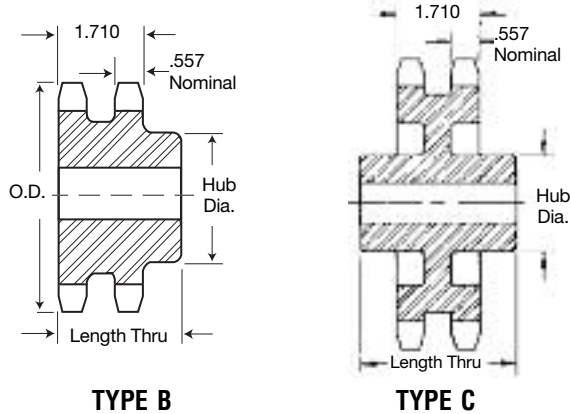
TYPE 4



TYPE 5

Sprockets with "H" suffix have hardened teeth.

Double-Type B & C



No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru	
10	D80B10H	3.680	B	1	1½	2⅞*	2½	3.6
11	D80B11H	4.010	B	1	1¾	2½	2½	4.0
12	D80B12H	4.330	B	1	1⅞	2⅞	2½	5.1
13	D80B13H	4.660	B	1	2¼	3⅞	2½	6.3
14	D80B14H	4.980	B	1	2½	3⅞	2½	7.6
15	D80B15H	5.300	B	1	2⅞	3⅞	2½	9.0
16	D80B16H	5.630	B	1	3¼	4	2½	11.0
17	D80B17H	5.950	B	1	3	4⅞	2½	13.2
18	D80B18H	6.270	B	1	3¼	4⅞	2½	15.0
19	D80B19H	6.590	B	1	3⅞	5	2½	17.0
20	D80B20H	6.910	B	1	3⅞	5	2½	18.2
21	D80B21H	7.240	B	1	3⅞	5	2½	19.6
22	D80B22H	7.560	B	1	3⅞	5	2½	21.0
23	D80B23H	7.880	B	1	3⅞	5	2½	22.8
24	D80B24H	8.200	B	1	3½	5½	2½	25.1
25	D80B25H	8.520	B	1	3½	5½	3	28.3
26	D80B26	8.840	B	1	3½	5½	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	3¾	54.2
42	D80B42	13.940	B	1¼	3¾	5¾	3¾	71.5
45	D80B45	14.900	B	1¼	3¾	5¾	3¾	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
95	D80C95	30.830	C	1½	4	6	4¼	165

* Has recessed groove in hub for chain clearance.

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

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

Alteration Charges

See current discount sheet for alteration charges.

Double-Type QD

No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions										Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	G	V	X	T	W	With Hub	Rim Only
36	D80E36	E	12.030	11.474	C1	3½	2%	2⅞	6	5/64	½			1%	.557	1.710	48.3	38.2
42	D80E42	E	13.940	13.382	C1	3½	2%	2⅞	6	5/64	½			1%	.557	1.710	65.3	55.3
45	D80E45	E	14.900	14.336	C1	3½	2%	2⅞	6	5/64	½			1%	.557	1.710	74.6	64.6
52	D80E52	E	17.130	16.562	C3	3½	2%	2⅞	6	5/64	½		3/32	1%	.557	1.710	68.2	58.2
60	D80E60	E	19.680	19.107	C3	3½	2%	2⅞	6	5/64	½		3/32	1%	.557	1.710	78.2	68.2
68	D80E68	E	22.230	21.653	C3	3½	2%	2⅞	6	5/64	½		3/32	1%	.557	1.710	84.2	74.2
76	D80E76	E	24.780	24.198	C3	3½	2%	2⅞	6	5/64	½		3/32	1%	.557	1.710	100	90.1
95	D80F95	F	30.830	30.245	C4	3⅞	3%	4	6%	1	5/64	5/64		2½	.557	1.710	152	140

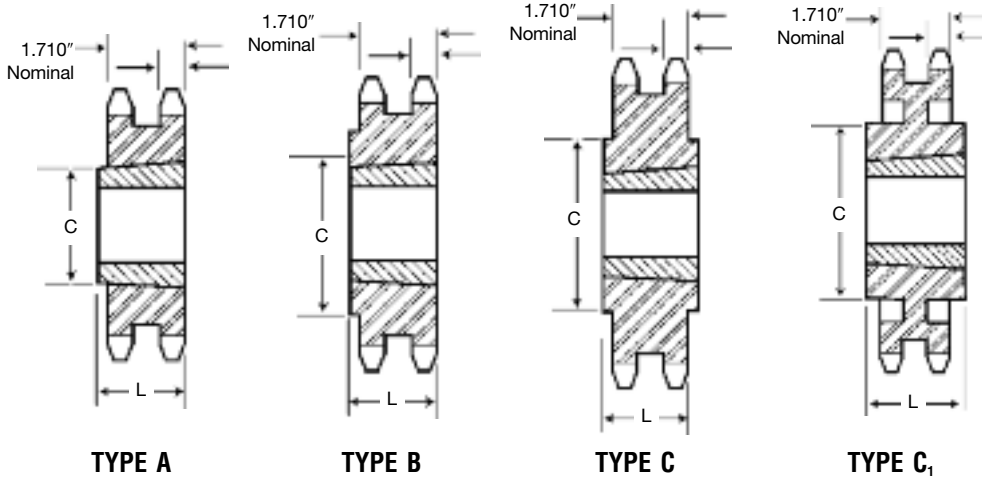
SPROCKETS

No. 80-2 1" Pitch

All Steel Stock Sprockets



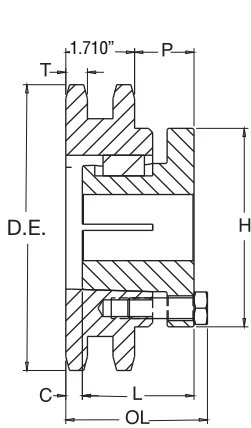
SPROCKETS



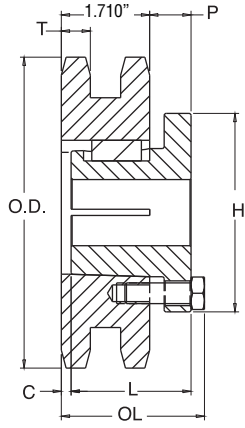
Double-Taper Bushed

No. Teeth	Catalog Number	Bushing	Diameter		Max. Bore	Dimensions		Type	Weight (Approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
13	D80ATB13H	1615	4.657	4.179	1%	1½		A	3.4	1.2
14	D80ATB14H	2012	4.982	4.494	2	1½		A	3.5	1.7
15	D80ATB15H	2012	5.305	4.810	2	1½		A	4.3	1.7
16	D80ATB16H	2517	5.627	5.126	2½	1½	3%	A	3.8	3.5
17	D80ATB17H	2517	5.950	5.442	2½	1½	3%	A	5.1	3.5
18	D80ATB18H	2517	6.271	5.759	2½	1½	3%	A	6.4	3.5
19	D80BTB19H	3020	6.593	6.076	3	2	5	B	5.6	6.5
20	D80BTB20H	3020	6.914	6.392	3	2	5½	B	7.1	6.5
21	D80BTB21H	3020	7.235	6.710	3	2	5¾	B	8.9	6.5
25	D80BTB25H	3020	8.516	7.979	3	2	6½	B	16.5	6.5
30	D80CTB30	3020	10.114	9.567	3	2	5½	C	25.1	6.5
36	D80CTB36	3020	12.030	11.474	3	2	5½	C	39.4	6.5
42	D80CTB42	3020	13.944	13.392	3	2	5½	C	36.4	6.5
45	D80CTB45	3020	14.901	14.336	3	2	5½	C1	41.4	6.5
52	D80CTB52	3020	17.132	16.562	3	2	5½	C1	56.2	6.5
60	D80CTB60	3020	19.681	19.107	3	2	5½	C1	66.3	6.5
68	D80CTB68	3020	22.230	21.653	3	2	5½	C1	72.0	6.5
76	D80CTB76	3020	24.778	24.198	3	2	5½	C1	89.1	6.5
95	D80CTB95	3020	30.828	30.245	3	2	5½	C1	112	6.5

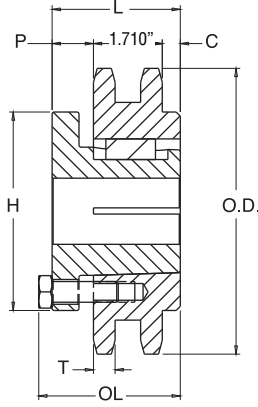
NOTE: Double 80 stock sprockets with 25 teeth or less have hardened teeth. As indicated by H suffix.



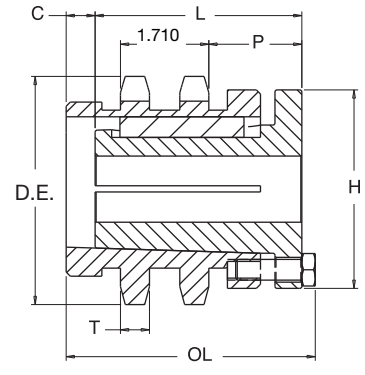
TIPO 12



TYPE 13



TYPE 15



TIPO 16

Double- MST[®] Sprockets

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

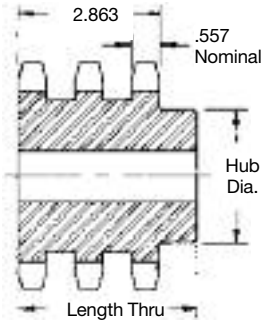
Sprockets with "H" suffix have hardened teeth.

No. 80-3 1" Pitch

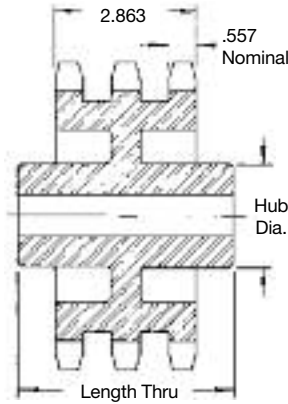
All Steel Stock Sprockets



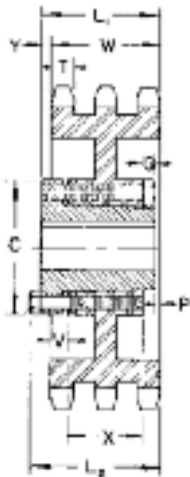
SPROCKETS



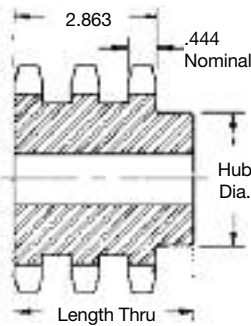
TYPE B



TYPE C



QD — TYPE B₁



TYPE B

Triple-Type B & C

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru	
11	E80B11H	4.010	B	1	1%	2½	3%	5.9
12	E80B12H	4.330	B	1	1%	2 ⁷ / ₃₂	3%	7.5
13	E80B13H	4.660	B	1	2%	3 ³ / ₃₂	3%	9.2
14	E80B14H	4.980	B	1	2%	3 ⁵ / ₃₂	3%	11.0
15	E80B15H	5.300	B	1	2½	3 ³ / ₁₆	3%	13.1
16	E80B16H	5.630	B	1	2½	4	3%	15.8
17	E80B17H	5.950	B	1	3	4 ⁷ / ₆₄	3%	18.6
18	E80B18H	6.270	B	1	3%	4 ⁴ / ₆₄	3%	21.2
19	E80B19H	6.590	B	1	3 ³ / ₁₆	5	3%	23.7
20	E80B20H	6.910	B	1	3 ³ / ₁₆	5	3%	26.0
21	E80B21H	7.240	B	1	3 ³ / ₁₆	5	3%	28.4
22	E80B22H	7.560	B	1	3 ³ / ₁₆	5	3%	31.0
23	E80B23H	7.880	B	1	3 ³ / ₁₆	5	3%	33.6
24	E80B24H	8.200	B	1	3½	5½	3%	37.1
25	E80B25H	8.520	B	1	3½	5½	3%	40.1
26	E80B26	8.840	B	1	3½	5½	3%	42.9
30	E80B30	10.110	B	1½	3%	5%	4%	54.5
35	E80B35	11.710	B	1½	3%	5%	4%	79.5
36	E80B36	12.030	B	1½	3%	5%	4%	83.9
42	E80C42	13.940	C	1½	3 ³ / ₁₆	6	4½	84.9
45	E80C45	14.900	C	1½	3 ³ / ₁₆	6	4½	92.4
52	E80C52	17.130	C	1½	3 ³ / ₁₆	6	4½	107
60	E80C60	19.680	C	1½	4%	6%	4%	128
68	E80C68	22.230	C	1½	4%	6%	4%	140
76	E80C76	24.780	C	1½	4%	6%	4%	165
95	E80C95	30.830	C	1½	4%	6%	5	240

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

TYPE QD



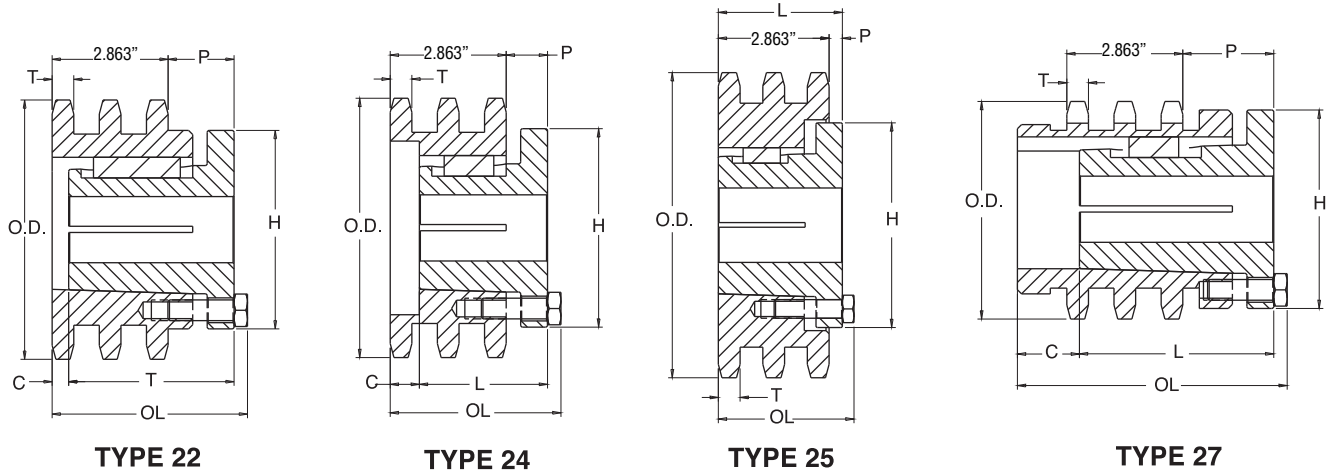
NOTE: Triple 80 stock sprockets with 25 teeth or less have hardened teeth.

Alteration Charges

See current discount sheet for alteration charges.

Triple-Type QD

No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions										Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	G	V	X	T	W	With Hub	Rim Only
36	E80E36	E	12.030	11.474	B	3½	3 ³ / ₁₆	3 ⁷ / ₁₆	6	¼	3 ³ / ₁₆	½	¾	1%	.557	2.863	65.1	55.1
42	E80E42	E	13.940	13.382	B	3½	3 ³ / ₁₆	3 ⁷ / ₁₆	6	¼	3 ³ / ₁₆	½	¾	1%	.557	2.863	81.9	71.9
45	E80E45	E	14.900	14.336	B1	3½	3 ³ / ₁₆	3 ⁷ / ₁₆	6	¼	3 ³ / ₁₆	½	¾	1%	.557	2.863	75.3	65.3
52	E80E52	E	17.130	16.562	B1	3½	3 ³ / ₁₆	3 ⁷ / ₁₆	6	¼	3 ³ / ₁₆	½	¾	1%	.557	2.863	90.0	80.0
60	E80F60	F	19.680	19.107	B1	3 ³ / ₁₆	3 ³ / ₁₆	4 ³ / ₁₆	6%	1 ³ / ₁₆	¾	½	¾	2%	.557	2.863	112	100
68	E80F68	F	22.230	21.653	B1	3 ³ / ₁₆	3 ³ / ₁₆	4 ³ / ₁₆	6%	1 ³ / ₁₆	¾	½	¾	2%	.557	2.863	132	120
76	E80F76	F	24.780	24.198	B1	3 ³ / ₁₆	3 ³ / ₁₆	4 ³ / ₁₆	6%	1 ³ / ₁₆	¾	½	¾	2%	.557	2.863	150	138
95	E80F95	F	30.830	30.245	B1	3 ³ / ₁₆	3 ³ / ₁₆	4 ³ / ₁₆	6%	1 ³ / ₁₆	¾	½	¾	2%	.557	2.863	208	196



Triple - MST[®] Sprockets

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

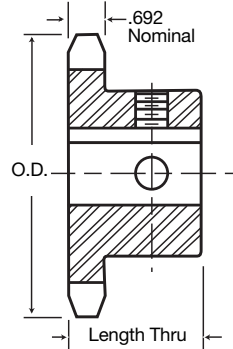
Sprockets with "H" suffix have hardened teeth.

No. 100 1 1/4" Pitch

All Steel Stock Sprockets



BORED-TO-SIZE



TYPE BS

SPROCKETS

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

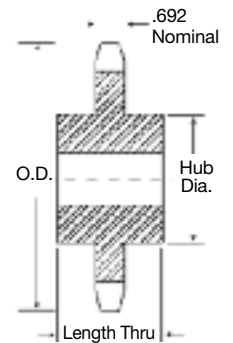
No. Teeth	Catalog Number	Outside Diameter	Length Thru Bore	Weight Lbs. (Approx.)	Stock Finished Bores Includes Keyway and Setscrews
8	100BS8	3.770	1 1/8	2.8	1 - 1 1/8 - 1 1/4
9	100BS9	4.180	1 1/8	3.0	1 - 1 1/8 - 1 1/4 - 1 1/8
10	100BS10	4.600	1 1/8	3.9	1 - 1 1/8 - 1 1/4 - 1 1/8
11	100BS11	5.010	1 1/8	4.9	1 - 1 1/8 - 1 1/4 - 1 1/8 - 1 1/8 - 2 - 2 1/8
12	100BS12	5.420	1 1/8	6.0	1 - 1 1/8 - 1 1/4 - 1 1/8 - 1 1/8 - 2 - 2 1/8
13	100BS13	5.820	1 1/8	6.2	1 - 1 1/8 - 1 1/4 - 1 1/8 - 1 1/8 - 2 - 2 1/8
14	100BS14	6.230	1 1/8	6.6	- 1 1/8 - 1 1/8 - 1 1/8 - 2 - 2 1/8
15	100BS15	6.630	1 1/8	8.4	- 1 1/8 - 1 1/8 - 2 - 2 1/8
16	100BS16	7.030	1 1/8	9.0	- 1 1/8 - 1 1/8 - 2 - 2 1/8 - 2 1/8 - 2 1/8
17	100BS17	7.440	1 1/8	9.9	- 1 1/8 - 1 1/8 - 2 - 2 1/8 - 2 1/8 - 2 1/8
18	100BS18	7.840	1 1/2	10.6	- 1 1/8 - 1 1/8 - 2 - 2 1/8 - 2 1/8 - 2 1/8
19	100BS19	8.240	2	12.1	- 1 1/8 - 1 1/8 - 2 - 2 1/8 - 2 1/8 - 2 1/8
20	100BS20	8.640	2	13.2	- 1 1/8 - 1 1/8 - 2 - 2 1/8 - 2 1/8 - 2 1/8
21	100BS21	9.040	2	14.3	- 1 1/8 - 1 1/8 - 2 - 2 1/8 - 2 1/8 - 2 1/8
22	100BS22	9.440	2	15.1	- 1 1/8 - 1 1/8 - 2 - 2 1/8 - 2 1/8 - 2 1/8
23	100BS23	9.840	2	16.1	- 1 1/8 - 1 1/8 - 2 - 2 1/8 - 2 1/8 - 2 1/8
24	100BS24	10.250	2	18.1	- 1 1/8 - 1 1/8 - 2 - 2 1/8 - 2 1/8 - 2 1/8
25	100BS25	10.650	2	18.4	- 1 1/8 - 1 1/8 - 2 - 2 1/8 - 2 1/8 - 2 1/8

Hub diameters vary to suit different bore sizes.

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

Single-Type C — Steel

No. Teeth	Catalog Number	Outside Diameter	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
			Stock	Rec. Max.	Diameter	Length	
10	100C10	4.600	1	1 1/8	3 3/8	2 1/8	6.13
11	100C11	5.010	1	2 1/8	3 1/8	2 1/8	7.12
12	100C12	5.420	1	2 1/8	4	2 1/8	8.37
13	100C13	5.820	1	2 1/8	3 7/8	2 1/8	10.00
14	100C14	6.230	1	2 1/8	4 1/8	2 1/8	12.19

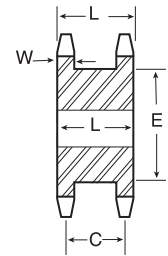


TYPE C



Double Single-Type A — Steel

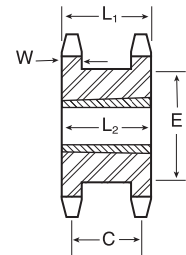
No. Teeth	Catalog Number	Diameters		Type	Min. Bore	Max. Bore	Dimensions				Wt. (Approx.)
		Outside Diameter	Pitch Diameter				L	C	E	w Nom.	
13	DS100A13	5.820	5.223	A	1	2 1/2	2 1/16	2	3 5/32	.692	11.2
14	DS100A14	6.230	5.617	A	1 1/4	2 3/4	2 1/16	2	4 1/16	.692	13.5
15	DS100A15	6.630	6.012	A	1 1/4	3 1/16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



TYPE A

Double Single-Taper Bushed — Steel

No. Teeth	Catalog Number	Bushing Size	Diameters		Min. Bore	Max. Bore	Type	Dimensions				Wt. Rim Only	
			Outside Diameter	Pitch Diameter				L ₁	C	E	L ₂		w Nom.
15	DS100ATB15H	2517	6.630	6.012	3/4	2 1/2	A	2 1/16	2	4 19/32	1 1/4	.692	12.5
16	DS100ATB16H	2517	7.030	6.407	3/4	2 1/2	A	2 1/16	2	5	1 1/4	.692	13.0
17	DS100ATB17H	3020	7.440	6.803	1 1/16	3	A	2 1/16	2	5 1/32	2	.692	14.0
18	DS100ATB18H	3020	7.840	7.198	1 1/16	3	A	2 1/16	2	5 5/64	2	.692	16.0
19	DS100ATB19H	3020	8.240	7.595	1 1/16	3	A	2 1/16	2	6 1/64	2	.692	20.0
20	DS100ATB20H	3020	8.640	7.991	1 1/16	3	A	2 1/16	2	6 39/64	1 1/4	.692	27.5
21	DS100ATB21H	3020	9.040	8.387	1 1/16	3	A	2 1/16	2	7	2	.692	27.5



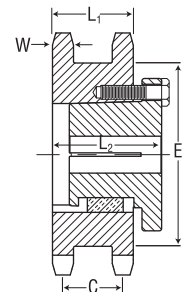
TAPER BUSH
TYPE A

Sprockets with "H" suffix have hardened teeth.

Double Single- MST® — Steel

No. Teeth	Catalog Number	Bushing Size	Diameters		Min. Bore	Max. Bore	Type	Dimensions				Wt. Rim Only	
			Outside Diameter	Pitch Diameter				L ₁	C	E	L ₂		w Nom.
17	DS100R17H	R1	7.440	6.803	1 1/8	3 3/8	B	2 1/16	2	5 1/32	3 27/32	.692	12.5
19	DS100R19H	R1	8.240	7.595	1 1/8	3 3/8	B	2 1/16	2	6 1/64	3 27/32	.692	18.8
21	DS100R21H	R1	9.040	8.387	1 1/8	3 3/8	B	2 1/16	2	7	3 27/32	.692	23.1

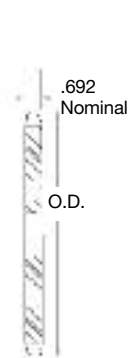
Sprockets with "H" suffix have hardened teeth.



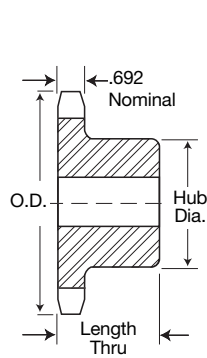
MST
TYPE B

No. 100 1 1/4" Pitch

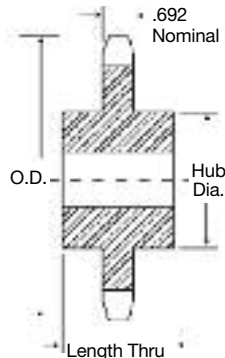
Stainless Steel Stock Sprockets



TYPE A



TYPE B



TYPE C

SPROCKETS

Single-Type B & C

Single-Type A

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)	Type	Catalog Number	Stock Bore	Weight Lbs. (Approx.)
				Stock	Rec. Max.	Diameter	Length Thru					
11	100B11SS	5.010	B	1	2 1/4	3 5/16*	1 1/8	5.3				
12	100B12SS	5.420	B	1	2 1/4	4*	1 1/8	6.4				
13	100B13SS	5.820	B	1	2 3/8	3 3/8	1 1/8	6.6				
14	100B14SS	6.230	B	1 1/4	2 3/4	4 5/16	1 1/8	7.4				
15	100B15SS	6.630	B	1 1/4	3	4 1/2	1 1/8	9.2				
16	100B16SS	7.030	B	1 5/16	3	4 1/2	1 1/8	9.9	A	100A16SS	1 1/4	5.4
17	100B17SS	7.440	B	1 5/16	3	4 1/2	1 1/8	10.8	A	100A17SS	1 1/4	6.1
18	100B18SS	7.840	B	1 5/16	3	4 1/2	1 1/8	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

* Has recessed groove in hub for chain clearance.

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

Alteration Charges

See current discount sheet for alteration charges.

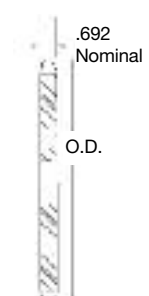
Single-Type B & C

Single-Type A

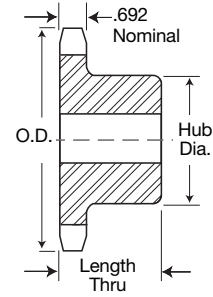
No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)	Type	Catalog Number	Stock Bore	Weight Lbs. (Approx.)
				Stock	Rec. Max.	Diameter	Length Thru					
7		3.350							A	100A7	1	1.2
8	100B8	3.770	B	1	1 1/4	2 5/16*	1 1/8	2.3	A	100A8	1	1.4
9	100B9	4.180	B	1	1 1/2	2 3/8*	1 1/8	3.2	A	100A9	1	1.6
10	100B10	4.600	B	1	1 5/8	3 1/8*	1 1/8	4.1	A	100A10	1	2.0
11	100B11	5.010	B	1	2 1/4	3 3/8*	1 1/8	5.3	A	100A11	1 1/4	2.5
12	100B12	5.420	B	1	2 1/2	4*	1 1/8	6.4	A	100A12	1 1/4	3.0
13	100B13	5.820	B	1	2 3/4	3 1/2	1 1/8	6.6	A	100A13	1 1/4	3.5
14	100B14	6.230	B	1 1/4	2 3/4	4 1/8	1 1/8	7.4	A	100A14	1 1/4	4.1
15	100B15	6.630	B	1 1/4	3	4 1/2	1 1/8	9.2	A	100A15	1 1/4	4.7
16	100B16	7.030	B	1 1/4	3	4 1/2	1 1/8	9.9	A	100A16	1 1/4	5.4
17	100B17	7.440	B	1 1/4	3	4 1/2	1 1/8	10.8	A	100A17	1 1/4	6.1
18	100B18	7.840	B	1 1/4	3	4 1/2	1 1/8	11.5	A	100A18	1 1/4	7.0
19	100B19	8.240	B	1 1/4	3	4 1/2	2	13.1	A	100A19	1 1/4	7.8
20	100B20	8.640	B	1 1/4	3	4 1/2	2	14.2	A	100A20	1 1/4	8.8
21	100B21	9.040	B	1 1/4	3	4 1/2	2	15.3	A	100A21	1 1/4	9.8
22	100B22	9.440	B	1 1/4	3	4 1/2	2	16.1	A	100A22	1 1/4	10.5
23	100B23	9.840	B	1 1/4	3	4 1/2	2	17.2	A	100A23	1 1/4	11.8
24	100B24	10.250	B	1 1/4	3	4 1/2	2	19.2	A	100A24	1 1/4	12.8
25	100B25	10.650	B	1 1/4	3	4 1/2	2	19.5	A	100A25	1 1/4	13.9
26	100B26	11.050	B	1 1/4	3 3/8	5	2	21.7	A	100A26	1 1/4	15.0
27	100B27	11.440	B	1 1/4	3 3/8	5	2	23.0	A	100A27	1 1/4	16.0
28	100B28	11.840	B	1 1/4	3 3/8	5	2	24.4	A	100A28	1 1/4	17.4
29	100B29	12.240	B	1 1/4	3 3/8	5	2	25.0	A	100A29	1 1/4	19.6
30	100B30	12.640	B	1 1/4	3 3/8	5	2	26.9	A	100A30	1 1/4	20.1
31		13.040							A	100A31	1 1/4	21.5
32	100B32	13.440	B	1 1/4	3 3/8	5	2	29.8	A	100A32	1 1/4	22.6
33		13.840							A	100A33	1 1/4	24.1
34		14.240							A	100A34	1 1/4	26.0
35	100B35	14.640	B	1 1/4	3 3/8	5	2 1/2	36.9	A	100A35	1 1/4	27.2
36	100B36	15.040	B	1 1/4	3 3/8	5	2 1/2	38.6	A	100A36	1 1/4	30.0
37		15.440							A	100A37	1 1/4	31.0
38	100B38	15.840	B	1 1/4	3 3/8	5	2 1/2	41.5	A	100A38	1 1/4	33.0
39	100B39	16.230	B	1 1/4	3 3/8	5	2 1/2	43.6	A	100A39	1 1/4	35.0
40	100B40	16.630	B	1 1/4	3 3/8	5	2 1/2	46.9	A	100A40	1 1/4	36.0
41		17.030							A	100A41	1 1/4	39.0
42	100B42	17.430	B	1 1/4	3 3/8	5	2 1/2	50.4	A	100A42	1 1/4	40.0
43		17.830							A	100A43	1 1/2	43.0
44		18.230							A	100A44	1 1/2	45.0
45	100B45	18.630	B	1 1/4	3 3/8	5	2 1/2	54.0	A	100A45	1 1/2	47.0
46		19.020							A	100A46	1 1/2	48.0
47		19.420							A	100A47	1 1/2	52.0
48	100B48	19.820	B	1 1/2	4	6	2 1/2	66.0	A	100A48	1 1/2	54.0
49		20.220							A	100A49	1 1/2	56.0
50		20.620							A	100A50	1 1/2	57.0
51		21.020							A	100A51	1 1/2	63.0
52		21.420							A	100A52	1 1/2	64.0
53		21.810							A	100A53	1 1/2	64.2
54	100C54	22.210	C	1 1/2	4	6	3 1/4	78.0	A	100A54	1 1/2	68.0
55		22.610							A	100A55	1 1/2	70.0
56		23.010							A	100A56	1 1/2	72.0
57		23.410							A	100A57	1 1/2	75.8
58		23.810							A	100A58	1 1/2	76.0
59		24.200							A	100A59	1 1/2	77.0
60	100C60	24.600	C	1 1/2	4	6	3 3/4	89.0	A	100A60	1 1/2	80.0
70	100C70	28.580	C	1 1/2	5 1/4	7	3 3/4	125	A	100A70	1 1/2	113
72	100C72	29.380	C	1 1/2	5 1/4	7	3 3/4	134	A	100A72	1 1/2	119
76	100C76	30.973	C	1 1/2	5 1/4	7	3 3/4	143	A	100A76	1 1/2	133
80	100C80	32.570	C	1 1/2	5 1/4	7	3 3/4	151	A	100A80	1 1/2	146
84	100C84	34.160	C	1 1/2	5 1/4	7	3 3/4	170	A	100A84	1 1/2	162
90	100C90	36.550	C	1 1/2	5 1/4	7	3 3/4	184	A	100A90	1 1/2	193
96	100C96	38.930	C	1 1/2	5 1/4	7	4 1/4	203	A	100A96	1 1/2	215

* Has recessed groove in hub for chain clearance.

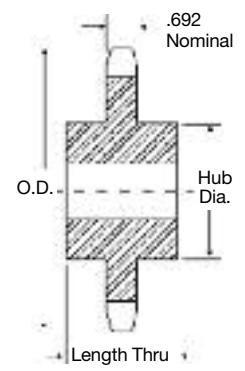
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.



TYPE A



TYPE B



TYPE C

Alteration Charges

See current discount sheet for alteration charges.

No. 100

1 1/4" Pitch

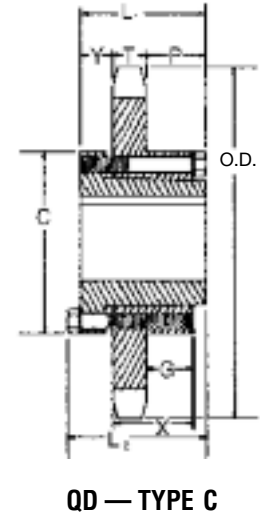
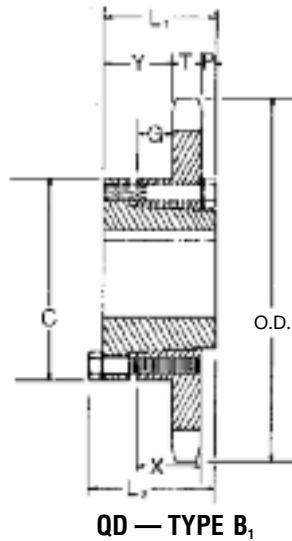
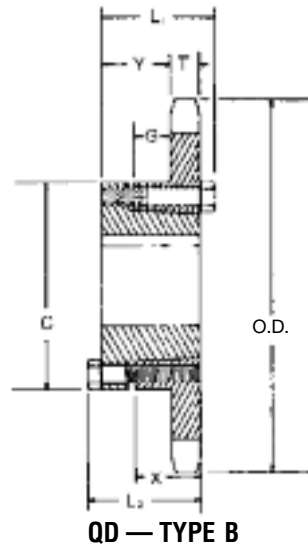
All Steel Stock Sprockets



Single-Type QD With Hardened Teeth

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

SABER TOOTH®



Single-Type QD

No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions							Weight (Approx.)		
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	G	X	T	With Hub	Rim Only
11	100SDS11	SDS	5.010	4.437	B	2	1 1/2	1 1/2	3 3/16	5/8		1/16	3/4	.692	3.0	2.0
12	100SDS12	SDS	5.420	4.830	B	2	1 1/2	1 1/2	3 3/16	5/8		1/16	3/4	.692	3.6	2.6
13	100SK13	SK	5.820	5.223	B	2 1/2	2 1/2	2 1/2	3 3/8	1 1/4		3/16	1 1/4	.692	5.3	3.3
14	100SK14	SK	6.230	5.617	B	2 1/2	2 1/2	2 1/2	3 3/8	1 1/4		3/16	1 1/4	.692	6.1	4.1
15	100SF15	SF	6.630	6.012	B	2 15/16	2 1/4	2 1/4	4 1/4	1 15/16		3/16	1 1/4	.692	7.8	4.8
16	100SF16	SF	7.030	6.407	B	2 15/16	2 1/4	2 1/4	4 1/4	1 15/16		3/16	1 1/4	.692	8.6	5.6
17	100SF17	SF	7.440	6.803	B	2 15/16	2 1/4	2 1/4	4 1/4	1 15/16		3/16	1 1/4	.692	9.5	6.5
18	100E18	E	7.840	7.198	B1	3 1/2	2 1/2	2 15/16	6	1 15/16	1/2	15/16	1 1/4	.692	19.0	9.0
19	100E19	E	8.240	7.595	B1										20.2	10.2
20	100E20	E	8.640	7.991	B1										21.6	11.6
21	100E21	E	9.040	8.387	B1										22.5	12.5
22	100E22	E	9.440	8.783	B1										23.5	13.5
23	100E23	E	9.840	9.180	B1										24.6	14.6
24	100E24	E	10.250	9.577	B1										25.7	15.7
25	100E25	E	10.650	9.973	B1										26.8	16.8
26	100E26	E	11.050	10.370	B1										28.1	18.1
27	100E27	E	11.440	10.767	B1										29.2	19.2
28	100E28	E	11.840	11.164	B1										30.7	20.7
30	100E30	E	12.640	11.958	B1										33.2	23.2
32	100E32	E	13.440	12.753	B1										35.4	25.4
35	100E35	E	14.640	13.945	B1										40.5	30.5
36	100E36	E	15.040	14.342	B1										42.5	32.3
40	100E40	E	16.630	15.932	B1										49.1	39.1
42	100E42	E	17.430	16.727	B1										53.4	43.4
45	100E45	E	18.630	17.920	B1										58.9	48.9
48	100E48	E	19.820	19.112	B1	3 1/2	2 1/2	2 15/16	6	1 15/16	1/2	15/16	1 1/4	.692	64.0	54.0
54	100E54	E	22.210	21.498	C	3 1/2	2 1/2	2 15/16	6	7/8	1 1/16	15/16	1 1/4	.692	72.0	62.0
60	100E60	E	24.600	23.884	C	3 1/2	2 1/2	2 15/16	6	7/8	1 1/16	15/16	1 1/4	.692	84.0	74.0
70	100F70	F	28.580	27.862	C	3 15/16	3 1/2	4	6 1/2	1	1 15/16	1 15/16	2 1/2	.692	110.5	99.0
72	100F72	F	29.380	28.657	C										117.5	106
80	100F80	F	32.570	31.839	C										134.5	123
84	100F84	F	34.160	33.430	C	3 15/16	3 1/2	4	6 1/2	1	1 15/16	1 15/16	2 1/2	.692	151.5	140

SPROCKETS

Single-Taper Bushed with Hardened Teeth

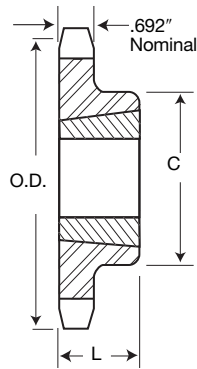
No. Teeth	Catalog Number
11	100BTB11H
12	100BTB12H
13	100BTB13H
14	100BTB14H
15	100BTB15H
16	100BTB16H
17	100BTB17H
18	100BTB18H
19	100BTB19H
20	100BTB20H
21	100BTB21H
22	100BTB22H
24	100BTB24H
26	100BTB26H
28	100BTB28H
30	100BTB30H

**SABER
TOOTH®**



SPROCKETS

Single-Taper Bushed



TYPE B

No. Teeth	Catalog Number	Bushing	Diameter		Max. Bore	Dimensions		Type	Weight (Approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
11	100BTB11	1615	5.007	4.437	1%	1½	3	B	2.7	1.2
12	100BTB12	1615	5.415	4.830	1%	1½	3¼	B	3.5	1.2
13	100BTB13	2012	5.821	5.223	2	1¼	3⅝	B	3.6	1.7
14	100BTB14	2012	6.227	5.617	2	1¼	3⅝	B	3.9	1.7
15	100BTB15	2517	6.631	6.012	2½	1¼	4¼	B	5.0	3.5
16	100BTB16	2517	7.034	6.407	2½	1¼	4¼	B	6.4	3.5
17	100BTB17	2517	7.437	6.803	2½	1¼	4¼	B	7.1	3.5
18	100BTB18	2517	7.839	7.198	2½	1¼	4¼	B	7.8	3.5
19	100BTB19	2517	8.241	7.594	2½	1¼	4¼	B	8.7	3.5
20	100BTB20	2517	8.642	7.991	2½	1¼	4¼	B	9.6	3.5
21	100BTB21	2517	9.043	8.387	2½	1¼	4¼	B	10.6	3.5
22	100BTB22	2517	9.444	8.783	2½	1¼	4¼	B	11.0	3.5
24	100BTB24	2517	10.245	9.577	2½	1¼	4¼	B	13.0	3.5
26	100BTB26	2517	11.045	10.370	2½	1¼	4¼	B	15.0	3.5
28	100BTB28	3020	11.844	11.164	3	2	5¼	B	16.5	6.5
30	100BTB30	3020	12.643	11.958	3	2	5¼	B	22.0	6.5
32	100BTB32	3020	13.442	12.753	3	2	5¼	B	23.0	6.5
35	100BTB35	3020	14.639	13.945	3	2	5¼	B	28.0	6.5
36	100BTB36	3020	15.038	14.342	3	2	5¼	B	31.0	6.5
40	100BTB40	3020	16.633	15.932	3	2	5¼	B	37.0	6.5
45	100BTB45	3020	18.626	17.919	3	2	5¼	B	46.0	6.5
48	100BTB48	3020	19.821	19.112	3	2	5¼	B	53.0	6.5
54	100BTB54	3020	22.212	21.498	3	2	5¼	B	62.0	6.5
60	100BTB60	3020	24.601	23.884	3	2	5¼	B	72.0	6.5

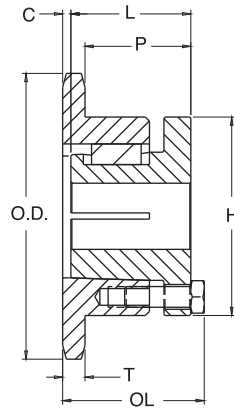
No. 100

1/4" Pitch

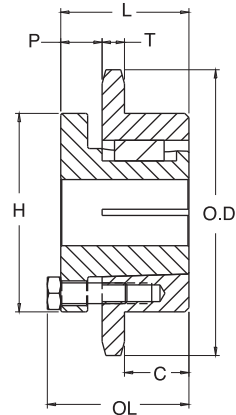
MST[®]

Sprockets

Martin



TYPE 4



TYPE 5

Single - MST[®] Sprockets

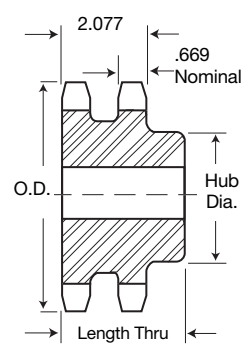
No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions						Weight (Approx.)	
			Outside Dia.	Pitch Dia.			OL	L	C	H	P	T(nom)	With Hub	Rim Only
11	100P11H	P1	5.010	4.437	4	1-3/4	2-3/16	1-15/16	0	3	1-1/4	.692	4.1	2.8
12	100Q12H	Q1	5.420	4.830	4	2-11/16	2-27/32	2-1/2	1/16	4-1/8	1-7/8	.692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

Sprockets with "H" suffix have hardened teeth.

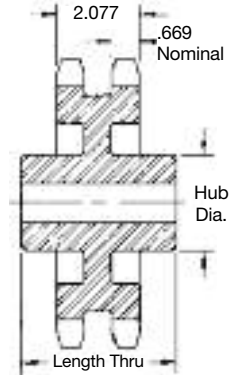
Double-Type B & C

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru	
9	D100B9	4.180	B	1	1 1/2	2 1/2	2 1/2	4.6
10	D100B10	4.600	B	1	1 1/2	2 1/2	2 1/2	6.2
11	D100B11	5.010	B	1	2 1/2	3 1/2	2 1/2	7.9
12	D100B12	5.420	B	1 1/2	2 1/2	3 1/2	2 1/2	9.3
13	D100B13	5.820	B	1 1/2	2 1/2	3 13/16	2 1/2	11.4
14	D100B14	6.230	B	1 1/2	2 1/2	4 1/16	2 1/2	13.6
15	D100B15	6.630	B	1 1/4	3 1/2	4 5/8	3 1/2	17.1
16	D100B16	7.030	B	1 1/4	3 1/2	5	3 1/2	20.1
17	D100B17	7.440	B	1 1/4	3 1/2	5 1/4	3 1/2	23.1
18	D100B18	7.840	B	1 1/4	3 1/2	5 3/4	3 1/2	25.4
19	D100B19	8.240	B	1 1/4	3 1/2	5 1/2	3 1/2	29.6
20	D100B20	8.640	B	1 1/4	3 1/2	5 1/2	3 1/2	32.4
21	D100B21	9.040	B	1 1/4	3 1/2	5 1/2	3 1/2	35.3
22	D100B22	9.440	B	1 1/4	3 1/2	5 1/2	3 1/2	38.4
23	D100B23	9.840	B	1 1/4	3 1/2	5 1/2	3 1/2	41.3
24	D100B24	10.250	B	1 1/4	3 1/2	5 1/2	3 1/2	45.1
25	D100B25	10.650	B	1 1/4	3 1/2	5 1/2	3 1/2	48.5
26	D100B26	11.050	B	1 1/2	3 1/2	5 1/2	3 1/2	51.5
30	D100B30	12.640	B	1 1/2	3 1/2	5 1/2	3 1/2	65.0
35	D100C35	14.640	C	1 1/2	3 3/16	6	4 1/4	75.0
45	D100C45	18.630	C	1 1/2	3 3/16	6	4 1/2	103
60	D100C60	24.600	C	1 1/2	5	7 1/2	5	175
70	D100C70	28.580	C	1 1/2	5	7 1/2	5	197
80	D100C80	32.570	C	1 1/2	5	7 1/2	5	231

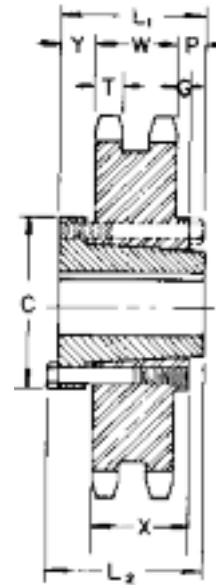
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.



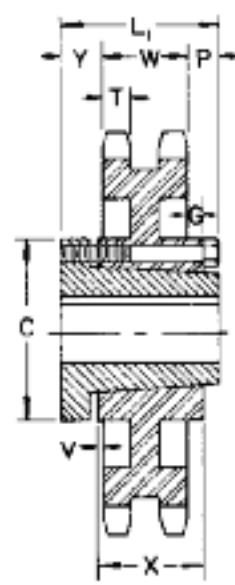
TYPE B



TYPE C



QD — TYPE C₂



QD — TYPE C₆

Alteration Charges

See current discount sheet for alteration charges.

Double-Type QD

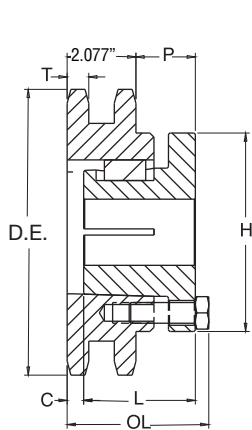
No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions										Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	G	V	X	T	W	With Hub	Rim Only
35	D100F35	F	14.640	13.945	C2	3 15/16	3 3/8	4	6 1/2	1	35/64	27/64		2 1/2	.669	2.077	84.5	73
45	D100F45	F	18.630	17.920	C2	3 15/16	3 3/8	4	6 1/2	1	35/64	27/64		2 1/2	.669	2.077	92.5	81
60	D100J60	J	24.600	23.884	C6	4 1/16	4 1/2	5	7 1/4	1 1/32	1 1/64	1 1/32	1/32	3 3/16	.669	2.077	152	133
70	D100J70	J	28.580	27.862	C6	4 1/16	4 1/2	5	7 1/4	1 1/32	1 1/64	1 1/32	1/32	3 3/16	.669	2.077	180	161
80	D100J80	J	32.570	31.839	C6	4 1/16	4 1/2	5	7 1/4	1 1/32	1 1/64	1 1/32	1/32	3 3/16	.669	2.077	215	196

SPROCKETS

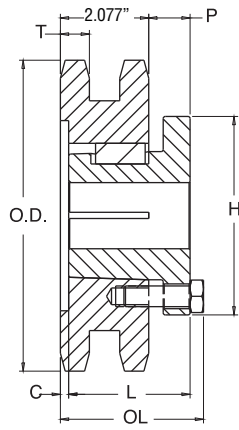
No. 100-2 1-1/4" Pitch

MST® Sprockets

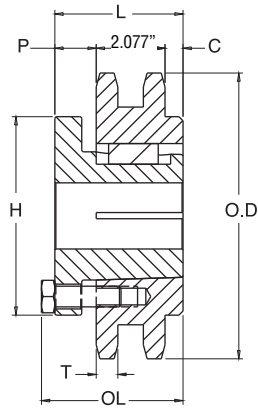
Martin



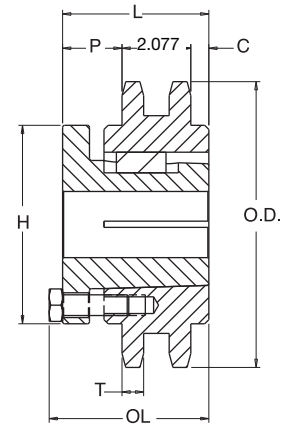
TIPO 12



TYPE 14



TYPE 15



TYPE 18

SPROCKETS

Double - MST® Sprockets

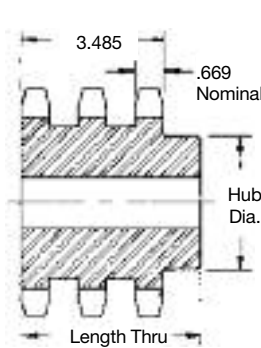
No. Teeth	Catalog Number	Bushing	Diameters		Type	Max. Bore	Dimensions						Weight (Approx.)	
			Outside Dia.	Pitch Dia.			OL	L	C	H	P	T(nom)	With Hub	Rim Only
11	D100P11H	P1	5.010	4.437	14	1-3/4	2-15/16	1-15/16	3/4	3	5/8	.669	6.0	4.7
12	D100Q12H	Q2	5.420	4.830	12	2-5/8	4-7/32	3-1/2	7/16	4-1/8	1-55/64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

Sprockets with "H" suffix have hardened teeth.

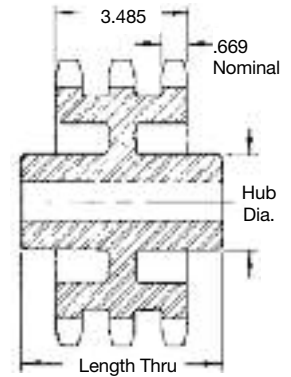
Triple-Type B & C

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru	
11	E100B11	5.010	B	1	2½	3¾	4¾	11.7
12	E100B12	5.420	B	1½	2½	3¾	4¾	13.7
13	E100B13	5.820	B	1½	2½	3¾	4¾	16.9
14	E100B14	6.230	B	1½	2½	4¾	4¾	20.2
15	E100B15	6.630	B	1½	3¾	4¾	4¾	25.0
16	E100B16	7.030	B	1½	3¾	5	4¾	29.3
17	E100B17	7.440	B	1½	3¾	5¾	4¾	33.8
18	E100B18	7.840	B	1½	3¾	5¾	4¾	38.6
19	E100B19	8.240	B	1½	3¾	5¾	4¾	43.3
20	E100B20	8.640	B	1½	3¾	5¾	4¾	47.9
21	E100B21	9.040	B	1½	3¾	5¾	4¾	52.3
22	E100B22	9.440	B	1½	3¾	5¾	4¾	57.5
23	E100B23	9.840	B	1½	3¾	5¾	4¾	62.5
24	E100B24	10.250	B	1½	3¾	5¾	4¾	69
25	E100B25	10.650	B	1½	3¾	5¾	4¾	73
26	E100B26	11.050	B	1½	3¾	5¾	4¾	79
30	E100B30	12.640	B	1½	3¾	5¾	4¾	103
35	E100C35	14.640	C	1½	4	6	5	108
45	E100C45	18.630	C	1½	4	6	5	143
60	E100C60	24.600	C	1½	5½	7½	5	217
70	E100C70	28.580	C	1½	5½	7½	5	262
80	E100C80	32.570	C	1½	5½	7½	5	313

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



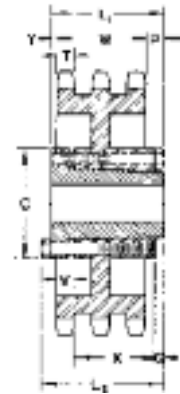
TYPE B



TYPE C



QD — TYPE B₁



QD — TYPE C₃

Alteration Charges

See current discount sheet for alteration charges.

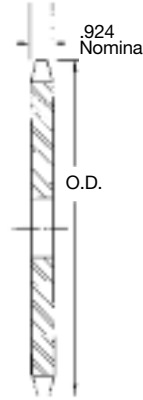
Triple-Type QD

No. Teeth	Catalog Number	Bush-ing	Dimensions		Type	Max. Bore	Dimensions										Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	G	V	X	T	W	With Hub	Rim Only
35	E100F35	F	14.640	13.945	B1	3 ¹⁵ / ₁₆	3 ⁶³ / ₆₄	4 ²³ / ₆₄	6 ⁶ / ₁₆	½	2 ³ / ₆₄	1 ¹ / ₁₆	½	2 ¹ / ₂	.669	3.485	112	100
45	E100F45	F	18.630	17.820	B1	3 ³ / ₁₆	3 ⁶³ / ₆₄	4 ²³ / ₆₄	6 ⁶ / ₁₆	½	2 ³ / ₆₄	1 ¹ / ₁₆	½	2 ¹ / ₂	.669	3.485	139	120
60	E100J60	J	24.600	28.884	C3	4 ⁷ / ₁₆	4 ¹ / ₂	5	7 ¹ / ₄	½	3 ³ / ₆₄	3 ¹ / ₁₆	1 ¹ / ₁₆	3 ³ / ₁₆	.669	3.485	197	178
70	E100J70	J	28.580	27.862	C3	4 ⁴ / ₁₆	4 ¹ / ₂	5	7 ¹ / ₄	½	3 ³ / ₆₄	3 ¹ / ₁₆	1 ¹ / ₁₆	3 ³ / ₁₆	.669	3.485	247	228
80	E100J80	J	32.570	31.839	C3	4 ⁴ / ₁₆	4 ¹ / ₂	5	7 ¹ / ₄	½	3 ³ / ₆₄	3 ¹ / ₁₆	1 ¹ / ₁₆	3 ³ / ₁₆	.669	3.485	287	268

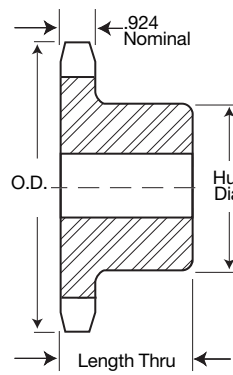
No. 120 1½" Pitch

All Steel Stock Sprockets

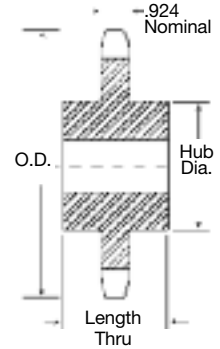
Martin



TYPE A



TYPE B



TYPE C

SPROCKETS

Single-Type B & C

Single-Type A

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)	Type	Catalog Number	Stock Bore	Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru					
8		4.520							A	120A8	1¼	2.4
9	120B9	5.020	B	1½	1⅞	3¼*	2¼	5.3	A	120A9	1¼	3.0
10	120B10	5.520	B	1½	2¼	3¼*	2¼	7.1	A	120A10	1¼	3.8
11	120B11	6.010	B	1½	2¾	3⅝	2¼	7.6	A	120A11	1¼	4.8
12	120B12	6.500	B	1½	2¾	4¼	2¼	9.9	A	120A12	1¼	5.8
13	120B13	6.990	B	1½	3	4⅞	2¼	12.4	A	120A13	1¼	6.7
14	120B14	7.470	B	1½	3¼	4¼	2¼	14.4	A	120A14	1¼	8.0
15	120B15	7.960	B	1½	3¼	4¾	2¼	16.7	A	120A15	1¼	9.1
16	120B16	8.440	B	1½	3½	5¼	2¼	19.9	A	120A16	1¼	10.6
17	120B17	8.920	B	1½	3½	5¼	2¼	20.8	A	120A17	1¼	12.6
18	120B18	9.410	B	1½	3½	5¼	2¼	22.2	A	120A18	1¼	13.6
19	120B19	9.890	B	1½	3½	5¼	2¼	24.8	A	120A19	1¼	15.1
20	120B20	10.370	B	1½	3½	5¼	2¼	25.8	A	120A20	1¼	16.9
21	120B21	10.850	B	1½	3½	5¼	2¼	26.7	A	120A21	1¼	18.7
22	120B22	11.330	B	1½	3½	5¼	2¼	28.2	A	120A22	1¼	20.0
23	120B23	11.810	B	1½	3½	5¼	2¼	30.3	A	120A23	1¼	22.1
24	120B24	12.290	B	1½	3½	5¼	2¼	32.1	A	120A24	1¼	24.8
25	120B25	12.770	B	1½	3½	5¼	2¼	34.6	A	120A25	1¼	26.8
26	120B26	13.250	B	1½	4	6	2¼	40.0	A	120A26	1½	28.3
27		13.730							A	120A27	1½	30.9
28	120B28	14.210	B	1½	4	6	2¼	44.9	A	120A28	1½	33.6
30	120B30	15.170	B	1½	4	6	2¼	50.2	A	120A30	1½	39.0
32	120B32	16.130	B	1½	4	6	2¼	56.0	A	120A32	1½	43.9
33		16.610							A	120A33	1½	48.2
34		17.090							A	120A34	1½	50
35	120B35	17.570	B	1½	4	6	2¼	62.4	A	120A35	1½	52
36	120B36	18.050	B	1½	4	6	2¼	66.4	A	120A36	1½	56
40	120C40	19.960	C	1½	4	6	3¾	92.0	A	120A40	1½	71
42	120C42	20.920	C	1½	4	6	3¾	98.0	A	120A42	1½	75
45	120C45	22.350	C	1½	4	6	3¾	99.2	A	120A45	1½	88
48	120C48	23.790	C	1½	4	6	4	113	A	120A48	1½	103
54	120C54	26.650	C	1½	4	6	4	133	A	120A54	1½	140
60	120C60	29.520	C	1½	5¼	7	4	160	A	120A60	1½	160
70	120C70	34.300	C	1½	5¼	7¼	4¼	206	A	120A70	1½	216
80	120C80	39.080	C	1½	5¼	7¼	4¼	254	A	120A80	1½	284
90		43.850							A	120A90	1½	358

* Has recessed groove in hub for chain clearance.

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

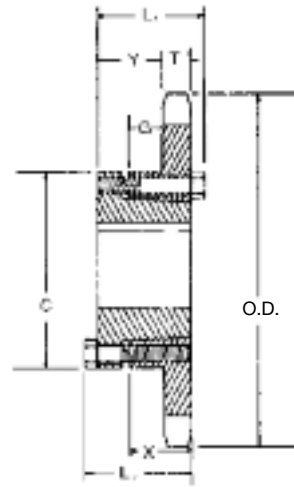
Alteration Charges

See current discount sheet for alteration charges.

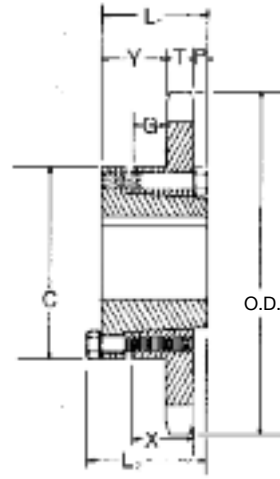
Single-Type QD With Hardened Teeth

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

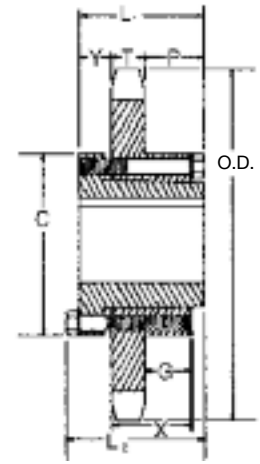
**SABER
TOOTH®**



QD — TYPE B



QD — TYPE B₁



QD — TYPE C

Single-Type QD

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

SPROCKETS

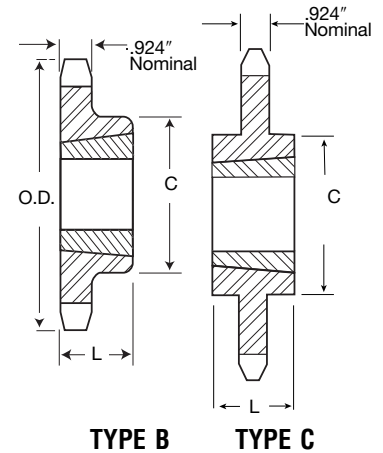
No. 120 1½" Pitch

All Steel Stock Sprockets



Single-Taper Bushed

No. Teeth	Catalog Number	Bushing	Diameter		Max. Bore	Dimensions		Type	Weight (Approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
12	120BTB12	2012	6.498	5.796	2	1¼	3¾	B	5.5	1.7
13	120BTB13	2517	6.896	6.268	2½	1¼	4¼	B	6.0	3.5
14	120BTB14	2517	7.472	6.741	2½	1¼	4¼	B	7.0	3.5
15	120BTB15	2517	7.957	7.215	2½	1¼	4¼	B	8.0	3.5
16	120BTB16	3020	8.441	7.689	3	2	5¼	B	10.0	6.5
17	120BTB17	3020	8.924	8.163	3	2	5¼	B	11.0	6.5
18	120BTB18	3020	9.407	8.638	3	2	5¼	B	12.0	6.5
19	120BTB19	3020	9.889	9.113	3	2	5¼	B	14.0	6.5
20	120BTB20	3020	10.371	9.588	3	2	5¼	B	15.5	6.5
21	120BTB21	3020	10.851	10.064	3	2	5¼	B	17.5	6.5
24	120BTB24	3020	12.294	11.492	3	2	5¼	B	23.5	6.5
26	120BTB26	3020	13.254	12.444	3	2	5¼	B	28.5	6.5
30	120BTB30	3020	15.171	14.351	3	2	5¼	B	33.5	6.5
35	120CTB35	3020	17.566	16.734	3	2	5¼	C	52.0	6.5
45	120CTB45	3030	22.351	21.503	3	3	5¼	C	82.0	9.2
60	120CTB60	3535	29.522	28.661	3½	3½	6¼	C	140.0	14.0
70	120CTB70	3535	34.301	33.434	3½	3½	6¼	C	175.0	14.0
80	120CTB80	3535	39.078	38.207	3½	3½	6¼	C	220.0	14.0



SPROCKETS

Single-Taper Bushed with Hardened Teeth

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

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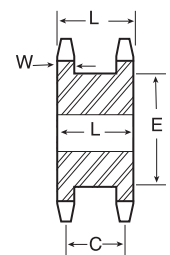


Single-Type C — Steel 1½" Pitch

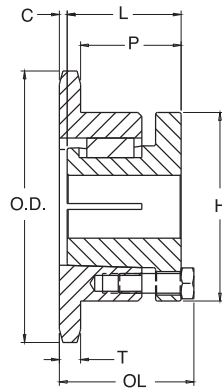
No. Teeth	Catalog Number	Outside Diameter	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
			Stock	Rec. Max.	Diameter	Length	
11	120C11	6.010	1¼	2½	3¾	3¾	12.45
12	120C12	6.500	1¼	2¾	4¼	3¾	14.80
13	120C13	6.990	1¼	3	4¾	3¾	17.15
14	120C14	7.470	1¼	3¼	4¾	3¾	19.50

Double Single-Type A — Steel

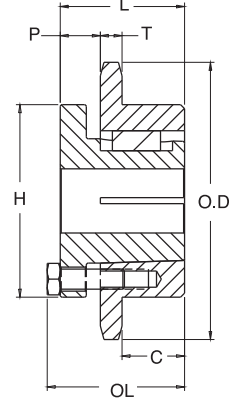
No. Teeth	Catalog Number	Diameters		Type	Min. Bore	Max. Bore	Dimensions				Wt. (Approx.)
		Outside Diameter	Pitch Diameter				L	C	E	w Nom.	
15	DS120A15	7.960	7.215	A	1¼	3¾	3 ¹¹ / ₃₂	2 ¹ / ₁₆	5 ³² / ₆₄	.924	30.0
16	DS120A16	8.440	7.689	A	1¼	4	3 ¹ / ₃₂	2 ¹ / ₁₆	6	.924	34.0
17	DS120A17	8.920	8.163	A	1¼	4 ¹ / ₁₆	3 ¹ / ₃₂	2 ¹ / ₁₆	6 ³ / ₆₄	.924	37.0
18	DS120A18	9.410	8.638	A	1¼	5 ¹ / ₁₆	3 ¹ / ₃₂	2 ¹ / ₁₆	6 ³ / ₆₄	.924	42.0
19	DS120A19	9.890	9.113	A	1¼	5½	3 ¹ / ₃₂	2 ¹ / ₁₆	7 ²⁹ / ₆₄	.924	47.0
20	DS120A20	10.370	9.589	A	1¼	5 ⁵ / ₁₆	3 ¹ / ₃₂	2 ¹ / ₁₆	7 ¹⁵ / ₁₆	.924	51.0



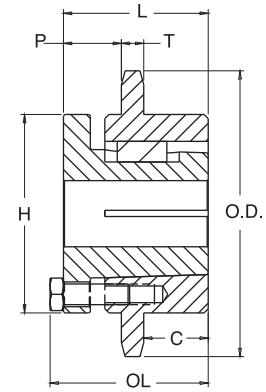
TYPE A



TYPE 4



TYPE 5



TYPE 6

Single - MST Sprockets

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

Sprockets with "H" suffix have hardened teeth.

No. 120-2

1½" Pitch

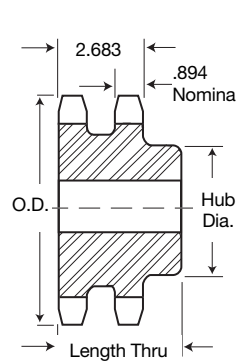
All Steel Stock Sprockets



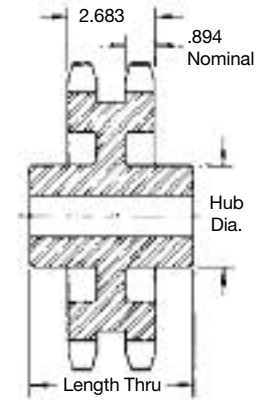
Double-Type B & C

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru	
11	D120B11	6.010	B	1½	2¾	3⅞	3¾	13.6
12	D120B12	6.500	B	1½	2¾	4⅞	3¾	17.3
13	D120B13	6.990	B	1½	3	4¾	3¾	21.1
14	D120B14	7.470	B	1½	3⅞	5	3¾	25.6
15	D120B15	7.960	B	1½	3¾	5¼	3¾	29.9
16	D120B16	8.440	B	1½	3¾	5¼	3¾	33.8
17	D120B17	8.920	B	1½	3¾	5¼	3¾	36.9
18	D120B18	9.410	B	1½	3¾	5¼	3¾	41.9
19	D120B19	9.890	B	1½	3¾	5¼	3¾	46.5
20	D120B20	10.370	B	1½	3¾	5¼	3¾	50.2
21	D120B21	10.850	B	1½	3¾	5¼	3¾	55.6
22	D120B22	11.330	B	1½	3⅞	5¼	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
35	D120C35	17.570	C	1½	5¾	7½	6	148
45	D120C45	22.350	C	1½	5¾	7½	6	188
60	D120C60	29.520	C	1½	6¾	9½	6¼	307

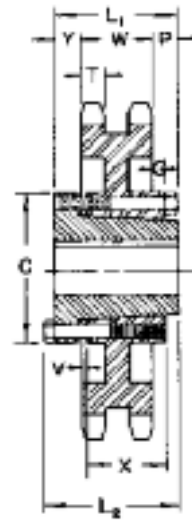
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.



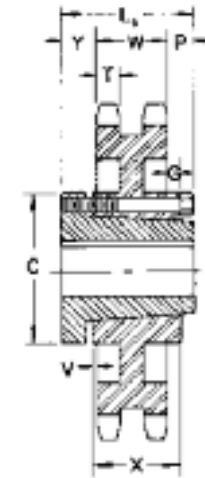
TYPE B



TYPE C



"QD" — TYPE C₅



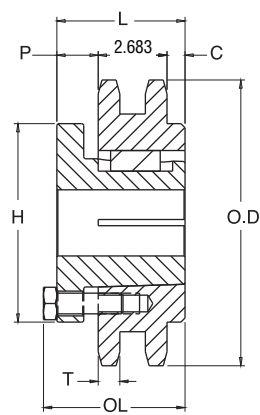
"QD" — TYPE C₆

Alteration Charges

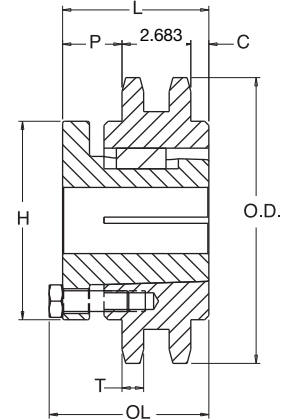
See current discount sheet for alteration charges.

Double-Type "QD"

No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions										Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	G	V	X	T	W	With Hub	Rim Only
30	D120J30	J	15.170	14.350	C5	4⅞	4½	5	7¼	1½	2⅞	2⅞	½	3⅞	.894	2.683	97.5	78.0
35	D120J35	J	17.570	16.734	C5	4⅞	4½	5	7¼	1½	2⅞	2⅞	½	3⅞	.894	2.683	112	93.0
45	D120J45	J	22.350	21.502	C5	4⅞	4½	5	7¼	1½	2⅞	2⅞	½	3⅞	.894	2.683	157	138
60	D120M60	M	29.520	28.661	C6	5½	6¾	6¾	9	2½	1⅞	1⅞	2⅞	5⅞	.894	2.683	271	234



TYPE 15



TYPE 18

Double - MST[®] Sprockets

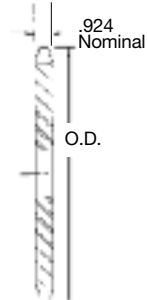
No. Teeth		Bush- ing	Diameters		Type	Max. Bore	Dimensions						Weight (Approx.)	
			Outside Dia.	Pitch Dia.			OL	L	C	H	P	T(nom)	With Hub	Rim Only
30	D120S30	S1	15.170	14.350	15	4-1/4	4-3/4	4-3/8	5/8	6-3/8	1-1/16	.894	118.5	105.0
35	D120S35	S1	17.570	16.734	15	4-1/4	4-3/4	4-3/8	5/8	6-3/8	1-1/16	.894	161.5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

Sprockets with "H" suffix have hardened teeth.

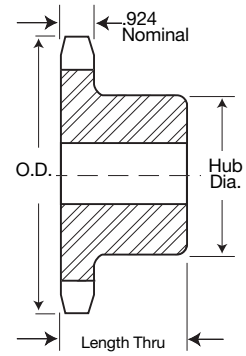
No. 140

1³/₄" Pitch

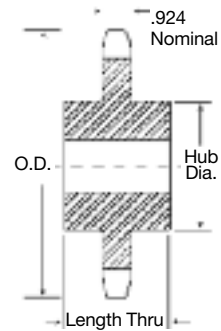
All Steel Stock Sprockets



TYPE A



TYPE B



TYPE C

Single-Type B & C

Single-Type A

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs (Approx.)	Type	Catalog Number	Stock Bore	Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru					
11	140B11	7.010	B	1½	2¾	4¼	2¼	11.3	A	140A11	1½	5.0
12	140B12	7.580	B	1½	3	4½	2¼	13.2	A	140A12	1½	7.8
13	140B13	8.150	B	1½	3½	5½	2½	18.9	A	140A13	1½	8.2
14	140B14	8.720	B	1½	3¾	5½	2½	20.4	A	140A14	1½	10.0
15	140B15	9.280	B	1½	4¼	6¼	2½	25.1	A	140A15	1½	11.0
16	140B16	9.850	B	1½	4¼	6¼	2½	27.9	A	140A16	1½	14.0
17	140B17	10.410	B	1½	4¼	6¼	2½	29.8	A	140A17	1½	16.0
18	140B18	10.980	B	1½	4¼	6¼	2½	32.0	A	140A18	1½	18.0
19	140B19	11.540	B	1½	4¼	6¼	2½	34.1	A	140A19	1½	21.0
20	140B20	12.100	B	1½	4¼	6¼	2½	36.0	A	140A20	1½	23.0
21	140B21	12.660	B	1½	4¼	6¼	2½	38.7	A	140A21	1½	25.0
22	140B22	13.220	B	1½	4¼	6¼	2½	40.6	A	140A22	1½	28.0
23	140B23	13.780	B	1½	4¼	6¼	2½	42.1	A	140A23	1½	30.0
24	140B24	14.340	B	1½	4¼	6¼	2½	46.2	A	140A24	1½	33.0
25	140B25	14.900	B	1½	4¼	6¼	2½	47.8	A	140A25	1½	34.0
26	140B26	15.460	B	1½	4¼	6¼	3	57.2	A	140A26	1½	39.0
27	140B27	16.020	B	1½	4¼	6¼	3	58.5	A	140A27	1½	41.0
28	140B28	16.580	B	1½	4¼	6¼	3	62.2	A	140A28	1½	45.0
30	140B30	17.700	B	1½	4¼	6¼	3	69.8	A	140A30	1½	52.0
31		18.260								140A31	1½	56.0
32	140B32	18.820	B	1½	4¼	6¼	3	76.3	A	140A32	1½	60.0
35	140C35	20.490	C	1½	5¼	7	4	108	A	140A35	1½	73.0
36		21.050								140A36	1½	77.0
40	140C40	23.290	C	1½	5¼	7	4	121	A	140A40	1½	93.0
45	140C45	26.080	C	1½	5¼	7	4	142	A	140A45	1½	131
48	140C48	27.750	C	1½	5¼	7	4	150	A	140A48	1½	134
54	140C54	31.100	C	1½	5¼	7	4	177	A	140A54	1½	173
60	140C60	34.440	C	1½	5¼	7	5	220	A	140A60	1½	219
70	140C70	40.020	C	1½	5¼	7½	5	282	A	140A70	1½	292
80	140C80	45.590	C	1½	5¼	7½	5	331	A	140A80	1½	402

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

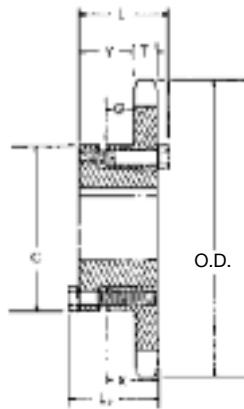
Alteration Charges

See current discount sheet for alteration charges.

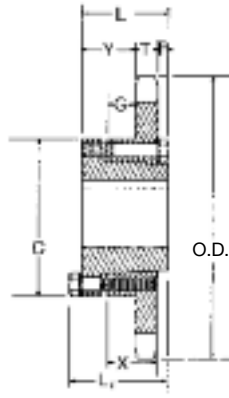
Single-Type QD With Hardened Teeth

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

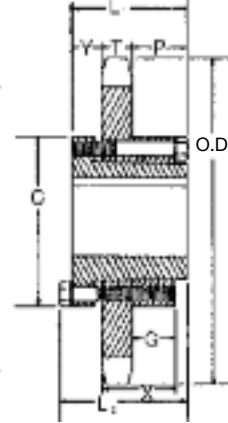
**SABER
TOOTH®**



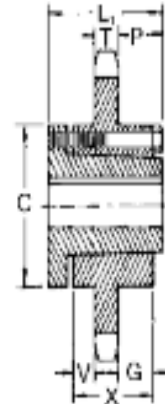
QD — TYPE B



QD — TYPE B₁



QD — TYPE C



QD — TYPE C₁

Single-Type QD

No. Teeth	Catalog Number	Bush- ing	Diameters		Type	Max. Bore	Dimensions								Weight (Approx.)		
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	G	V	X	T	With Hub	Rim Only
11	140SF11	SF	7.010	6.212	B	2 5/16	2 1/4	2 1/4	4 3/4	1 1/4		2 1/4		1 1/4	.924	8.6	5.6
12	140SF12	SF	7.580	6.762	B	2 5/16	2 1/4	2 1/4	4 3/4	1 1/4		2 1/4		1 1/4	.924	10.4	7.4
13	140SF13	SF	8.150	7.313	B	2 5/16	2 1/4	2 1/4	4 3/4	1 1/4		2 1/4		1 1/4	.924	11.9	8.9
14	140E14	E	8.720	7.864	B1	3 1/2	2 3/8	2 5/16	6	1 1/8	1/2	5/8		1 3/8	.924	21.6	11.6
15	140E15	E	9.280	8.417	B1											24.2	14.2
16	140E16	E	9.850	8.970	B1											25.9	15.9
17	140E17	E	10.410	9.524	B1											28.0	18.0
18	140E18	E	10.980	10.078	B1											29.6	19.6
19	140E19	E	11.540	10.632	B1											32.0	22.0
20	140E20	E	12.100	11.187	B1											34.6	24.6
21	140E21	E	12.660	11.742	B1											37.6	27.6
22	140E22	E	13.220	12.297	B1	3 1/2	2 3/8	2 5/16	6	1 1/8	1/2	5/8		1 3/8	.924	39.5	29.5
23	140F23	F	13.780	12.852	B1	3 5/16	3 1/8	4	6 3/4	2 1/8	1/2	1 3/8		2 1/2	.924	48.0	36.4
24	140F24	F	14.340	13.407	B1											51.6	40.1
25	140F25	F	14.900	13.963	B1											53.8	42.3
26	140F26	F	15.460	14.518	B1											58.0	46.5
30	140F30	F	17.700	16.742	B1	3 5/16	3 3/8	4	6 3/4	2 1/8	1/2	1 3/8		2 1/2	.924	72.0	60.4
35	140F35	F	20.490	19.523	C	3 5/16	3 3/8	4	6 3/4	1 1/2	1 1/8	1 3/8		2 1/2	.924	89.5	78.0
36	140F36	F	21.050	20.079	C	3 5/16	3 3/8	4	6 3/4	1	1 1/8	1 3/8		2 1/2	.924	95.5	84.0
40	140J40	J	23.290	22.305	C	4 1/8	4 1/4	5	7 1/4	1 1/8	2 3/8	2 1/4		3 3/8	.924	117	98.0
45	140J45	J	26.080	25.087	C											139	120
48	140J48	J	27.750	26.757	C											148	129
54	140J54	J	31.100	30.097	C											168	149
60	140J60	J	34.440	33.438	C	4 1/8	4 1/4	5	7 1/4	1 1/8	2 3/8	2 1/4		3 3/8	.924	205	186
70	140M70	M	40.020	39.006	C1	5 1/2	6 3/8	6 3/4	9	2 3/8	2 3/8	2 1/2	1 1/2	5 3/8	.924	301	264
80	140M80	M	45.590	44.575	C1	5 1/2	6 3/8	6 3/4	9	2 3/8	2 3/8	2 1/2	1 1/2	5 3/8	.924	385	348

SPROCKETS

No. 140

1³/₄" Pitch

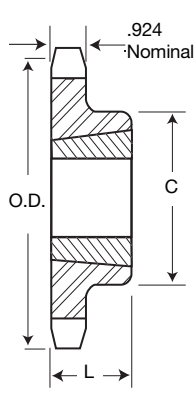
All Steel Stock Sprockets



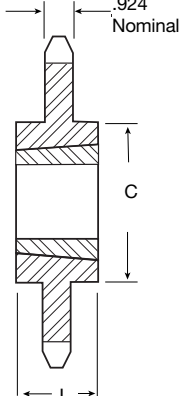
Single-Taper Bushed with Hardened Teeth

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

SABER TOOTH®



TYPE B



TYPE C



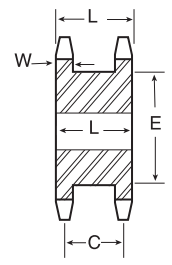
SPROCKETS

Single-Taper Bushed

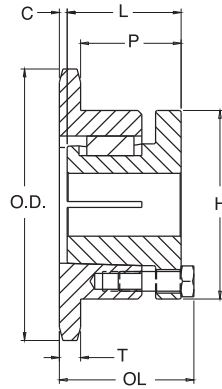
No. Teeth	Catalog Number	Bushing	Diameter		Max. Bore	Dimensions		Type	Weight (Approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
12	140BTB12	2517	7.581	6.762	2 ¹ / ₂	1 ¹ / ₄	4 ¹ / ₄	B	7.0	3.5
13	140BTB13	3020	8.150	7.313	3	2	5 ¹ / ₄	B	8.0	6.5
14	140BTB14	3020	8.718	7.864	3	2	5 ¹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

Double Single-Type A — Steel

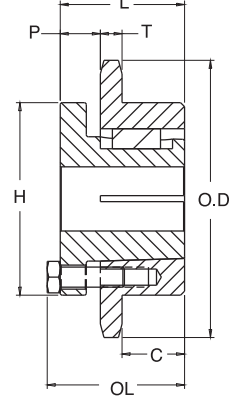
No. Teeth	Catalog Number	Diameters		Type	Min. Bore	Max. Bore	Dimensions			w Nom.	Wt. (Approx.)
		Outside Diameter	Pitch Diameter				L	C	E		
14	DS140A14	8.720	7.864	A	1 ¹ / ₁₆	3 ³ / ₁₆	3 ³⁹ / ₆₄	2 ¹¹ / ₁₆	5 ⁵ / ₁₆	.924	35.0
15	DS140A15	9.280	8.417	A	1 ¹ / ₁₆	4 ¹ / ₁₆	3 ³⁹ / ₆₄	2 ¹¹ / ₁₆	6 ²⁹ / ₆₄	.924	43.0
16	DS140A16	9.850	8.970	A	1 ¹ / ₁₆	5 ¹ / ₁₆	3 ³⁹ / ₆₄	2 ¹¹ / ₁₆	7 ⁷ / ₆₄	.924	49.0
17	DS140A17	10.410	9.524	A	1 ¹ / ₁₆	5 ⁹ / ₁₆	3 ³⁹ / ₆₄	2 ¹¹ / ₁₆	7 ³⁷ / ₆₄	.924	58.0
18	DS140A18	10.980	10.078	A	1 ¹ / ₁₆	6 ¹ / ₁₆	3 ³⁹ / ₆₄	2 ¹¹ / ₁₆	8 ³ / ₆₄	.924	66.0



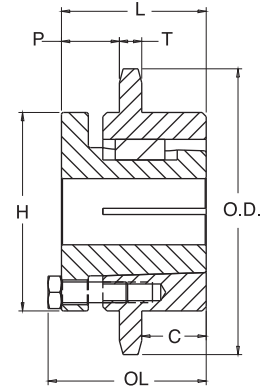
TYPE A



TYPE 4



TYPE 5



TYPE 6

Single - MST[®] Sprockets

No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions						Weight (Approx.)	
			Outside Dia.	Pitch Dia.			OL	L	C	H	P	T(nom)	With Hub	Rim Only
11	140Q11H	Q1	7.010	6.212	4	2-11/16	2-25/32	2-1/2	0	4-1/8	1 9/16	.924	9.9	6.4
12	140Q12H	Q1	7.580	6.762	4	2-11/16	2-25/32	2-1/2	0	4-1/8	1 9/16	.924	12.5	9.0
13	140R13H	R1	8.150	7.313	4	3-3/4	3-5/32	2-7/8	0	5-3/8	1-15/16	.924	18.6	11.1
14	140R14H	R1	8.720	7.864	4	3-3/4	3-5/32	2-7/8	0	5-3/8	1-15/16	.924	20.1	12.6
15	140R15H	R1	9.280	8.417	4	3-3/4	3-5/32	2-7/8	0	5-3/8	1-1/16	.924	22.2	14.7
16	140R16H	R1	9.850	8.970	4	3-3/4	3-5/32	2-7/8	0	5-3/8	1-1/16	.924	24.0	16.5
17	140R17H	R1	10.410	9.524	4	3-3/4	3-5/32	2-7/8	0	5-3/8	1-15/16	.924	26.0	18.5
18	140R18H	R1	10.980	10.078	4	3-3/4	3-5/32	2-7/8	0	5-3/8	1-15/16	.924	28.0	20.5
19	140R19H	R1	11.540	10.632	4	3-3/4	3-5/32	2-7/8	0	5-3/8	1-15/16	.924	30.5	23.0
20	140R20H	R1	12.100	11.187	4	3-3/4	3-5/32	2-7/8	0	5-3/8	1-15/16	.924	32.9	25.4
21	140R21H	R1	12.660	11.742	4	3-3/4	3-5/32	2-7/8	0	5-3/8	1-15/16	.924	35.3	27.8
22	140R22H	R1	13.220	12.297	5	3-3/4	3-5/32	2-7/8	1-1/16	5-3/8	7/8	.924	40.0	32.5
23	140R23H	R1	13.780	12.852	5	3-3/4	3-5/32	2-7/8	1-1/16	5-3/8	7/8	.924	43.5	36.0
24	140R24H	R1	14.340	13.407	5	3-3/4	3-5/32	2-7/8	1-1/16	5-3/8	7/8	.924	45.1	37.6
25	140R25H	R1	14.900	13.963	5	3-3/4	3-5/32	2-7/8	1-1/16	5-3/8	7/8	.924	47.8	40.3
26	140R26H	R1	15.460	14.518	5	3-3/4	3-5/32	2-7/8	1-1/16	5-3/8	7/8	.924	51.5	44.0
30	140R30H	R2	17.700	16.742	5	3-5/8	5-5/32	4-7/8	2	5-3/8	7/8	.924	79.0	68.0
35	140R35	R2	20.490	19.523	6	3-5/8	5-5/32	4-7/8	2	5-3/8	7/8	.924	99.0	88.0
36	140R36	R2	21.050	20.079	6	3-5/8	5-5/32	4-7/8	2	5-3/8	7/8	.924	101.0	90.0
36	140S36	S1	21.050	20.079	5	4-1/4	43/4	4-3/8	2-3/8	6-3/8	1-1/16	.924	102.5	89.0
40	140R40	R2	23.290	22.305	6	3-5/8	5-5/32	4-7/8	2	5-3/8	7/8	.924	120.0	109.0
40	140S40	S1	23.290	22.305	5	4-1/4	4-3/4	4-3/8	2-3/8	6-3/8	1-1/16	.924	120.5	107.0
45	140S45	S1	26.080	25.087	5	4-1/4	4-3/4	43/8	2-3/8	6-3/8	1-1/16	.924	145.5	132.0
48	140S48	S2	27.750	26.757	6	4-3/16	7-1/2	6-3/4	2-7/8	6-3/8	2-15/16	.924	188.0	169.0
54	140S54	S2	31.100	30.097	6	4-3/16	7-1/2	6-3/4	2-7/8	6-3/8	2-15/16	.924	227.0	208.0
60	140S60	S2	34.440	33.438	6	4-3/16	7-1/2	6-3/4	2-7/8	6-3/8	2-15/16	.924	249.0	230.0
70	140S70	S2	40.020	39.006	6	4-3/16	7-1/2	6-3/4	2-7/8	6-3/8	2-15/16	.924	330.0	311.0
80	140S80	S2	45.590	44.575	6	4-3/16	7-1/2	6-3/4	2-7/8	6-3/8	2-15/16	.924	261.0	242.0

Sprockets with "H" suffix have hardened teeth.

No. 140-2

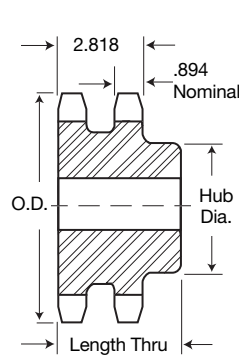
1³/₄" Pitch

All Steel Stock Sprockets

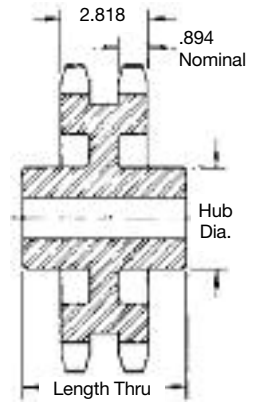


Double-Type B & C

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru	
13	D140B13	8.150	B	1 ¹ / ₂	3 ⁵ / ₁₆	5	3 ³ / ₄	29
14	D140B14	8.720	B	1 ¹ / ₂	3 ¹ / ₂	5 ¹ / ₂	3 ³ / ₄	34.8
15	D140B15	9.280	B	1 ¹ / ₂	4 ¹ / ₂	6 ¹ / ₂	3 ³ / ₄	42.5
16	D140B16	9.850	B	1 ¹ / ₂	5 ¹ / ₄	7	4	48.1
17	D140B17	10.410	B	1 ¹ / ₂	5 ¹ / ₄	7	4	57.5
18	D140B18	10.980	B	1 ¹ / ₂	5 ¹ / ₄	7	4	65.6
19	D140B19	11.540	B	1 ¹ / ₂	5 ¹ / ₄	7	4	72.0
20	D140B20	12.100	B	1 ¹ / ₂	5 ¹ / ₄	7	4	76.0
21	D140B21	12.660	B	1 ¹ / ₂	5 ¹ / ₄	7	4	82.0
22	D140B22	13.220	B	1 ¹ / ₂	5 ¹ / ₄	7	4	94.0
23	D140B23	13.780	B	1 ¹ / ₂	5 ¹ / ₄	7	4	100
24	D140B24	14.340	B	1 ¹ / ₂	5 ¹ / ₄	7	4	104
25	D140B25	14.900	B	1 ¹ / ₂	5 ¹ / ₄	7	4	120
26	D140B26	15.460	B	1 ¹ / ₂	5 ¹ / ₄	7	4	128
35	D140C35	20.490	C	1 ¹ / ₂	5 ¹ / ₂	7 ¹ / ₂	6	180
45	D140C45	26.080	C	1 ¹ / ₂	5 ¹ / ₂	7 ¹ / ₂	6	232
60	D140C60	34.440	C	1 ¹ / ₂	6 ¹ / ₂	9 ¹ / ₂	6 ¹ / ₄	372

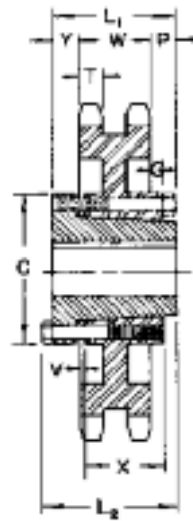


TYPE B

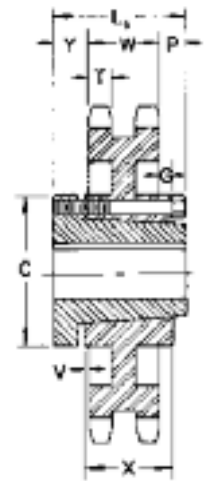


TYPE C

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



QD — TYPE C₅



QD — TYPE C₆

Alteration Charges

See current discount sheet for alteration charges.

Double-Type QD

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

SPROCKETS



All Steel Stock Sprockets

No. 160 2" Pitch

Single-Type B & C

Single-Type A — Plate

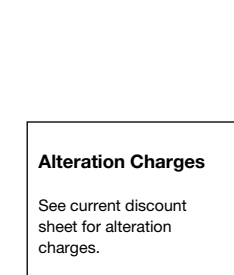
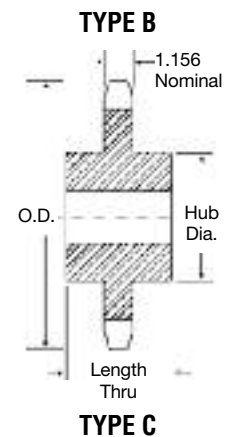
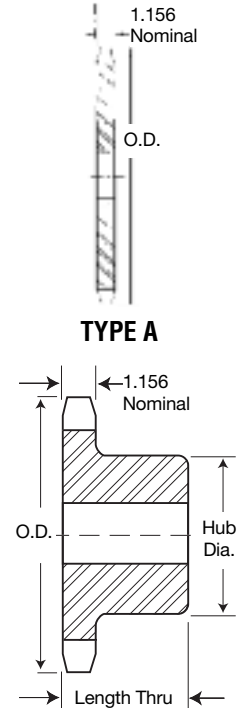
No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)	Type	Catalog Number	Stock Bore	Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru					
8	160B8	6.030	B	1½	1¾	3¼	2¼	8.0	A	160A8	1½	5.0
9	160B9	6.700	B	1½	2¼	3¾	2¼	10.0	A	160A9	1½	7.0
10	160B10	7.360	B	1½	2¾	4¼	2¼	12.0	A	160A10	1½	8.0
11	160B11	8.010	B	1½	3¼	4¾	2¼	17.0	A	160A11	1½	10.0
12	160B12	8.660	B	1½	3¾	5¼	2¼	21.0	A	160A12	1½	12.0
13	160B13	9.310	B	1½	4	6	2¼	28.0	A	160A13	1½	16.0
14	160B14	9.960	B	1½	4½	6½	2¼	32.0	A	160A14	1½	17.0
15	160B15	10.610	B	1½	5¼	7	2¼	37.0	A	160A15	1½	21.0
16	160B16	11.260	B	1½	5¾	7	2¼	41.0	A	160A16	1½	24.0
17	160B17	11.900	B	1½	5¾	7	2¼	45.0	A	160A17	1½	27.0
18	160B18	12.540	B	1½	5¾	7	2¼	48.0	A	160A18	1½	30.0
19	160B19	13.190	B	1½	5¾	7	2¼	52.0	A	160A19	1½	34.0
20	160B20	13.830	B	1½	5¾	7	2¼	56.0	A	160A20	1½	38.0
21	160B21	14.470	B	1½	5¾	7	2¼	59.0	A	160A21	1½	42.0
22	160B22	15.110	B	1½	5¾	7	2¼	65.0	A	160A22	1½	46.0
23	160B23	15.750	B	1½	5¾	7	2¼	68.0	A	160A23	1½	50.0
24	160B24	16.390	B	1½	5¾	7	3	77.0	A	160A24	1½	56.0
25	160B25	17.030	B	1½	5¾	7	3	81.0	A	160A25	1½	61.0
26	160B26	17.670	B	1½	5¾	7	3	86.0	A	160A26	1½	65.0
27	160B27	18.310	B	1½	5¾	7	3	91.0	A	160A27	1½	71.0
28	160B28	18.950	B	1½	5¾	7	3	98.0	A	160A28	1½	77.0
30	160B30	20.230	B	1½	5¾	7	3	108	A	160A30	1½	90.0
35	160C35	23.420	C	1½	5¾	8	4½	154	A	160A35	1½	121
40	160C40	26.610	C	1½	5¾	8	4½	196	A	160A40	1½	138
45	160C45	29.800	C	1½	5¾	8	5	234	A	160A45	1½	204
54	160C54	35.540	C	1½	5¾	8	5	276	A	160A54	1½	294
60	160C60	39.360	C	1½	5¾	8	5	329	A	160A60	1½	366
70	160C70	45.730	C	1½	5¾	8	5	446	A	160A70	1½	507
80	160C80	52.100	C	1½	5¾	8	6	612	A	160A80	1½	656

Single-Type C — Steel 2" Pitch

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



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



SPROCKETS

Alteration Charges
See current discount sheet for alteration charges.

No. 160 2" Pitch

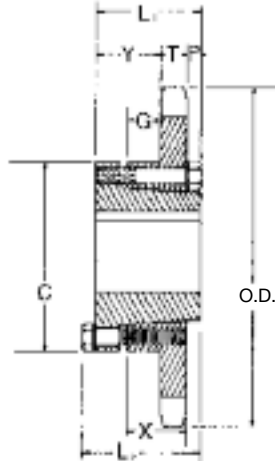
All Steel Stock Sprockets



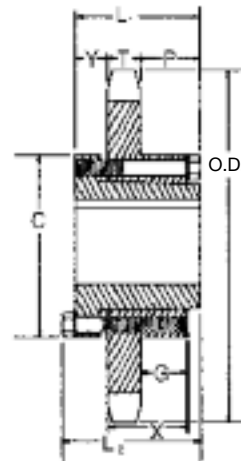
Single-Type QD With Hardened Teeth

No. Teeth	Catalog Number
12	160E12 H
13	160E13 H
14	160E14 H
15	160F15 H
16	160F16 H
17	160F17 H
18	160F18 H
19	160F19 H
20	160F20 H
21	160F21 H
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28	160J28 H
30	160J30 H

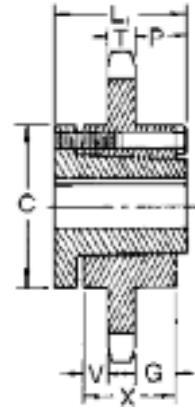
**SABER
TOOTH®**



QD — TYPE B₁



QD — TYPE C



QD — TYPE C₁

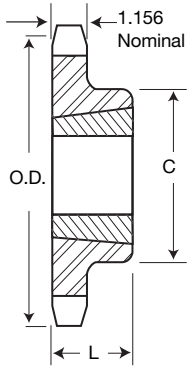


SPROCKETS

Single-Type QD

No. Teeth	Catalog Number	Bushing	Diameters		Type	Max. Bore	Dimensions								Weight (Approx.)		
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	G	V	X	T	With Hub	Rim Only
12	160E12	E	8.660	7.727	B1	3½	2½	2½/16	6	1½/16	½	1½/32		1½	1.156	21.0	11
13	160E13	E	9.310	8.357	B1	3½	2½	2½/16	6	1½/16	½	1½/32		1½	1.156	24.0	14
14	160E14	E	9.960	8.988	B1	3½	2½	2½/16	6	1½/16	½	1½/32		1½	1.156	26.0	16
15	160F15	F	10.610	9.620	B1	3½/16	3½	4	6½	2½/16	½	1½/32		2½	1.156	35.5	24
16	160F16	F	11.260	10.252	B1											38.5	27
17	160F17	F	11.900	10.885	B1											42.5	31
18	160F18	F	12.540	11.518	B1											46.5	35
19	160F19	F	13.190	12.151	B1											49.5	38
20	160F20	F	13.830	12.785	B1											53.5	42
21	160F21	F	14.740	13.419	B1											56.5	45
22	160F22	F	15.110	14.053	B1											62.5	51
23	160F23	F	15.750	14.688	B1											66.5	55
24	160F24	F	16.390	15.323	B1											70.5	59
25	160F25	F	17.030	15.958	B1	3½/16	3½	4	6½	2½/16	½	1½/32		2½	1.156	75.5	64
26	160J26	J	17.670	16.593	C	4½/16	4½	5	7¼	1½/16	2½	2½/32		3½/16	1.156	92.5	74
28	160J28	J	18.950	17.863	C											103	84
30	160J30	J	20.230	19.134	C											115	96
35	160J35	J	23.420	22.312	C	4½/16	4½	5	7¼	1½/16	2½	2½/32		3½/16	1.156	135	116
40	160M40	M	26.610	25.491	C1	5½	6½	6½	9	2½/16	2½/16	2½/32	1½/32	5½/16	1.156	211	174
45	160M45	M	29.800	28.671	C1											245	208
54	160M54	M	35.540	34.397	C1											299	262
60	160M60	M	39.360	38.215	C1											347	310
70	160M70	M	45.730	44.578	C1											468	431
80	160M80	M	52.100	50.943	C1	5½	6½	6½	9	2½/16	2½/16	2½/32	1½/32	5½/16	1.156	567	530

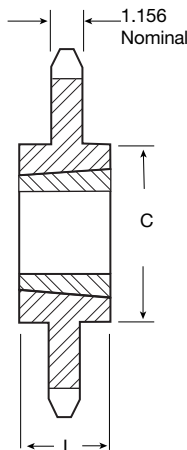
Single-Taper Bushed with Hardened Teeth



TYPE B

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

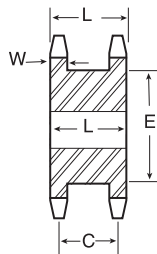
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TYPE C

Single-Taper Bushed

No. Teeth	Catalog Number	Bushing	Diameter		Max. Bore	Dimensions		Type	Weight (Approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
11	160BTB11	2517	8.011	7.099	2½	1¾	4¾	B	9.0	3.5
12	160BTB12	3020	8.664	7.727	3	2	5¼	B	11.0	6.5
13	160BTB13	3020	9.314	8.357	3	2	5¼	B	13.0	6.5
14	160BTB14	3020	9.963	8.988	3	2	5¼	B	16.0	6.5
15	160BTB15	3535	10.609	9.620	3½	3¾	6½	B	25.0	14.0
16	160BTB16	3535	11.255	10.252	3½	3¾	6½	B	28.0	14.0
17	160BTB17	3535	11.899	10.885	3½	3¾	6½	B	32.0	14.0
18	160BTB18	3535	12.543	11.518	3½	3¾	6½	B	35.0	14.0
19	160BTB19	3535	13.185	12.151	3½	3¾	6½	B	39.0	14.0
21	160BTB21	3535	14.470	13.419	3½	3¾	6½	B	48.0	14.0
26	160BTB26	3535	17.671	16.593	3½	3¾	6½	B	68.0	14.0
35	160CTB35	4040	23.422	22.312	4	4	7¾	C	118	14.0
45	160CTB45	4040	29.802	28.671	4	4	7¾	C	186	22.0
60	160CTB60	4545	39.362	38.215	4½	4½	8¾	C	292	30.0



TYPE A

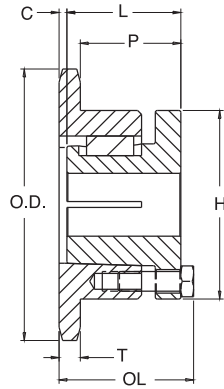
Double Single-Type A — Steel

No. Teeth	Catalog Number	Diameters		Type	Min. Bore	Max. Bore	Dimensions			Wt. (Approx.)	
		Outside Diameter	Pitch Diameter				L	C	E		
15	DS160A15	10.609	9.620	A	1½	5½	4¾	3½	7¾	1.156	69.0
16	DS160A16	11.255	10.252	A	1½	6	4¾	3½	8¼	1.156	75.0
17	DS160A17	11.899	10.885	A	1½	6½	4¾	3½	8¾	1.156	92.0
18	DS160A18	12.543	11.518	A	1½	6¾	4¾	3½	9¼	1.156	97.0

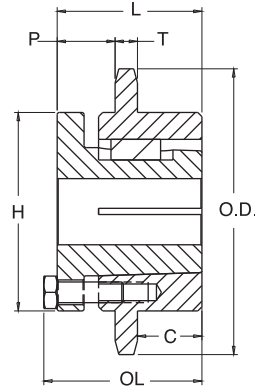
No. 160 2" Pitch

MST[®] Sprockets

Martin



TYPE 4



TYPE 6

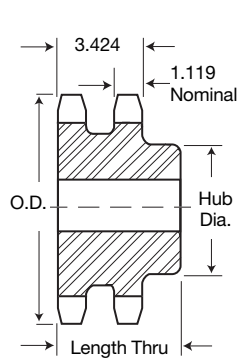
SPROCKETS

Single - MST[®] Sprockets

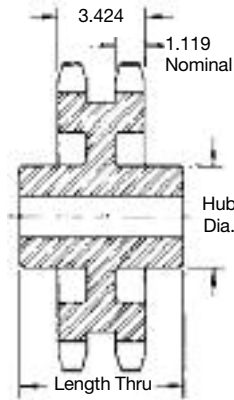
No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions						Weight (Approx.)	
			Outside Dia.	Pitch Dia.			OL	L	C	H	P	T(nom)	With Hub	Rim Only
11	160R11H	R1	8.010	7.099	4	3-3/4	3-13/32	2-7/8	1/4	5-3/8	1-31/32	1.156	18.3	10.8
12	160R12H	R1	8.660	7.727	4	3-3/4	3-13/32	2-7/8	1/4	5-3/8	1-31/32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

Sprockets with "H" suffix have hardened teeth.

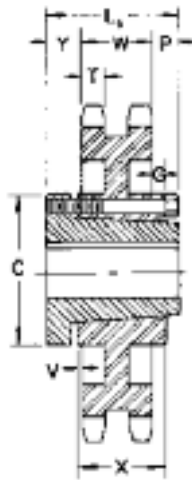
Double-Type B & C



TYPE B



TYPE C



QD — TYPE C₆

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (App.)
				Stock	Rec. Max.	Dia.	Length Thru	
13	D160B13	9.310	B	2	4	6	4%	48
14	D160B14	9.960	B	2	4 $\frac{1}{4}$	6 $\frac{1}{4}$	4%	58
15	D160B15	10.610	B	2	5 $\frac{1}{4}$	7	4%	68
16	D160B16	11.260	B	2	5 $\frac{1}{2}$	7	4%	75
17	D160B17	11.900	B	2	5 $\frac{1}{2}$	7	4%	91
18	D160B18	12.540	B	2	5 $\frac{1}{2}$	7	4%	96
19	D160B19	13.190	B	2	5 $\frac{1}{2}$	7	4%	107
20	D160B20	13.830	B	2	5 $\frac{1}{2}$	7	4%	119
21	D160B21	14.470	B	2	5 $\frac{1}{2}$	7 $\frac{1}{2}$	4%	130
22	D160B22	15.110	B	2	5 $\frac{3}{4}$	7 $\frac{1}{2}$	4%	141
23	D160B23	15.750	B	2	5 $\frac{3}{4}$	7 $\frac{1}{2}$	4%	157
24	D160B24	16.390	B	2	5 $\frac{3}{4}$	7 $\frac{1}{2}$	4%	171
25	D160B25	17.030	B	2	5 $\frac{3}{4}$	7 $\frac{1}{2}$	4%	187
26	D160B26	17.670	B	2	5 $\frac{3}{4}$	7 $\frac{1}{2}$	4%	201
35	D160C35	23.420	C	1 $\frac{1}{2}$	6 $\frac{3}{4}$	9 $\frac{1}{2}$	6%	306
45	D160C45	29.800	C	1 $\frac{1}{2}$	7	10	7%	431
60	D160C60	39.360	C	1 $\frac{1}{2}$	7	10	7%	564

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



Alteration Charges

See current discount sheet for alteration charges.

Double-Type QD

No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions										Weight (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	G	V	X	T	W	With Hub	Rim Only
35	D160M35	M	23.420	22.312	C6	5 $\frac{1}{2}$	6 $\frac{1}{4}$	6 $\frac{1}{4}$	9	2 $\frac{3}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{3}{4}$	5 $\frac{1}{2}$	1.119	3.424	259	222
45	D160N45	N	29.800	28.671	C6	6	8 $\frac{1}{2}$	8 $\frac{1}{2}$	10	2 $\frac{1}{2}$	2 $\frac{3}{4}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	6 $\frac{1}{4}$	1.119	3.424	377	340
60	D160N60	N	39.360	38.215	C6	6	8 $\frac{1}{2}$	8 $\frac{1}{2}$	10	2 $\frac{1}{2}$	2 $\frac{3}{4}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	6 $\frac{1}{4}$	1.119	3.424	509	472

No. 180 2 1/4" Pitch

All Steel Stock Sprockets



Single-Type B & C

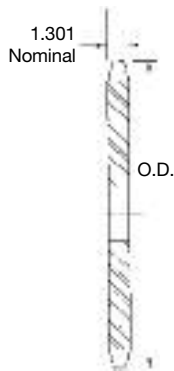
Single-Type A

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs (Approx.)	Type	Catalog Number	Stock Bore	Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru					
11	180B11	9.010	B	1 1/2	3%	5 1/2	3	29	A	180A11	1 1/2	14
12	180B12	9.750	B	1 1/2	4	6	3	32	A	180A12	1 1/2	16
13	180B13	10.480	B	1 1/2	4%	6 3/4	3 3/8	40	A	180A13	1 1/2	20
14	180B14	11.210	B	1 1/2	5 1/4	7	3 3/8	44	A	180A14	1 1/2	24
15	180B15	11.930	B	1 1/2	5 1/4	7	3 3/8	48	A	180A15	1 1/2	28
16	180B16	12.660	B	1 1/2	5 1/4	7	3 3/8	52	A	180A16	1 1/2	32
17	180B17	13.390	B	1 1/2	5 1/4	7	3 3/8	58	A	180A17	1 1/2	37
18	180B18	14.110	B	1 1/2	5 1/4	7	3 3/8	63	A	180A18	1 1/2	43
19	180B19	14.830	B	1 1/2	5%	7 1/2	3 3/8	74	A	180A19	1 1/2	47
20	180B20	15.560	B	1 1/2	5%	7 1/2	3 3/8	81	A	180A20	1 1/2	53
21	180B21	16.280	B	1 1/2	5%	7 1/2	3 3/8	83	A	180A21	1 1/2	57
22	180B22	17.000	B	1 1/2	5%	7 1/2	3 3/8	92	A	180A22	1 1/2	62
23	180B23	17.720	B	1 1/2	5%	7 1/2	3 3/8	99	A	180A23	1 1/2	69
24	180B24	18.440	B	1 1/2	5%	7 1/2	3 3/8	105	A	180A24	1 1/2	77
25	180B25	19.160	B	1 1/2	5%	7 1/2	3 3/8	113	A	180A25	1 1/2	84
28	180B28	21.320	B	1 1/2	5%	8	3 1/2	135	A	180A28	1 1/2	104
30	180C30	22.760	C	1 1/2	5%	8 1/2	4%	180	A	180A30	1 1/2	120
35	180C35	26.350	C	1 1/2	5%	8 1/2	4%	222	A	180A35	1 1/2	172
40	180C40	29.940	C	1 1/2	5%	8 1/2	4%	270	A	180A40	1 1/2	229
45	180C45	33.530	C	1 1/2	6	9	5	315	A	180A45	1 1/2	284
54	180C54	39.980	C	1 1/2	6	9	5	477	A	180A54	1 1/2	420
60	180C60	44.280	C	1 1/2	6 1/2	9 1/2	5%	489	A	180A60	1 1/2	505

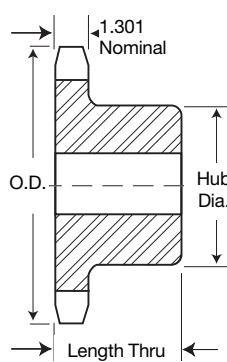


SPROCKETS

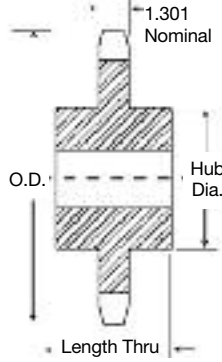
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.



TYPE A



TYPE B



TYPE C

Alteration Charges

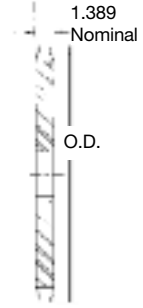
See current discount sheet for alteration charges.

Single-Type B & C

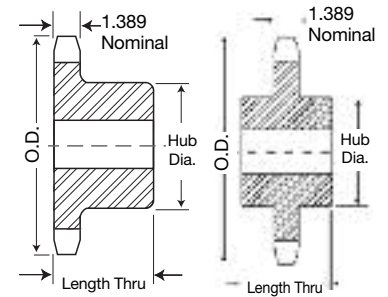
Single-Type A

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

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



TYPE A



TYPE B

TYPE C

Alteration Charges

See current discount sheet for alteration charges.

Single-Type QD

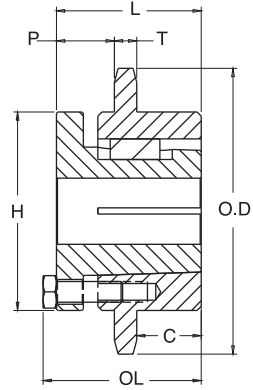
No. Teeth	Catalog Number	Bush-ing	Diameters		Type	Max. Bore	Dimensions									Weight (Approx.)	
			Outside Dia.	Pitch Dia.			L ₁	L ₂	C	Y	P	G	V	X	T	With Hub	Rim Only
12	200F12	F	10.830	9.660	C	3 1/16	3 3/8	4	6 3/8	1	1 1/16	1 1/8		2 1/2	1.389	25.5	24
13	200J13	J	11.640	10.447	C	4 1/16	4 1/2	5	7 1/4	1 1/16	2	1 1/16		3 3/8	1.389	50.5	32
14	200J14	J	12.460	11.235	C											57.5	39
15	200J15	J	13.260	12.025	C											62.5	44
16	200J16	J	14.070	12.815	C	4 1/16	4 1/2	5	7 1/4	1 1/16	2	1 1/16		3 3/8	1.389	68.5	50
17	200M17	M	14.870	13.605	C1	5 1/2	6 3/8	6 3/8	9	2 23/32	2 23/32	2 23/32	1 1/2	5 3/8	1.389	113	76
18	200M18	M	15.680	14.397	C1											119	82
19	200M19	M	16.480	15.910	C1											125	88
20	200M20	M	17.290	15.982	C1											134	97
21	200M21	M	18.090	16.775	C1											140	103
22	200M22	M	18.890	17.567	C1											149	112
23	200M23	M	19.690	18.360	C1											157	120
24	200M24	M	20.490	19.152	C1											168	131
25	200M25	M	21.290	19.947	C1											175	138
26	200M26	M	22.090	20.740	C1											185	148
28	200M28	M	23.690	22.330	C1											205	168
30	200M30	M	25.290	23.917	C1											227	190
32	200M32	M	26.880	25.505	C1											251	214
35	200M35	M	29.280	27.890	C1											265	228
40	200M40	M	33.270	31.865	C1	5 1/2	6 3/8	6 3/8	9	2 23/32	2 23/32	2 23/32	1 1/2	5 3/8	1.389	315	278
45	200N45	N	37.250	35.840	C1	5 1/2	8 1/8	8 1/8	10	3 13/32	3 13/32	3 13/32	1 1/16	6 1/4	1.389	405	348
54	200N54	N	44.420	42.995	C1	5 1/2	8 1/8	8 1/8	10	3 13/32	3 13/32	3 13/32	1 1/16	6 1/4	1.389	535	478
60	200N60	N	49.200	47.767	C1	5 1/2	8 1/8	8 1/8	10	3 13/32	3 13/32	3 13/32	1 1/16	6 1/4	1.389	665	608

SPROCKETS

No. 200
2 1/2" Pitch

MST®
Sprockets

Martin



TYPE 6

SPROCKETS

Single - MST® Sprockets

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

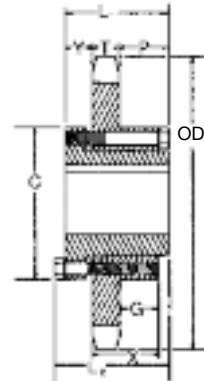
Sprockets with "H" suffix have hardened teeth.



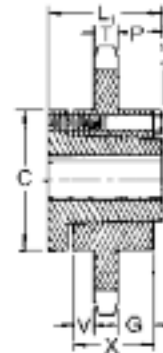
Double-Type B & C

No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru	
11	D200B11	10.020	B	2	3½	5½	5½	57
12	D200B12	10.830	B	2	4½	6½	6¼	80
13	D200B13	11.640	B	2	5½	7	6¾	96
14	D200B14	12.460	B	2	5½	8	6¾	119
15	D200B15	13.260	B	2	5½	8½	6¾	138
16	D200B16	14.070	B	2	5½	8½	6¾	161
17	D200B17	14.870	B	2	5½	8½	6¾	178
18	D200B18	15.680	B	2	5½	8½	6¾	196
19	D200B19	16.480	B	2	5½	8½	6¾	217
20	D200B20	17.290	B	2	5½	8½	6¾	236
21	D200B21	18.090	B	2	5½	8½	6¾	250
22	D200B22	18.890	B	2	5½	8½	6¾	284
23	D200B23	19.690	B	2	5½	8½	6¾	308
24	D200B24	20.490	B	2	5½	8½	6¾	330
25	D200B25	21.290	B	2	5½	8½	6¾	358
26	D200B26	22.090	B	2	5½	8½	6¾	386
45	D200C45	37.250	C	1½	7	10	8½	665
60	D200C60	49.200	C	1½	7	10	9	972

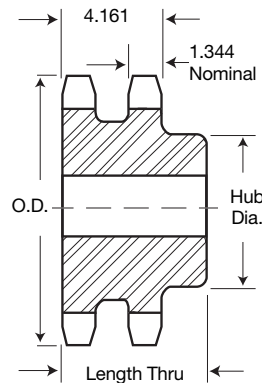
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat. Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.



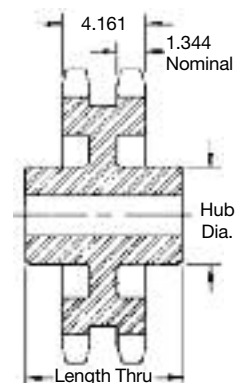
QD — TYPE C



QD — TYPE C1



TYPE B



TYPE C

Alteration Charges

See current discount sheet for alteration charges.

No. 240 3" Pitch

All Steel Stock Sprockets



Single-Type B & C

Single-Type A

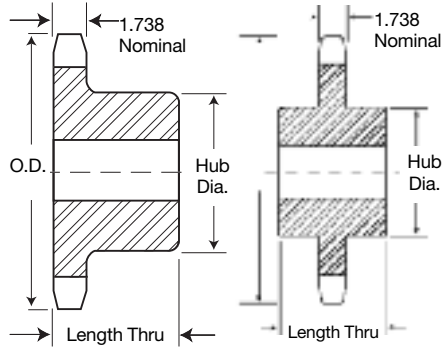
No. Teeth	Catalog Number	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight Lbs (Approx.)	Type	Catalog Number	Stock Bore	Weight Lbs. (Approx.)
				Stock	Rec. Max.	Dia.	Length Thru					
10	240B10	11.030	B	1½	4¾	6½	3¾	49	A	240A10	1½	30
11	240B11	12.020	B	1½	4¾	7	3¾	66	A	240A11	1½	37
12	240B12	13.000	B	1½	5¾	7½	3¾	72	A	240A12	1½	45
13	240B13	13.970	B	1½	5¾	7½	3¾	81	A	240A13	1½	54
14	240B14	14.940	B	1½	5¾	7¾	3¾	88	A	240A14	1½	62
15	240B15	15.910	B	1½	5¾	7¾	3¾	98	A	240A15	1½	68
16	240B16	16.880	B	1½	5¾	8	4¾	120	A	240A16	1½	82
17	240B17	17.850	B	1½	5¾	8	4¾	137	A	240A17	1½	93
18	240B18	18.810	B	1½	5¾	8	4¾	142	A	240A18	1½	108
19	240B19	19.780	B	1½	5¾	8	4¾	154	A	240A19	1½	120
20	240B20	20.740	B	1½	5¾	8	4¾	169	A	240A20	1½	128
21	240B21	21.710	B	1½	5¾	8	4¾	186	A	240A21	1½	148
25	240B25	25.550	B	1½	5¾	8	4¾	254	A	240A25	1½	208
30	240C30	30.340	C	1½	6	9	6¾	398	A	240A30	1½	310
35	240C35	35.130	C	1½	6	9	6¾	527	A	240A35	1½	416
40	240C40	39.920	C	1½	7	10	6¾	672	A	240A40	1½	548
45	240C45	44.700	C	1½	7	10	6¾	850	A	240A45	1½	702
54	240C54	53.310	C	1½	7	10	6¾	1148	A	240A54	1½	1022
60	240C60	59.040	C	1½	7	10	6¾	1419	A	240A60	1½	1268



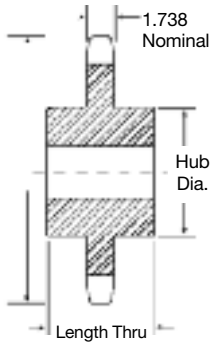
SPROCKETS



TYPE A



TYPE B



TYPE C