

Catalog  
No. 897

**Linn**  
GEAR CO.

[www.linngear.com](http://www.linngear.com)

**STOCK AND CUSTOM  
POWER TRANSMISSION  
PRODUCTS**

**Sprockets**

**Gears**

**Shafts**

**Bushings**

**Collars**

**Keys**

**MADE  
IN  
U.S.A.**

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# STAINLESS EXPERTS

Linn Gear Co. has been manufacturing Stainless Steel Power Transmission Products for over 30 years

Using the highest quality raw materials, the latest proven technology, and having the fastest response times...Linn Gear has built a reputation of making the best quality, longest lasting products.

So specify Linn Gear the next time you need a stainless steel gear, sprocket, collar or other power transmission product.

MADE IN U.S.A.

www.linngear.com

*Linn*  
GEAR CO.

### IN STOCK

Many sizes and types of sprockets, gears & collars are in stock ready for delivery.

*L*

Look for this symbol. The stamp of quality

### MADE TO ORDER

24 hours a day to give you the fastest turn-around in the industry. Stainless, carbon & alloy steels, nylon & other materials available.

## PRODUCTS AVAILABLE FROM LINN GEAR

SPROCKETS	GEARS	OTHER PRODUCTS
<p><b>ANSI STANDARD ROLLER CHAIN SPROCKETS:</b></p> <ul style="list-style-type: none"> <li>- #25 THROUGH #240</li> <li>- TYPE A, B &amp; C</li> <li>- FINISHED BORE</li> <li>- DOUBLE - SINGLE</li> <li>- DOUBLE, TRIPLE &amp; QUAD STRAND</li> <li>- IDLER</li> <li>- TAPER-LOCK®</li> <li>- Q.D.®</li> <li>- STAINLESS STEEL</li> </ul> <p><b>METRIC SPROCKETS</b></p> <p><b>MILL &amp; DRAG CHAIN SPROCKETS</b></p> <p><b>CHAIN COUPLINGS</b></p> <p><b>READY SPROCKETS</b></p>	<p><b>SPUR GEARS</b></p> <ul style="list-style-type: none"> <li>- INTERNAL</li> <li>- EXTERNAL</li> <li>- RACK</li> <li>- CHANGE</li> </ul> <p><b>BEVEL &amp; MITER GEARS</b></p> <ul style="list-style-type: none"> <li>- STRAIGHT</li> <li>- SPIRAL or SKEW</li> </ul> <p><b>GEAR BOX REPAIR</b></p> <p><b>HELICAL GEARS</b></p> <p><b>HERRINGBONE GEARS</b></p> <p><b>WORMS &amp; WORM GEARS</b></p> <p><b>SPLINES</b></p> <p style="text-align: center;"><i>Linn</i></p> <p style="text-align: center;">www.linngear.com</p>	<p><b>LSB SPROCKETS (FOR HTD® BELTS)</b></p> <p><b>TIMING PULLEYS</b></p> <p><b>BUSHINGS &amp; ADAPTERS</b></p> <ul style="list-style-type: none"> <li>- TAPER-LOCK®</li> <li>- Q.D.®</li> <li>- B-LOC</li> </ul> <p><b>SHAFT COLLARS</b></p> <ul style="list-style-type: none"> <li>- SOLID</li> <li>- SPLIT</li> <li>- STAINLESS</li> </ul> <p><b>SPLIT HUBS</b></p> <p><b>TAPERED KEYS</b></p> <p style="text-align: center;"><b><u>NEW!</u></b></p> <p style="text-align: center;"><b><u>PRECISION</u></b></p> <p style="text-align: center;"><b><u>CYLINDRICAL</u></b></p> <p style="text-align: center;"><b><u>GRINDING</u></b></p>

# **LINN GEAR COMPANY**

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## **GENERAL INFORMATION**

### **MATERIAL AND HEAT TREATING**

LINN sprockets and gears are made from medium carbon steel and can be hardened without carburizing. Stainless Steel sprockets are grade 303 or 304. Hardenable grades available made-to-order.

Efficient heat treating facilities make the cost of hardening the teeth very small in relation to the total cost of manufacturing a sprocket or gear. Life expectancy may well be double, or more, that of an unhardened part. When replacement labor, potential down-time, lost production and increased chain life are considered, heat treating is paid for many times over.

As set-up time for hardening a small part may be high in relation to the cost of the part, we furnish small, solid sprockets with hardened teeth as stock items. They are indicated by the letter 'H' ending the catalog number.

Larger sizes can all be hardened and the charges are listed at the bottom of each page.

### **WARRANTY**

Linn Gear Co. warrants that its products themselves will, when delivered, be free of defects in workmanship or material. Linn Gear Co.'s liability for any breach of warranty shall be limited to either the return of the defective goods and repayment of the purchase price, or repair and replacement of the nonconforming goods or parts as the Seller may elect. **IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INDIRECT OR CONSEQUENTIAL DAMAGES.**

**ALL SALES ARE MADE ON THE EXPRESS UNDERSTANDING THAT BUYER ACKNOWLEDGES THAT THERE ARE NO IMPLIED WARRANTIES THAT THE GOODS SHALL BE MERCHANTABILITY OR IMPLIED WARRANTY THAT THE GOODS SHALL BE FIT FOR A PARTICULAR PURPOSE. THE BUYER ACKNOWLEDGES THAT HE IS NOT RELYING ON SELLER'S SKILL OR JUDGEMENT TO SELECT OR FURNISH GOODS SUITABLE FOR ANY PARTICULAR PURPOSE AND THAT THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE OF LINN GEAR CO. QUOTATIONS, PACKING LISTS AND/OR INVOICES. THIS WARRANTY SHALL NOT BE EXTENDED, ALTERED OR VARIED EXCEPT BY A WRITTEN DOCUMENT SIGNED BY BOTH SELLER AND BUYER.**

**THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE OR FITNESS FOR A PARTICULAR PURPOSE. NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THESE GOODS.**

In the event suit or action is instituted to collect any sums due or payable by reason of the sale of goods, the prevailing party shall be entitled to reasonable attorney fees at either the trial or appellate levels, in addition to all other costs and disbursements.

### **DIMENSIONS AND WEIGHTS**

We reserve the right to make changes in design or dimensions of our products in order to improve quality or manufacturing techniques. Dimensions in this catalog are for reference only and are not warranted beyond the use of extreme care in their preparation.

All weights are approximate and the actual weight of the shipment will be the determining factor in freight allowance.

### **NON - STANDARD DIMENSIONS**

Please secure a quotation whenever catalog specifications or listed alteration charges do not provide for pricing of the item required. In requesting a quotation please supply all the information available in writing and include a print if possible. Orders for non-stock or altered parts are subject to cancellation charges after work has been started.

Do not specify hub diameters, lengths or other variable dimensions unless absolutely necessary as variations from stock dimensions will usually require an additional charge.

### **SPECIAL RUNS - LARGE QUANTITIES OR NON-STOCK ITEMS**

For large quantities it may be advantageous to secure a quotation. If delivery time permits a special run a price lower than that of a standard part plus tabulated alteration charges may be possible. We invite your inquiries for sprockets or gears of non-stock dimensions or made from alloy steels, stainless steel, bronze, aluminum, plastic or other materials.

Because of material defects, mis-counting, loss in manufacturing or other factors, it is difficult on large orders to complete the exact number of parts specified. Whenever the quantity of made-to-order or altered stock parts completed is within 5% (over or under) of the quantity ordered we will ship and bill for the number actually completed and consider the order complete. Prices will be the same per part as for the number ordered.

### **SAFETY CAUTION**

Inspection, installation, maintenance and operation of products manufactured or supplied by Linn Gear Co. in a safe manner and in compliance with all applicable laws, regulations and standards is the responsibility of the installer, purchaser, user and/or owner.

**IDLER SPROCKETS:** Ball Bearing Idler Sprockets have sealed ball bearing with extended inner race and setscrews for securing to shaft. For No. 35 through No. 160 Chain.

Page 10



**READY SPROCKETS:** An assortment of sprockets and hubs drilled and tapped for simple, convenient assembly with standard hex head cap screws. For No. 35 through No. 100 Chain, with stock finished bore hubs to accommodate shaft sizes through 2 3/4" diameter, plus a variety of square, hex, spline and tapered key bores.

Pages 11 through 25



*Includes NEW DOUBLE-SINGLE Hubs.*

**FINISHED BORE SPROCKETS:** No. 35 through No. 80 with standard keyway and setscrew. Many sizes stocked both with and without induction hardened teeth.

Pages 26 through 32



**TAPER-LOCK® SPROCKETS:** Single strand steel sprockets - No. 35 through No. 200. Many sizes stocked both with and without induction hardened teeth.

TAPER-LOCK is a Registered Trademark of Dodge/Rockwell Automation

Pages 33 through 43



**TAPER-LOCK® BUSHINGS:** Standard inch bore bushings through 8065, metric bore bushings through 3020, and steel bushings through 4040. Some sizes stocked in stainless steel, other sizes available made-to-order.

Pages 44 through 46



**WELD-IN HUBS FOR TAPER-LOCK® BUSHINGS:** Many items can be conveniently adapted to various shaft sizes by welding in these adapter hubs. Stock sizes allow bushing bores through 8".

Page 47





**Q.D.® SPROCKETS:** Single strand steel sprockets - No. 40 through No. 160.

Q.D. is a Registered Trademark of Emerson Electric Co.

Pages 48 through 55



**Q.D.® BUSHINGS:** Standard bushings from JA through S in shaft sizes to 10".

Pages 56 and 57



**WELD-IN ADAPTERS FOR Q.D.® BUSHINGS:** For adapting sprockets or other items to use Q.D.® Bushings with bore sizes up to 10".

Page 58



**TYPE A SPROCKETS:** Single strand Type A steel sprockets - No. 25 through No. 240 including many sizes stocked with and without induction hardened teeth.

Pages 59 through 72



**SPLIT HUBS FOR ROLLER CHAIN SPROCKETS:** For pricing of split roller chain sprockets. Split hubs for mill chain sprockets are listed on page 187.

Page 73



**TYPE B SPROCKETS:** Single strand Type B steel sprockets - No. 25 through No. 240.

Pages 74 through 87



**TYPE C SPROCKETS:** Single strand Type C steel sprockets - No. 35 through No. 240.

Pages 88 through 100



**STAINLESS STEEL SPROCKETS:** Single strand Finished Bore sprockets - No. 25, 35, 40, 50 and 60 with 2 set screws; single strand Type A stainless steel plate sprockets - No. 40, 50, 60 and NEW 80; and single strand Type B stainless steel sprockets - No. 25 through No. 100. (Includes NEW Type A & B sizes).

**NEW FINISHED BORE SPROCKETS:** Pages 101 through 105



**TYPE A SPROCKETS:** Pages 106 through 109

**TYPE B SPROCKETS:** Pages 110 through 117



**DOUBLE-SINGLE SPROCKETS:** Double strand sprockets for use with 2 single chains for roll case and conveyor drives. Taper-Lock® bushed - No. 40 through No. 100. For re-boring - No. 40 through No. 160.

**TAPER-LOCK® BUSHED SPROCKETS:** Pages 118 and 119

**STOCK BORE SPROCKETS:** Pages 120 and 121



**DOUBLE TAPER-LOCK® SPROCKETS:** Double strand Taper-Lock® bushed steel sprockets - No. 35 through No. 80.

Pages 122 through 126





**DOUBLE STRAND - MANDREL BORE:** Double strand steel sprockets for re-boring - No. 35 through No. 200.

Pages 127 through 136



**TRIPLE STRAND - MANDREL BORE:** Triple strand steel sprockets for re-boring - No. 35 through No. 200.

Pages 137 through 146



**QUADRUPLE STRAND - MANDREL BORE:** Four strand steel sprockets for re-boring - No. 35 through No. 120.

Pages 147 through 153



**EXTENDED PITCH TAPER-LOCK® - SMALL ROLL:** Taper-Lock® bushed steel sprockets for small roll series extended pitch chains - No. 2040 through No. 2080.

Pages 154 and 155



**EXTENDED PITCH TYPE A SMALL ROLL:** Type A steel plate sprockets for small roll series extended pitch chains - No. 2040 through No. 2120.

Pages 156 through 159



**EXTENDED PITCH TYPE B SMALL ROLL:** Type B steel sprockets for small roll series extended pitch chains - No. 2040 through No. 2120.

Pages 160 through 165



**EXTENDED PITCH TYPE A LARGE ROLL:** Type A steel plate sprockets for large roll series extended pitch chains - No. 2042 through No. 2122.

Pages 166 through 171



**EXTENDED PITCH TYPE B LARGE ROLL:** Type B steel sprockets for large roll series extended pitch chains - No. 2042 through No. 2122.

Pages 172 through 177



**MILL AND ENGINEERING CHAIN SPROCKETS:** Flame cut steel sprockets for nine different sizes of chains are stocked. Other sizes or odd shapes are available utilizing our CAD, CAM and CNC systems.

Pages 178 through 186



**SPLIT HUBS FOR MILL CHAIN SPROCKETS:** For pricing of split mill chain sprockets. Split hubs for roller chain sprockets are listed on page 73.

Page 187





**SPLIT STEEL SHAFT COLLARS:** Our unique design is more compact than cast collars and is easily assembled. Stocked in popular shaft sizes from 1" through 5 15/16".

Page 188



**STAINLESS STEEL SHAFT COLLARS:** Stock sizes from 1/8" through 3".

Page 189



**SOLID STEEL SHAFT COLLARS:** Solid steel shaft collars from 1/8" through 6".

Pages 190 and 191



**TAPERED KEYS:** Plain and gib head from 1/4" through 1 1/2".

Page 192



**HINGE TOP CONVEYOR CHAIN SPROCKETS:** Steel sprockets with or without shroud plates in a wide range of tooth sizes. Several sizes stocked both with and without center groove.

Page 193



**CHAIN COUPLINGS AND COVERS:** Finished bore, Stock bore and Taper-Lock® bushed chain couplings through 5" bore in a wide variety of sizes from - No. 40 through No. 120 chain.

Pages 194 and 195



**DRIVESAVER OVERLOAD CLUTCH:** Simple economical and adjustable overload protection for shaft sizes from 1/4" through 3 1/2".

Pages 196 and 197



**PIPE ADAPTERS:** Adapters for welding into standard 4", 6" and 8" pipe are stocked in a variety of shaft sizes in plain A Type, B Type with hub for re-boring and for both Taper-Lock® and Q.D.® bushings.

Page 198



**GEAR RACK:** Standard steel gear rack in 14 1/2° pressure angle - 20 Diametral Pitch through 3 Diametral Pitch are stocked. 20° P. A., circular and metric pitches are available made-to-order.

Page 199



**SPUR GEARS:** Steel spur gears in 20 Diametral Pitch through 2 Diametral Pitch with 14 1/2° pressure angle are stocked. Other circular, metric or D. P. sizes are available made-to-order in either 14 1/2° or 20° pressure angle from steel, nylon, phenolic, bronze, cast iron or other materials up to 96" diameter.

Pages 200 through 210





**CHANGE GEARS:** Steel change gears and bushings stocked in all tooth sizes for 20, 16, 12, 10 and 8 Diametral Pitch - 14 1/2° pressure angle.

Pages 211 through 215



**MITER GEARS:** Steel miter gears - 16 Diametral Pitch through 3 Diametral Pitch with 20° pressure angle.

Pages 216 and 217



**HARDENED MITER GEARS:** Steel miter gears with hardened teeth in both plain bore and with keyway and setscrew - 16 Diametral Pitch through 4 Diametral Pitch with 20° pressure angle.

Page 218



**BEVEL GEARS:** Steel bevel gears - 16 Diametral Pitch through 3 Diametral Pitch with 20° pressure angle. Bevel gears can be made-to-order up to 60" in diameter.

Pages 219 through 221

**SPIRAL BEVEL AND MITER GEARS:** Spiral bevel and miter gears are available made-to-order in 1" to 60" pitch diameter.





**HELICAL GEARS:** Steel helical gears in 16, 12, 10, 8 and 6 Transverse Diametral Pitch, 14 1/2° Normal Pressure Angle and 45° Helix Angle are stocked both with and without hubs. Type A (no hub) are stocked with finished bore only. Type B (with hub) are stocked with finished bore and stock bore for re-boring. All sizes have hardened teeth and are refinished after heat treating for improved accuracy and durability. Sizes not available from stock can usually be made-to-order.

**Type A:** Pages 222 through 224

**Type B:** Pages 225 through 227



**LSB SPROCKETS FOR HTD® BELTS:** Machined steel sprockets with steel flanges; 8 MM Pitch available in 20, 30 and 50 MM width; 14 MM Pitch stocked in 40 MM width only. Other sizes or materials made-to-order.

HTD is a Registered Trademark of the Gates Rubber Co., manufacturer of HTD® belts and sprockets.

*WE CARRY OVER 300 SPROCKET SIZES  
NOT AVAILABLE FROM STOCK ANYWHERE ELSE.*

Pages 228 through 234



**CHARTS AND MISCELLANEOUS INFORMATION:**

Pages 235 through 240

**ADDITIONAL COMPANY AND  
PRODUCT INFORMATION  
AVAILABLE AT OUR  
WEBSITE:**

**[www.linngear.com](http://www.linngear.com)**



**ASK US ABOUT  
GEAR BOX REPAIR  
AND  
PRECISION  
CYLINDRICAL GRINDING  
CAPABILITIES**

**HERRINGBONE GEARS:** Herringbone gears are not stocked but are available made-to-order in 16 D. P. through 1 1/2 D. P. to 96" diameter, 18" face.



**WORM GEARS AND WORMS:** Worm gears and worms are not stocked but can be made-to-order in a wide range of configurations. Gears: to 87" dia.; Worms: to 6" diameter; can be ground if required.

Idler



**IDLER SPROCKETS - BALL BEARING**

Single Strand Steel Sprockets - Sealed Ball Bearing

A. N. S. I. No. 35, 41, 40, 50, 60, 80, 100, 120, 140, 160

Size and List Price			Dimensions - Weights					
Chain Size and No. Teeth	Catalog No.	List Price	Bearing Size	Length Thru Bore	Projection From Centerline**	Pitch Diameter	Basic Dynamic Rating (Lbs.)	Approx. Weight
35-19	BB 35-19		.500	.968	.375x .593	2.278	2610	.2
35-21	BB 35-21		.625	.968	.375X .593	2.516	2610	.2
41-15	BB 41-15		.500	.968	.375X .593	2.405	2610	.2
41-18	BB 41-18		.625	.968	.375X .593	2.879	2610	.2
40-15	BB 40-15		.500	.968	.375X .593	2.405	2610	.2
40-18	BB 40-18		.625	.968	.375X .593	2.879	2610	.3
50-13	BB 50-13		.625	.968	.375X .593	2.612	2610	.4
50-15	BB 50-15		.750	1.155	.437X .718	3.006	3190	.8
60-12	BB 60-12		.750	1.155	.437X .718	2.898	3190	1.0
60-15	BB 60-15		1.000	1.218	.437X .781	3.607	3490	1.5
80-12	BB80-12-1		1.000	1.218	.437X .781	3.864	3490	2.4
80-12	BB 80-12		1.250	1.406	.531X .875	3.864	4875	2.4
80-15	BB 80-15		1.437	1.530	.593X .937	4.810	6420	4.0
100-12	BB100-12		1.250	1.530	.593X .937	4.830	6420	4.5
100-15	BB100-15		1.500	1.937	.750X1.187	6.012	8150	6.5
120-12	BB120-12		1.500	1.937	.750X1.187	5.796	8150	7.5
120-15	BB120-15		1.937	2.031	.750X1.281	7.215	8740	12.0
140-12	BB140-12		1.500	1.937	.750X1.187	6.762	8150	9.0
140-15	BB140-15		1.937	2.031	.750X1.281	8.417	8740	16.0
160-12	BB160-12		2.187	2.187	.875X1.312	7.727	10800	16.0
160-15	BB160-15		2.437	2.562	1.000X1.562	9.620	13050	25.0

\*\* Due to dimensional variations among bearing manufacturers this dimension may vary slightly when different brands of bearings are used. If you have a critical application please call for specific dimensions.

Inner race projection has 2 setscrews on long side to secure bearing to shaft.

\*Basic Dynamic Ratings\* calculated according to AFBMA standard for "Load Ratings And Fatigue Life For Ball Bearings"

Accurately machined, medium carbon steel sprockets and precision ground ball bearings are assembled to provide a heavy duty idler for the most severe conditions. The bearings are pre-lubricated and sealed to retain grease and exclude dirt and moisture. They are not re-lubricatable. The extended inner race with setscrews allows fastening to a pin or shaft without collars or spacing devices. It also provides clearance for the chain when bolting the sprocket directly to a frame member or tensioning device. A small sprocket for close quarters and a larger one for heavier service is provided in each pitch. If sizes other than those listed are required, please inquire for quotation.



# READY SPROCKETS & HUBS



- ECONOMY -

- CONVENIENCE -

- QUALITY -



**NEW!**

**DSR HUBS FOR DOUBLE-SINGLE  
OR COMPOUND SPROCKETS**

See Pages 21 Through 25



## MANY SPROCKETS NOW AVAILABLE WITH HARDENED TEETH

**READY SPROCKETS & HUBS** are assembled with hex head cap screws and a wrench. We guarantee these sprockets to perform as well as solid or welded sprockets when properly assembled and installed. The table at right shows that the strength of a **READY SPROCKET** compared to a solid or welded sprocket is not an issue. *The key will shear before the bolts will break.*

Sprockets are available for No. 35 through No. 100 roller chain. In addition to standard round bores we stock single-shoulder hubs with **square, hex and splined bores** and with **tapered keyways**.

**New double-shoulder hubs provide additional flexibility and utility.** Many sizes are also available now with our standard high quality heat treating of the teeth, yielding substantial economic value.

**READY SPROCKETS** are cost effective to purchase, replace and inventory. Since the hubs don't have to be replaced when the sprocket wears out **replacement cost is as little as half the original cost.** The cost of a rebored or bushed sprocket is significantly more, and the **READY SPROCKET** is available from stock.

Hub Size	Sprocket Assembly Torque Capacities (lb. ft.)	Allowable Key Torque (lb. ft.)	Allowable Chain Torque (lb. ft.)
R10	670	213	73
R12	760	309	293
R15	1510	701	574
R17	1660	863	1101
R22	3170	1848	1578
R27	5175	3275	2940

This table shows strengths of chains, keys and sprockets for the largest stock sprocket, chain and bore size for each hub in the R series. This is a general guideline only, illustrating that **the strength of a READY SPROCKET exceeds that of the key and the chain**, when properly assembled with four Grade 8 cap screws (as originally furnished).

"R" Hubs - For Assembly With "AR" Plate Sprockets



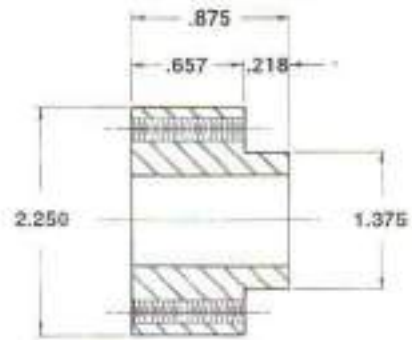
Round Bore	Available In			
	R10	R12	R15	R17
1/2	X*	X*	X*	X*
9/16	X	X	X	X
5/8	X	X	X	X
11/16	X	X	X	X
3/4	X	X	X	X
13/16	X	X	X	X
7/8	X	X	X	X
15/16	X	X	X	X
1	X	X	X	X
1 1/16		X	X	X
1 1/8		X	X	X
1 3/16		X	X	X
1 1/4		X	X	X
1 5/16			X	X
1 3/8			X	X
1 7/16			X	X
1 1/2			X	X
1 9/16				X
1 5/8				X
1 11/16				X
1 3/4				X
<b>Square Bore</b>				
3/4	X	X	X	X
7/8	X	X	X	X
15/16		X	X	X
1		X	X	X
1 1/8			X	X
1 1/4			X	X
<b>Hex Bore</b>				
7/8	X	X	X	X
1	X	X	X	X
<b>Splined Bore</b>				
1-6B	X	X	X	X
1-10B	X	X	X	X
1 1/4-6B	X	X	X	X
1 3/8-6B		X	X	X
1 3/8-10B		X	X	X

Round bore hubs have standard keyway and setscrew. Square, Hex and Splined bore hubs have setscrew only. Grade 8 cap screws are included with the hub.

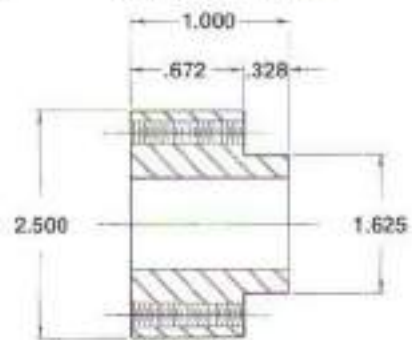
Order by hub number and bore size.

\* These sizes available with plain stock bore. Add suffix P to catalog number.

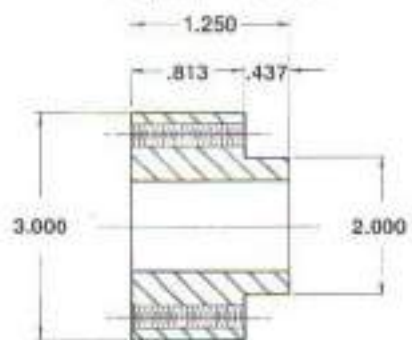
R10 Hub \$16.00 List  
Avg. Wt. - .7 Lbs.



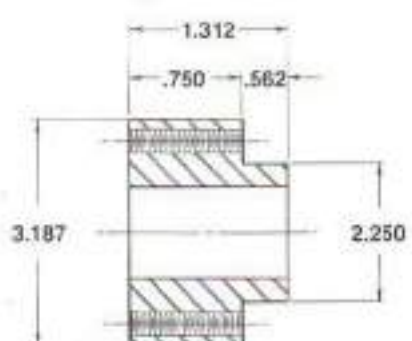
R12 Hub \$20.00 List  
Avg. Wt. - .9 Lbs.



R15 Hub \$24.00 List  
Avg. Wt. - 1.5 Lbs.



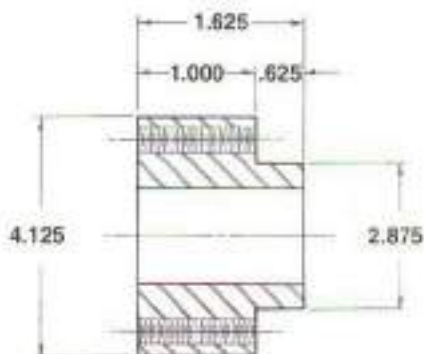
R17 Hub \$28.00 List  
Avg. Wt. - 1.9 Lbs.



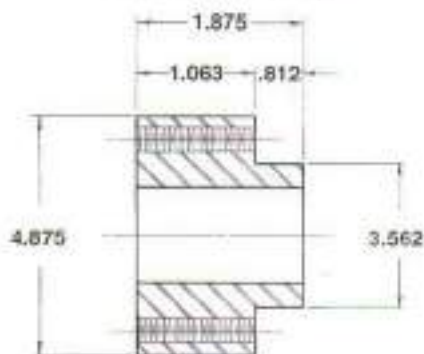


"R" Hubs - For Assembly With "AR" Plate Sprockets

R22 Hub \$44.00 List  
Avg. Wt. - 5 Lbs.



R27 Hub \$60.00 List  
Avg. Wt. - 8 Lbs.



Double-Single hub assemblies listed on pages 21 through 25



Round Bore	Available With K.W. and S.S. In		Available With Tapered K.W. In	
	R22	R27	R22	R27
5/8	X*			
11/16	X			
3/4	X			
13/16	X			
7/8	X			
15/16	X			
1	X	X*		
1 1/16	X	X		
1 1/8	X	X		
1 3/16	X	X		
1 1/4	X	X		
1 5/16	X	X		
1 3/8	X	X		
1 7/16	X	X		
1 1/2	X	X		
1 9/16	X	X		
1 5/8	X	X		
1 11/16	X	X		
1 3/4	X	X		
1 13/16	X	X	X	X
1 7/8	X	X	X	X
1 15/16	X	X	X	X
2	X	X	X	X
2 1/16	X	X	X	X
2 1/8	X	X	X	X
2 3/16	X	X	X	X
2 1/4	X	X	X	X
2 5/16		X		
2 3/8		X		X
2 7/16		X		X
2 1/2		X		X
2 9/16		X		
2 5/8		X		X
2 11/16		X		
2 3/4		X		X

Grade 8 cap screws are included with the hub.

Order by hub number and bore size.

\*These sizes available with plain stock bore. Add suffix P to part number. Hubs with tapered keyway are furnished without set screw.

Add suffix T to part number for tapered keyway.

35 AR



3/8" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 35 - Type A Sprockets - Bored and Drilled For Assembly With " R " Hubs

Size and List Prices				Stock Hub Bores				Dimensions		
Catalog No.	Sprocket Only	Hub Only	Hub No.	Round	Square	Hex	Spline	Pitch Diameter	Sprocket Bore	Length Through Hub
35AR23			R10					2.754	1.375	.875
35AR24			R10					2.873	1.375	.875
35AR25			R10	1/2"	3/4"	7/8"	1-6B	2.992	1.375	.875
35AR26			R10	To	7/8"	1"	1-10B	3.111	1.375	.875
35AR28			R10	1"			1 1/4-6B	3.349	1.375	.875
35AR30			R10					3.588	1.375	.875
35AR32			R12					3.826	1.625	1.000
35AR35			R12					4.183	1.625	1.000
35AR36			R12	1/2"	3/4"	7/8"	1-6B	4.303	1.625	1.000
35AR40			R12	To	7/8"	1"	1-10B	4.780	1.625	1.000
35AR45			R12	1 1/4"	15/16"		1 1/4-6B	5.376	1.625	1.000
35AR48			R12		1"		1 3/8-6B	5.734	1.625	1.000
35AR54			R12				1 3/8-10B	6.449	1.625	1.000
35AR60			R12					7.165	1.625	1.000

Additional single-shoulder hub information on pages 12 & 13. Double-Single hub assemblies listed on pages 21 through 25.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$.30 per tooth to the list price.



1/2" PITCH (.306 Roll) - SINGLE STRAND - STEEL

A.N.S.I. No. 41 - Type A Sprockets - Bored and Drilled For Assembly With " R " Hubs

Size and List Prices				Stock Hub Bores				Dimensions		
Catalog No.	Sprocket Only	Hub Only	Hub No.	Round	Square	Hex	Spline	Pitch Diameter	Sprocket Bore	Length Through Hub
41AR18			R10	1/2"	3/4"	7/8"	1-6B	2.879	1.375	.875
41AR19			R10					3.038	1.375	.875
41AR20			R10	To	7/8"	1"	1-10B	3.196	1.375	.875
41AR21			R10	1"			1 1/4-6B	3.355	1.375	.875
41AR22			R10					3.513	1.375	.875
41AR23			R12					4.672	1.625	1.000
41AR24			R12					3.831	1.625	1.000
41A425			R12					3.989	1.625	1.000
41AR26			R12	1/2"	3/4"	7/8"	1-6B	4.148	1.625	1.000
41AR28			R12	To	7/8"	1"	1-10B	4.466	1.625	1.000
41AR30			R12					4.783	1.625	1.000
41AR32			R12	1 1/4"	15/16"		1 1/4-6B	5.101	1.625	1.000
41AR35			R12		1"		1 3/8-6B	5.578	1.625	1.000
41AR36			R12					5.737	1.625	1.000
41AR40			R12				1 3/8-10B	6.373	1.625	1.000
41AR45			R12					7.168	1.625	1.000
41AR48			R12					7.645	1.625	1.000
41AR54			R15	1/2" To	3/4" 7/8"			8.599	2.000	1.250
41AR60			R15	1 1/2"	15/16" 1" 1 1/8" 1 1/4"			9.554	2.000	1.250

Additional single-shoulder hub information on pages 12 & 13. Double-Single hub assemblies listed on pages 21 through 25.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$.40 per tooth to the list price.

40 AR



*Lin*

1/2" PITCH (.312 Roll) - SINGLE STRAND - STEEL

A.N.S.I. No. 40 - Type A Sprockets - Bored and Drilled For Assembly With " R " Hubs

Size and List Prices					Stock Hub Bores				Dimensions		
Catalog No.	Sprocket Only	Hardened Sprocket Only	Hub Only	Hub No.	Round	Square	Hex	Spline	Pitch Diameter	Sprocket Bore	Length Through Hub
40AR19(H)				R12	1/2"	3/4"			3.038	1.625	1.000
40AR20(H)				R12	To	7/8"			3.196	1.625	1.000
40AR21(H)				R12	1 1/4"	15/16"	*		3.355	1.625	1.000
40AR22(H)				R12		1"			3.513	1.625	1.000
40AR23(H)				R15					3.672	2.000	1.250
40AR24(H)				R15					3.831	2.000	1.250
40AR25(H)				R15					3.989	2.000	1.250
40AR26(H)				R15					4.148	2.000	1.250
40AR27(H)				R15					4.307	2.000	1.250
40AR28(H)				R15					4.466	2.000	1.250
40AR30(H)				R15	1/2"	3/4"	7/8"	1-6B	4.783	2.000	1.250
40AR32				R15	To	7/8"		1-10B	5.101	2.000	1.250
						15/16"	1"	1 1/4-6B			
40AR34				R15		1"		1 3/8-6B	5.419	2.000	1.250
40AR35				R15	1 1/2"	1 1/8"		1 3/8-10B	5.578	2.000	1.250
40AR36				R15		1 1/4"			5.737	2.000	1.250
40AR38				R15					6.055	2.000	1.250
40AR40				R15					6.373	2.000	1.250
40AR42				R15					6.691	2.000	1.250
40AR45				R15					7.168	2.000	1.250
40AR48				R15					7.645	2.000	1.250
40AR54				R17					8.599	2.250	1.312
40AR60				R17	1/2"				9.554	2.250	1.312
40AR70				R17					11.145	2.250	1.312
40AR72				R17	To				11.463	2.250	1.312
40AR80				R17	1 3/4"				12.736	2.250	1.312
40AR84				R17					13.372	2.250	1.312
40AR96				R22	5/8"				15.282	2.875	1.625
					To						
					2 1/4"						

Additional single-shoulder hub information on pages 12 & 13. Double-Single hub assemblies listed on pages 21 through 25.

**HARDENING** - Over 30 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.40 per tooth to the list price.



5/8" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 50 - Type A Sprockets - Bored and Drilled For Assembly With " R " Hubs

Size and List Prices					Stock Hub Bores				Dimensions		
Catalog No.	Sprocket Only	Hardened Sprocket Only	Hub Only	Hub No.	Round	Square	Hex	Spline	Pitch Diameter	Sprocket Bore	Length Through Hub
50AR16(H)				R12	1/2"	3/4"			3.204	1.625	1.000
50AR17(H)				R12	To	7/8"			3.401	1.625	1.000
50AR18(H)				R12	1 1/4"	15/16"			3.599	1.625	1.000
						1"					
50AR19(H)				R15					3.797	2.000	1.250
50AR20(H)				R15					3.995	2.000	1.250
50AR21(H)				R15					4.193	2.000	1.250
50AR22(H)				R15					4.392	2.000	1.250
50AR23(H)				R15					4.590	2.000	1.250
50AR24(H)				R15	1/2"	3/4"	7/8"	1-6B	4.768	2.000	1.250
50AR25(H)				R15		7/8"		1-10B	4.987	2.000	1.250
50AR26(H)				R15	To	15/16"	1"	1 1/4-6B	5.185	2.000	1.250
						1"		1 3/8-6B			
50AR27(H)				R15	1 1/2"	1 1/8"		1 3/8-10B	5.384	2.000	1.250
50AR28(H)				R15		1 1/4"			5.582	2.000	1.250
50AR30(H)				R15					5.979	2.000	1.250
50AR32				R15					6.376	2.000	1.250
50AR34				R15					6.774	2.000	1.250
50AR35				R15					6.972	2.000	1.250
50AR36				R15					7.171	2.000	1.250
50AR38				R15					7.568	2.000	1.250
50AR40				R17					7.966	2.250	1.312
50AR42				R17					8.363	2.250	1.312
50AR45				R17	1/2"				8.960	2.250	1.312
50AR48				R17	To				9.556	2.250	1.312
50AR54				R17					10.749	2.250	1.312
50AR60				R17	1 3/4"				11.942	2.250	1.312
50AR70				R17					13.931	2.250	1.312
50AR72				R17					14.328	2.250	1.312
50AR80				R22	5/8"				15.920	2.875	1.625
50AR84				R22	To				16.715	2.875	1.625
50AR96				R22	2 1/4"				19.102	2.875	1.625

Additional single-shoulder hub information on pages 12 & 13. Double-Single hub assemblies listed on pages 21 through 25.

**HARDENING** - Over 30 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.45 per tooth to the list price.

60 AR



3/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 60 - Type A Sprockets - Bored and Drilled For Assembly With " R " Hubs

Size and List Prices					Stock Hub Bores				Dimensions		
Catalog No.	Sprocket Only	Hardened Sprocket Only	Hub Only	Hub No.	Round	Square	Hex	Spline	Pitch Diameter	Sprocket Bore	Length Through Hub
60AR14(H)				R12	1/2"	3/4"			3.370	1.625	1.000
60AR15(H)				R12	To 1 1/4"	7/8" 15/16" 1"			3.607	1.625	1.000
60AR16(H)				R15	1/2" To 1 1/2"				3.844	2.000	1.250
60AR17(H)				R17					4.082	2.250	1.312
60AR18(H)				R17					4.319	2.250	1.312
60AR19(H)				R17					4.557	2.250	1.312
60AR20(H)				R17					4.794	2.250	1.312
60AR21(H)				R17					5.032	2.250	1.312
60AR22(H)				R17					5.270	2.250	1.312
60AR23(H)				R17					5.508	2.250	1.312
60AR24(H)				R17					5.746	2.250	1.312
60AR25(H)				R17	1/2"	3/4"	7/8"	1-6B	5.984	2.250	1.312
60AR26(H)				R17		7/8"		1-10B	6.222	2.250	1.312
60AR27(H)				R17	To	15/16"	1"	1 1/4-6B	6.460	2.250	1.312
60AR28(H)				R17		1"		1 3/8-6B	6.699	2.250	1.312
60AR30(H)				R17	1 3/4"	1 1/8" 1 1/4"		1 3/8-10B	7.175	2.250	1.312
60AR32				R17					7.652	2.250	1.312
60AR34				R17					8.128	2.250	1.312
60AR35				R17					8.367	2.250	1.312
60AR36				R17					8.605	2.250	1.312
60AR38				R17					9.082	2.250	1.312
60AR40				R17					9.559	2.250	1.312
60AR42				R17					10.036	2.250	1.312
60AR45				R17					10.752	2.250	1.312
60AR48				R17					11.467	2.250	1.312
60AR54				R22					12.899	2.875	1.625
60AR60				R22	5/8"				14.330	2.875	1.625
60AR70				R22	To				16.717	2.875	1.625
60AR72				R22	2 1/4"				17.194	2.875	1.625
60AR80				R27	1"				19.103	3.562	1.875
60AR84				R27	To 2 3/4"				20.058	3.562	1.875

Additional single-shoulder hub information on pages 12 & 13. Double-Single hub assemblies listed on pages 21 through 25.

**HARDENING** - Over 30 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.70 per tooth to the list price.



1" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 80 - Type A Sprockets - Bored and Drilled For Assembly With " R " Hubs

Size and List Prices					Stock Hub Bores				Dimensions		
Catalog No.	Sprocket Only	Hardened Sprocket Only	Hub Only	Hub No.	Round	Square	Hex	Spline	Pitch Diameter	Sprocket Bore	Length Through Hub
80AR13(H)				R15	1/2" To 1 1/2"	3/4" 7/8" 1 1/4-6B	7/8" 1"	1-6B 1-10B 1 1/4-6B	4.179	2.000	1.250
80AR14(H)				R17	1/2"	1"		1 3/8-6B	4.494	2.250	1.312
80AR15(H)				R17	To 1 1/8"	1 1/8"		1 3/8-10B	4.810	2.250	1.312
80AR16(H)				R17	1 3/4"	1 1/4"			5.126	2.250	1.312
80ARA17(H)				R22					5.442	2.875	1.625
80AR18(H)				R22					5.759	2.875	1.625
80AR19(H)				R22					6.076	2.875	1.625
80AR20(H)				R22					6.392	2.875	1.625
80AR21(H)				R22					6.710	2.875	1.625
80AR22(H)				R22					7.027	2.875	1.625
80AR23(H)				R22					7.344	2.875	1.625
80AR24(H)				R22					7.661	2.875	1.625
80AR25(H)				R22	5/8"				7.979	2.875	1.625
80AR26(H)				R22	To				8.296	2.875	1.625
80AR27(H)				R22					8.614	2.875	1.625
80AR28(H)				R22	2 1/4"				8.931	2.875	1.625
80AR30(H)				R22					9.567	2.875	1.625
80AR32				R22					10.202	2.875	1.625
80AR34				R22					10.838	2.875	1.625
80AR35				R22					11.156	2.875	1.625
80AR36				R22					11.474	2.875	1.625
80AR38				R22					12.110	2.875	1.625
80AR40				R27	1"				12.745	3.562	1.875
80AR42				R27	To				13.381	3.562	1.875
80AR45				R27	2 3/4"				14.336	3.562	1.875
80AR48				R27					15.290	3.562	1.875

Additional single-shoulder hub information on pages 12 & 13. Double-Single hub assemblies listed on pages 21 through 25.

**HARDENING** - Over 30 teeth, add preparation charge of \$20.00 divided by the number of identical items plus \$.90 per tooth to the list price.

100 AR



1-1/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 100 - Type A Sprockets - Bored and Drilled For Assembly With " R " Hubs

Size and List Prices					Stock Hub Bores				Dimensions		
Catalog No.	Sprocket Only	Hardened Sprocket Only	Hub Only	Hub No.	Round	Square	Hex	Spline	Pitch Diameter	Sprocket Bore	Length Through Hub
100AR12(H)				R17	1/2"	3/4"		1-6B	4.830	2.250	1.312
100AR13(H)				R17	To 1 3/4"	7/8"	7/8"	1-10B	5.223	2.250	1.312
						1 1/8"	1"	1 1/4-6B			
						1 1/4"		1 3/8-6B			
								1 3/8-10B			
100AR14(H)				R22	5/8"				5.617	2.875	1.625
100AR15(H)				R22	To 2 1/4"				6.012	2.875	1.625
100AR16(H)				R27					6.407	3.562	1.875
100AR17(H)				R27					6.803	3.562	1.875
100AR18(H)				R27					7.198	3.562	1.875
100AR19(H)				R27					7.594	3.562	1.875
100AR20(H)				R27					7.991	3.562	1.875
100AR21(H)				R27					8.387	3.562	1.875
100AR22(H)				R27					8.783	3.562	1.875
100AR23(H)				R27	1"				9.180	3.562	1.875
					To 2 3/4"						
100AR24(H)				R27					9.577	3.562	1.875
100AR25(H)				R27					9.973	3.562	1.875
100AR26(H)				R27					10.370	3.562	1.875
100AR27(H)				R27					10.767	3.562	1.875
100AR28(H)				R27					11.164	3.562	1.875
100AR30(H)				R27					11.958	3.562	1.875
100AR32				R27					12.753	3.562	1.875
100AR34				R27					13.547	3.562	1.875
100AR35				R27					13.945	3.562	1.875

Additional single-shoulder hub information on pages 12 & 13. Double-Single hub assemblies listed on pages 21 through 25.

**HARDENING** - Over 30 teeth, add preparation charge of \$20.00 divided by the number of identical items plus \$1.20 per tooth to the list price.



**DSR HUBS FOR ASSEMBLY WITH AR READY SPROCKETS TO MAKE DOUBLE-SINGLE OR COMPOUND SPROCKETS**

STOCK BORES WITH STANDARD KEYWAY AND 2 SETSCREWS

5/8"	3/4"	1"	1 3/16"	1 1/4"
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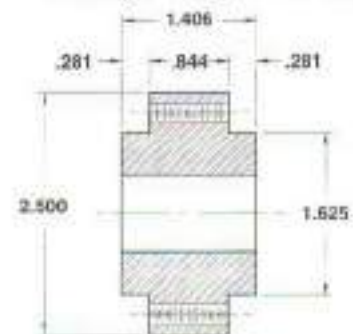
For Other Bore Sizes Add \$30.00 Setup + 30% Of Hub List For Each Identical Size.

SPROCKET SPACING CENTER-TO-CENTER \*

35	41	40	50
1"	1 1/16"	1 1/8"	1 3/16"

**DSR 12 HUB LIST PRICE \$36.00**

Average Weight 1.3 lbs.



STOCK READY SPROCKETS TO FIT DSR 12 HUB

CATALOG NO.	LIST PRICE EACH	CATALOG NO.	LIST PRICE EACH	CATALOG NO.	LIST PRICE EACH	LIST PRICE HARDENED	CATALOG NO.	LIST PRICE EACH	LIST PRICE HARDENED
35AR32		41AR23		40AR19(H)			50AR16(H)		
35AR35		41AR24		40AR20(H)			50AR17(H)		
35AR36		41AR25		40AR21(H)			50AR18(H)		
35AR40		41AR26		40AR22(H)					
35AR45		41AR28							
35AR48		41AR30							
35AR54		41AR32							
35AR60		41AR35							
		41AR36							
		41AR40							
		41AR45							
		41AR48							

\* NOTE: When used with No. 40 sprockets the DSR 12 Hub will provide the same center-to-center spacing as our solid Double-Single sprockets. Use with other sprockets yields center-to-center dimensions listed in the chart above.

DSR 15



**DSR HUBS FOR ASSEMBLY WITH AR READY SPROCKETS  
TO MAKE DOUBLE-SINGLE OR COMPOUND SPROCKETS**

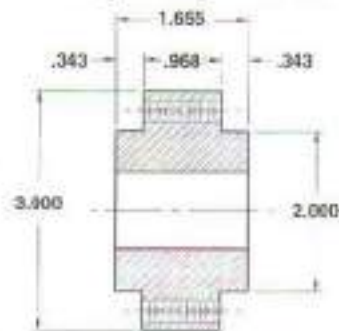
STOCK BORES WITH STANDARD KEYWAY AND 2 SETSCREWS					
3/4"	1"	1 3/16"	1 1/4"	1 7/16"	1 1/2"

For Other Bore Sizes Add \$30.00 Setup + 30% Of Hub List For Each Identical Size.

SPROCKET SPACING CENTER-TO-CENTER*			
41	40	50	60
1 3/16"	1 1/4"	1 5/16"	1 13/32"

**DSR 15 HUB LIST PRICE \$44.00**

Average Weight 2.3 lbs.



**STOCK READY SPROCKETS TO FIT DSR 15 HUB**

CATALOG NO.	LIST PRICE EACH	CATALOG NO.	LIST PRICE EACH	LIST PRICE HARDENED	CATALOG NO.	LIST PRICE EACH	LIST PRICE HARDENED	CATALOG NO.	LIST PRICE EACH	LIST PRICE HARDENED
41AR54 41AR60		40AR23(H) 40AR24(H) 40AR25(H) 40AR26(H)  40AR27(H) 40AR28(H) 40AR30(H) 40AR32  40AR34 40AR35 40AR36 40AR38  40AR40 40AR42 40AR45 40AR48			50AR19(H) 50AR20(H) 50AR21(H) 50AR22(H)  50AR23(H) 50AR24(H) 50AR25(H) 50AR26(H)  50AR27(H) 50AR28(H) 50AR30(H) 50AR32  50AR34 50AR35 50AR36 50AR38			60AR16(H)		

\* NOTE: When used with No. 50 sprockets the DSR 15 Hub will provide the same center-to-center spacing as our solid Double-Single sprockets. Use with other sprockets yields center-to-center dimensions listed in the chart above.



**DSR HUBS FOR ASSEMBLY WITH AR READY SPROCKETS  
TO MAKE DOUBLE-SINGLE OR COMPOUND SPROCKETS**

STOCK BORES WITH STANDARD KEYWAY AND 2 SETSCREWS					
1"	1 3/16"	1 1/4"	1 7/16"	1 1/2"	1 3/4"

For Other Bore Sizes Add \$30.00 Setup +30% Of Hub List For Each Identical Size.

SPROCKET SPACING CENTER-TO-CENTER*			
40	50	60	80
1 11/32"	1 13/32"	1 1/2"	1 5/8"

**DSR 17 HUB LIST PRICE \$48.00**

Average Weight 2.9 lbs.



**STOCK READY SPROCKETS TO FIT DSR 17 HUB**

CATALOG NO.	LIST PRICE EACH	CATALOG NO.	LIST PRICE EACH	CATALOG NO.	LIST PRICE EACH	LIST PRICE HARDENED	CATALOG NO.	LIST PRICE EACH	LIST PRICE HARDENED
40AR54 40AR60		50AR40 50AR42 50AR45 50AR48  50AR54 50AR60		60AR17(H) 60AR18(H) 60AR19(H) 60AR20(H)  60AR21(H) 60AR22(H) 60AR23(H) 60AR24(H)  60AR25(H) 60AR26(H) 60AR27(H) 60AR28(H)  60AR30 60AR32 60AR34 60AR35  60AR36 60AR38 60AR40 60AR42  60AR45 60AR48			80AR14(H) 80AR15(H) 80AR16(H)		

\* NOTE: When used with No. 60 sprockets the DSR 17 Hub will provide the same center-to-center spacing as our solid Double-Single sprockets. Use with other sprockets yields center-to-center dimensions listed in the chart above.



**DSR HUBS FOR ASSEMBLY WITH AR READY SPROCKETS  
TO MAKE DOUBLE-SINGLE OR COMPOUND SPROCKETS**

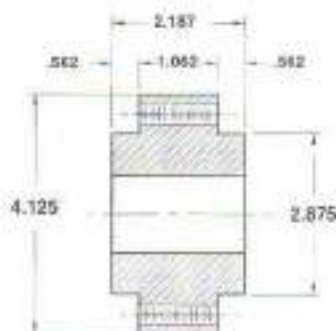
STOCK BORES WITH STANDARD KEYWAY AND 2 SETSCREWS						
1 1/4"	1 7/16"	1 1/2"	1 3/4"	1 15/16"	2 3/16"	2 1/4"

For Other Bore Sizes Add \$30.00 Setup + 30% Of Hub List For Each Identical Size.

SPROCKET SPACING CENTER-TO-CENTER*		
	60	80
	1 1/2"	1 5/8"

**DSR 22 HUB LIST PRICE \$70.00**

Average Weight 6 lbs.



**STOCK READY SPROCKETS TO FIT DSR 22 HUB**

CATALOG NO.	LIST PRICE EACH	CATALOG NO.	LIST PRICE EACH	LIST PRICE HARDENED
60AR54 60AR60		80AR17(H) 80AR18(H) 80AR19(H) 80AR20(H)  80AR21(H) 80AR22(H) 80AR23(H) 80AR24(H)  80AR25(H) 80AR26(H) 80AR27(H) 80AR28(H)  80AR30(H) 80AR32 80AR34 80AR35  80AR36 80AR38		

\* NOTE: When used with No. 60 sprockets the DSR 22 Hub will provide the same center-to-center spacing as our solid Double-Single sprockets. Use with other sprockets yields center-to-center dimensions listed in the chart above.



**DSR HUBS FOR ASSEMBLY WITH AR READY SPROCKETS  
TO MAKE DOUBLE-SINGLE OR COMPOUND SPROCKETS**

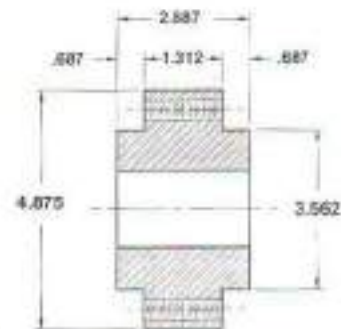
STOCK BORES WITH STANDARD KEYWAY AND 2 SETSCREWS						
1 1/2"	1 3/4"	1 15/16"	2 3/16"	2 1/4"	2 7/16"	2 3/4"

For Other Bore Sizes Add \$30.00 Setup + 30% Of Hub List  
For Each Identical Size.

SPROCKET SPACING CENTER-TO-CENTER*	
80	100
1 7/8"	2"

**DSR 27 HUB LIST PRICE \$100.00**

Average Weight 9 lbs.



**STOCK READY SPROCKETS TO FIT DSR 27 HUB**

CATALOG NO.	LIST PRICE EACH	CATALOG NO.	LIST PRICE EACH	LIST PRICE HARDENED
80AR40		100AR16(H)		
80AR42		100AR17(H)		
80AR45		100AR18(H)		
80AR48		100AR19(H)		
		100AR20(H)		
		100AR21(H)		
		1001R22(H)		
		100AR23(H)		
		100AR24(H)		
		100AR25(H)		
		100AR26(H)		
		100AR27(H)		
		100AR28(H)		
		100AR30(H)		
		100AR32		
		100AR34		
		100AR35		

\* NOTE: When used with No. 100 sprockets the DSR 27 Hub will provide the same center-to-center spacing as our solid Double-Single sprockets. Use with other sprockets yields center-to-center dimensions listed in the chart above.



1/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 25 - Type B Sprockets - Hub One Side  
Finished Bore

Complete With Any Bore Size Indicated - Standard Straight Keyway and One Setscrew

Size and List Price		BORE SIZES AVAILABLE WITH KEYWAY AND SETSCREW					Dimensions - Weights	
Catalog No.	List Price	1/4*	3/8*	1/2	5/8	3/4	Pitch Diameter	Approx. Weight
25FB 9		X					.731	.03
25FB10		X					.809	.03
25FB11		X	X				.887	.04
25FB12		X	X				.966	.06
25FB13		X	X	X			1.045	.07
25FB14		X	X	X			1.124	.09
25FB15		X	X	X			1.203	.1
25FB16			X	X			1.282	.1
25FB17			X	X			1.361	.1
25FB18				X	X		1.440	.2
25FB19				X	X		1.519	.2
25FB20				X	X	X	1.598	.2
25FB21				X	X	X	1.678	.3
25FB22				X	X	X	1.757	.3
25FB23				X	X	X	1.836	.3
25FB24				X	X	X	1.915	.3
25FB25				X	X	X	1.995	.3
25FB26				X	X	X	2.074	.3
25FB28				X	X	X	2.233	.4
25FB30				X	X	X	2.392	.4

\* 1/4" and 3/8" Bore sizes have set screw only - No keyway

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$.25 per tooth to the list price.

**STAINLESS STEEL** Finished Bore Sprockets listed on pages 101 through 105.



3/8" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 35 - Type B Sprockets - Hub One Side  
Finished Bore

Complete With Any Bore Size Indicated - Standard Straight Keyway and One Setscrew

Size and List Price		BORE SIZES AVAILABLE WITH KEYWAY AND SETSCREW						Dimensions - Weights	
Catalog No.	List Price	*3/8	1/2	5/8	3/4	7/8	1	Pitch Diameter	Approx. Weight.
35FB 9		X						1.096	.1
35FB10		X	X	*X				1.214	.2
35FB11		X	X	X	*X			1.331	.2
35FB12			X	X	X			1.449	.2
35FB13			X	X	X			1.567	.3
35FB14			X	X	X			1.685	.3
35FB15			X	X	X	X		1.804	.3
35FB16			X	X	X	X		1.922	.4
35FB17			X	X	X	X	X	2.041	.4
35FB18			X	X	X	X	X	2.159	.5
35FB19				X	X	X	X	2.278	.6
35FB20				X	X	X	X	2.397	.7
35FB21				X	X	X	X	2.516	.8
35FB22				X	X	X	X	2.635	.9
35FB23				X	X	X	X	2.754	1.1
35FB24				X	X	X	X	2.873	1.2
35FB25				X	X	X	X	2.992	1.2
35FB26				X	X	X	X	3.111	1.3
35FB28				X	X	X	X	3.349	1.3
35FB30				X	X	X	X	3.588	1.4
35FB32				X	X	X	X	3.826	1.4
35FB35				X	X	X	X	4.183	1.6

All bore sizes listed above are available hardened at prices listed below.

35FB 9H		35FB14H		35FB19H		35FB24H	
35FB10H		35FB15H		35FB20H		35FB25H	
35FB11H		35FB16H		35FB21H		35FB26H	
35FB12H		35FB17H		35FB22H		35FB28H	
35FB13H		35FB18H		35FB23H		35FB30H	

\*3/8" Bore sizes have set screw only - No keyway.

\*Setscrew at 90° to keyway will not operate with offset link in chain.

Hub diameters vary with shaft size. Do not use stock B type dimensions.

**HARDENING** - Over 30 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.30 per tooth to the list price.



1/2" PITCH (.306 ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 41 - Type B Sprockets - Hub One Side

Finished Bore

Complete With Any Bore Size Indicated - Standard Straight Keyway and One Setscrew

Size and List Price		BORE SIZES AVAILABLE WITH KEYWAY AND SETSCREW					Dimensions - Weights	
Catalog No.	List Price	1/2	5/8	3/4	7/8	1	Pitch Diameter	Approx. Weight.
41FB 9		X	X				1.462	.1
41FB10		X	X	X			1.618	.2
41FB11		X	X	X	X		1.775	.2
41FB12		X	X	X	X	X	1.932	.2
41FB13		X	X	X	X	X	2.089	.4
41FB14			X	X	X	X	2.247	.5
41FB15			X	X	X	X	2.405	.6
41FB16			X	X	X	X	2.563	.7
41FB17			X	X	X	X	2.721	.8
41FB18			X	X	X	X	2.879	.9
41FB19			X	X	X	X	3.036	1.4
41FB20			X	X	X	X*	3.196	1.5
41FB21			X	X	X	X	3.355	1.5
41FB22			X	X	X	X	3.513	1.6
41FB23				X	X	X	3.672	1.6
41FB24				X	X	X	3.831	1.7

Hub diameters vary with shaft size. Do not use stock B type dimensions.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$.40 per tooth to the list price.

**STAINLESS STEEL** Finished Bore Sprockets listed on pages 101 through 105.



1/2" PITCH (.312 ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 40 - Type B Sprockets - Hub One Side  
Finished Bore

Complete With Any Bore Size Indicated - Standard Straight Keyway and One Setscrew

Size and List Price		BORE SIZES AVAILABLE WITH KEYWAY AND SETSCREW											Dimensions - Weights	
Catalog No.	List Price	1/2	5/8	3/4	7/8	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2	Pitch Diameter	Approx. Weight.
40FB 9		X	X										1.462	.1
40FB10		X	X	X									1.618	.2
40FB11		X	X	X	X								1.775	.2
40FB12		X	X	X	X	X							1.932	.3
40FB13		X	X	X	X	X							2.089	.4
40FB14			X	X	X	X							2.247	.5
40FB15			X	X	X	X	X	X	X				2.405	.6
40FB16			X	X	X	X	X	X	X				2.563	.7
40FB17			X	X	X	X	X	X	X				2.721	.8
40FB18				X	X	X	X	X	X	X	X		2.879	.9
40FB19				X	X	X	X	X	X	X	X	X	3.036	1.1
40FB20				X	X	X	X	X	X	X	X	X	3.196	1.3
40FB21				X	X	X	X	X	X	X	X	X	3.355	1.6
40FB22				X	X	X	X	X	X	X	X	X	3.513	1.6
40FB23				X	X	X	X	X	X	X	X	X	3.672	1.8
40FB24				X	X	X	X	X	X	X	X	X	3.831	1.8
40FB25				X	X	X	X	X	X	X	X	X	3.989	1.9
40FB26				X	X	X	X	X	X	X	X	X	4.148	2.0
40FB28				X	X	X	X	X	X	X	X	X	4.466	2.1
40FB30				X	X	X	X	X	X	X	X	X	4.783	2.3

All bore sizes listed above are available hardened at prices listed below.

40FB 9H		40FB14H		40FB19H		40FB24H
40FB10H		40FB15H		40FB20H		40FB25H
40FB11H		40FB16H		40FB21H		40FB26H
40FB12H		40FB17H		40FB22H		40FB28H
40FB13H		40FB18H		40FB23H		40FB30H

Hub diameters vary with shaft size. Do not use stock B type dimensions.



5/8" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 50 - Type B Sprockets - Hub One Side

Finished Bore

Complete With Any Bore Size Indicated - Standard Straight Keyway and One Setscrew

Size and List Price		BORE SIZES AVAILABLE WITH KEYWAY AND SETSCREW											Dimensions - Weights	
Catalog No.	List Price	5/8	3/4	7/8	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2	1 5/8	Pitch Diameter	Approx. Weight.
50FB 9		X	X										1.827	.2
50FB10		X	X	X	X								2.023	.4
50FB11		X	X	X	X								2.219	.5
50FB12		X	X	X	X	X							2.415	.6
50FB13		X	X	X	X	X	X	X					2.612	.7
50FB14		X	X	X	X	X	X	X					2.809	.9
50FB15		X	X	X	X	X	X	X	X	X			3.006	1.1
50FB16		X	X	X	X	X	X	X	X	X	X	X	3.204	1.3
50FB17			X	X	X	X	X	X	X	X	X	X	3.401	1.6
50FB18			X	X	X	X	X	X	X	X	X	X	3.599	1.8
50FB19			X	X	X	X	X	X	X	X	X	X	3.797	2.0
50FB20			X	X	X	X	X	X	X	X	X	X	3.995	2.1
50FB21				X	X	X	X	X	X	X	X	X	4.193	2.2
50FB22				X	X	X	X	X	X	X	X	X	4.392	2.4
50FB23					X	X	X	X	X	X	X	X	4.590	2.5
50FB24					X	X	X	X	X	X	X	X	4.788	2.7
50FB25					X	X	X	X	X	X	X	X	4.987	2.8
50FB26					X	X	X	X	X	X	X	X	5.185	2.9
50FB28					X	X	X	X	X	X	X	X	5.582	3.2

All bore sizes listed above are available hardened at prices listed below.

50FB 9H		50FB14H	50FB19H	50FB24H
50FB10H		50FB15H	50FB20H	50FB25H
50FB11H		50FB16H	50FB21H	50FB26H
50FB12H		50FB17H	50FB22H	50FB28H
50FB13H		50FB18H	50FB23H	

Hub diameters vary with shaft size. Do not use stock B type dimensions.



3/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 60 - Type B Sprockets - Hub One Side  
 Finished Bore

Complete With Any Bore Size Indicated - Standard Straight Keyway and One Setscrew

Size and List Price		BORE SIZES AVAILABLE WITH KEYWAY AND SETSCREW														Dimensions - Weights	
Catalog No.	List Price	3/4	7/8	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2	1 5/8	1 11/16	1 3/4	1 7/8	1 15/16	Pitch Diam.	Appx. Wt.
60FB 9		X	X	X												2.193	.5
60FB10		X	X	X	X	X	X									2.427	.6
60FB11		X	X	X	X	X	X									2.662	.8
60FB12		X	X	X	X	X	X	X	X							2.898	1.2
60FB13		X	X	X	X	X	X	X	X	X						3.134	1.7
60FB14		X	X	X	X	X	X	X	X	X	X					3.371	1.8
60FB15		X	X	X	X	X	X	X	X	X	X	X	X			3.607	2.2
60FB16			X	X	X	X	X	X	X	X	X	X	X	X	X	3.844	2.4
60FB17				X	X	X	X	X	X	X	X	X	X	X	X	4.082	2.6
60FB18				X	X	X	X	X	X	X	X	X	X	X	X	4.319	2.7
60FB19				X	X	X	X	X	X	X	X	X	X	X	X	4.557	2.9
60FB20					X	X	X	X	X	X	X	X	X	X	X	4.794	3.1
60FB21					X	X	X	X	X	X	X	X	X	X	X	5.032	3.4
60FB22					X	X	X	X	X	X	X	X	X	X	X	5.270	3.7
60FB23						X	X	X	X	X	X	X	X	X	X	5.508	4.7
60FB24						X	X	X	X	X	X	X	X	X	X	5.746	4.9
60FB25						X	X	X	X	X	X	X	X	X	X	5.984	5.2
60FB26						X	X	X	X	X	X	X	X	X	X	6.222	5.5

All bore sizes listed above are available hardened at prices listed below.

60FB 9H	60FB14H	60FB19H	60FB24H
60FB10H	60FB15H	60FB20H	60FB25H
60FB11H	60FB16H	60FB21H	60FB26H
60FB12H	60FB17H	60FB22H	
60FB13H	60FB18H	60FB23H	

Hub diameters vary with shaft size. Do not use stock B type dimensions.

80 FB



*Lin*

**1" PITCH - SINGLE STRAND - STEEL**

A.N.S.I. No. 80 - Type B Sprockets - Hub One Side

Finished Bore

Complete With Any Bore Size Indicated - Standard Straight Keyway and One Setscrew

Size and List Price		BORE SIZES AVAILABLE WITH KEYWAY AND SETSCREW														Dimensions & Weights	
Catalog No.	List Price	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2	1 5/8	1 3/4	1 7/8	1 15/16	2	2 3/16	2 7/16	Pitch Diam.	Appx. Wt.
80FB 9		X	X	X	X											2.924	1.4
80FB10		X	X	X	X	X	X									3.236	1.8
80FB11		X	X	X	X	X	X	X	X							3.549	2.4
80FB12		X	X	X	X	X	X	X	X	X						3.864	2.8
80FB13		X	X	X	X	X	X	X	X	X	X	X	X			4.179	3.1
80FB14			X	X	X	X	X	X	X	X	X	X	X	X		4.494	3.5
80FB15					X	X	X	X	X	X	X	X	X	X		4.810	3.9
80FB16					X	X	X	X	X	X	X	X	X	X	X	5.126	4.9
80FB17					X	X	X	X	X	X	X	X	X	X	X	5.442	5.3
80FB18					X	X	X	X	X	X	X	X	X	X	X	5.759	5.8
80FB19					X	X	X	X	X	X	X	X	X	X	X	6.076	6.3
80FB20					X	X	X	X	X	X	X	X	X	X	X	6.392	6.7

All bore sizes listed above are available hardened at prices listed below.

80FB 9H	80FB12H	80FB15H	80FB18H
80FB10H	80FB13H	80FB16H	80FB19H
80FB11H	80FB14H	80FB17H	80FB20H

Hub diameters vary with shaft size. Do not use stock B type dimensions.

**STAINLESS STEEL Finished Bore Sprockets listed on pages 101 through 105.**



3/8" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 35 - Type B TAPER-LOCK® Bushed Sprockets - Hub One Side

Size and List Price				Dimensions - Weights						
Catalog No.	Sprocket Only	Bushings Only	Bushings Size	Bushings Bore		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Weights	
				Minimum	Maximum				Sprocket Only	Bushing Only
35TLB18			1008	.500	1.000	2.159	B	.87	.2	.2
35TLB19			1008	.500	1.000	2.278	B	.87	.4	.2
35TLB20			1008	.500	1.000	2.397	B	.87	.5	.2
35TLB21			1008	.500	1.000	2.516	B	.87	.6	.2
35TLB22			1210	.500	1.250	2.635	B	1.00	.4	.5
35TLB23			1210	.500	1.250	2.754	B	1.00	.6	.5
35TLB24			1210	.500	1.250	2.873	B	1.00	.7	.5
35TLB25			1210	.500	1.250	2.992	B	1.00	1.1	.5
35TLB26			1610	.500	1.625	3.111	B	1.00	1.2	.7
35TLB28			1610	.500	1.625	3.349	B	1.00	1.3	.7
35TLB30			1610	.500	1.625	3.588	B	1.00	1.5	.7
35TLB32			1610	.500	1.625	3.826	B	1.00	1.5	.7
35TLB35			1610	.500	1.625	4.183	B	1.00	1.9	.7
35TLB36			1610	.500	1.625	4.303	B	1.00	1.9	.7
35TLB40			1610	.500	1.625	4.780	B	1.00	2.1	.7
35TLB45			1610	.500	1.625	5.376	B	1.00	2.3	.7
35TLB48			1610	.500	1.625	5.734	B	1.00	2.4	.7
35TLB54			1610	.500	1.625	6.449	B	1.00	2.8	.7
35TLB60			1610	.500	1.625	7.165	B	1.00	3.2	.7
35TLB70			1610	.500	1.625	8.358	B	1.00	3.9	.7
35TLB72			1610	.500	1.625	8.597	B	1.00	4.0	.7
35TLB80			1610	.500	1.625	9.552	B	1.00	4.7	.7
35TLB84			1610	.500	1.625	10.029	B	1.00	5.0	.7
35TLB96			1610	.500	1.625	11.461	B	1.00	5.9	.7
35TLB112			1610	.500	1.625	13.371	B	1.00	6.6	.7

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$.30 per tooth to the list price.

Standard and Metric Taper-Lock® Bushings listed on pages 44 and 45  
 Stock **STEEL** and **STAINLESS STEEL** Taper-Lock® Bushings listed on page 46.



1/2" PITCH (.306 ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 41 - Type B TAPER-LOCK® Bushed Sprockets - Hub One Side

Size and List Price				Dimensions - Weights						
Catalog No.	Sprocket Only	Bushings Only	Bushings Size	Bushings Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Sprocket Only	Weights Bushings Only
				Minimum	Maximum					
41TLB14			1008	.500	1.000	2.247	B	.87	.3	.2
41TLB15			1008	.500	1.000	2.405	B	.87	.4	.2
41TLB16			1008	.500	1.000	2.563	B	.87	.4	.2
41TLB17			1210	.500	1.250	2.721	B	1.00	.4	.5
41TLB19			1210	.500	1.250	3.038	B	1.00	.7	.5
41TLB20			1610	.500	1.625	3.196	B	1.00	.5	.7
41TLB21			1610	.500	1.625	3.355	B	1.00	.6	.7
41TLB22			1610	.500	1.625	3.513	B	1.00	.7	.7
41TLB23			1610	.500	1.625	3.672	B	1.00	1.4	.7
41TLB24			1610	.500	1.625	3.831	B	1.00	2.4	.7
41TLB25			1610	.500	1.625	3.989	B	1.00	2.5	.7
41TLB26			1610	.500	1.625	4.148	B	1.00	2.5	.7
41TLB32			1610	.500	1.625	5.101	B	1.00	2.9	.7
41TLB35			1610	.500	1.625	5.578	B	1.00	3.2	.7
41TLB36			1610	.500	1.625	5.737	B	1.00	3.3	.7
41TLB40			1610	.500	1.625	6.373	B	1.00	3.7	.7
41TLB45			1610	.500	1.625	7.168	B	1.00	4.2	.7
41TLB48			1610	.500	1.625	7.645	B	1.00	4.5	.7
41TLB54			1610	.500	1.625	8.599	B	1.00	5.3	.7
41TLB72			1610	.500	1.625	11.463	B	1.00	8.4	.7
41TLB80			1610	.500	1.625	12.736	B	1.00	9.6	.7
41TLB96			1610	.500	1.625	15.282	B	1.00	13	.7
41TLB112			1610	.500	1.625	17.828	B	1.00	17	.7
41TLB120			1610	.500	1.625	19.101	B	1.00	19	.7

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$.40 per tooth to the list price.

Standard and Metric Taper-Lock® Bushings listed on pages 44 and 45  
 Stock **STEEL** and **STAINLESS STEEL** Taper-Lock® Bushings listed on page 46.



1/2" PITCH (.312 ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 40 - Type B TAPER-LOCK® Bushed Sprockets - Hub One Side

Size and List Price				Dimensions - Weights						
Catalog No.	Sprocket Only	Hardened Sprocket only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Sprocket Weight
					Minimum	Maximum				
40TLB14(H)				1008	.500	1.000	2.247	B	.87	.3
40TLB15(H)				1008	.500	1.000	2.405	B	.87	.4
40TLB16(H)				1008	.500	1.000	2.563	B	.87	.5
40TLB17(H)				1210	.500	1.250	2.721	B	1.00	.5
40TLB18(H)				1210	.500	1.250	2.879	B	1.00	.5
40TLB19(H)				1210	.500	1.250	3.038	B	1.00	.7
40TLB20(H)				1610	.500	1.625	3.196	B	1.00	.6
40TLB21(H)				1610	.500	1.625	3.355	B	1.00	1.0
40TLB22(H)				1610	.500	1.625	3.513	B	1.00	1.2
40TLB23(H)				1610	.500	1.625	3.672	B	1.00	1.4
40TLB24(H)				1610	.500	1.625	3.831	B	1.00	2.4
40TLB25(H)				1610	.500	1.625	3.989	B	1.00	2.5
40TLB26(H)				1610	.500	1.625	4.148	B	1.00	2.6
40TLB27(H)				1610	.500	1.625	4.307	B	1.00	2.6
40TLB28(H)				1610	.500	1.625	4.466	B	1.00	2.7
40TLB30(H)				1610	.500	1.625	4.783	B	1.00	2.9
40TLB32				1610	.500	1.625	5.101	B	1.00	3.1
40TLB35				1610	.500	1.625	5.578	B	1.00	3.5
40TLB36				1610	.500	1.625	5.737	B	1.00	3.6
40TLB40				1610	.500	1.625	6.373	B	1.00	4.0
40TLB42				1610	.500	1.625	6.691	B	1.00	4.2
40TLB45				1610	.500	1.625	7.168	B	1.00	4.7
40TLB48				1610	.500	1.625	7.645	B	1.00	5.2
40TLB54				1610	.500	1.625	8.599	B	1.00	6.1
40TLB60				1610	.500	1.625	9.554	B	1.00	7.3
40TLB70				2012	.500	2.000	11.145	B	1.25	10
40TLB72				2012	.500	2.000	11.463	B	1.25	10
40TLB80				2012	.500	2.000	12.736	B	1.25	12
40TLB84				2012	.500	2.000	13.372	B	1.25	13
40TLB96				2012	.500	2.000	15.282	B	1.25	14
40TLB112				2517	.500	2.500	17.828	B	1.75	24
40TLB120				2517	.500	2.500	19.101	B	1.75	27

**HARDENING** - Over 30 Teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.40 per tooth to the list price.



5/8" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 50 - Type B TAPER-LOCK® Bushed Sprockets - Hub One Side

Size and List Price				Dimensions - Weights						
Catalog No.	Sprocket Only	Hardened Sprocket only	Bushings Only	Bushings Size	Bushings Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Sprocket Weight
					Minimum	Maximum				
50TLB12(H)				1008	.500	1.000	2.415	B	.87	.5
50TLB13(H)				1008	.500	1.000	2.612	B	.87	.6
50TLB14(H)				1008	.500	1.000	2.809	B	.87	.8
50TLB15(H)				1210	.500	1.250	3.006	B	1.00	.7
50TLB16(H)				1610	.500	1.625	3.204	B	1.00	.6
50TLB17(H)				1610	.500	1.625	3.401	B	1.00	.9
50TLB18(H)				1610	.500	1.625	3.599	B	1.00	1.2
50TLB19(H)				1610	.500	1.625	3.797	B	1.00	1.4
50TLB20(H)				1610	.500	1.625	3.995	B	1.00	1.6
50TLB21(H)				1610	.500	1.625	4.193	B	1.00	2.6
50TLB22(H)				1610	.500	1.625	4.392	B	1.00	2.8
50TLB23(H)				2012	.500	2.000	4.590	B	1.25	3.6
50TLB24(H)				2012	.500	2.000	4.788	B	1.25	3.8
50TLB25(H)				2012	.500	2.000	4.987	B	1.25	3.9
50TLB26(H)				2012	.500	2.000	5.185	B	1.25	4.0
50TLB27(H)				2012	.500	2.000	5.384	B	1.25	4.1
50TLB28(H)				2012	.500	2.000	5.582	B	1.25	4.3
50TLB30(H)				2012	.500	2.000	5.979	B	1.25	4.7
50TLB32				2012	.500	2.000	6.376	B	1.25	5.1
50TLB35				2012	.500	2.000	6.972	B	1.25	5.7
50TLB36				2012	.500	2.000	7.171	B	1.25	5.9
50TLB40				2012	.500	2.000	7.966	B	1.25	7.0
50TLB42				2012	.500	2.000	8.363	B	1.25	7.7
50TLB45				2012	.500	2.000	8.960	B	1.25	8.3
50TLB48				2012	.500	2.000	9.556	B	1.25	9.1
50TLB54				2012	.500	2.000	10.749	B	1.25	11
50TLB60				2012	.500	2.000	11.942	B	1.25	13
50TLB70				2517	.500	2.500	13.931	B	1.75	19
50TLB72				2517	.500	2.500	14.328	B	1.75	20
50TLB80				2517	.500	2.500	15.920	B	1.75	23
50TLB84				2517	.500	2.500	16.715	B	1.75	25
50TLB96				2517	.500	2.500	19.102	B	1.75	31
50TLB112				2517	.500	2.500	22.285	B	1.75	42
50TLB120				2517	.500	2.500	23.876	B	1.75	49

**HARDENING** - Over 30 Teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.45 per tooth to the list price.



3/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 60 - Type B TAPER-LOCK® Bushed Sprockets

Size and List Price				Dimensions - Weights						
Catalog No.	Sprocket Only	Hardened Sprocket only	Bushings Only	Bushings Size	Bushings Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Sprocket Weight
					Minimum	Maximum				
60TLB11(H)				1008	.500	1.000	2.662	B	.87	.5
60TLB12(H)				1008	.500	1.000	2.898	B	.87	.7
60TLB13(H)				1210	.500	1.250	3.134	B	1.00	.8
60TLB14(H)				1210	.500	1.250	3.370	B	1.00	1.0
60TLB15(H)				1610	.500	1.625	3.607	B	1.00	1.1
60TLB16(H)				1610	.500	1.625	3.844	B	1.00	1.4
60TLB17(H)				1610	.500	1.625	4.082	B	1.00	1.9
60TLB18(H)				1610	.500	1.625	4.319	B	1.00	2.1
60TLB19(H)				1610	.500	1.625	4.557	B	1.00	2.4
60TLB20(H)				2012	.500	2.000	4.794	B	1.25	2.7
60TLB21(H)				2012	.500	2.000	5.032	B	1.25	3.0
60TLB22(H)				2012	.500	2.000	5.270	B	1.25	3.3
60TLB23(H)				2012	.500	2.000	5.508	B	1.25	3.6
60TLB24(H)				2012	.500	2.000	5.746	B	1.25	4.0
60TLB25(H)				2012	.500	2.000	5.984	B	1.25	4.3
60TLB26(H)				2012	.500	2.000	6.222	B	1.25	4.6
60TLB27(H)				2012	.500	2.000	6.460	B	1.25	5.0
60TLB28(H)				2012	.500	2.000	6.699	B	1.25	5.3
60TLB30(H)				2012	.500	2.000	7.175	B	1.25	5.9
60TLB32				2012	.500	2.000	7.652	B	1.25	6.6
60TLB35				2012	.500	2.000	8.367	B	1.25	7.6
60TLB36				2012	.500	2.000	8.605	B	1.25	7.9
60TLB40				2012	.500	2.000	9.559	B	1.25	10
60TLB42				2012	.500	2.000	10.036	B	1.25	12
60TLB45				2012	.500	2.000	10.752	B	1.25	13
60TLB48				2012	.500	2.000	11.467	B	1.25	15
60TLB54				2517	.500	2.500	12.899	B	1.75	20
60TLB60				2517	.500	2.500	14.330	B	1.75	24
60TLB70				2517	.500	2.500	16.717	B	1.75	31
60TLB72				2517	.500	2.500	17.194	B	1.75	33
60TLB80				2517	.500	2.500	19.104	B	1.75	40
60TLB84				2517	.500	2.500	20.058	B	1.75	44
60TLB96				3020	.875	3.000	22.922	B	2.00	57
60TLB112				3020	.875	3.000	26.742	B	2.00	72

**HARDENING** - Over 30 Teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.70 per tooth to the list price.



1" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 80 - Type B and C TAPER-LOCK® Bushed Sprockets

Type B - Hub One Side

Size and List Price				Dimensions - Weights						
Catalog No.	Sprocket Only	Hardened Sprocket only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Sprocket Weight
					Minimum	Maximum				
80TLB11(H)				1215	.500	1.250	3.549	B	1.50	2.0
80TLB12(H)				1615	.500	1.625	3.864	B	1.50	2.0
80TLB13(H)				1615	.500	1.625	4.179	B	1.50	2.6
80TLB14(H)				1615	.500	1.625	4.494	B	1.50	3.4
80TLB15(H)				1615	.500	1.625	4.810	B	1.50	4.2
80TLB16(H)				2012	.500	2.000	5.126	B	1.25	4.7
80TLB17(H)				2012	.500	2.000	5.442	B	1.25	5.1
80TLB18(H)				2012	.500	2.000	5.759	B	1.25	5.6
80TLB19(H)				2012	.500	2.000	6.076	B	1.25	6.1
80TLB20(H)				2517	.500	2.500	6.392	B	1.75	8.1
80TLB21(H)				2517	.500	2.500	6.710	B	1.75	8.7
80TLB22(H)				2517	.500	2.500	7.027	B	1.75	9.2
80TLB23(H)				2517	.500	2.500	7.344	B	1.75	9.8
80TLB24(H)				2517	.500	2.500	7.661	B	1.75	10
80TLB25(H)				2517	.500	2.500	7.979	B	1.75	11
80TLB26(H)				2517	.500	2.500	8.296	B	1.75	12
80TLB27(H)				2517	.500	2.500	8.614	B	1.75	12
80TLB28(H)				2517	.500	2.500	8.931	B	1.75	13
80TLB30(H)				2517	.500	2.500	9.567	B	1.75	15
80TLB32				2517	.500	2.500	10.202	B	1.75	16
80TLB36				2517	.500	2.500	11.156	B	1.75	19
80TLB36				2517	.500	2.500	11.474	B	1.75	20
80TLB40				2517	.500	2.500	12.745	B	1.75	24
80TLB45				2517	.500	2.500	14.336	B	1.75	29
80TLB48				2517	.500	2.500	15.200	B	1.75	33
80TLB54				2517	.500	2.500	17.198	B	1.75	41
80TLB60				2517	.500	2.500	19.107	B	1.75	50
80TLB70				3020	.875	3.000	22.289	B	2.00	67
80TLB72				3020	.875	3.000	22.926	B	2.00	73
80TLB80				3020	.875	3.000	25.471	B	2.00	82

**HARDENING** - Over 30 Teeth, add preparation charge of \$20.00 divided by the number of identical items plus \$.90 per tooth to the list price.



1 1/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 100 - Type B and C TAPER-LOCK® Bushed Sprockets

Type B - Hub One Side

Size and List Price				Dimensions - Weights						
Catalog No.	Sprocket Only	Hardened Sprocket only	Bushings Only	Bushings Size	Bushings Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Sprocket Weight
					Minimum	Maximum				
100TLB11(H)				1615	.500	1.625	4.437	B	1.50	3.5
100TLB12(H)				1615	.500	1.625	4.830	B	1.50	5.0
100TLB13(H)				2012	.500	2.000	5.223	B	1.25	4.8
100TLB14(H)				2012	.500	2.000	5.617	B	1.25	6.0
100TLB15(H)				2517	.500	2.500	6.012	B	1.75	8.1
100TLB16(H)				2517	.500	2.500	6.407	B	1.75	8.9
100TLB17(H)				2517	.500	2.500	6.803	B	1.75	9.6
100TLB18(H)				2517	.500	2.500	7.198	B	1.75	10
100TLB19(H)				2517	.500	2.500	7.594	B	1.75	11
100TLB20(H)				2517	.500	2.500	7.991	B	1.75	12
100TLB21(H)				2517	.500	2.500	8.387	B	1.75	13
100TLB22(H)				2517	.500	2.500	8.783	B	1.75	14
100TLB23(H)				2517	.500	2.500	9.180	B	1.75	15
100TLB24(H)				2517	.500	2.500	9.577	B	1.75	16
100TLB25(H)				2517	.500	2.500	9.973	B	1.75	17
100TLB26(H)				2517	.500	2.500	10.370	B	1.75	19
100TLB27(H)				3020	.875	3.000	10.767	B	2.00	22
100TLB28(H)				3020	.875	3.000	11.164	B	2.00	23
100TLB30(H)				3020	.875	3.000	11.958	B	2.00	26
100TLB32				3020	.875	3.000	12.753	B	2.00	29
100TLB35				3020	.875	3.000	13.945	B	2.00	33
100TLB36				3020	.875	3.000	14.342	B	2.00	35
100TLB40				3020	.875	3.000	15.932	B	2.00	43
100TLB45				3020	.875	3.000	17.919	B	2.00	53
100TLB48				3020	.875	3.000	19.112	B	2.00	60
100TLB54				3020	.875	3.000	21.498	B	2.00	75
100TLB60				3020	.875	3.000	23.884	B	2.00	92

**HARDENING** - Over 30 Teeth, add preparation charge of \$20.00 divided by the number of identical items plus \$1.20 per tooth to the list price.

Standard and Metric Taper-Lock® Bushings listed on pages 44 and 45  
 Stock *STEEL* and *STAINLESS STEEL* Taper-Lock® Bushings listed on page 46.

120 Taper-Lock®



1 1/2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 120 - Type B and C TAPER-LOCK® Bushed Sprockets

Type B - Hub One Side

Size and List Price					Dimensions - Weights					
Catalog No.	Sprocket Only	Hardened Sprocket only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Sprocket Weight
					Minimum	Maximum				
120TLB12(H)				2517	.500	2.500	5.796	B	1.75	7
120TLB13(H)				2517	.500	2.500	5.268	B	1.75	10
120TLB14(H)				2517	.500	2.500	6.741	B	1.75	11
120TLB15(H)				2517	.500	2.500	7.215	B	1.75	12
120TLB16(H)				3020	.875	3.000	7.689	B	2.00	15
120TLB17(H)				3020	.875	3.000	8.163	B	2.00	17
120TLB18(H)				3020	.875	3.000	8.638	B	2.00	18
120TLB19(H)				3020	.875	3.000	9.113	B	2.00	20
120TLB20(H)				3020	.875	3.000	9.589	B	2.00	22
120TLB21(H)				3020	.875	3.000	10.064	B	2.00	23
120TLB22(H)				3020	.875	3.000	10.540	B	2.00	26
120TLB23(H)				3020	.875	3.000	11.016	B	2.00	28
120TLB24(H)				3020	.875	3.000	11.492	B	2.00	30
120TLB25(H)				3020	.875	3.000	11.968	B	2.00	32
120TLB26(H)				3020	.875	3.000	12.444	B	2.00	35
120TLB28(H)				3020	.875	3.000	13.397	B	2.00	41
120TLB30(H)				3020	.875	3.000	14.350	B	2.00	45
120TLB32				3020	.875	3.000	15.303	B	2.00	51
120TLB35				3535	1.187	3.500	16.734	B	3.50	72
120TLB36				3535	1.187	3.500	17.211	B	3.50	75
120TLB40				3535	1.187	3.500	19.118	B	3.50	90
120TLB45				3535	1.187	3.500	21.503	B	3.50	110

Type C - Hub Both Sides

120TLC48				3535	1.187	3.500	22.935	C	3.50	113
120TLC54				3535	1.187	3.500	25.798	C	3.50	138
120TLC60				3535	1.187	3.500	28.661	C	3.50	165
120TLC70				3535	1.187	3.500	33.434	C	3.50	219

Offset hubs on type C Sprockets - 2 1/16 x 1 7/16 on 3535 bushings from sprocket centerline to hub face. Large end of taper is on the side with shortest hub projection.

**HARDENING** - Over 30 Teeth, add preparation charge of \$20.00 divided by the number of identical items plus \$1.60 per tooth to the list price.



1 3/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 140 - Type B and C TAPER-LOCK® Bushed Sprockets  
Type B - Hub One Side

Size and List Price					Dimensions - Weights					
Catalog No.	Sprocket Only	Hardened Sprocket only	Bushings Only	Bushings Size	Bushings Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Sprocket Weight
					Minimum	Maximum				
140TLB12(H)				2517	.500	2.500	6.762	B	1.75	11
140TLB13(H)				3020	.875	3.000	7.313	B	2.00	14
140TLB14(H)				3020	.875	3.000	7.864	B	2.00	16
140TLB15(H)				3020	.875	3.000	8.417	B	2.00	17
140TLB16(H)				3020	.875	3.000	8.970	B	2.00	19
140TLB17(H)				3020	.875	3.000	9.524	B	2.00	21
140TLB18(H)				3020	.875	3.000	10.078	B	2.00	23
140TLB19(H)				3020	.875	3.000	10.632	B	2.00	26
140TLB20(H)				3020	.875	3.000	11.187	B	2.00	29
140TLB21(H)				3020	.875	3.000	11.742	B	2.00	31
140TLB22(H)				3020	.875	3.000	12.297	B	2.00	34
140TLB23(H)				3020	.875	3.000	12.852	B	2.00	37
140TLB24(H)				3020	.875	3.000	13.407	B	2.00	40
140TLB25(H)				3020	.875	3.000	13.963	B	2.00	43
140TLB26(H)				3020	.875	3.000	14.518	B	2.00	46
140TLB28(H)				3535	1.187	3.500	15.630	B	3.50	58
140TLB30(H)				3535	1.187	3.500	16.742	B	3.50	64
140TLB32				3535	1.187	3.500	17.854	B	3.50	72
140TLB35				3535	1.187	3.500	19.523	B	3.50	85

Type C - Hub Both Sides

140TLC36				4040	1.437	4.000	20.078	C	4.00	90
140TLC40				4040	1.437	4.000	22.305	C	4.00	110
140TLC45				4040	1.437	4.000	25.087	C	4.00	137
140TLC48				4040	1.437	4.000	26.757	C	4.00	156
140TLC54				4040	1.437	4.000	30.097	C	4.00	204
140TLC60				4040	1.437	4.000	33.438	C	4.00	248

Offset hubs on type C Sprockets - 2 9/16 x 1 7/16 from sprocket centerline to hub face. Large end of taper is on the side with the shortest hub projection.

**HARDENING** - Over 30 Teeth, add preparation charge of \$20.00 divided by the number of identical items plus \$1.80 per tooth to the list price.

Standard and Metric Taper-Lock® Bushings listed on pages 44 and 45  
Stock STEEL and STAINLESS STEEL Taper-Lock® Bushings listed on page 46.



2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 160 - Type B and C TAPER-LOCK® Bushed Sprockets  
Type B - Hub One Side

Catalog No.	Size and List Price				Dimensions - Weights					
	Sprocket Only	Hardened Sprocket only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Sprocket Weight
					Minimum	Maximum				
160TLB11(H)				2517	.500	2.500	7.099	B	1.75	13
160TLB12(H)				3020	.875	3.000	7.727	B	2.00	17
160TLB13(H)				3020	.875	3.000	8.357	B	2.00	19
160TLB14(H)				3020	.875	3.000	8.988	B	2.00	22
160TLB15(H)				3535	1.187	3.500	9.620	B	3.50	39
160TLB16(H)				3535	1.187	3.500	10.252	B	3.50	42
160TLB17(H)				3535	1.187	3.500	10.885	B	3.50	45
160TLB18(H)				3535	1.187	3.500	11.518	B	3.50	49
160TLB19(H)				3535	1.187	3.500	12.151	B	3.50	53
160TLB20(H)				3535	1.187	3.500	12.785	B	3.50	57
160TLB21(H)				3535	1.187	3.500	13.419	B	3.50	61
160TLB22(H)				3535	1.187	3.500	14.053	B	3.50	67
160TLB23(H)				3535	1.187	3.500	14.688	B	3.50	72
160TLB24(H)				3535	1.187	3.500	15.323	B	3.50	77
160TLB25(H)				3535	1.187	3.500	15.958	B	3.50	81
160TLB26(H)				3535	1.187	3.500	16.593	B	3.50	86
160TLB28(H)				3535	1.187	3.500	17.863	B	3.50	97
160TLB30(H)				3535	1.187	3.500	19.134	B	3.50	110
160TLB32				3535	1.187	3.500	20.405	B	3.50	122

Type C - Hub Both Sides

160TLC35				4040	1.437	4.000	22.312	C	4.00	131
160TLC36				4040	1.437	4.000	22.947	C	4.00	141
160TLC40				4040	1.437	4.000	25.491	C	4.00	176
160TLC45				4040	1.437	4.000	28.671	C	4.00	214
160TLC48				4040	1.437	4.000	30.580	C	4.00	242
160TLC54				4040	1.437	4.000	34.397	C	4.00	312
160TLC60				4545	1.937	4.500	38.215	C	4.50	392
160TLC72				4545	1.937	4.500	45.851	C	4.50	541

Offset hubs on type C Sprockets - 2 7/16 x 1 9/16 on 4040, 2 15/16 x 1 9/16 on 4545 bushings from sprocket centerline to hub face. Large end of taper is on the side with shortest hub projection.

**HARDENING** - Over 30 Teeth, add preparation charge of \$30.00 divided by the number of identical items plus \$2.50 per tooth to the list price.



2 1/2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 200 - Type B and C TAPER-LOCK® Bushed Sprockets

Type B - Hub One Side

Size and List Price				Dimensions - Weights						
Catalog No.	Sprocket Only	Bushings Only	Bushings Size	Bushings Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Sprocket Only	Weights Bushing Only
				Minimum	Maximum					
200TLB11			3020	.875	3.000	8.872	B	2.00	23	4.5
200TLB12			3020	.875	3.000	9.660	B	2.00	28	4.5
200TLB13			3535	1.187	3.500	10.447	B	3.50	48	9
200TLB14			3535	1.187	3.500	11.235	B	3.50	55	9
200TLB15			3535	1.187	3.500	12.025	B	3.50	60	9
200TLB16			3535	1.187	3.500	12.815	B	3.50	66	9

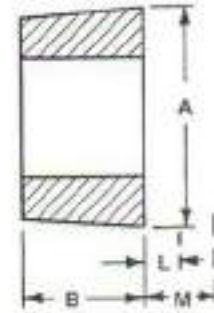
Type C - Hub Both Sides

200TLC17			4040	1.437	4.000	13.605	C	4.00	75	16
200TLC18			4040	1.437	4.000	14.397	C	4.00	87	16
200TLC19			4040	1.437	4.000	15.190	C	4.00	95	16
200TLC20			4040	1.437	4.000	15.982	C	4.00	103	16
200TLC21			4545	1.937	4.500	16.775	C	4.50	120	20
200TLC22			4545	1.937	4.500	17.567	C	4.50	130	20
200TLC23			4545	1.937	4.500	18.360	C	4.50	138	20
200TLC24			4545	1.937	4.500	19.152	C	4.50	147	20
200TLC25			4545	1.937	4.500	19.947	C	4.50	156	20
200TLC26			4545	1.937	4.500	20.740	C	4.50	168	20
200TLC28			5050	2.437	5.000	22.330	C	5.00	201	27
200TLC30			5050	2.437	5.000	23.917	C	5.00	250	27
200TLC32			5050	2.437	5.000	25.505	C	5.00	290	27
200TLC35			5050	2.437	5.000	27.890	C	5.00	300	27
200TLC36			5050	2.437	5.000	28.685	C	5.00	365	27
200TLC40			5050	2.437	5.000	31.865	C	5.00	444	27
200TLC45			6050	4.437	6.000	35.840	C	5.00	493	55
200TLC48			6050	4.437	6.000	38.225	C	5.00	547	55
200TLC54			6050	4.437	6.000	42.995	C	5.00	665	55
200TLC60			6050	4.437	6.000	47.767	C	5.00	797	55

Offset hubs on type C Sprockets - 2 5/16 x 1 11/16 on 4040, 2 13/16 x 1 11/16 on 4545, 3 5/16 x 1 11/16 on 5050, 3 1/16 x 1 15/16 on 6050 bushings from sprocket centerline to hub face. Large end of taper is on the side with shortest hub projection.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical items plus \$3.30 per tooth to the list price.

Taper-Lock®  
Bushings



**TAPER-LOCK® BUSHINGS**

**SUMMARIZED LISTING - PRICES AND DIMENSIONS**

Size and List Price			Dimensions - Weights					
Bushing No.	Bore Ranges	List Price	A	B	L	M	Hub Diameter Required	Approx. Weight
1008	1/2 - 1		1.38	.87	.62	.75	1.87	.2
1108	1/2 - 1 1/8		1.51	.87	.62	.75	2.00	.2
1210	1/2 - 1 1/4		1.87	1.00	.81	1.06	2.37	.5
1215	1/2 - 1 1/4		1.87	1.50	.81	1.06	2.37	.6
1310	1/2 - 1 3/8		2.00	1.00	.81	1.06	2.62	.6
1610	1/2 - 1 5/8		2.25	1.00	.81	1.06	2.87	.7
1615	1/2 - 1 5/8		2.25	1.50	.81	1.06	2.87	.8
2012	1/2 - 2		2.75	1.25	.93	1.37	3.50	1.2
2517	1/2 - 2 1/2		3.37	1.75	1.00	1.62	4.25	2.4
2525	3/4 - 2 1/2		3.37	2.50	1.00	1.62	4.25	3.3
3020	7/8 - 3		4.25	2.00	1.18	2.06	5.25	4.5
3030	15/16 - 3		4.25	3.00	1.18	2.06	5.25	6.0
3535	1 3/16 - 3 1/2		5.00	3.50	2.00	2.62	6.50	9.0
4040	1 7/16 - 4		5.75	4.00	1.62	4.37	7.75	16.0
4545	1 15/16 - 4 1/2		6.37	4.50	1.62	4.37	8.75	20.0
5050	2 7/16 - 5		7.00	5.00	1.62	4.37	9.50	27.0
6050	4 7/16 - 6		9.25	5.00	1.62	4.37	13.50	55.0
7060	4 15/16 - 7		10.25	6.00	1.62	4.37	14.75	75.0
8065	5 7/16 - 8		11.25	6.50	1.62	4.37	15.50	90.0

**Stock Taper-Lock® Bushings with METRIC Bores and Keyways**

Bore	Keyway	1008	1210	1215	1610	1615	2012	2517	3020
14	5X2.3	X	X	X	X	X			
16	5X2.3	X	X	X	X	X			
18	6X2.8	X	X	X	X	X	X	X	
19	6X2.8	X	X	X	X	X	X	X	
20	6X2.8	X	X	X	X	X	X	X	
22	6X2.8	X	X	X	X	X	X	X	
24	8X3.3		X	X	X	X	X	X	
25	8X3.3		X	X	X	X	X	X	
28	8X3.3				X	X	X	X	X
30	8X3.3				X	X	X	X	X

L - Space required to tighten bushing or loosen to remove hub with puller using short hex key.

M - Space required to remove bushing using screws as jackscrews - short hex key - no puller required.

Listed required hub diameter is for reference only. Severe conditions may require larger hub and in some cases a slightly smaller hub may be satisfactory. Inquire about specific application.

Prices listed are for standard bushings. We can also supply special bushings made of other machinable materials. Please inquire for a quotation.

**Stock STEEL and STAINLESS STEEL Taper-Lock® Bushings listed on page 46.**

**LINN GEAR COMPANY**

**\*\* STOCK TAPER-LOCK® BUSHING BORES (With Standard Width Keyway) \*\***

Stock Bores	Bushing Sizes															Stock Bores	
	1008	1108	1210	1215	1310	1610	1615	2012	2517	2525	3020	3030	3535	4040	4545		5050
1/2	X	X	X	X	X	X	X	X	X								1/2
9/16	X	X	X	X	X	X	X	X									9/16
5/8	X	X	X	X	X	X	X	X	X								5/8
11/16	X	X	X	X	X	X	X	X	X								11/16
3/4	X	X	X	X	X	X	X	X	X	X							3/4
13/16	X	X	X	X	X	X	X	X	X								13/16
7/8	X	X	X	X	X	X	X	X	X	X	X						7/8
15/16	X	X	X	X	X	X	X	X	X	X	X	X					15/16
1 1/16	X	X	X	X	X	X	X	X	X	X	X	X					1 1/16
1 1/8		X	X	X	X	X	X	X	X	X	X	X					1 1/8
1 3/16			X	X	X	X	X	X	X	X	X	X	X				1 3/16
1 1/4			X	X	X	X	X	X	X	X	X	X	X				1 1/4
1 5/16					X	X	X	X	X	X	X	X	X				1 5/16
1 3/8					X	X	X	X	X	X	X	X	X				1 3/8
1 7/16						X	X	X	X	X	X	X	X	X			1 7/16
1 1/2						X	X	X	X	X	X	X	X	X			1 1/2
1 9/16						X	X	X	X	X	X	X	X	X			1 9/16
1 5/8						X	X	X	X	X	X	X	X	X			1 5/8
1 11/16								X	X	X	X	X	X	X			1 11/16
1 3/4								X	X	X	X	X	X	X			1 3/4
1 13/16								X	X	X	X	X	X	X			1 13/16
1 7/8								X	X	X	X	X	X	X			1 7/8
1 15/16								X	X	X	X	X	X	X	X		1 15/16
2								X	X	X	X	X	X	X	X		2
2 1/16									X	X	X	X	X	X			2 1/16
2 1/8									X	X	X	X	X	X			2 1/8
2 3/16									X	X	X	X	X	X	X		2 3/16
2 1/4									X	X	X	X	X	X			2 1/4
2 5/16									X	X	X	X	X	X			2 5/16
2 3/8									X	X	X	X	X	X	X		2 3/8
2 7/16									X	X	X	X	X	X	X		2 7/16
2 1/2									X	X	X	X	X	X	X	X	2 1/2
2 5/8									X	X	X	X	X	X	X		2 5/8
2 11/16									X	X	X	X	X	X			2 11/16
2 3/4										X	X	X	X	X	X		2 3/4
2 13/16										X	X	X	X	X			2 13/16
2 7/8										X	X	X	X	X	X		2 7/8
2 15/16										X	X	X	X	X	X	X	2 15/16
3										X	X	X	X	X	X		3
3 1/8												X	X	X			3 1/8
3 3/16												X	X	X			3 3/16
3 1/4												X	X	X			3 1/4
3 5/16												X	X	X			3 5/16
3 3/8												X	X	X	X		3 3/8
													X	X	X	X	3 7/16
4 7/16	X											X	X	X			3 1/2
4 15/16	X	X										X	X	X	X		3 5/8
5 7/16	X	X	X									X	X	X			3 11/16
5 15/16	X	X	X	X								X	X				3 3/4
6	X	X	X	X								X	X	X			3 7/8
6 7/16			X	X									X	X	X		3 15/16
6 1/2			X	X									X	X	X		4
6 15/16			X	X									X	X			4 1/8
7			X	X									X	X			4 3/16
7 1/2				X									X	X	X		4 1/4
8				X										X	X		4 3/8
9														X	X		4 7/16
10														X	X		4 1/2
															X	X	4 7/8
																X	4 15/16
																X	5

Taper-Lock®  
Bushings



**STEEL and STAINLESS STEEL Taper-Lock® Bushings**

Size and List Price				Alteration Charges			Dimensions - Weights			
Steel		Stainless Steel		Plain Stock Bore	Quantity Identical Items	Re-Bore Each	Each Kwty	Max. Bore	Length	Appx. Wt.
Bushing No.	List Price	Bushing No.	List Price							
1610S		1610SS		.500	1	60.00	24.00	1.625	1.00	.7
1615S				.500	2 - 4	42.00	16.80	1.625	1.50	.8
2012S		2012SS		.500	5 - 9	36.00	14.40	2.000	1.25	1.2
2517S		2517SS		.500	10 - 24	33.00	13.20	2.500	1.75	2.4
2525S				.750	1	70.00	28.00	2.500	2.50	3.3
3020S		3020SS		.750	2 - 4	49.00	19.60	3.000	2.00	4.5
3030S				.750	5 - 9	42.00	16.80	3.000	3.00	6
					10 - 24	39.00	15.40			
3535S				1.000	1	100.00	40.00	3.500	3.50	9
4040S				1.000	2 - 4	70.00	28.00	4.000	4.00	16
4545S				1.000	5 - 9	60.00	24.00	4.500	4.50	20
					10 - 24	55.00	22.00			

Other sizes or materials are available made-to-order. Please inquire for a quotation.

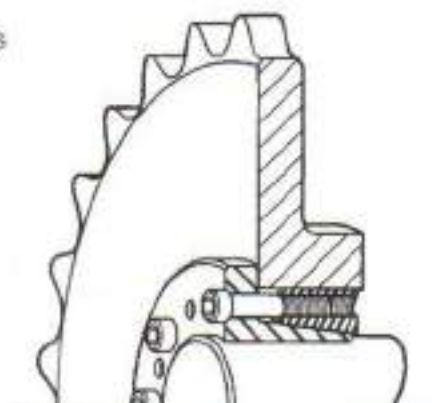
Note: Keys are not included but may be furnished at additional cost.

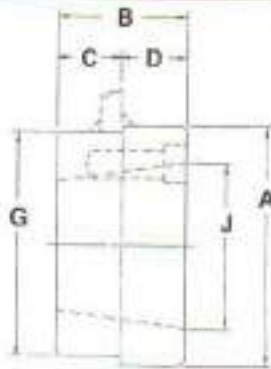
**B-LOC KEYLESS SHAFT/HUB CONNECTORS**

**Eliminate the disadvantages of conventional fits  
and utilize the advantages of mechanical interference fits**

- Eliminate keys or splines in mounting machine components to shafts
- Transmit high torques, thrust loads and bending moments
- Provide a frictional connection, just by tightening screws
- Reduce manufacturing costs
- Reduce downtime and maintenance
- Permit simple axial and angular timing

*Linn* Sprockets and gears can be bored to accept the B-LOC keyless shaft/hub connectors which can be supplied with your order. Inquire for price and availability.



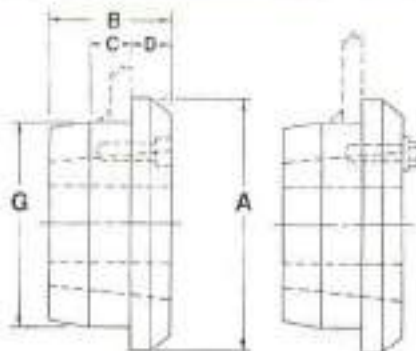


Taper-Lock®  
Hubs

**Weld-In Hubs For TAPER-LOCK® Bushings**  
Type S and Type W - Steel

**TYPE S**

Size and List Price		Bushing Specs.		Dimensions - Weights						
Hub No.	List Price	Use Bushing No.	Bore Range	A Nominal	B +.005 - .010	C +.010 - .010	D +.000 - .005	G +.000 - .002	J	Appx. Wt.
S16-4		1610	1/2 - 1 5/8	3.12	1.000	.265	.735	2.875	2.25	.9
S16-6		1610	1/2 - 1 5/8	3.12	1.000	.450	.550	2.875	2.25	.9
S20-6		2012	1/2 - 2	3.62	1.250	.450	.800	3.437	2.75	1.8
S20-8		2012	1/2 - 2	3.62	1.250	.565	.685	3.437	2.75	1.7
S25-6		2517	1/2 - 2 1/2	4.37	1.750	.450	1.300	4.125	3.37	2.6
S25-8		2517	1/2 - 2 1/2	4.37	1.750	.565	1.185	4.125	3.37	2.6
S25-10		2517	1/2 - 2 1/2	4.37	1.750	.685	1.065	4.125	3.37	2.5
S25-16		2517	1/2 - 2 1/2	4.37	1.750	1.090	.660	4.125	3.37	2.4
S30-10		3020	7/8 - 3	5.37	2.000	.685	1.315	5.125	4.25	4.3
S30-16		3020	7/8 - 3	5.37	2.000	1.090	.910	5.125	4.25	4.2
S35		3535	1 3/16 - 3 1/2	6.62	3.500	1.160	2.340	6.375	5.00	13.0



**TYPE W**

Size and List Price		Bushing Specs.		Dimensions - Weights					
Hub No.	List Price	Use Bushing No.	Bore Range	A	B	C	D	*G	Appx. Wt.
W-12		1215	1/2 - 1 1/4	2.75	1.50	.375	.62	2.500	1.3
W-16		1615	1/2 - 1 5/8	3.12	1.50	.375	.62	2.875	1.5
W-25		2517	1/2 - 2 1/2	4.62	1.75	.500	.75	4.375	4.0
WA-30		3030	15/16 - 3	5.37	3.00	.750	.75	5.125	6.0
WA-35		3535	1 3/16 - 3 1/2	6.62	3.50	1.250	1.00	6.250	12.5
WA-40		4040	1 7/16 - 4	7.62	4.00	1.500	1.00	7.250	20.0
WA-45		4545	1 15/16 - 4 1/2	8.62	4.50	1.750	1.00	8.000	27.0
WA-50		5050	2 7/16 - 5	9.37	5.00	1.750	1.00	8.750	35.0
WA-60		6050	4 7/16 - 6	12.87	5.00	1.750	1.25	12.250	75.0
WA-70		7060	4 15/16 - 7	14.50	6.00	2.250	1.25	13.500	110.0
WA-80		8065	5 7/16 - 8	14.87	6.50	2.250	1.25	14.250	120.0

\* W-12 through WA-35 +.000 -.002, WA-40 through WA-50 +.000 -.003, WA-60 +.000 -.004

Both Type S and Type W hubs can be supplied in stainless steel if needed - prices quoted on request.



1/2" PITCH (.312 ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 40 - Q.D.® Bushed Sprockets

Catalog No.	Size and List Price			Bushing Size	Dimensions - Weights					
	Sprocket Only	Hardened Sprocket Only	Bushing Only		Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approx. Sprocket Weight
					Minimum	Maximum				
40JA15(H)*				JA	.500	1.250	2.405	B	1.00	.3
40JA16(H)				JA	.500	1.250	2.563	B	1.00	.3
40JA17(H)				JA	.500	1.250	2.721	B	1.00	.3
40JA18(H)				JA	.500	1.250	2.879	B	1.00	.4
40JA19(H)				JA	.500	1.250	3.038	B	1.00	.5
40SH20(H)*				SH	.500	1.687	3.196	B	1.25	.6
40SH21(H)				SH	.500	1.687	3.355	B	1.25	.7
40SH22(H)				SH	.500	1.687	3.513	B	1.25	.8
40SH23(H)				SH	.500	1.687	3.672	B	1.25	.8
40SH24(H)				SH	.500	1.687	3.831	B	1.25	.9
40SH25(H)				SH	.500	1.687	3.989	B	1.25	1.0
40SH26(H)				SH	.500	1.687	4.148	B	1.25	1.3
40SH27(H)				SH	.500	1.687	4.307	B	1.25	1.3
40SH28(H)				SH	.500	1.687	4.466	B	1.25	1.4
40SH30(H)				SH	.500	1.687	4.783	B	1.25	1.6
40SH32				SH	.500	1.687	5.101	B	1.25	1.8
40SH35				SH	.500	1.687	5.578	B	1.25	2.1
40SDS36				SDS	.500	2.000	5.737	B	1.31	2.3
40SDS40				SDS	.500	2.000	6.373	B	1.31	2.7
40SDS45				SDS	.500	2.000	7.168	B	1.31	3.3
40SDS48				SDS	.500	2.000	7.645	B	1.31	3.7
40SDS54				SDS	.500	2.000	8.599	B	1.31	4.9
40SDS60				SDS	.500	2.000	9.554	B	1.31	5.7
40SK70				SK	.500	2.625	11.145	B	1.87	8.8
40SK72				SK	.500	2.625	11.463	B	1.87	9
40SK80				SK	.500	2.625	12.736	B	1.87	11
40SK84				SK	.500	2.625	13.372	B	1.87	12
40SK96				SK	.500	2.625	15.282	B	1.87	15
40SK112				SK	.500	2.625	17.828	B	1.87	21

\*Reverse mount only - Bolt heads may interfere with chain on standard mount.

Bores approaching maximum have shallow or no Keyway - See page 56 for specifications.

Space in addition to length through bore is required for bolt heads and wrench on sprocket side in standard mount and on bushing side in reverse mount.

See page 56 for explanation of hub types.

**HARDENING** - Over 30 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.40 per tooth to the list price.



5/8" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 50 - Q.D.® Bushed Sprockets

Catalog No.	Size and List Price				Dimensions - Weights					
	Sprocket Only	Hardened Sprocket Only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approx. Sprocket Weight
					Minimum	Maximum				
50JA13(H)*				JA	.500	1.250	2.612	B	1.00	.3
50JA14(H)				JA	.500	1.250	2.809	B	1.00	.4
50JA15(H)				JA	.500	1.250	3.006	B	1.00	.5
50JA16(H)				JA	.600	1.250	3.204	B	1.00	.6
50SH17(H)*				SH	.500	1.687	3.401	B	1.25	.8
50SH18(H)				SH	.500	1.687	3.599	B	1.25	.9
50SH19(H)				SH	.500	1.687	3.797	B	1.25	1.0
50SDS20(H)				SDS	.500	2.000	3.995	B	1.31	1.1
50SDS21(H)				SDS	.500	2.000	4.193	B	1.31	1.2
50SDS22(H)				SDS	.500	2.000	4.392	B	1.31	1.4
50SDS23(H)				SDS	.500	2.000	4.590	B	1.31	1.7
50SDS24(H)				SDS	.500	2.000	4.788	B	1.31	1.8
50SDS25(H)				SDS	.500	2.000	4.987	B	1.31	1.9
50SDS26(H)				SDS	.500	2.000	5.185	B	1.31	2.1
50SDS27(H)				SDS	.500	2.000	5.384	B	1.31	2.7
50SDS28(H)				SDS	.500	2.000	5.582	B	1.31	2.4
50SDS30(H)				SDS	.500	2.000	5.979	B	1.31	2.7
50SDS32				SDS	.500	2.000	6.376	B	1.31	3.0
50SDS35				SDS	.500	2.000	6.972	B	1.31	3.6
50SDS36				SDS	.500	2.000	7.171	B	1.31	3.8
50SDS40				SDS	.500	2.000	7.966	B	1.31	4.7
50SDS45				SDS	.500	2.000	8.960	B	1.31	6.0
50SDS48				SDS	.500	2.000	9.556	B	1.31	6.7
50SK54				SK	.500	2.625	10.749	B	1.87	9.3
50SK60				SK	.500	2.625	11.942	B	1.87	11
50SK70				SK	.500	2.625	13.931	B	1.87	15
50SK72				SK	.500	2.625	14.328	B	1.87	16
50SK80				SK	.500	2.625	15.920	B	1.87	20
50SF84				SF	.500	2.937	16.715	B	2.00	23
50SF96				SF	.500	2.937	19.102	B	2.00	29
50SF112				SF	.500	2.937	22.285	B	2.00	39

\*Reverse mount only - Bolt heads may interfere with chain on standard mount.

Bores approaching maximum have shallow or no keyway - See page 56 for specifications.

Space in addition to length through bore is required for bolt heads and wrench on sprocket side in standard mount and on bushing side in reverse mount.

See page 56 for explanation of hub types.

**HARDENING** - Over 30 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.45 per tooth to the list price.



3/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 60 - Q.D.<sup>®</sup> Bushed Sprockets

Size and List Price				Dimensions - Weights						
Catalog No.	Sprocket Only	Hardened Sprocket Only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approx. Sprocket Weight
					Minimum	Maximum				
60JA11(H)*				JA	.500	1.250	2.662	B	1.00	.5
60JA12(H)				JA	.500	1.250	2.898	B	1.00	.7
60JA13(H)				JA	.500	1.250	3.134	B	1.00	.8
60SH14(H)*				SH	.500	1.687	3.371	B	1.25	.8
60SH15(H)				SH	.500	1.687	3.607	B	1.25	1.0
60SH16(H)				SH	.500	1.687	3.844	B	1.25	1.3
60SDS17(H)				SDS	.500	2.000	4.082	B	1.31	1.4
60SDS18(H)				SDS	.500	2.000	4.319	B	1.31	1.6
60SDS19(H)				SDS	.500	2.000	4.557	B	1.31	1.8
60SDS20(H)				SDS	.500	2.000	4.794	B	1.31	2.0
60SDS21(H)				SDS	.500	2.000	5.032	B	1.31	2.3
60SDS22(H)				SDS	.500	2.000	5.270	B	1.31	2.5
60SDS23(H)				SDS	.500	2.000	5.508	B	1.31	2.8
60SDS24(H)				SDS	.500	2.000	5.746	B	1.31	3.0
60SDS25(H)				SDS	.500	2.000	5.984	B	1.31	3.3
60SK26(H)				SK	.500	2.625	6.222	B	1.87	4.4
60SK27(H)				SK	.500	2.625	6.460	B	1.87	4.7
60SK28(H)				SK	.500	2.625	6.699	B	1.87	5.0
60SK30(H)				SK	.500	2.625	7.175	B	1.87	5.6
60SK32				SK	.500	2.625	7.652	B	1.87	6.3
60SK35				SK	.500	2.625	8.367	B	1.87	7.4
60SK36				SK	.500	2.625	8.605	B	1.87	7.8
60SK40				SK	.500	2.625	9.559	B	1.87	9.3
60SF45				SF	.500	2.937	10.752	B	2.00	12
60SF48				SF	.500	2.937	11.467	B	2.00	14
60SF54				SF	.500	2.937	12.899	B	2.00	17
60SF60				SF	.500	2.937	14.330	B	2.00	21
60SF70				SF	.500	2.937	16.717	B	2.00	29
60SF72				SF	.500	2.937	17.194	B	2.00	30
60SF80				SF	.500	2.937	19.103	B	2.00	39
60SF84				SF	.500	2.937	20.058	B	2.00	43
60SF86				SF	.500	2.937	22.922	B	2.00	55
60E112				E	.875	3.500	26.742	C	2.62	78

\*Reverse mount only - Bolt heads may interfere with chain on standard mount.

Bores approaching maximum have shallow or no keyway - See page 56 for specifications.

Space in addition to length through bore is required for bolt heads and wrench on sprocket side in standard mount and on bushing side in reverse mount.

See page 56 for explanation of hub types.

**HARDENING** - Over 30 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.70 per tooth to the list price.



**1" PITCH - SINGLE STRAND - STEEL**  
**A.N.S.I. No. 80 - Q.D.® Bushed Sprockets**

Size and List Price					Dimensions - Weights					
Catalog No.	Sprocket Only	Hardened Sprocket Only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approx. Sprocket Weight
					Minimum	Maximum				
80SH11(H)*				SH	.500	1.687	3.549	B	1.25	1.0
80SH12(H)				SH	.500	1.687	3.864	B	1.25	1.3
80SDS13(H)*				SDS	.500	2.000	4.179	B	1.31	1.4
80SDS14(H)				SDS	.500	2.000	4.494	B	1.31	1.7
80SK15(H)*				SK	.500	2.625	4.810	B	1.87	2.3
80SK16(H)				SK	.500	2.625	5.126	B	1.87	2.8
80SK17(H)				SK	.500	2.625	5.442	B	1.87	3.6
80SK18(H)				SK	.500	2.625	5.759	B	1.87	4.0
80SK19(H)				SK	.500	2.625	6.076	B	1.87	4.4
80SF20(H)				SF	.500	2.937	6.392	B	2.00	5.2
80SF21(H)				SF	.500	2.937	6.710	B	2.00	5.6
80SF22(H)				SF	.500	2.937	7.027	B	2.00	6.2
80SF23(H)				SF	.500	2.937	7.344	B	2.00	6.8
80SF24(H)				SF	.500	2.937	7.661	B	2.00	7.3
80SF25(H)				SF	.500	2.937	7.979	B	2.00	8.0
80SF26(H)				SF	.500	2.937	8.296	B	2.00	8.5
80SF27(H)				SF	.500	2.937	8.614	B	2.00	9.2
80SF28(H)				SF	.500	2.937	8.931	B	2.00	10
80SF30(H)				SF	.500	2.937	9.567	B	2.00	13
80SF32				SF	.500	2.937	10.202	B	2.00	14
80SF35				SF	.500	2.937	11.156	B	2.00	17
80SF36				SF	.500	2.937	11.474	B	2.00	18
80SF40				SF	.500	2.937	12.745	B	2.00	21
80SF45				SF	.500	2.937	14.336	B	2.00	27
80SF48				SF	.500	2.937	15.290	B	2.00	30
80SF54				SF	.500	2.937	17.198	B	2.00	38
80SF60				SF	.500	2.937	19.107	B	2.00	48
80E70				E	.875	3.500	22.289	C	2.62	65
80E72				E	.875	3.500	22.926	C	2.62	70
80E80				E	.875	3.500	25.471	C	2.62	87
80E84				E	.875	3.500	26.744	C	2.62	97
80E96				E	.875	3.500	30.563	C	2.62	123
80F112				F	1.000	3.937	35.655	C	3.62	167

\*Reverse mount only - Bolt heads may interfere with chain on standard mount.

Bores approaching maximum have shallow or no keyway - See page 56 for specifications.

Space in addition to length through bore is required for bolt heads and wrench on sprocket side in standard mount and on bushing side in reverse mount.

See page 56 for explanation of hub types.

**HARDENING** - Over 30 teeth, add preparation charge of \$20.00 divided by the number of identical items plus \$.90 per tooth to the list price.



1 1/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 100 - Q.D.® Bushed Sprockets

Catalog No.	Size and List Price				Dimensions - Weights					
	Sprocket Only	Hardened Sprocket Only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approx. Sprocket Weight
					Minimum	Maximum				
100SDS11(H)				SDS	.500	2.000	4.437	B	1.31	1.8
100SDS12(H)				SDS	.500	2.000	4.830	B	1.31	2.4
100SK13(H)*				SK	.500	2.625	5.223	B	1.87	3.2
100SK14(H)				SK	.500	2.625	5.617	B	1.87	3.8
100SF15(H)				SF	.500	2.937	6.012	B	2.00	4.7
100SF16(H)				SF	.500	2.937	6.407	B	2.00	5.6
100SF17(H)				SF	.500	2.937	6.803	B	2.00	6.3
100E18(H)				E	.875	3.500	7.198	B	2.62	8.7
100E19(H)				E	.875	3.500	7.594	B	2.62	9.9
100E20(H)				E	.875	3.500	7.991	B	2.62	12
100E21(H)				E	.875	3.500	8.387	B	2.62	13
100E22(H)				E	.875	3.500	8.783	B	2.62	14
100E23(H)				E	.875	3.500	9.180	B	2.62	15
100E24(H)				E	.875	3.500	9.577	B	2.62	16
100E25(H)				E	.875	3.500	9.973	B	2.62	17
100E26(H)				E	.875	3.500	10.370	B	2.62	18
100E28(H)				E	.875	3.500	11.164	B	2.62	21
100E30(H)				E	.875	3.500	11.958	B	2.62	24
100E32				E	.875	3.500	12.753	B	2.62	27
100E35				E	.875	3.500	13.945	B	2.62	31
100E36				E	.875	3.500	14.342	B	2.62	33
100E40				E	.875	3.500	15.932	B	2.62	40
100E45				E	.875	3.500	17.919	B	2.62	50
100E48				E	.875	3.500	19.112	B	2.62	58
100E54				E	.875	3.500	21.498	C	2.62	75
100E60				E	.875	3.500	23.884	C	2.62	90
100F70				F	1.000	3.937	27.862	C	3.62	128
100F72				F	1.000	3.937	28.657	C	3.62	133
100F80				F	1.000	3.937	31.839	C	3.62	165
100F84				F	1.000	3.937	33.430	C	3.62	181

\*Reverse mount only - Bolt heads may interfere with chain on standard mount.

Bores approaching maximum have shallow or no keyway - See page 56 for specifications.

Space in addition to length through bore is required for bolt heads and wrench on sprocket side in standard mount and on bushing side in reverse mount.

See page 56 for explanation of hub types.

**HARDENING** - Over 30 teeth, add preparation charge of \$20.00 divided by the number of identical items plus \$1.20 per tooth to the list price.



1 1/2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 120 - Q.D.<sup>®</sup> Bushed Sprockets

Size and List Price				Dimensions - Weights						
Catalog No.	Sprocket Only	Hardened Sprocket Only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approx. Sprocket Weight
					Minimum	Maximum				
120SF12(H)*				SF	.500	2.937	5.796	B	2.00	4.7
120SF13(H)				SF	.500	2.937	6.268	B	2.00	5.9
120SF14(H)				SF	.500	2.937	6.741	B	2.00	7.0
120SF15(H)				SF	.500	2.937	7.215	B	2.00	8.2
120E16(H)				E	.875	3.500	7.689	B	2.62	11
120E17(H)				E	.875	3.500	8.163	B	2.62	13
120E18(H)				E	.875	3.500	8.638	B	2.62	15
120E19(H)				E	.875	3.500	9.113	B	2.62	16
120E20(H)				E	.875	3.500	9.589	B	2.62	19
120E21(H)				E	.875	3.500	10.064	B	2.62	20
120E22(H)				E	.875	3.500	10.540	B	2.62	22
120E23(H)				E	.875	3.500	11.016	B	2.62	24
120E24(H)				E	.875	3.500	11.492	B	2.62	26
120E25(H)				E	.875	3.500	11.968	B	2.62	28
120E26(H)				E	.875	3.500	12.444	B	2.62	30
120E28(H)				E	.875	3.500	13.397	B	2.62	34
120E30(H)				E	.875	3.500	14.350	B	2.62	40
120F32				F	1.000	3.937	15.303	C	3.62	52
120F35				F	1.000	3.937	16.734	C	3.62	60
120F36				F	1.000	3.937	17.211	C	3.62	67
120F40				F	1.000	3.937	19.118	C	3.62	78
120F45				F	1.000	3.937	21.503	C	3.62	97
120F48				F	1.000	3.937	22.935	C	3.62	120
120F54				F	1.000	3.937	25.798	C	3.62	145
120J60				J	1.625	4.500	28.661	C	4.50	179
120J70				J	1.625	4.500	33.434	C	4.50	233
120J80				J	1.625	4.500	38.207	C	4.50	301

\*Reverse mount only - Bolt heads may interfere with chain on standard mount.

Bores approaching maximum have shallow or no keyway - See page 56 for specifications.

Space in addition to length through bore is required for bolt heads and wrench on sprocket side in standard mount and on bushing side in reverse mount.

See page 56 for explanation of hub types.

**HARDENING** - Over 30 teeth, add preparation charge of \$20.00 divided by the number of identical items plus \$1.60 per tooth to the list price.



1 3/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 140 - Q.D.\* Bushed Sprockets

Size and List Price				Dimensions - Weights						
Catalog No.	Sprocket Only	Hardened Sprocket Only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approx. Sprocket Weight
					Minimum	Maximum				
140SF11(H)*				SF	.500	2.937	6.212	B	2.00	5.5
140SF12(H)				SF	.500	2.937	6.762	B	2.00	7.3
140SF13(H)				SF	.500	2.937	7.313	B	2.00	8.7
140E14(H)				E	.875	3.500	7.864	B	2.62	12
140E15(H)				E	.875	3.500	8.417	B	2.62	14
140E16(H)				E	.875	3.500	8.970	B	2.62	15
140E17(H)				E	.875	3.500	9.524	B	2.62	18
140E18(H)				E	.875	3.500	10.078	B	2.62	20
140E19(H)				E	.875	3.500	10.632	B	2.62	21
140E20(H)				E	.875	3.500	11.187	B	2.62	24
140E21(H)				E	.875	3.500	11.742	B	2.62	26
140E22(H)				E	.875	3.500	12.297	B	2.62	29
140F23(H)				F	1.000	3.937	12.852	B	3.62	39
140F24(H)				F	1.000	3.937	13.407	B	3.62	42
140F25(H)				F	1.000	3.937	13.963	B	3.62	45
140F26(H)				F	1.000	3.937	14.518	B	3.62	48
140F28(H)				F	1.000	3.937	15.630	B	3.62	56
140F30(H)				F	1.000	3.937	16.742	B	3.62	61
140F32				F	1.000	3.937	17.854	B	3.62	70
140F35				F	1.000	3.937	19.523	C	3.62	79
140F36				F	1.000	3.937	20.079	C	3.62	86
140J40				J	1.625	4.500	22.305	C	4.50	109
140J45				J	1.625	4.500	25.087	C	4.50	135
140J48				J	1.625	4.500	26.757	C	4.50	152
140J54				J	1.625	4.500	30.097	C	4.50	201
140J60				J	1.625	4.500	33.438	C	4.50	245
140M70				M	2.000	5.500	39.006	C-1	6.75	339
140M80				M	2.000	5.500	44.575	C-1	6.75	428

\*Reverse mount only - Bolt heads may interfere with chain on standard mount.

Bores approaching maximum have shallow or no keyway - See page 56 for specifications.

Space in addition to length through bore is required for bolt heads and wrench on sprocket side in standard mount and on bushing side in reverse mount.

See page 56 for explanation of hub types.

**HARDENING** - Over 30 teeth, add preparation charge of \$20.00 divided by the number of identical items plus \$1.80 per tooth to the list price.



2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 160 - Q.D.® Bushed Sprockets

Size and List Price					Dimensions - Weights					
Catalog No.	Sprocket Only	Hardened Sprocket Only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approx. Sprocket Weight
					Minimum	Maximum				
160E12(H)*				E	.875	3.500	7.727	B	2.62	12
160E13(H)				E	.875	3.500	8.357	B	2.62	15
160E14(H)				E	.875	3.500	8.988	B	2.62	19
160F15(H)				F	1.000	3.937	9.620	B	3.62	27
160F16(H)				F	1.000	3.937	10.252	B	3.62	30
160F17(H)				F	1.000	3.937	10.885	B	3.62	33
160F18(H)				F	1.000	3.937	11.518	B	3.62	37
160F19(H)				F	1.000	3.937	12.151	B	3.62	41
160F20(H)				F	1.000	3.937	12.785	B	3.62	45
160F21(H)				F	1.000	3.937	13.419	B	3.62	49
160F22(H)				F	1.000	3.937	14.053	B	3.62	53
160F23(H)				F	1.000	3.937	14.688	B	3.62	58
160F24(H)				F	1.000	3.937	15.323	B	3.62	63
160F25(H)				F	1.000	3.937	15.958	B	3.62	68
160J26(H)				J	1.625	4.500	16.593	C	4.50	78
160J28(H)				J	1.625	4.500	17.863	C	4.50	88
160J30(H)				J	1.625	4.500	19.134	C	4.50	103
160J32				J	1.625	4.500	20.405	C	4.50	115
160J35				J	1.625	4.500	22.312	C	4.50	134
160J36				J	1.625	4.500	22.947	C	4.50	142
160M40				M	2.000	5.500	25.491	C-1	6.75	200
160M45				M	2.000	5.500	28.671	C-1	6.75	243
160M48				M	2.000	5.500	30.580	C-1	6.75	265
160M54				M	2.000	5.500	34.397	C-1	6.75	333
160M60				M	2.000	5.500	38.215	C-1	6.75	402
160M70				M	2.000	5.500	44.578	C-1	6.75	534
160M80				M	2.000	5.500	50.943	C-1	6.75	694

\*Reverse mount only - Bolt heads may interfere with chain on standard mount.

Bores approaching maximum have shallow or no keyway - See page 56 for specifications.

Space in addition to length through bore is required for bolt heads and wrench on sprocket side in standard mount and on bushing side in reverse mount.

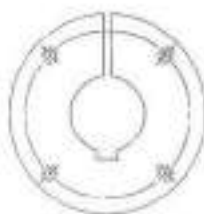
See page 56 for explanation of hub types.

**HARDENING** - Over 30 teeth, add preparation charge of \$30.00 divided by the number of identical items plus \$2.50 per tooth to the list price.

Q.D.<sup>®</sup> Bushings



Bushings JA to J inclusive  
Drilled for Standard  
or Reverse Mounting



Bushings M to W inclusive  
Drilled for Standard  
Mounting Only



Bushing S Drilled  
for Standard  
Mounting only



LIST PRICES, TORQUE RATINGS AND DIMENSIONS

Bush Size	List Price	Torque Capacity (in-lbs)	Wrench Torque (ft-lbs)	A	B	D	E	F	G	L	Bolt Circle	Cap Screws Required	Appx. Wght.
JA		1,000	5	.312	1.375	2.000	.587	.562	.125	1.000	1.656	3-10 x 1	.8
SH		3,500	9	.375	1.671	2.687	.875	.812	.125	1.250	2.250	3-1/4 x 1 3/8	1.0
SDS		5,000	9	.437	2.187	3.187	.875	.750	.125	1.312	2.687	3-1/4 x 1 3/8	1.2
SD		5,000	9	.437	2.187	3.187	1.375	1.250	.125	1.812	2.687	3-1/4 x 1 7/8	1.5
SK		7,000	15	.500	2.812	3.875	1.375	1.250	.125	1.875	3.312	3-5/16 x 2	2.0
SF		11,000	30	.500	3.125	4.625	1.500	1.250	.125	2.000	3.875	3-3/8 x 2	3.5
E		20,000	60	.750	3.834	6.000	1.875	1.625	.125	2.625	5.000	3-1/2 x 2 3/4	9.0
F		30,000	75	.812	4.437	6.625	2.812	2.500	.187	3.625	5.625	3-9/16 x 3 1/2	14
J		45,000	135	1.000	5.148	7.250	3.500	3.187	.187	4.500	6.250	3-5/8 x 4 1/2	22
M		85,000	225	1.250	6.500	9.000	5.500	5.187	.187	6.750	7.875	4-3/4 x 6 3/4	51
N		150,000	300	1.500	7.000	10.000	6.625	6.250	.250	8.125	8.500	4-7/8 x 8	66
P		250,000	450	1.750	8.250	11.750	7.625	7.250	.250	9.375	10.000	4-1 x 9 1/2	122
W		375,000	600	2.000	10.437	15.000	9.375	9.000	.250	11.375	12.750	4-1 1/8 x 11	249
S		625,000	750	3.250	12.125	17.750	12.500	12.000	.375	15.750	15.000	5-1 1/4 x 15 1/2	382

STANDARD KEYWAY DIMENSIONS

Keys are furnished with bushings having shallow keyways.

Bush. Size	Bores	Keyway	Bush. Size	Bores	Keyway	Bush. Size	Bores	Keyway
JA	1/2 - 1 1 1/16 - 1 1/8 1 3/16 1 1/4	Standard 1/4 x 1/16 1/4 x 1/32 None	SF	1/2 - 2 1/4 2 5/16 - 2 1/2 2 9/16 - 2 3/4 2 13/16 - 2 15/16	Standard 5/8 x 3/16 5/8 x 1/16 None	M	2 - 4 3/4 4 7/8 - 5 1/2	Standard 1 1/4 x 1/4
SH	1/2 - 1 3/8 1 7/16 - 1 5/8 1 11/16	Standard 3/8 x 1/16 None	E	7/8 - 2 3/4 2 13/16 - 3 1/4 3 5/16 - 3 7/16 3 1/2	Standard 3/4 x 1/8 7/8 x 1/16 None	P	2 15/16 - 5 11/16 5 3/4 - 6 1/2 6 9/16 - 7	Standard 1 1/2 x 1/4 1 3/4 x 1/8
SDS	1/2 - 1 11/16 1 3/4 1 13/16 1 7/8 - 1 15/16 2	Standard 3/8 x 1/8 1/2 x 1/8 1/2 x 1/16 None	F	1 - 3 1/4 3 5/16 - 3 3/4 3 13/16 - 3 15/16	Standard 7/8 x 3/16 1 x 1/8	S	6 - 8 1/4 8 5/16 - 8 1/2 8 9/16 - 9 1/4 9 5/16 - 10	Standard 2 x 1/4 2 1/4 x 1/4 2 1/2 x 1/4

Q.D.<sup>®</sup> HUB TYPES

TYPE B  
Standard or  
Reverse Mount



TYPE C  
Standard or  
Reverse Mount



TYPE C-1  
Standard  
Mount Only



Bolt heads project on sprocket side in standard mounting and beyond bushing flange in reverse mounting. Exact dimensions may vary by manufacturer. Inquire in critical applications.

STOCK Q.D.® BUSHING BORES  
With Standard Width Keyway

Q.D.® Bushings

Stock Bores	Bushing Sizes													Stock Bores	
	JA	SH	SDS	SD	SK	SF	E	F	J	M	N	P	W		
1/2	X	X	X	X	X	X									1/2
9/16	X	X	X	X	X	X									9/16
5/8	X	X	X	X	X	X									5/8
11/16	X	X	X	X	X	X									11/16
3/4	X	X	X	X	X	X									3/4
13/16	X	X	X	X	X	X									13/16
7/8	X	X	X	X	X	X	X								7/8
15/16	X	X	X	X	X	X	X								15/16
1	X	X	X	X	X	X	X	X							1
1 1/16	X	X	X	X	X	X	X	X							1 1/16
1 1/8	X	X	X	X	X	X	X	X							1 1/8
1 3/16	X	X	X	X	X	X	X	X							1 3/16
1 1/4	0	X	X	X	X	X	X	X							1 1/4
1 5/16		X	X	X	X	X	X	X							1 5/16
1 3/8		X	X	X	X	X	X	X							1 3/8
1 7/16		X	X	X	X	X	X	X							1 7/16
1 1/2		X	X	X	X	X	X	X							1 1/2
1 9/16		X	X	X	X	X	X	X							1 9/16
1 5/8		X	X	X	X	X	X	X	X						1 5/8
1 11/16		0	X	X	X	X	X	X	X						1 11/16
1 3/4			X	X	X	X	X	X	X						1 3/4
1 13/16			X	X	X	X	X	X	X						1 13/16
1 7/8			X	X	X	X	X	X	X	X					1 7/8
1 15/16			X	X	X	X	X	X	X	X					1 15/16
2				0	X	X	X	X	X	X					2
2 1/16					X	X	X	X	X	X					2 1/16
2 1/8					X	X	X	X	X	X					2 1/8
2 3/16					X	X	X	X	X	X					2 3/16
2 1/4					X	X	X	X	X	X					2 1/4
2 5/16					X	X	X	X	X	X					2 5/16
2 3/8					X	X	X	X	X	X					2 3/8
2 7/16					X	X	X	X	X	X					2 7/16
2 1/2					X	X	X	X	X	X					2 1/2
2 5/8					0	X	X	X	X	X					2 5/8
2 11/16						X	X	X	X	X					2 11/16
2 3/4						X	X	X	X	X					2 3/4
2 13/16						0	X	X	X	X					2 13/16
2 7/8						0	X	X	X	X	X				2 7/8
2 15/16						0	X	X	X	X	X	X			2 15/16
3							X	X	X	X	X				3
3 1/8							X	X	X	X	X				3 1/8
3 3/16							X	X	X	X	X	X			3 3/16
3 1/4							X	X	X	X	X				3 1/4
3 3/8							X	X	X	X	X	X			3 3/8
3 7/16							X	X	X	X	X	X	X		3 7/16
3 1/2							0	X	X	X	X	X	X		3 1/2
3 5/8								X	X	X	X	X			3 5/8
3 11/16								X	X	X	X	X			3 11/16
3 3/4								X	X	X	X	X	X		3 3/4
3 7/8								X	X	X	X	X	X		3 7/8
3 15/16								X	X	X	X	X	X		3 15/16
4									X	X	X	X	X		4
4 1/8									X	X	X	X	X		4 1/8
4 3/16									X	X	X	X	X		4 3/16
5 1/4	M	N	P	W	S				X	X	X	X	X		4 1/4
5 3/8	X	X	X						X	X	X	X	X	+	4 3/8
5 7/16	X	X	X						X	X	X	X	X		4 7/16
5 1/2	X	X	X							X	X	X	X		4 1/2
5 7/8		X	X							X	X	X	X		4 5/8
5 15/16			X							X	X	X	X		4 11/16
6			X							X	X	X	X		4 3/4
6 1/2			X	+	+					X	X	X	X		4 7/8
7			X							X	X	X	X		4 15/16
			X							X	X	X	X		5

0 No keyway. + Stocked with plain bore but furnished bored and keyed to order.

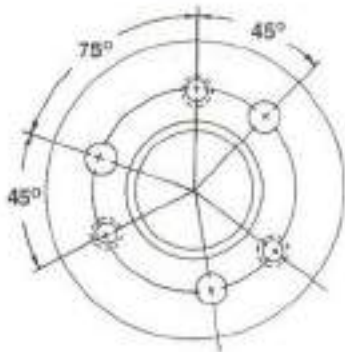
Q.D.<sup>®</sup> Hubs



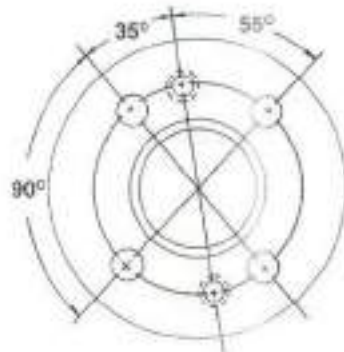
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**Q.D.<sup>®</sup> STEEL WELD-IN ADAPTERS**

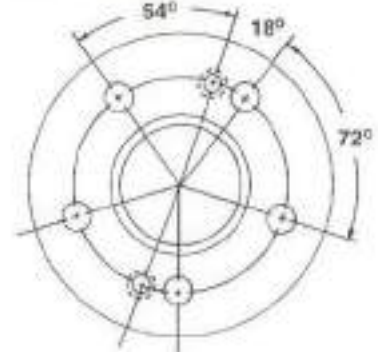
For field assembly of sprockets or other products for use with Q.D.<sup>®</sup> Bushings



Type 1 Drilling  
For JA Through J Adapters

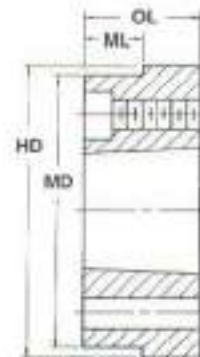


Type 2 Drilling  
For M Through W Adapters



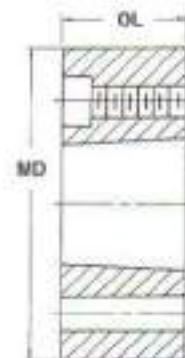
Type 3 Drilling  
For S Adapter

Adapter No.	List Price	Hub Diameter HD	Mounting Diameter MD	Mounting Length ML	Overall Length OL	Appx. Weight
A-JA		2.250	2.125	.187	.562	.4
A-SH		3.125	2.875	.312	.750	1.0
A-SDS		3.625	3.375	.312	.750	1.3
A-SK		4.625	4.375	.875	1.250	3.5
A-SF		5.500	5.250	.875	1.250	5.4
A-E		6.500	6.250	1.000	1.625	9.3
A-F		7.250	7.000	1.125	2.500	17
A-J		8.000	7.750	1.500	3.187	24
A-M		10.000	9.500	3.937	5.187	60
A-N		10.750	10.250	4.750	6.250	81



Type A Adapter  
With Mounting Register

SA-JA			2.375		.562	.4
SA-SH			3.000		.750	.9
SA-SDS			3.500		.750	1.2
SA-SK			4.375		1.250	2.9
SA-SF			5.000		1.250	4.0
SA-E			6.250		1.625	8.3
SA-F			7.000		2.500	15
SA-J			7.750		3.187	22
SA-M			9.750		5.187	60
SA-N			10.500		6.250	85
SA-P			12.750		7.250	150
SA-W			15.750		9.000	275
SA-S			17.750		12.000	445



Type SA Adapter With  
Straight Outside Diameter



1/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 25 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
25A18				1.440	.250	.05
25A19				1.519	.250	.05
25A20				1.598	.250	.05
25A21				1.678	.250	.06
25A22				1.757	.250	.07
25A23				1.836	.250	.07
25A24				1.915	.375	.08
25A25				1.995	.375	.09
25A26		1	30.00	2.074	.375	.09
25A28		2 - 4	21.00	2.233	.375	.11
25A30		5 - 9	18.00	2.392	.375	.12
25A32		10 - 24	16.50	2.551	.375	.14
25A35				2.799	.375	.17
25A36				2.860	.375	.18
25A40				3.187	.500	.23
25A45				3.584	.500	.28
25A48				3.823	.500	.32
25A54				4.300	.500	.41
25A60				4.777	.500	.5
25A70				5.572	.500	.7
25A72		1	40.00	5.732	.500	.7
25A80		2 - 4	28.00	6.368	.500	.9
		5 - 9	24.00			
25A84		10 - 24	22.00	6.686	.500	1.0
25A96				7.641	.500	1.3

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical parts plus \$2.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.15 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.



3/8" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 35 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
35A14				1.685	.500	.1
35A15				1.804	.500	.1
35A16				1.922	.500	.1
35A17				2.041	.500	.2
35A18				2.159	.500	.2
35A19				2.278	.500	.2
35A20				2.397	.500	.2
35A21				2.516	.500	.2
35A22				2.635	.500	.2
35A23				2.754	.500	.3
35A24				2.873	.500	.3
35A25		1	30.00	2.992	.500	.3
		2 - 4	21.00			
35A26		5 - 9	18.00	3.111	.500	.4
35A27		10 - 24	18.50	3.230	.500	.4
35A28				3.349	.500	.4
35A30				3.588	.500	.5
35A32				3.826	.500	.5
35A35				4.183	.500	.7
35A36				4.303	.500	.7
35A40				4.780	.500	.9
35A42				5.018	.500	1.0
35A45				5.376	.500	1.1
35A48				5.734	.500	1.2
35A54				6.449	.625	1.5
35A60				7.165	.625	1.9
35A70				8.358	.625	2.6
35A72				8.597	.625	2.7
35A80		1	40.00	9.552	.750	3.4
35A84		2 - 4	28.00	10.029	.750	3.7
		5 - 9	24.00			
35A96		10 - 24	22.00	11.461	.750	4.6
35A112				13.371	.750	5.3
35A120				14.326	.750	6.2

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical parts plus \$2.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.15 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add \$10.00 divided by the number of identical parts plus \$.30 per tooth to the list price.



1/2 PITCH (.306 ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 41 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
41A 9				1.462	.500	.1
41A10				1.618	.500	.1
41A11				1.775	.500	.2
41A12				1.932	.500	.2
41A13				2.089	.500	.2
41A14				2.247	.500	.3
41A15				2.405	.500	.3
41A16				2.563	.500	.4
41A17				2.721	.625	.4
41A18				2.879	.625	.5
41A19				3.038	.625	.5
41A20				3.196	.625	.6
41A21		1	30.00	3.355	.625	.6
41A22		2 - 4	21.00	3.513	.625	.7
		5 - 9	18.00			
		10 - 24	16.50			
41A23				3.672	.625	.7
41A24				3.831	.625	.8
41A25				3.989	.625	.8
41A26				4.148	.625	.9
41A27				4.307	.625	1.0
41A28				4.466	.625	1.0
41A30				4.783	.625	1.1
41A32				5.101	.625	1.3
41A35				5.578	.625	1.6
41A36				5.737	.625	1.7
41A40				6.373	.750	2.1
41A42				6.691	.750	2.3
41A45				7.168	.750	2.6
41A48				7.645	.750	2.9
41A54				8.599	.750	3.7
41A60				9.554	.750	4.6
41A70				11.145	1.000	6.4
41A72		1	40.00	11.463	1.000	6.7
		2 - 4	28.00			
41A80		5 - 9	24.00	12.736	1.000	7.9
41A84		10 - 24	22.00	13.372	1.000	8.5
41A96				15.282	1.000	11
41A112				17.828	1.000	15
41A120				19.101	1.000	17

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical parts plus \$2.40 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.20 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.40 per tooth to the list price.



1/2" PITCH (.312 ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 40 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price			Alternation Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	List Price Hardened	Quantity Identical Items	ReBore Each	Pitch Diameter	Stock Bore	Approx. Weight
40A 9					1.462	.500	.1
40A10					1.618	.500	.2
40A11					1.775	.500	.2
40A12					1.932	.500	.3
40A13					2.089	.500	.3
40A14(H)					2.247	.500	.4
40A15(H)					2.405	.500	.4
40A16(H)					2.563	.500	.4
40A17(H)					2.721	.625	.5
40A18(H)					2.879	.625	.5
40A19(H)					3.038	.625	.6
40A20(H)					3.196	.625	.6
40A21(H)			1	30.00	3.355	.625	.7
40A22(H)			2 - 4	21.00	3.513	.625	.7
40A23(H)			5 - 9	18.00	3.672	.625	.9
			10 - 24	16.50			
40A24(H)					3.831	.625	.9
40A25(H)					3.989	.625	1.0
40A26(H)					4.148	.625	1.1
40A27(H)					4.307	.625	1.1
40A28(H)					4.466	.625	1.2
40A30(H)					4.783	.625	1.4
40A32					5.101	.625	1.6
40A34					5.419	.625	1.9
40A35					5.578	.625	2.0
40A36					5.737	.625	2.1
40A38					6.055	.625	2.3
40A40					6.373	.750	2.5
40A42					6.691	.750	2.8
40A45					7.168	.750	3.2
40A48					7.645	.750	3.7
40A50					7.963	.750	4.0
40A52					8.281	.750	4.3
40A54					8.599	.750	4.6
40A60					9.554	.750	5.8
40A70			1	40.00	11.145	1.000	8.2
40A72			2 - 4	28.00	11.463	1.000	8.4
40A80			5 - 9	24.00	12.736	1.000	10
40A84			10 - 24	22.00	13.372	1.000	11
40A96					15.282	1.000	14
40A112					17.828	1.000	20
40A120					19.101	1.000	23

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical parts plus \$2.50 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.20 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.40 per tooth to the list price for sizes not listed as Hardened.



5/8" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 50 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price			Alternation Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	List Price Hardened	Quantity Identical Items	ReBore Each	Pitch Diameter	Stock Bore	Approx. Weight
50A 9					1.827	.625	.2
50A10					2.023	.625	.3
50A11					2.219	.625	.4
50A12(H)					2.415	.625	.5
50A13(H)					2.612	.625	.6
50A14(H)					2.809	.625	.6
50A15(H)					3.006	.625	.7
50A16(H)					3.204	.625	.8
50A17(H)					3.401	.625	.8
50A18(H)					3.599	.625	.9
50A19(H)					3.797	.625	1.1
50A20(H)					3.995	.625	1.2
50A21(H)					4.193	.750	1.3
50A22(H)					4.392	.750	1.5
50A23(H)			1	30.00	4.590	.750	1.6
50A24(H)			2 - 4	21.00	4.788	.750	1.8
50A25(H)			5 - 9	18.00	4.987	.750	1.9
50A26(H)			10 - 24	16.50	5.185	.750	2.0
50A27(H)					5.384	.750	2.1
50A28(H)					5.582	.750	2.3
50A30(H)					5.979	.750	2.7
50A32					6.376	.750	3.1
50A34					6.774	.750	3.3
50A35					6.972	.750	3.7
50A36					7.171	.750	3.9
50A38					7.568	.750	4.4
50A40					7.966	.750	4.9
50A42					8.363	.750	5.4
50A45					8.960	1.000	6.2
50A48					9.556	1.000	7.0
50A50					9.954	1.000	7.6
50A52					10.351	1.000	8.2
50A54			1	40.00	10.749	1.000	8.8
50A60			2 - 4	28.00	11.942	1.000	10
50A70			5 - 9	24.00	13.931	1.000	14
50A72			10 - 24	22.00	14.329	1.000	15
50A80					15.920	1.000	19
50A84			1	50.00	16.715	1.000	21
50A96			2 - 4	35.00	19.102	1.250	27
50A112			5 - 9	30.00	22.285	1.250	37
50A120			10 - 24	28.00	23.876	1.250	44

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical parts plus \$2.50 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.25 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.45 per tooth to the list price for sizes not listed as Hardened.



3/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 60 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price			Alternation Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	List Price Hardened	Quantity Identical Items	ReBore Each	Pitch Diameter	Stock Bore	Approx. Weight
60A 9					2.193	.750	.4
60A10					2.427	.750	.5
60A11(H)					2.662	.750	.6
60A12(H)					2.898	.750	.8
60A13(H)					3.134	.750	1.0
60A14(H)					3.371	.750	1.2
60A15(H)					3.607	.750	1.3
60A16(H)					3.844	.750	1.5
60A17(H)					4.082	.750	1.7
60A18(H)			1	30.00	4.319	.750	1.8
60A19(H)			2 - 4	21.00	4.557	.750	2.0
60A20(H)			5 - 9	18.00	4.794	.750	2.2
60A21(H)			10 - 24	16.50	5.032	.750	2.5
60A22(H)					5.270	1.000	2.8
60A23(H)					5.508	1.000	3.1
60A24(H)					5.746	1.000	3.3
60A25(H)					5.984	1.000	3.6
60A26(H)					6.222	1.000	3.9
60A27(H)					6.460	1.000	4.2
60A28(H)					6.699	1.000	4.6
60A30(H)					7.175	1.000	5.3
60A32					7.652	1.000	5.9
60A34					8.128	1.000	6.8
60A35					8.367	1.000	7.2
60A36					8.605	1.000	7.6
60A38					9.082	1.000	8.5
60A40					9.559	1.000	9.4
60A42					10.036	1.000	10
60A45			1	40.00	10.752	1.000	11
60A48			2 - 4	28.00	11.467	1.000	13
			5 - 9	24.00			
60A50			10 - 24	22.00	11.944	1.000	14
60A52					12.422	1.000	16
60A54					12.899	1.250	17
60A60					14.330	1.250	20
60A70					16.717	1.250	28
60A72					17.194	1.250	29
60A80			1	60.00	19.103	1.250	37
60A84			2 - 4	42.00	20.058	1.250	41
			5 - 9	36.00			
60A96			10 - 24	33.00	22.922	1.250	53
60A112					26.742	1.250	73
60A120					28.651	1.250	77

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical parts plus \$3.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part).

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.35 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.70 per tooth to the list price for sizes not listed as Hardened



1" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 80 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price			Alternation Charges - List Price Each		Dimensions - weights		
Catalog No.	List Price	List Price Hardened	Quantity Identical Items	ReBore Each	Pitch Diameter	Stock Bore	Approx. Weight
80A 9(H)					2.924	1.000	1.0
80A10(H)					3.236	1.000	1.2
80A11(H)					3.549	1.000	1.5
80A12(H)					3.864	1.000	1.9
80A13(H)			1	30.00	4.179	1.000	2.2
80A14(H)			2 - 4	21.00	4.494	1.000	2.6
80A15(H)			5 - 9	18.00	4.810	1.000	3.0
80A16(H)			10 - 24	16.50	5.128	1.000	3.3
80A17(H)					5.442	1.000	3.7
80A18(H)					5.759	1.000	4.2
80A19(H)					6.076	1.000	4.7
80A20(H)					6.392	1.000	5.1
80A21(H)					6.710	1.000	5.7
80A22(H)					7.027	1.000	6.2
80A23(H)			1	40.00	7.344	1.000	6.8
80A24(H)			2 - 4	28.00	7.661	1.000	7.4
80A25(H)			5 - 9	24.00	7.979	1.000	8.0
80A26(H)			10 - 24	22.00	8.296	1.250	8.7
80A27(H)					8.614	1.250	9.4
80A28(H)					8.931	1.250	10
80A30(H)					9.567	1.250	11
80A32					10.202	1.250	13
80A34					10.838	1.250	15
80A35					11.156	1.250	16
80A36					11.474	1.250	17
80A38					12.110	1.250	18
80A40			1	60.00	12.745	1.250	20
80A42			2 - 4	42.00	13.381	1.250	22
80A45			5 - 9	36.00	14.336	1.250	26
80A48					15.290	1.250	29
80A50					15.926	1.250	31
80A52					16.562	1.250	34
80A54					17.198	1.250	37
80A60					19.107	1.437	46
80A70					22.289	1.437	63
80A72					22.926	1.437	68
80A80			1	100.00	25.471	1.437	84
80A84			2 - 4	70.00	26.744	1.437	94
80A96			5 - 9	60.00	30.563	1.687	120
80A112					35.655	1.687	162
80A120					38.202	1.687	184

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$30.00 divided by the number of identical parts plus \$4.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$.60 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$.90 per tooth to list the list price for sizes not listed as Hardened.



1 1/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 100 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price			Alternation Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	List Price Hardened	Quantity Identical Items	ReBore Each	Pitch Diameter	Stock Bore	Approx. Weight
100A 9(H)					3.655	1.000	2.4
100A10(H)					4.045	1.000	2.9
100A11(H)					4.437	1.000	3.4
100A12(H)					4.830	1.250	3.6
100A13(H)					5.223	1.250	3.7
100A14(H)			1	40.00 -	5.617	1.250	4.9
100A15(H)			2 - 4	28.00	6.012	1.250	5.6
100A16(H)			5 - 9	24.00	6.407	1.250	6.4
100A17(H)			10 - 24	22.00	6.803	1.250	7.1
100A18(H)					7.198	1.250	7.9
100A19(H)					7.594	1.250	8.9
100A20(H)					7.991	1.250	9.9
100A21(H)					8.387	1.250	11
100A22(H)					8.783	1.250	12
100A23(H)					9.180	1.250	13
100A24(H)					9.577	1.250	14
100A25(H)					9.973	1.250	15
100A26(H)					10.370	1.250	16
100A27(H)			1	50.00	10.767	1.250	18
			2 - 4	35.00			
100A28(H)			5 - 9	30.00	11.164	1.250	19
100A30(H)					11.958	1.250	22
100A32					12.753	1.250	25
100A34					13.547	1.250	28
100A35					13.945	1.250	29
100A36					14.342	1.437	31
100A38					15.137	1.437	35
100A40			1	70.00	15.932	1.437	39
100A42			2 - 4	49.00	16.727	1.437	43
			5 - 9	42.00			
100A45					17.919	1.437	49
100A48					19.112	1.437	56
100A50					19.907	1.437	61
100A52					20.703	1.437	66
100A54					21.498	1.437	71
100A60					23.884	1.437	87
100A70					27.862	1.687	118
100A72			1	120.00	28.657	1.687	123
			2 - 4	84.00			
			5 - 9	72.00			
100A80					31.839	1.687	157
100A84					33.430	1.687	169
100A96					38.204	1.687	221
100A112					44.569	2.187	297
100A120					47.752	2.187	340

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$30.00 divided by the number of identical parts plus \$5.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$.80 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$1.20 per tooth to the list price for the sizes not listed as Hardened.



1 1/2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 120 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	List Price Hardened	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
120A 9(H)					4.386	1.250	3.2
120A10(H)					4.854	1.250	4.5
120A11(H)					5.324	1.437	5.8
120A12(H)					5.796	1.437	6.9
120A13(H)			1	40.00	6.266	1.437	8.1
120A14(H)			2 - 4	28.00	6.741	1.437	9.3
120A15(H)			5 - 9	24.00	7.215	1.437	10
120A16(H)					7.689	1.437	12
120A17(H)					8.163	1.437	13
120A18(H)					8.638	1.437	15
120A19(H)					9.113	1.437	17
120A20(H)					9.589	1.437	18
120A21(H)					10.064	1.437	20
120A22(H)					10.540	1.437	22
120A23(H)					11.016	1.437	25
120A24(H)					11.492	1.437	27
120A25(H)			1	60.00	11.968	1.687	29
120A26(H)			2 - 4	42.00	12.444	1.687	32
120A27(H)			5 - 9	36.00	12.921	1.687	35
120A28(H)					13.397	1.687	38
120A30(H)					14.350	1.687	42
120A32					15.303	1.687	48
120A34					16.257	1.687	54
120A35					16.734	1.687	57
120A36					17.211	1.687	60
120A38					18.164	1.687	66
120A40					19.118	1.687	75
120A42					20.072	1.687	83
120A45			1	120.00	21.503	1.687	95
120A48			2 - 4	84.00	22.935	1.687	114
120A50			5 - 9	72.00	23.889	1.687	122
120A52					24.843	1.687	131
120A54					25.796	1.687	139
120A60					28.661	2.187	165
120A70					33.434	2.187	219
120A72					34.386	2.187	232
120A80			1	200.00	38.207	2.187	287
120A84			2 - 4	140.00	40.116	2.187	316
120A96			5 - 9	120.00	45.845	2.187	413
120A112					53.483	2.187	562
120A120					57.302	2.187	646

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$30.00 divided by the number of identical parts plus \$6.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$1.10 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$1.80 per tooth to the list price for sizes not listed as hardened.



1 3/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 140 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	List Price Hardened	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
140A 9(H)					5.117	1.437	5.3
140A10(H)					5.663	1.437	6.3
140A11(H)					6.212	1.437	7.5
140A12(H)			1	40.00	6.762	1.437	9.6
			2 - 4	28.00			
			5 - 9	24.00			
140A13(H)					7.313	1.437	11
140A14(H)					7.864	1.437	12
140A15(H)					8.417	1.437	14
140A16(H)					8.970	1.437	16
140A17(H)					9.524	1.437	18
140A18(H)					10.078	1.437	20
140A19(H)					10.632	1.437	23
140A20(H)					11.187	1.437	25
140A21(H)					11.742	1.437	28
140A22(H)			1	60.00	12.297	1.437	31
140A23(H)			2 - 4	42.00	12.852	1.687	34
140A24(H)			5 - 9	36.00	13.407	1.687	37
140A25(H)					13.963	1.687	40
140A26(H)					14.518	1.687	43
140A27					15.074	1.687	47
140A28					15.630	1.687	51
140A30					16.742	1.687	57
140A32					17.854	1.687	65
140A34					18.966	1.687	74
140A35					19.523	1.687	78
140A36			1	120.00	20.079	2.187	82
			2 - 4	84.00			
			5 - 9	72.00			
140A38					21.192	2.187	92
140A40					22.305	2.187	102
140A42					23.418	2.187	113
140A45					25.087	2.187	129
140A48					26.757	2.187	148
140A54					30.097	2.187	196
140A60					33.438	2.187	240
140A70			1	200.00	39.006	2.187	299
			2 - 4	140.00			
			5 - 9	120.00			
140A72					40.120	2.187	316
140A80					44.575	2.187	388
140A84					46.803	2.187	431
140A96					53.485	2.187	562

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$30.00 divided by the number of identical parts plus \$7.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$1.30 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$1.80 per tooth to the list price for sizes not listed as hardened.



2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 160 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	List Price Hardened	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
160A 9(H)					5.848	1.437	8.4
160A10(H)					6.472	1.437	10
160A11(H)					7.099	1.687	12
160A12(H)			1	60.00	7.727	1.687	15
			2 - 4	42.00			
			5 - 9	36.00			
160A13(H)					8.357	1.687	18
160A14(H)					8.988	1.687	21
160A15(H)					9.620	1.687	23
160A16(H)					10.252	1.687	27
160A17(H)					10.885	1.687	30
160A18(H)					11.518	1.687	34
160A19(H)					12.151	1.687	38
160A20(H)					12.785	1.687	42
160A21(H)			1	80.00	13.419	1.687	46
			2 - 4	56.00	14.053	2.187	51
			5 - 9	48.00	14.688	2.187	56
160A24(H)					15.323	2.187	61
160A25(H)					15.958	2.187	65
160A26(H)					16.593	2.187	70
160A27					17.228	2.187	76
160A28					17.863	2.187	81
160A30					19.134	2.187	94
160A32			1	140.00	20.405	2.187	106
			2 - 4	98.00			
			5 - 9	84.00			
160A34					21.676	2.187	117
160A35					22.312	2.187	123
160A36					22.947	2.187	133
160A38					24.219	2.187	151
160A40			1	200.00	25.491	2.187	168
			2 - 4	140.00			
			5 - 9	120.00			
160A42					26.763	2.187	184
160A45					28.671	2.187	206
160A48					30.580	2.187	234
160A54					34.397	2.187	304
160A60					38.215	2.187	380
160A70					44.578	2.187	498
160A72			1	300.00	45.851	2.187	529
			2 - 4	210.00			
			5 - 9	180.00			
160A80					50.943	2.187	654
160A84					53.489	2.187	719
160A96					61.126	2.187	939

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$40.00 divided by the number of identical parts plus \$8.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$30.00 divided by the number of identical parts plus \$2.40 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical parts plus \$2.50 per tooth to the list price. For sizes not listed as hardened.



2 1/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 180 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
180A 9				6.579	1.687	11
180A10				7.281	1.687	14
180A11		1	80.00	7.986	1.687	17
180A12		2 - 4	56.00	8.693	1.687	21
180A13		5 - 9	48.00	9.402	1.687	24
180A14				10.112	1.687	28
180A15				10.822	1.687	33
180A16				11.533	1.687	37
180A17		1	100.00	12.245	2.187	41
180A18		2 - 4	70.00	12.957	2.187	47
180A19		5 - 9	60.00	13.670	2.187	51
180A20				14.383	2.187	57
180A21				15.096	2.187	63
180A22				15.810	2.187	69
180A23				16.524	2.187	75
180A24				17.238	2.187	82
180A25		1	160.00	17.952	2.187	89
180A26		2 - 4	112.00	18.666	2.187	95
180A27		5 - 9	96.00	19.381	2.187	104
180A28				20.096	2.187	111
180A30				21.525	2.187	127
180A32				22.955	2.187	145
180A35		1	200.00	25.101	2.187	174
180A36		2 - 4	140.00	25.816	2.187	184
180A40		5 - 9	120.00	28.677	2.187	225
180A42				30.108	2.187	250
180A45				32.255	2.187	286
180A48				34.402	2.187	325
180A54				38.696	2.187	410
180A60		1	300.00	42.991	2.187	508
180A70		2 - 4	210.00	50.151	2.187	691
180A72		5 - 9	180.00	51.583	2.187	733
180A80				57.310	2.187	905
180A84				60.175	2.187	998

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$40.00 divided by the number of identical parts plus \$9.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$30.00 divided by the number of identical parts plus \$3.30 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical parts plus \$3.00 per tooth to the list price.



2 1/2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 200 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
200A 9		1	90.00	7.310	1.687	16
200A10		2 - 4	63.00	8.090	1.687	19
200A11		5 - 9	54.00	8.872	1.687	23
200A12				9.660	2.187	27
200A13				10.447	2.187	32
200A14		1	120.00	11.235	2.187	39
200A15		2 - 4	84.00	12.025	2.187	44
200A16		5 - 9	72.00	12.815	2.187	50
200A17				13.605	2.187	55
200A18				14.397	2.187	62
200A19		1	160.00	15.190	2.187	70
200A20		2 - 4	112.00	15.982	2.187	78
200A21		5 - 9	96.00	16.775	2.187	85
200A22				17.567	2.187	95
200A23				18.360	2.187	103
200A24		1	200.00	19.152	2.187	112
200A25		2 - 4	140.00	19.947	2.187	121
200A26		5 - 9	120.00	20.740	2.187	133
200A27				21.535	2.187	143
200A28				22.330	2.187	151
200A30		1	300.00	23.917	2.187	176
200A32		2 - 4	210.00	25.505	2.187	200
200A35		5 - 9	180.00	27.890	2.187	240
200A36				28.685	2.187	251
200A40				31.865	2.187	315
200A42				33.455	2.187	348
200A45				35.840	2.187	394
200A48				38.225	2.187	448
200A54				42.995	2.187	566
200A60		1	400.00	47.767	2.187	698
200A70		2 - 4	280.00	55.722	2.187	952
200A72		5 - 9	240.00	57.315	2.187	1008

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$40.00 divided by the number of identical parts plus \$10.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$30.00 divided by the number of identical parts plus \$3.90 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical parts plus \$3.30 per tooth to the list price.



3" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 240 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
240A 9		1	120.00	8.771	2.187	30
240A10		2 - 4	84.00	9.708	2.187	37
240A11		5 - 9	72.00	10.649	2.187	44
240A12				11.591	2.187	52
240A13		1	160.00	12.536	2.187	61
240A14		2 - 4	112.00	13.482	2.187	71
240A15		5 - 9	96.00	14.429	2.187	83
240A16				15.377	2.187	93
240A17		1	200.00	16.327	2.187	105
240A18		2 - 4	140.00	17.276	2.187	117
240A19		5 - 9	120.00	18.227	2.187	131
240A20				19.177	2.187	144
240A21				20.129	2.187	159
240A22		1	300.00	21.080	2.187	175
240A23		2 - 4	210.00	22.032	2.187	190
240A24		5 - 9	180.00	22.984	2.187	208
240A25				23.936	2.187	226
240A26				24.889	2.187	243
240A27				25.841	2.187	264
240A28		1	400.00	26.794	2.187	281
240A30		2 - 4	280.00	28.700	2.187	325
240A32		5 - 9	240.00	30.607	2.187	368
240A35				33.467	2.187	440
240A36				34.421	2.187	467
240A40		1	500.00	38.237	2.187	575
240A42		2 - 4	350.00	40.145	2.187	640
240A45		5 - 9	300.00	43.007	2.187	726
240A48				45.869	2.187	826
240A54				51.595	2.187	1041
240A60				57.322	2.187	1293

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$40.00 divided by the number of identical parts plus \$12.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$30.00 divided by the number of identical parts plus \$5.30 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical parts plus \$5.40 per tooth to the list price.



**SPLITTING CHARGES - ROLLER CHAIN SPROCKETS**

**Pricing Schedule For Charges To Be Added To Standard Type A Sprocket Price**

Split hubs are round and fully machined. They do not have dangerous projecting bolts or ears. They are drilled and tapped for high strength socket head cap screws and are welded to each side of a Type A sprocket, forming a sprocket similar in appearance to our standard Type C sprocket. Hub size selected should be proportionate to the pitch and diameter of the sprocket as well as adequate for the bore required. Very large or heavy pitch sprockets may be tack welded near the rim after installing on the shaft for extra strength if desired, or we can install steel straps at an additional charge.

**Compute Split Sprocket Price As Follows:**

Plate Sprocket + Hub + Splitting Charge (listed at bottom of chart) + Required Alterations (from Type C sprockets)\*

Size and List Price			Dimensions - Weights															Apx. Wt.
Hub No.	Max. Bore*	List Price	Hub Dia.	Hub Length	MINIMUM SIZE SPROCKET WITH WHICH HUB CAN BE USED													
					35	41	40	50	60	80	100	120	140	160	180	200	240	
S350	1.562		3.50	2.62	37	28	28	24	20	16	14	12	11					5
S400	2.062		4.00	2.62	42	32	32	26	22	17	15	13	12	11				7
S425	2.250		4.25	2.62	44	33	33	28	24	19	16	14	12	11				10
S450	2.437		4.50	2.62	46	35	35	29	25	19	17	14	13	12	11			11
S500	2.625		5.00	2.87		38	38	31	27	21	18	15	14	12	12			15
S550	2.625		5.50	3.25				34	29	22	19	16	15	13	12	11	10	20
S600	3.250		6.00	3.25				36	31	24	20	17	16	14	13	12	11	24
S650	3.250		6.50	3.75					33	26	21	18	16	15	14	13	11	30
S700	3.625		7.00	4.25					35	27	23	19	17	16	14	13	12	40
S800	4.250		8.00	4.75						30	25	21	19	17	16	15	13	62
S900	5.125		9.00	5.25							27	24	21	19	17	16	14	90
S1000	6.000		10.00	5.25								26	23	21	19	17	15	110
<b>Splitting Charge Per Tooth - List</b>						.45	.54	.54	.60	.90	1.20	1.80	2.40	3.00	4.20	5.40	6.00	9.60

List Price is total price for 2 hubs installed on Type A sprocket to make Type C.

Add hub length dimension to thickness of Type A sprocket to get total length through bore.

If standard sizes do not meet requirements, please inquire. Special sprockets can be made to accommodate larger bores if required. Add listed weight to weight of Type A sprocket to get weight of assembled sprocket.

\*Bores larger than those listed on this page require additional charges.

Sprockets smaller than those listed, multiple strand sprockets or for chains other than those listed can be made-to-order.



1/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 25 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	List Price Hard	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Appr. Wt.
25B 9(H)							.731	.59R	.62	.250	.250	.03
25B10(H)							.809	.67R	.62	.250	.312	.03
25B11(H)							.887	.75R	.62	.250	.375	.04
25B12(H)							.966	.82R	.62	.250	.437	.06
25B13(H)							1.045	.90R	.62	.250	.500	.07
25B14(H)							1.124	.84	.62	.250	.500	.08
25B15(H)							1.203	.92	.62	.250	.562	.1
25B16(H)							1.282	1.01	.62	.250	.625	.1
25B17(H)			1	20.00	8.00	8.00						
25B18(H)			2 - 4	14.00	5.60	5.60	1.361	1.09	.62	.250	.750	.1
25B19(H)			5 - 9	12.00	4.80	4.80	1.440	1.17	.62	.250	.750	.2
25B20(H)			10 - 24	11.00	4.40	4.40	1.519	1.25	.62	.250	.875	.2
25B21(H)							1.598	1.32	.62	.250	.875	.2
25B22(H)							1.678	1.40	.62	.250	1.000	.3
25B23(H)							1.757	1.48	.62	.250	1.000	.3
25B24(H)							1.836	1.56	.62	.250	1.062	.3
25B25(H)							1.915	1.62	.62	.375	1.125	.3
25B26(H)							1.995	1.62	.62	.375	1.125	.3
25B28							2.074	1.62	.62	.375	1.125	.3
25B30							2.233	1.62	.62	.375	1.125	.4
25B32							2.392	1.75	.62	.375	1.250	.4
25B35							2.551	1.75	.62	.375	1.250	.4
25B36							2.789	1.75	.75	.375	1.250	.5
25B40							2.869	1.75	.75	.375	1.250	.5
25B45							3.187	2.00	.83	.500	1.375	.7
25B48							3.584	2.00	.83	.500	1.375	.9
25B54							3.823	2.00	.83	.500	1.375	.9
25B60							4.300	2.00	.83	.500	1.375	1.0
25B70			1	25.00	10.00	10.00	4.777	2.00	.83	.500	1.375	1.4
25B72			2 - 4	17.50	7.00	7.00	5.572	2.00	.83	.500	1.375	1.4
25B80			5 - 9	15.00	6.00	6.00	5.732	2.00	.83	.500	1.375	1.4
25B84			10 - 24	13.80	5.50	5.50	6.368	2.00	.83	.500	1.375	1.5
25B96							6.686	2.00	.83	.500	1.375	1.5
25B112							7.641	2.00	.83	.500	1.375	1.9
25B120							8.914	2.50	.87	.500	1.750	4.2
							9.550	2.50	.87	.500	1.750	4.7

Hub diameters marked "R" are recessed for chain clearance.

Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 26 teeth add preparation charge of \$10.00 divided by the number of identical items plus \$.25 per tooth to the list price.



3/8" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 35 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	List Price Hard	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appr. Wt.
35B 8(H)							.980	.75R	.75	.375	.375	.1
35B 9(H)							1.096	.87R	.75	.375	.375	.2
35B10(H)							1.214	1.00R	.75	.375	.500	.2
35B11(H)							1.331	1.10R	.75	.375	.625	.2
35B12(H)							1.449	1.23R	.75	.500	.750	.3
35B13(H)							1.567	1.34R	.75	.500	.875	.3
35B14(H)							1.685	1.25	.75	.500	.875	.3
35B15(H)							1.804	1.37	.75	.500	.875	.4
35B16(H)			1	20.00	8.00	8.00	1.922	1.50	.75	.500	1.000	.4
35B17(H)			2 - 4	14.00	5.60	5.60	2.041	1.62	.75	.500	1.125	.5
35B18(H)			5 - 9	12.00	4.80	4.80	2.159	1.73	.75	.500	1.187	.5
35B19(H)			10 - 24	11.00	4.40	4.40	2.278	1.85	.75	.500	1.312	.7
35B20(H)							2.397	1.98	.87	.500	1.375	.8
35B21(H)							2.516	2.09	.87	.500	1.375	.9
35B22(H)							2.635	2.21	.87	.500	1.500	1.0
35B23(H)							2.754	2.00	.87	.500	1.375	1.2
35B24(H)							2.873	2.00	.87	.500	1.375	1.3
35B25(H)							2.992	2.00	.87	.500	1.375	.8
35B26(H)							3.111	2.00	.87	.500	1.375	.9
35B27							3.230	2.00	.87	.500	1.375	.9
35B28							3.349	2.00	.87	.500	1.375	.9
35B30							3.588	2.00	.87	.500	1.375	1.0
35B32							3.826	2.00	.87	.500	1.375	1.0
35B35							4.183	2.00	.87	.500	1.375	1.2
35B36							4.303	2.00	.87	.500	1.375	1.2
35B40							4.780	2.50	1.00	.500	1.750	1.9
35B42							5.018	2.50	1.00	.500	1.750	2.0
35B45			1	25.00	10.00	10.00	5.376	2.50	1.00	.500	1.750	2.1
35B48			2 - 4	17.50	7.00	7.00	5.734	2.50	1.00	.500	1.750	2.2
35B54			5 - 9	15.00	6.00	6.00	6.449	2.50	1.00	.625	1.750	2.5
35B60			10 - 24	13.80	5.50	5.50	7.165	2.50	1.00	.625	1.750	2.9
35B70							8.358	2.50	1.00	.625	1.750	3.6
35B72							8.597	2.50	1.00	.625	1.750	3.7
35B80							9.552	2.75	1.00	.750	1.750	4.7
35B84							10.029	2.75	1.00	.750	1.750	5.0
35B96							11.461	2.75	1.00	.750	1.750	5.9
35B112							13.371	2.75	1.00	.750	1.750	6.6
35B120							14.326	2.75	1.00	.750	1.750	7.5

Hub diameters marked "R" are recessed for chain clearance.

\* Stock bores of sprockets with 25 teeth or more are nominal and must be re-bored even though the bore desired is the same as listed stock bore. Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 26 teeth add preparation charge of \$10.00 divided by the number of identical items plus \$.30 per tooth to the list price.



1/2" PITCH (.306 ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 41 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	List Price Hard	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appr. Wt.
41B 8(H)							1.306	.98R	.87	.500	.500	.1
41B 9(H)							1.462	1.14R	.87	.500	.625	.2
41B10(H)							1.618	1.29R	.87	.500	.812	.2
41B11(H)							1.775	1.45R	.87	.500	.875	.2
41B12(H)							1.932	1.60R	.87	.500	1.062	.3
41B13(H)							2.089	1.76R	.87	.500	1.187	.5
41B14(H)			1	20.00	8.00	8.00	2.247	1.75	.87	.500	1.250	.6
41B15(H)			2 - 4	14.00	5.60	5.60	2.405	1.92	.87	.500	1.312	.7
			5 - 9	12.00	4.80	4.80						
41B16(H)			10 - 24	11.00	4.40	4.40	2.563	2.07	.87	.500	1.375	.8
41B17(H)							2.721	2.23	.87	.625	1.500	.9
41B18(H)							2.879	2.40	.87	.625	1.687	1.0
41B19(H)							3.038	2.56	.87	.625	1.750	1.2
41B20(H)							3.196	2.71	1.00	.625	1.750	1.3
41B21(H)							3.355	2.50	1.06	.625	1.750	1.4
41B22(H)							3.513	2.50	1.06	.625	1.750	1.5
41B23							3.672	2.50	1.06	.625	1.750	1.7
41B24							3.831	2.50	1.06	.625	1.750	1.8
41B25							3.989	2.50	1.06	.625	1.750	1.8
41B26							4.148	2.50	1.06	.625	1.750	1.9
41B27							4.307	2.50	1.06	.625	1.750	2.1
41B28							4.466	2.75	1.06	.625	1.750	2.3
41B30			1	25.00	10.00	10.00	4.783	2.75	1.06	.625	1.750	2.4
41B32			2 - 4	17.50	7.00	7.00	5.101	2.75	1.06	.625	1.750	2.6
			5 - 9	15.00	6.00	6.00						
41B35			10 - 24	13.80	5.50	5.50	5.578	2.75	1.06	.625	1.750	2.9
41B36							5.737	2.75	1.06	.625	1.750	3.0
41B40							6.373	2.75	1.06	.750	1.750	3.4
41B42							6.691	2.75	1.06	.750	1.750	3.6
41B45							7.168	2.75	1.06	.750	1.750	3.9
41B48							7.645	2.75	1.06	.750	1.750	4.2
41B54							8.599	2.75	1.06	.750	1.750	5.0
41B60							9.554	2.75	1.06	.750	1.750	5.9
41B70							11.145	3.00	1.18	1.000	2.000	8.1
41B72							11.463	3.00	1.18	1.000	2.000	8.4
41B80			1	30.00	12.00	12.00	12.736	3.00	1.18	1.000	2.000	9.6
41B84			2 - 4	21.00	8.40	8.40	13.372	3.00	1.18	1.000	2.000	10
			5 - 9	18.00	7.20	7.20						
41B96			10 - 24	16.50	6.60	6.60	15.282	3.25	1.25	1.000	2.250	13
41B112							17.828	3.25	1.25	1.000	2.250	17
41B120							19.101	3.25	1.25	1.000	2.250	19

Hub diameters marked "R" are recessed for chain clearance.

\* Stock bores of sprockets with 23 teeth or more are nominal and must be re-bored even though the bore desired is the same as listed stock bore. Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 22 teeth add preparation charge of \$10.00 divided by the number of identical items plus \$.40 per tooth to the list price.



1/2" PITCH (.312 ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 40 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	List Price Hard	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appr. Wt.
40B 8(H)							1.306	.98R	.87	.500	.500	.1
40B 9(H)							1.462	1.14R	.87	.500	.625	.2
40B10(H)							1.618	1.29R	.87	.500	.812	.2
40B11(H)							1.775	1.45R	.87	.500	.875	.3
40B12(H)			1	20.00	8.00	8.00	1.932	1.60R	.87	.500	1.062	.4
40B13(H)			2 - 4	14.00	5.60	5.60	2.089	1.76R	.87	.500	1.187	.5
40B14(H)			5 - 9	12.00	4.80	4.80	2.247	1.68	.87	.500	1.250	.6
40B15(H)			10 - 24	11.00	4.40	4.40	2.405	1.85	.87	.500	1.312	.7
40B16(H)							2.563	2.01	.87	.500	1.375	.8
40B17(H)							2.721	2.17	.87	.625	1.500	.9
40B18(H)							2.879	2.34	.87	.625	1.687	1.0
40B19(H)							3.038	2.50	.87	.625	1.750	1.2
40B20(H)							3.196	2.65	1.00	.625	1.750	1.4
40B21(H)							3.355	2.81	1.00	.625	1.875	1.8
40B22(H)							3.513	2.98	1.00	.625	2.000	2.0
40B23(H)							3.672	2.50	1.12	.625	1.750	1.9
40B24(H)							3.831	2.50	1.12	.625	1.750	1.9
40B25(H)							3.989	2.50	1.12	.625	1.750	2.0
40B26(H)							4.148	2.50	1.12	.625	1.750	2.1
40B27(H)							4.307	2.50	1.12	.625	1.750	2.3
40B28(H)							4.466	2.75	1.12	.625	1.750	2.5
40B30(H)							4.783	2.75	1.12	.625	1.750	2.7
40B32							5.101	2.75	1.12	.625	1.750	2.9
40B34			1	25.00	10.00	10.00	5.419	2.75	1.12	.625	1.750	3.2
40B35			2 - 4	17.50	7.00	7.00	5.578	2.75	1.12	.625	1.750	3.3
40B36			5 - 9	15.00	6.00	6.00	5.737	2.75	1.12	.625	1.750	3.4
40B38			10 - 24	13.80	5.50	5.50	6.055	2.75	1.12	.625	1.750	3.6
40B40							6.373	2.75	1.12	.750	1.750	3.8
40B42							6.691	2.75	1.12	.750	1.750	4.1
40B45							7.168	2.75	1.12	.750	1.750	4.5
40B48							7.645	2.75	1.12	.750	1.750	5.0
40B50							7.963	2.75	1.12	.750	1.750	5.3
40B52							8.281	2.75	1.12	.750	1.750	5.6
40B54							8.599	2.75	1.12	.750	1.750	5.9
40B60							9.554	2.75	1.12	.750	1.750	7.1
40B70							11.145	3.00	1.25	1.000	2.000	9.9
40B72							11.463	3.00	1.25	1.000	2.000	10
40B80			1	30.00	12.00	12.00	12.736	3.00	1.25	1.000	2.000	11
40B84			2 - 4	21.00	8.40	8.40	13.372	3.00	1.25	1.000	2.000	13
			5 - 9	18.00	7.20	7.20						
40B96			10 - 24	16.50	6.60	6.60	15.282	3.25	1.31	1.000	2.250	16
40B112							17.828	3.25	1.31	1.000	2.250	22
40B120							19.101	3.25	1.31	1.000	2.250	25

Hub diameters marked "R" are recessed for chain clearance.

\* Stock bores of sprockets with 23 teeth or more are nominal and must be re-bored even though the bore desired is the same as listed stock bore. Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 30 teeth add preparation charge of \$10.00 divided by the number of identical items plus \$.40 per tooth to the list price.



5/8" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 50 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	List Price Hard	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appr. Wt.
50B 8(H)							1.633	1.20R	1.00	.625	.625	.2
50B 9(H)							1.827	1.40R	1.00	.625	.812	.3
50B10(H)							2.023	1.60R	1.00	.625	.937	.5
50B11(H)							2.219	1.81R	1.00	.625	1.187	.6
50B12(H)			1	20.00	8.00	8.00	2.415	2.00R	1.00	.625	1.250	.7
50B13(H)			2 - 4	14.00	5.60	5.60	2.612	1.93	1.00	.625	1.312	.8
50B14(H)			5 - 9	12.00	4.80	4.80	2.809	2.14	1.00	.625	1.375	1.0
50B15(H)			10 - 24	11.00	4.40	4.40	3.006	2.34	1.00	.625	1.562	1.2
50B16(H)							3.204	2.53	1.00	.625	1.750	1.4
50B17(H)							3.401	2.73	1.00	.625	1.750	1.7
50B18(H)							3.599	2.93	1.00	.625	1.937	2.0
50B19(H)							3.797	3.12	1.00	.625	2.125	2.2
50B20(H)							3.995	3.32	1.00	.625	2.250	2.4
50B21(H)							4.193	3.00	1.31	.750	2.000	3.0
50B22(H)							4.392	3.00	1.31	.750	2.000	3.2
50B23(H)							4.590	3.00	1.31	.750	2.000	3.3
50B24(H)							4.788	3.00	1.31	.750	2.000	3.5
50B25(H)							4.987	3.00	1.31	.750	2.000	3.6
50B26(H)							5.185	3.00	1.31	.750	2.000	3.7
50B27(H)							5.384	3.00	1.31	.750	2.000	3.9
50B28(H)							5.582	3.00	1.31	.750	2.000	4.0
50B30(H)			1	25.00	10.00	10.00	5.979	3.00	1.31	.750	2.000	4.4
50B32			2 - 4	17.50	7.00	7.00	6.376	3.00	1.31	.750	2.000	4.8
50B34			5 - 9	15.00	6.00	6.00	6.774	3.00	1.31	.750	2.000	5.2
50B35			10 - 24	13.80	5.50	5.50	6.972	3.00	1.31	.750	2.000	5.4
50B36							7.171	3.00	1.31	.750	2.000	5.6
50B38							7.568	3.00	1.31	.750	2.000	6.2
50B40							7.966	3.25	1.37	.750	2.250	6.6
50B42							8.363	3.25	1.37	.750	2.250	7.2
50B45							8.960	3.25	1.37	1.000	2.250	7.9
50B48							9.556	3.25	1.37	1.000	2.250	8.7
50B50							9.954	3.25	1.37	1.000	2.250	9.2
50B52							10.351	3.25	1.37	1.000	2.250	9.7
50B54							10.749	3.25	1.37	1.000	2.250	10
50B60							11.942	3.25	1.37	1.000	2.250	12
50B70							13.931	3.50	1.40	1.000	2.250	16
50B72			1	30.00	12.00	12.00	14.329	3.50	1.40	1.000	2.250	17
50B80			2 - 4	21.00	8.40	8.40	15.920	3.75	1.40	1.000	2.500	22
			5 - 9	18.00	7.20	7.20						
50B84			10 - 24	16.50	6.60	6.60	16.715	3.75	1.40	1.000	2.500	24
50B96							19.102	4.00	1.40	1.250	2.750	32
50B112							22.285	4.00	1.40	1.250	2.750	41
50B120							23.876	4.00	1.40	1.250	2.750	48

Hub diameters marked "R" are recessed for chain clearance.

\* Stock bores of sprockets with 21 teeth or more are nominal and must be re-bored even though the bore desired is the same as listed stock bore. Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 30 teeth add preparation charge of \$10.00 divided by the number of identical items plus \$.45 per tooth to the list price.



3/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 60 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	List Price Hard	Qty. Ident. Items	Re-Bore Each	Each K.W	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appr. Wt.
60B 8(H)							1.959	1.46R	1.25	.625	.750	.5
60B 9(H)							2.193	1.70R	1.25	.750	1.000	.6
60B10(H)							2.427	1.93R	1.25	.750	1.250	.7
60B11(H)							2.662	2.17R	1.25	.750	1.375	.9
60B12(H)			1	20.00	8.00	8.00	2.898	2.40R	1.25	.750	1.500	1.3
60B13(H)			2 - 4	14.00	5.60	5.60	3.134	2.31	1.25	.750	1.562	1.8
60B14(H)			5 - 9	12.00	4.80	4.80	3.371	2.56	1.25	.750	1.750	2.0
60B15(H)			10 - 24	11.00	4.40	4.40	3.607	2.79	1.25	.750	1.750	2.4
60B16(H)							3.844	3.03	1.25	.750	2.000	2.8
60B17(H)							4.082	3.28	1.25	.750	2.250	3.3
60B18(H)							4.319	3.53	1.25	.750	2.250	3.8
60B19(H)							4.557	3.76	1.25	.750	2.500	4.3
60B20(H)							4.794	3.25	1.46	.750	2.250	4.5
60B21(H)							5.032	3.25	1.46	.750	2.250	4.8
60B22(H)							5.270	3.50	1.50	1.000	2.250	5.6
60B23(H)							5.508	3.50	1.50	1.000	2.250	5.9
60B24(H)							5.746	3.50	1.50	1.000	2.250	6.1
60B25(H)							5.984	3.50	1.50	1.000	2.250	6.4
60B26(H)			1	25.00	10.00	10.00	6.222	3.50	1.50	1.000	2.250	6.7
60B27(H)			2 - 4	17.50	7.00	7.00	6.460	3.50	1.50	1.000	2.250	7.1
			5 - 9	15.00	6.00	6.00						
60B28(H)			10 - 24	13.80	5.50	5.50	6.699	3.50	1.50	1.000	2.250	7.4
60B30(H)							7.175	3.50	1.50	1.000	2.250	8.1
60B32							7.652	3.75	1.50	1.000	2.500	9.1
60B34							8.128	3.75	1.50	1.000	2.500	9.7
60B35							8.367	3.75	1.50	1.000	2.500	10
60B36							8.605	3.75	1.50	1.000	2.500	11
60B38							9.082	3.75	1.50	1.000	2.500	11
60B40							9.559	3.75	1.50	1.000	2.500	12
60B42							10.036	3.75	1.50	1.000	2.500	13
60B45							10.752	3.75	1.50	1.000	2.500	15
60B48							11.467	3.75	1.50	1.000	2.500	16
60B50			1	30.00	12.00	12.00	11.944	3.75	1.50	1.000	2.500	18
60B52			2 - 4	21.00	8.40	8.40	12.422	3.75	1.50	1.000	2.500	19
60B54			5 - 9	18.00	7.20	7.20	12.899	4.00	1.50	1.250	2.750	20
60B60			10 - 24	16.50	6.60	6.60	14.330	4.00	1.50	1.250	2.750	24
60B70							16.717	4.00	1.50	1.250	2.750	31
60B72							17.194	4.00	1.50	1.250	2.750	33
60B80			1	50.00	20.00	20.00	19.103	4.25	1.75	1.250	2.750	42
60B84			2 - 4	35.00	14.00	14.00	20.058	4.25	1.75	1.250	2.750	46
60B96			5 - 9	30.00	12.00	12.00	22.922	4.50	1.75	1.250	3.000	59
60B112							26.742	4.50	1.75	1.250	3.000	78
60B120							28.651	4.50	1.75	1.250	3.000	82

Hub diameters marked "R" are recessed for chain clearance.

\* Stock bores of sprockets with 20 teeth or more are nominal and must be re-bored even though the bore desired is the same as listed stock bore. Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 30 teeth add preparation charge of \$10.00 divided by the number of identical items plus \$.70 per tooth to the list price.



1" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 80 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	List Price Hard	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appr. Wt.
80B 8(H)							2.613	1.96R	1.50	1.000	1.125	1.4
80B 9(H)							2.924	2.28R	1.50	1.000	1.312	1.4
80B10(H)							3.236	2.59R	1.50	1.000	1.562	2.0
80B11(H)							3.549	2.90R	1.50	1.000	1.812	2.6
80B12(H)							3.864	2.78	1.50	1.000	1.812	3.0
80B13(H)							4.179	3.10	1.50	1.000	2.125	3.6
80B14(H)							4.494	3.43	1.50	1.000	2.250	4.4
80B15(H)							4.810	3.78	1.50	1.000	2.500	5.2
80B16(H)							5.126	4.09	1.50	1.000	2.750	6.2
80B17(H)							5.442	4.00	1.62	1.000	2.750	7.2
80B18(H)							5.759	4.00	1.62	1.000	2.750	7.7
80B19(H)							6.076	4.00	1.62	1.000	2.750	8.2
80B20(H)			1	30.00	12.00	12.00	6.392	4.00	1.62	1.000	2.750	8.6
80B21(H)			2 - 4	21.00	8.40	8.40	6.710	4.00	1.62	1.000	2.750	9.2
80B22(H)			5 - 9	18.00	7.20	7.20	7.027	4.00	1.62	1.000	2.750	9.7
80B23(H)			10 - 24	16.50	6.60	6.60	7.344	4.00	1.62	1.000	2.750	10
80B24(H)							7.661	4.00	1.62	1.000	2.750	11
80B25(H)							7.979	4.00	1.62	1.000	2.750	12
80B26(H)							8.296	4.25	1.87	1.250	2.750	13
80B27(H)							8.614	4.25	1.87	1.250	2.750	14
80B28(H)							8.931	4.25	1.87	1.250	2.750	15
80B30(H)							9.567	4.25	1.87	1.250	2.750	16
80B32							10.202	4.25	1.87	1.250	2.750	18
80B34							10.838	4.25	1.87	1.250	2.750	20
80B35							11.156	4.25	1.87	1.250	2.750	21
80B36							11.474	4.25	1.87	1.250	2.750	22
80B38							12.110	4.25	1.87	1.250	2.750	24
80B40							12.745	4.50	1.87	1.250	3.000	26
80B42							13.381	4.50	1.87	1.250	3.000	28
80B45			1	40.00	16.00	16.00	14.336	4.50	1.87	1.250	3.000	31
80B48			2 - 4	28.00	11.20	11.20	15.290	4.50	1.87	1.250	3.000	35
			5 - 9	24.00	9.60	9.60						
80B50			10 - 24	22.00	8.80	8.80	15.926	4.50	1.87	1.250	3.000	38
80B52							16.562	4.50	1.87	1.250	3.000	41
80B54							17.198	4.50	1.87	1.250	3.000	43
80B60							19.107	5.00	2.00	1.437	3.250	54
80B70			1	60.00	24.00	24.00	22.289	5.00	2.00	1.437	3.250	70
80B72			2 - 4	42.00	16.80	16.80	22.926	5.00	2.00	1.437	3.250	76
80B80			5 - 9	36.00	14.40	14.40	25.471	5.50	2.18	1.437	3.750	94
80B84							26.744	5.50	2.18	1.437	3.750	100

Style "C" recommended in larger sizes - see page 93.

Hub diameters marked "R" are recessed for chain clearance.

\* Stock bores of sprockets with 17 teeth or more are nominal and must be re-bored even though the bore desired is the same as listed stock bore. Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 30 teeth add preparation charge of \$20.00 divided by the number of identical items plus \$.90 per tooth to the list price.



1 1/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 100 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	List Price Hard	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appr. Wt.
100B 8(H)							3.266	2.48R	1.75	1.000	1.375	2.3
100B 9(H)							3.655	2.89R	1.75	1.000	1.625	3.0
100B10(H)							4.045	3.28R	1.75	1.000	1.750	4.0
100B11(H)							4.437	3.07	1.75	1.000	2.000	4.5
100B12(H)			1	30.00	12.00	12.00	4.830	3.48	1.75	1.250	2.250	5.5
100B13(H)			2 - 4	21.00	8.40	8.40	5.223	3.89	1.75	1.250	2.625	6.8
100B14(H)			5 - 9	18.00	7.20	7.20	5.617	4.29	1.75	1.250	2.750	8.2
100B15(H)			10 - 24	16.50	6.60	6.60	6.012	4.25	2.00	1.250	2.750	10
100B16(H)							6.407	4.25	2.00	1.250	2.750	11
100B17(H)							6.803	4.25	2.00	1.250	2.750	12
100B18(H)							7.198	4.25	2.00	1.250	2.750	13
100B19(H)							7.594	4.25	2.00	1.250	2.750	14
100B20(H)							7.991	4.25	2.00	1.250	2.750	15
100B21(H)							8.387	4.25	2.00	1.250	2.750	16
100B22(H)							8.783	4.50	2.00	1.250	3.000	17
100B23(H)							9.180	4.50	2.00	1.250	3.000	18
100B24(H)							9.577	4.50	2.00	1.250	3.000	19
100B25(H)							9.973	4.50	2.00	1.250	3.000	20
100B26(H)			1	40.00	16.00	16.00	10.370	4.50	2.00	1.250	3.000	22
100B27(H)			2 - 4	28.00	11.20	11.20	10.767	4.50	2.00	1.250	3.000	23
100B28(H)			5 - 9	24.00	9.60	9.60	11.164	4.50	2.00	1.250	3.000	24
100B30(H)			10 - 24	22.00	8.80	8.80	11.958	4.50	2.00	1.250	3.000	27
100B32							12.753	4.50	2.00	1.250	3.000	30
100B34							13.547	4.50	2.00	1.250	3.000	34
100B35							13.945	4.50	2.00	1.250	3.000	35
100B36							14.342	5.00	2.12	1.437	3.250	38
100B38							15.137	5.00	2.12	1.437	3.250	43
100B40			1	50.00	20.00	20.00	15.932	5.00	2.12	1.437	3.250	46
100B42			2 - 4	35.00	14.00	14.00	16.727	5.00	2.12	1.437	3.250	51
			5 - 9	30.00	12.00	12.00						
100B45							17.919	5.00	2.12	1.437	3.250	57
100B48							19.112	5.00	2.12	1.437	3.250	64
100B50							19.907	5.00	2.12	1.437	3.250	70
100B52							20.703	5.00	2.12	1.437	3.250	76
100B54			1	60.00	24.00	24.00	21.498	5.50	2.31	1.437	3.625	81
			2 - 4	42.00	16.80	16.80						
			5 - 9	36.00	14.40	14.40						
100B60							23.884	5.50	2.31	1.437	3.625	97
100B70							27.862	5.50	2.31	1.687	3.625	128
100B72							28.657	5.50	2.31	1.687	3.625	133

Style "C" recommended in larger sizes - see page 94.

Hub diameters marked "R" are recessed for chain clearance.

\* Stock bores of sprockets with 15 teeth or more are nominal and must be re-bored even though the bore desired is the same as listed stock bore. Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 30 teeth add preparation charge of \$20.00 divided by the number of identical items plus \$1.20 per tooth to the list price.



1 1/2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 120 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	List Price Hard	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appr. Wt.
120B 9(H)							4.386	3.50R	2.12	1.250	1.937	5.5
120B10(H)							4.854	3.96R	2.12	1.250	2.250	7.2
120B11(H)							5.324	3.70	2.12	1.437	2.437	8
120B12(H)							5.796	4.20	2.12	1.437	2.750	10
120B13(H)							6.268	4.67	2.12	1.437	3.000	12
120B14(H)							6.741	4.50	2.18	1.437	3.000	14
120B15(H)			1	40.00	16.00	16.00	7.215	4.50	2.18	1.437	3.000	16
120B16(H)			2 - 4	28.00	11.20	11.20	7.689	4.50	2.18	1.437	3.000	17
			5 - 9	24.00	9.60	9.60						
			10 - 24	22.00	8.80	8.80						
120B17(H)							8.163	5.00	2.31	1.437	3.250	21
120B18(H)							8.638	5.00	2.31	1.437	3.250	22
120B19(H)							9.113	5.00	2.31	1.437	3.250	24
120B20(H)							9.589	5.00	2.31	1.437	3.250	26
120B21(H)							10.064	5.00	2.31	1.437	3.250	28
120B22(H)							10.540	5.00	2.31	1.437	3.250	30
120B23(H)							11.016	5.00	2.31	1.437	3.250	32
120B24(H)							11.492	5.00	2.31	1.437	3.250	34
120B25(H)							11.968	5.50	2.50	1.687	3.625	39
120B26(H)							12.444	5.50	2.50	1.687	3.625	42
120B27(H)							12.921	5.50	2.50	1.687	3.625	45
120B28(H)			1	60.00	24.00	24.00	13.397	5.50	2.50	1.687	3.625	48
			2 - 4	42.00	16.80	16.80						
			5 - 9	36.00	14.40	14.40						
120B30(H)							14.350	5.50	2.50	1.687	3.625	52
120B32							15.303	5.50	2.50	1.687	3.625	58
120B34							16.257	5.50	2.50	1.687	3.625	64
120B35							16.734	5.50	2.50	1.687	3.625	67
120B36							17.211	6.00	2.50	1.687	4.000	72
120B38							18.164	6.00	2.50	1.687	4.000	80
120B40							19.118	6.00	2.50	1.687	4.000	87
120B42							20.072	6.00	2.50	1.687	4.000	96
120B45			1	100.00	40.00	40.00	21.503	6.00	2.50	1.687	4.000	107
			2 - 4	70.00	28.00	28.00						
			5 - 9	60.00	24.00	24.00						
120B48							22.935	6.00	2.50	1.687	4.000	126
120B50							23.889	6.00	2.50	1.687	4.000	135
120B52							24.843	6.00	2.50	1.687	4.000	143
120B54							25.798	6.00	2.50	1.687	4.000	151
120B60							28.661	6.50	2.75	2.187	4.500	180

Style "C" recommended in larger sizes - see page 95.

Hub diameters marked "R" are recessed for chain clearance.

\* Stock bores of sprockets with 14 teeth or more are nominal and must be re-bored even though the bore desired is the same as listed stock bore. Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 30 teeth add preparation charge of \$20.00 divided by the number of identical items plus \$1.60 per tooth to the list price for sizes not listed as hardened.



1 3/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 140 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	List Price Hard	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appr. Wt.
140B 9(H)							5.117	4.09R	2.25	1.437	2.250	7.8
140B10(H)							5.663	4.64R	2.25	1.437	2.750	10
140B11(H)							6.212	4.32	2.25	1.437	2.875	11
140B12(H)							6.762	4.89	2.25	1.437	3.250	14
140B13(H)							7.313	5.00	2.31	1.437	3.250	18
140B14(H)							7.864	5.50	2.50	1.437	3.625	22
140B15(H)			1	50.00	20.00	20.00	8.417	5.50	2.50	1.437	3.625	24
140B16(H)			2 - 4	35.00	14.00	14.00	8.970	5.50	2.50	1.437	3.625	26
			5 - 9	30.00	12.00	12.00						
140B17(H)							9.524	5.50	2.50	1.437	3.625	28
140B18(H)							10.078	5.50	2.50	1.437	3.625	30
140B19(H)							10.632	5.50	2.50	1.437	3.625	33
140B20(H)							11.187	5.50	2.50	1.437	3.625	35
140B21(H)							11.742	5.50	2.50	1.437	3.625	38
140B22(H)							12.297	5.50	2.50	1.437	3.625	41
140B23(H)							12.852	6.00	2.50	1.687	4.000	46
140B24(H)							13.407	6.00	2.50	1.687	4.000	49
140B25(H)							13.963	6.00	2.50	1.687	4.000	52
140B26(H)			1	60.00	24.00	24.00	14.518	6.00	2.50	1.687	4.000	55
			2 - 4	42.00	16.80	16.80						
			5 - 9	36.00	14.40	14.40						
140B27							15.074	6.00	2.50	1.687	4.000	59
140B28							15.630	6.00	2.50	1.687	4.000	63
140B30							16.742	6.00	2.50	1.687	4.000	69
140B32							17.854	6.00	2.50	1.687	4.000	77
140B34							18.966	6.00	2.50	1.687	4.000	86
140B35							19.523	6.00	2.50	1.687	4.000	90
140B36							20.079	6.50	2.75	2.187	4.500	97
140B38			1	120.00	48.00	48.00	21.192	6.50	2.75	2.187	4.500	107
			2 - 4	84.00	33.00	33.00						
			5 - 9	72.00	28.00	28.00						
140B40							22.305	6.50	2.75	2.187	4.500	117
140B42							23.418	6.50	2.75	2.187	4.500	128
140B45							25.087	6.50	2.75	2.187	4.500	144
140B48							26.757	6.50	2.75	2.187	4.500	163
140B54							30.097	6.50	2.75	2.187	4.500	211

Style "C" recommended in larger sizes - see page 96.

Hub diameters marked "R" are recessed for chain clearance.

\* Stock bores of sprockets with 13 teeth or more are nominal and must be re-bored even though the bore desired is the same as listed stock bore. Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 26 teeth add preparation charge of \$20.00 divided by the number of identical items plus \$1.80 per tooth to the list price for sizes not listed as hardened.



2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 160 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price			Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	List Price Hard	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appr. Wt.
160B 9(H)							5.848	4.70R	2.62	1.437	2.625	12
160B10(H)							6.472	5.32R	2.62	1.437	3.125	16
160B11(H)							7.099	4.95	2.62	1.687	3.250	18
160B12(H)							7.727	5.60	2.62	1.687	3.625	23
160B13(H)							8.357	5.50	2.75	1.687	3.625	28
160B14(H)			1	60.00	24.00	24.00	8.988	6.00	2.75	1.687	4.000	33
160B15(H)			2 - 4	42.00	16.80	16.80	9.620	6.00	2.75	1.687	4.000	36
160B16(H)			5 - 9	36.00	14.40	14.40	10.252	6.00	2.75	1.687	4.000	39
160B17(H)							10.885	6.00	2.75	1.687	4.000	43
160B18(H)							11.518	6.00	2.75	1.687	4.000	46
160B19(H)							12.151	6.00	2.75	1.687	4.000	50
160B20(H)							12.785	6.00	2.75	1.687	4.000	55
160B21(H)							13.419	6.00	2.75	1.687	4.000	59
160B22(H)							14.053	6.50	3.00	2.187	4.500	66
160B23(H)							14.688	6.50	3.00	2.187	4.500	71
160B24(H)							15.323	6.50	3.00	2.187	4.500	77
160B25(H)			1	80.00	32.00	32.00	15.958	6.50	3.00	2.187	4.500	81
			2 - 4	56.00	22.40	22.40						
160B26(H)			5 - 9	48.00	19.20	19.20	16.593	6.50	3.00	2.187	4.500	85
160B27							17.228	6.50	3.00	2.187	4.500	91
160B28							17.863	6.50	3.00	2.187	4.500	96
160B30							19.134	6.50	3.00	2.187	4.500	109
160B32							20.405	6.50	3.00	2.187	4.500	121
160B34							21.676	6.50	3.00	2.187	4.500	137
160B35							22.312	7.00	3.25	2.187	4.750	144
160B36			1	120.00	48.00	48.00	22.947	7.00	3.25	2.187	4.750	154
			2 - 4	84.00	33.00	33.00						
160B38			5 - 9	72.00	28.00	28.00	24.219	7.00	3.25	2.187	4.750	172
160B40							25.491	7.00	3.25	2.187	4.750	189
160B42							26.763	7.00	3.25	2.187	4.750	205
160B45							28.671	7.00	3.25	2.187	4.750	227
160B48							30.580	7.00	3.25	2.187	4.750	255

Style "C" recommended in larger sizes - see page 97.

Hub diameters marked "R" are recessed for chain clearance.

\* Stock bores of sprockets with 13 teeth or more are nominal and must be re-bored even though the bore desired is the same as listed stock bore. Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 26 teeth add preparation charge of \$30.00 divided by the number of identical items plus \$2.50 per tooth to the list price for sizes not listed as hardened.



2 1/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 180 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appr. Wt.
180B 9						6.579	5.15R	2.87	1.687	2.937	18
180B10						7.281	5.84R	2.87	1.687	3.500	23
180B11						7.986	5.57	2.87	1.687	3.625	27
180B12		1	70.00	28.00	28.00	8.693	5.50	2.87	1.687	3.625	31
		2 - 4	49.00	19.60	19.60						
		5 - 9	42.00	16.80	16.80						
180B13						9.402	6.00	2.87	1.687	4.000	36
180B14						10.112	6.00	2.87	1.687	4.000	40
180B15						10.822	6.00	2.87	1.687	4.000	45
180B16						11.533	6.00	2.87	1.687	4.000	49
180B17						12.245	6.50	3.12	2.187	4.500	56
180B18						12.957	6.50	3.12	2.187	4.500	62
180B19						13.670	6.50	3.12	2.187	4.500	66
180B20						14.383	6.50	3.12	2.187	4.500	72
180B21						15.096	6.50	3.12	2.187	4.500	78
180B22		1	100.00	40.00	40.00	15.810	7.00	3.37	2.187	4.750	90
180B23		2 - 4	70.00	28.00	28.00	16.524	7.00	3.37	2.187	4.750	96
180B24		5 - 9	60.00	24.00	24.00	17.238	7.00	3.37	2.187	4.750	103
180B25						17.952	7.00	3.37	2.187	4.750	110
180B26						18.666	7.00	3.37	2.187	4.750	116
180B27						19.381	7.00	3.37	2.187	4.750	124
180B28						20.096	7.00	3.37	2.187	4.750	132
180B30						21.525	7.00	3.37	2.187	4.750	148
180B32		1	160.00	64.00	64.00	22.955	7.00	3.37	2.187	4.750	166
180B35		2 - 4	112.00	44.00	44.00	25.101	8.00	3.62	2.187	5.500	205
		5 - 9	96.00	38.00	38.00						
180B36						25.816	8.00	3.62	2.187	5.500	215
180B40						28.677	8.00	3.62	2.187	5.500	256

Style "C" recommended in larger sizes - see page 98.

Hub diameters marked "R" are recessed for chain clearance.

\* Stock bores of sprockets with 12 teeth or more are nominal and must be re-bored even though the bore desired is the same as listed stock bore. Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical items plus \$3.00 per tooth to the list price.



2 1/2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 200 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appr. Wt.
200B 9						7.310	5.73R	3.25	1.687	3.375	23
200B10						8.090	6.51R	3.25	1.687	3.937	29
200B11						8.872	6.25	3.25	1.687	4.250	35
200B12						9.660	6.50	3.25	2.187	4.500	42
		1	90.00	36.00	36.00						
200B13		2 - 4	63.00	25.20	25.20	10.447	6.50	3.25	2.187	4.500	48
200B14		5 - 9	54.00	21.60	21.60	11.235	6.50	3.25	2.187	4.500	54
200B15						12.025	6.50	3.25	2.187	4.500	59
200B16						12.815	6.50	3.25	2.187	4.500	65
200B17						13.605	6.50	3.25	2.187	4.500	71
200B18						14.397	6.50	3.25	2.187	4.500	78
200B19						15.190	7.00	3.50	2.187	4.750	92
200B20						15.982	7.00	3.50	2.187	4.750	99
200B21		1	120.00	48.00	48.00	16.775	7.00	3.50	2.187	4.750	107
200B22		2 - 4	84.00	33.00	33.00	17.567	7.00	3.50	2.187	4.750	116
200B23		5 - 9	72.00	28.00	26.00	18.360	7.00	3.50	2.187	4.750	124
200B24						19.152	7.00	3.50	2.187	4.750	133
200B25						19.947	7.00	3.50	2.187	4.750	142
200B26						20.740	7.00	3.50	2.187	4.750	154
200B27						21.535	7.00	3.50	2.187	4.750	168
200B28		1	200.00	80.00	80.00	22.330	8.00	3.75	2.187	5.500	182
200B30		2 - 4	140.00	56.00	56.00	23.917	8.00	3.75	2.187	5.500	207
200B32		5 - 9	120.00	48.00	48.00	25.505	8.00	3.75	2.187	5.500	231
200B35						27.890	8.00	3.75	2.187	5.500	271
200B36						28.685	8.00	3.75	2.187	5.500	282

Style "C" recommended in larger sizes - see page 99.

Hub diameters marked "R" are recessed for chain clearance.

\* Stock bores of sprockets with 12 teeth or more are nominal and must be re-bored even though the bore desired is the same as listed stock bore. Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical items plus \$3.30 per tooth to the list price.



3" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 240 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price		Alteration Charges List Price Each				Dimensions - Weights					
Catalog No.	List Price	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appr. Wt.
240B 9						8.771	5.62	3.50	2.187	3.750	38
240B10						9.708	6.56	3.50	2.187	4.500	49
240B11						10.649	7.00	3.87	2.187	4.750	65
240B12		1	120.00	48.00	48.00	11.591	7.00	3.87	2.187	4.750	73
		2 - 4	84.00	33.00	33.00						
		5 - 9	72.00	28.00	28.00						
240B13						12.536	7.00	3.87	2.187	4.750	82
240B14						13.482	7.00	3.87	2.187	4.750	92
240B15						14.429	7.00	3.87	2.187	4.750	104
240B16						15.377	8.00	4.12	2.187	5.500	124
240B17						16.327	8.00	4.12	2.187	5.500	136
240B18		1	160.00	64.00	64.00	17.276	8.00	4.12	2.187	5.500	148
		2 - 4	112.00	44.00	44.00						
		5 - 9	96.00	38.00	38.00						
240B19						18.227	8.00	4.12	2.187	5.500	162
240B20						19.177	8.00	4.12	2.187	5.500	175
240B21						20.129	8.00	4.12	2.187	5.500	190
240B22						21.080	8.00	4.12	2.187	5.500	206
240B23						22.032	8.00	4.12	2.187	5.500	221
240B24		1	200.00	80.00	80.00	22.984	8.00	4.12	2.187	5.500	239
		2 - 4	140.00	56.00	56.00						
		5 - 9	120.00	48.00	48.00						
240B25						23.936	8.00	4.12	2.187	5.500	257
240B26						24.889	8.00	4.12	2.187	5.500	274
240B27						25.841	8.00	4.12	2.187	5.500	300
240B28						26.794	9.00	4.37	2.187	6.250	325
240B30		1	300.00	120.00	120.00	28.700	9.00	4.37	2.187	6.250	369
		2 - 4	210.00	84.00	84.00						
		5 - 9	180.00	72.00	72.00						
240B32						30.607	9.00	4.37	2.187	6.250	412
240B35						33.467	9.00	4.37	2.187	6.250	484
240B36						34.421	9.00	4.37	2.187	6.250	511

Style "C" recommended in larger sizes - see page 100.

\* Stock bores of sprockets with 11 teeth or more are nominal and must be re-bored even though the bore desired is the same as listed stock bore. Listed maximum bore is with set screw at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical items plus \$5.40 per tooth to the list price.



3/8" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 35 - Type C Sprockets - Hub Both Sides - Mandrel Bore  
Hardened Teeth

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Appx. Wt.
35C 9H						1.096	.87R	1.37	.375	.375	.2
35C10H						1.214	1.00R	1.37	.375	.500	.3
35C11H						1.331	1.10R	1.37	.375	.625	.3
35C12H						1.449	1.23R	1.37	.500	.750	.4
35C13H						1.567	1.34R	1.37	.500	.875	.4
35C14H						1.685	1.25	1.37	.500	.875	.4
35C15H		1	25.00	10.00	10.00	1.804	1.37	1.37	.500	.875	.5
35C16H		2 - 4	17.50	7.00	7.00	1.922	1.50	1.37	.500	1.000	.7
		5 - 9	15.00	6.00	6.00						
35C17H		10 - 24	13.80	5.50	5.50	2.041	1.62	1.37	.500	1.125	.8
35C18H						2.159	1.73	1.37	.500	1.187	.9
35C19H						2.278	1.85	1.37	.500	1.312	1.0
35C20H						2.397	1.98	1.37	.500	1.375	1.2
35C21H						2.516	2.09	1.37	.500	1.375	1.4
35C22H						2.635	2.21	1.37	.500	1.500	1.8
35C23H						2.754	2.34	1.37	.500	1.562	2.0
35C24H						2.873	2.45	1.37	.500	1.687	2.9

Hub diameters marked "R" are recessed for chain clearance.

Bores of hardened sprockets are left soft for re-boring.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.



1/2" PITCH (.306 ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 41 - Type C Sprockets - Hub Both Sides - Mandrel Bore  
Hardened Teeth

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Appx. Wt.
41C 9H						1.462	1.14R	1.50	.500	.625	.3
41C10H						1.618	1.29R	1.50	.500	.812	.4
41C11H						1.775	1.45R	1.50	.500	.875	.5
41C13H						2.089	1.76R	1.50	.500	1.187	.8
		1	30.00	12.00	12.00						
41C14H		2 - 4	21.00	8.40	8.40	2.247	1.75	1.50	.500	1.250	.9
41C15H		5 - 9	18.00	7.20	7.20	2.405	1.92	1.50	.500	1.312	1.2
41C16H		10 - 24	16.50	6.60	6.60	2.563	2.07	1.50	.500	1.375	1.4
41C17H						2.721	2.23	1.50	.625	1.500	1.5
41C18H						2.879	2.40	1.50	.625	1.687	1.8
41C19H						3.038	2.56	1.50	.625	1.750	2.2

Hub diameters marked "R" are recessed for chain clearance.

Bores of hardened sprockets are left soft for re-boring.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.



1/2" PITCH (.312 ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 40 - Type C Sprockets - Hub Both Sides - Mandrel Bore  
Hardened Through 22 Teeth

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight.
40C 9H						1.462	1.14R	1.50	.500	.625	.3
40C10H						1.618	1.29R	1.50	.500	.812	.4
40C11H						1.775	1.45R	1.50	.500	.875	.5
40C12H						1.932	1.60R	1.50	.500	1.062	.8
40C13H						2.089	1.76R	1.50	.500	1.187	.8
40C14H						2.247	1.68	1.50	.500	1.250	.9
40C15H						2.405	1.85	1.50	.500	1.312	1.2
40C16H						2.563	2.01	1.50	.500	1.375	1.4
40C17H						2.721	2.17	1.50	.625	1.500	1.5
40C18H						2.879	2.34	1.50	.625	1.687	1.8
40C19H						3.038	2.50	1.50	.625	1.750	2.2
40C20H						3.196	2.65	1.50	.625	1.750	2.4
40C21H						3.355	2.81	1.50	.625	1.875	2.6
40C22H						3.513	2.98	1.50	.625	2.000	3.0
40C23						3.672	2.50	1.96	.625	1.750	2.9
40C24		1	30.00	12.00	12.00	3.831	2.50	1.96	.625	1.750	2.9
40C25		2 - 4	21.00	8.40	8.40	3.989	2.50	1.96	.625	1.750	3.0
40C26		5 - 9	18.00	7.20	7.20	4.148	2.50	1.96	.625	1.750	3.1
40C27		10 - 24	16.50	6.60	6.60	4.307	2.50	1.96	.625	1.750	3.5
40C28						4.466	2.75	1.96	.625	1.750	3.8
40C30						4.783	2.75	1.96	.625	1.750	4.0
40C32						5.101	2.75	1.96	.625	1.750	4.2
40C34						5.419	2.75	1.96	.625	1.750	4.5
40C35						5.578	2.75	1.96	.625	1.750	4.6
40C36						5.737	2.75	1.96	.625	1.750	4.7
40C38						6.055	2.75	1.96	.625	1.750	4.9
40C40						6.373	2.75	1.96	.750	1.750	5.1
40C42						6.691	2.75	1.96	.750	1.750	5.4
40C45						7.168	2.75	1.96	.750	1.750	5.8
40C48						7.645	2.75	1.96	.750	1.750	6.3
40C50						7.963	2.75	1.96	.750	1.750	6.6
40C52						8.281	2.75	1.96	.750	1.750	6.9
40C54						8.599	2.75	1.96	.750	1.750	7.2
40C60						9.554	2.75	1.96	.750	1.750	8.4
40C70						11.145	3.00	2.21	1.000	2.000	11
40C72						11.463	3.00	2.21	1.000	2.000	12
40C80		1	40.00	16.00	16.00	12.736	3.00	2.21	1.000	2.000	13
40C84		2 - 4	28.00	11.20	11.20	13.372	3.00	2.21	1.000	2.000	14
		5 - 9	24.00	9.60	9.60						
40C96		10 - 24	22.00	8.80	8.80	15.282	3.25	2.34	1.000	2.250	16
40C112						17.828	3.25	2.34	1.000	2.250	24
40C120						19.101	3.25	2.34	1.000	2.250	27

Hub diameters marked "R" are recessed for chain clearance.

\*Stock bores of sprockets with 23 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore. Bores of hardened sprockets are left soft for re-boring.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 22 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.40 per tooth to the list price.



5/8" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 50 - Type C Sprockets - Hub Both Sides - Mandrel Bore  
Hardened Through 20 Teeth

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight.
50C 9H						1.627	1.40R	1.62	.625	.812	.4
50C10H						2.023	1.60R	1.62	.625	.937	.8
50C11H						2.219	1.81R	1.62	.625	1.187	.9
50C12H						2.415	2.00R	1.62	.625	1.250	1.0
50C13H						2.612	1.93	1.62	.625	1.312	1.4
50C14H						2.809	2.14	1.62	.625	1.375	1.7
50C15H						3.006	2.34	1.62	.625	1.562	2.0
50C16H						3.204	2.53	1.62	.625	1.750	2.4
50C17H						3.401	2.73	1.62	.625	1.750	2.8
50C18H						3.599	2.93	1.62	.625	1.937	3.2
50C19H						3.797	3.12	1.62	.625	2.125	3.6
50C20H						3.995	3.32	1.62	.625	2.250	4.4
50C21		1	30.00	12.00	12.00	4.193	3.00	2.28	.750	2.000	4.7
50C22		2 - 4	21.00	8.40	8.40	4.392	3.00	2.28	.750	2.000	4.9
50C23		5 - 9	18.00	7.20	7.20	4.590	3.00	2.28	.750	2.000	5.0
50C24		10 - 24	16.50	6.60	6.60	4.788	3.00	2.28	.750	2.000	5.2
50C25						4.987	3.00	2.28	.750	2.000	5.3
50C26						5.185	3.00	2.28	.750	2.000	5.4
50C27						5.384	3.00	2.28	.750	2.000	5.6
50C28						5.582	3.00	2.28	.750	2.000	5.7
50C30						5.979	3.00	2.28	.750	2.000	6.1
50C32						6.376	3.00	2.28	.750	2.000	6.5
50C34						6.774	3.00	2.28	.750	2.000	6.7
50C35						6.972	3.00	2.28	.750	2.000	7.1
50C36						7.171	3.00	2.28	.750	2.000	7.3
50C38						7.568	3.00	2.28	.750	2.000	7.8
50C40						7.966	3.25	2.40	.750	2.250	8.3
50C42						8.363	3.25	2.40	.750	2.250	9.8
50C45						8.960	3.25	2.40	1.000	2.250	9.6
50C48						9.556	3.25	2.40	1.000	2.250	10
50C50		1	40.00	16.00	16.00	9.954	3.25	2.40	1.000	2.250	11
50C52		2 - 4	28.00	11.20	11.20	10.351	3.25	2.40	1.000	2.250	11
50C54		5 - 9	24.00	9.60	9.60	10.749	3.25	2.40	1.000	2.250	12
50C60		10 - 24	22.00	8.80	8.80	11.942	3.25	2.40	1.000	2.250	14
50C70						13.931	3.50	2.46	1.000	2.250	18
50C72						14.328	3.50	2.46	1.000	2.250	20
50C80						15.920	3.75	2.46	1.000	2.500	25
50C84		1	50.00	20.00	20.00	16.715	3.75	2.46	1.000	2.500	27
50C96		2 - 4	35.00	14.00	14.00	19.102	4.00	2.46	1.250	2.750	34
50C112		5 - 9	30.00	12.00	12.00	22.285	4.00	2.46	1.250	2.750	44
50C120		10 - 24	28.00	11.00	11.00	23.876	4.00	2.46	1.250	2.750	51

Hub diameters marked "R" are recessed for chain clearance.

\*Stock bores of sprockets with 21 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore. Bores of hardened sprockets are left soft for re-boring.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 20 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.45 per tooth to the list price.



3/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 60 - Type C Sprockets - Hub Both Sides - Mandrel Bore  
Hardened Through 19 Teeth

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight.
60C 9H						2.193	1.70R	2.00	.750	1.000	1.0
60C10H						2.427	1.93R	2.00	.750	1.187	1.4
60C11H						2.662	2.17R	2.00	.750	1.375	1.8
60C12H						2.898	2.40R	2.00	.750	1.500	2.0
60C13H						3.134	2.31	2.00	.750	1.562	2.5
60C14H						3.370	2.56	2.00	.750	1.750	3.0
60C15H						3.607	2.79	2.00	.750	1.750	3.5
60C16H						3.844	3.03	2.00	.750	2.000	4.3
60C17H						4.082	3.28	2.00	.750	2.250	5.0
60C18H						4.319	3.53	2.00	.750	2.250	5.8
60C19H		1	30.00	12.00	12.00	4.557	3.76	2.00	.750	2.500	6.5
60C20		2 - 4	21.00	8.40	8.40	4.794	3.25	2.50	.750	2.250	6.8
		5 - 9	18.00	7.20	7.20						
		10 - 24	16.50	6.60	6.60						
60C21						5.032	3.25	2.50	.750	2.250	7.1
60C22						5.270	3.50	2.56	1.000	2.250	8.4
60C23						5.508	3.50	2.56	1.000	2.250	8.7
60C24						5.746	3.50	2.56	1.000	2.250	8.9
60C25						5.984	3.50	2.56	1.000	2.250	9.2
60C26						6.222	3.50	2.56	1.000	2.250	9.5
60C27						6.460	3.50	2.56	1.000	2.250	9.8
60C28						6.699	3.50	2.56	1.000	2.250	10
60C30						7.175	3.50	2.56	1.000	2.250	11
60C32						7.652	3.75	2.56	1.000	2.500	12
60C34						8.128	3.75	2.56	1.000	2.500	12
60C35						8.367	3.75	2.56	1.000	2.500	13
60C36						8.605	3.75	2.56	1.000	2.500	14
60C38						9.082	3.75	2.56	1.000	2.500	14
60C40						9.559	3.75	2.56	1.000	2.500	15
60C42						10.036	3.75	2.56	1.000	2.500	16
60C45						10.752	3.75	2.56	1.000	2.500	18
60C48						11.467	3.75	2.56	1.000	2.500	19
60C50		1	40.00	16.00	16.00	11.944	3.75	2.56	1.000	2.500	20
60C52		2 - 4	28.00	11.20	11.20	12.422	3.75	2.56	1.000	2.500	22
60C54		5 - 9	24.00	9.60	9.60	12.899	4.00	2.56	1.250	2.750	24
60C60		10 - 24	22.00	8.80	8.80	14.330	4.00	2.56	1.250	2.750	27
60C70						16.717	4.00	2.56	1.250	2.750	35
60C72						17.194	4.00	2.56	1.250	2.750	36
60C80						19.104	4.25	2.56	1.250	2.750	47
60C84		1	70.00	28.00	28.00	20.058	4.25	2.56	1.250	2.750	51
60C96		2 - 4	49.00	19.60	19.60	22.922	4.50	3.06	1.250	3.000	54
60C112		5 - 9	42.00	16.80	16.80	26.742	4.50	3.06	1.250	3.000	74
60C120		10 - 24	39.00	15.40	15.40	28.651	4.50	3.06	1.250	3.000	86

Hub diameters marked "R" are recessed for chain clearance.

\*Stock bores of sprockets with 20 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore. Bores of hardened sprockets are left soft for re-boring.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 19 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.70 per tooth to the list price.



1" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 80 - Type C Sprockets - Hub Both Sides - Mandrel Bore  
Hardened Through 16 Teeth

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight.
80C 9H						2.924	2.28R	2.37	1.000	1.312	1.8
80C10H						3.236	2.59R	2.37	1.000	1.562	2.4
80C11H						3.549	2.90R	2.37	1.000	1.812	3.0
80C12H						3.864	2.78	2.37	1.000	1.812	3.9
80C13H						4.179	3.10	2.37	1.000	2.125	4.9
80C14H						4.494	3.43	2.37	1.000	2.250	5.9
80C15H						4.810	3.78	2.37	1.000	2.500	7.2
80C16H						5.126	4.09	2.37	1.000	2.750	9.0
80C17						5.442	4.00	2.68	1.000	2.750	10
80C18		1	40.00	16.00	16.00	5.759	4.00	2.68	1.000	2.750	11
80C19		2 - 4	28.00	11.20	11.20	6.076	4.00	2.68	1.000	2.750	12
80C20		5 - 9	24.00	9.60	9.60	6.392	4.00	2.68	1.000	2.750	12
80C21		10 - 24	22.00	8.80	8.80	6.710	4.00	2.68	1.000	2.750	13
80C22						7.027	4.00	2.68	1.000	2.750	13
80C23						7.344	4.00	2.68	1.000	2.750	14
80C24						7.661	4.00	2.68	1.000	2.750	14
80C25						7.979	4.00	2.68	1.000	2.750	15
80C26						8.296	4.25	2.68	1.250	2.750	18
80C27						8.614	4.25	2.68	1.250	2.750	19
80C28						8.931	4.25	2.68	1.250	2.750	20
80C30						9.567	4.25	2.68	1.250	2.750	21
80C32						10.202	4.25	2.68	1.250	2.750	23
80C34						10.838	4.25	2.68	1.250	2.750	25
80C35						11.156	4.25	2.68	1.250	2.750	26
80C36						11.474	4.25	2.68	1.250	2.750	27
80C38		1	50.00	20.00	20.00	12.110	4.25	2.68	1.250	2.750	29
80C40		2 - 4	35.00	14.00	14.00	12.745	4.50	3.18	1.250	3.000	31
		5 - 9	30.00	12.00	12.00						
80C42		10 - 24	28.00	11.00	11.00	13.381	4.50	3.18	1.250	3.000	33
80C45						14.336	4.50	3.18	1.250	3.000	37
80C48						15.290	4.50	3.18	1.250	3.000	40
80C50						15.926	4.50	3.18	1.250	3.000	42
80C52						16.562	4.50	3.18	1.250	3.000	45
80C54						17.198	4.50	3.18	1.250	3.000	48
80C60						19.107	5.00	3.43	1.437	3.250	61
80C70						22.289	5.00	3.43	1.437	3.250	78
80C72						22.926	5.00	3.43	1.437	3.250	83
80C80		1	80.00	32.00	32.00	25.471	5.50	3.81	1.437	3.750	104
80C84		2 - 4	56.00	22.40	22.40	26.744	5.50	3.81	1.437	3.750	114
		5 - 9	48.00	19.20	19.20						
80C96						30.563	5.50	3.81	1.687	3.750	140
80C112						35.655	5.50	3.81	1.687	3.750	182
80C120						38.202	5.50	3.81	1.687	3.750	204

Hub diameters marked "R" are recessed for chain clearance.

\*Stock bores of sprockets with 17 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore. Bores of hardened sprockets are left soft for re-boring.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 16 teeth, add preparation charge of \$20.00 divided by the number of identical items plus \$.90 per tooth to the list price.



1 1/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 100 - Type C Sprockets - Hub Both Sides - Mandrel Bore  
Hardened Through 14 Teeth

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight.
100C 9H						3.655	2.89R	2.87	1.000	1.625	3.3
100C10H						4.045	3.28R	2.87	1.000	1.750	4.3
100C11H						4.437	3.07	2.87	1.000	2.000	5.5
100C12H						4.830	3.48	2.87	1.250	2.250	6.7
100C13H						5.223	3.89	2.87	1.250	2.625	8.3
100C14H						5.617	4.29	2.87	1.250	2.750	10
100C15						6.012	4.25	3.06	1.250	2.750	15
100C16						6.407	4.25	3.06	1.250	2.750	16
100C17						6.803	4.25	3.06	1.250	2.750	17
100C18						7.198	4.25	3.06	1.250	2.750	18
100C19		1	50.00	20.00	20.00	7.594	4.25	3.06	1.250	2.750	19
100C20		2 - 4	35.00	14.00	14.00	7.991	4.25	3.06	1.250	2.750	20
100C21		5 - 9	30.00	12.00	12.00	8.387	4.25	3.06	1.250	2.750	21
100C22		10 - 24	28.00	11.00	11.00	8.783	4.50	3.31	1.250	3.000	21
100C23						9.180	4.50	3.31	1.250	3.000	24
100C24						9.577	4.50	3.31	1.250	3.000	25
100C25						9.973	4.50	3.31	1.250	3.000	26
100C26						10.370	4.50	3.31	1.250	3.000	27
100C27						10.767	4.50	3.31	1.250	3.000	28
100C28						11.164	4.50	3.31	1.250	3.000	30
100C30						11.958	4.50	3.31	1.250	3.000	33
100C32						12.753	4.50	3.31	1.250	3.000	36
100C34						13.547	4.50	3.31	1.250	3.000	38
100C35						13.945	4.50	3.31	1.250	3.000	40
100C36						14.342	5.00	3.56	1.437	3.250	46
100C38		1	70.00	28.00	28.00	15.137	5.00	3.56	1.437	3.250	50
100C40		2 - 4	49.00	19.60	19.60	15.932	5.00	3.56	1.437	3.250	54
		5 - 9	42.00	16.80	16.80						
100C42		10 - 24	39.00	15.40	15.40	16.727	5.00	3.56	1.437	3.250	58
100C45						17.919	5.00	3.56	1.437	3.250	64
100C48						19.112	5.00	3.56	1.437	3.250	71
100C50						19.907	5.00	3.56	1.437	3.250	78
100C52						20.703	5.00	3.56	1.437	3.250	84
100C54		1	100.00	40.00	40.00	21.498	5.50	3.93	1.437	3.625	91
		2 - 4	70.00	28.00	28.00						
100C60		5 - 9	60.00	24.00	24.00	23.884	5.50	3.93	1.437	3.625	107
100C70						27.861	5.50	3.93	1.687	3.625	138
100C72						28.657	5.50	3.93	1.687	3.625	143
100C80						31.839	6.00	3.93	1.687	4.000	181
100C84		1	120.00	48.00	48.00	33.430	6.00	3.93	1.687	4.000	193
100C96		2 - 4	84.00	33.00	33.00	38.204	6.00	3.93	1.687	4.000	245
100C112		5 - 9	72.00	28.00	28.00	44.569	6.50	3.93	2.187	4.500	327
100C120						47.752	6.50	3.93	2.187	4.500	370

Hub diameters marked "R" are recessed for chain clearance.

\*Stock bores of sprockets with 15 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore. Bores of hardened sprockets are left soft for re-boring.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 14 teeth, add preparation charge of \$20.00 divided by the number of identical items plus \$1.20 per tooth to the list price.



1 1/2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 120 - Type C Sprockets - Hub Both Sides - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight.
120C 9						4.386	3.50R	3.37	1.250	1.937	8.8
120C10						4.854	3.96R	3.37	1.250	2.250	9.6
120C11						5.324	3.70	3.37	1.437	2.437	10
120C12						5.796	4.20	3.37	1.437	2.750	12
120C13						6.268	4.67	3.37	1.437	3.000	15
120C14						6.741	4.50	3.50	1.437	3.000	20
120C15		1	60.00	24.00	24.00	7.215	4.50	3.50	1.437	3.000	21
120C16		2 - 4	42.00	16.80	16.80	7.689	4.50	3.50	1.437	3.000	23
		5 - 9	36.00	14.40	14.40						
		10 - 24	33.00	13.20	13.20						
120C17						8.163	5.00	3.75	1.437	3.250	28
120C18						8.638	5.00	3.75	1.437	3.250	30
120C19						9.113	5.00	3.75	1.437	3.250	32
120C20						9.589	5.00	3.75	1.437	3.250	33
120C21						10.064	5.00	3.75	1.437	3.250	36
120C22						10.540	5.00	3.75	1.437	3.250	37
120C23						11.016	5.00	3.75	1.437	3.250	40
120C24						11.492	5.00	3.75	1.437	3.250	42
120C25						11.968	5.50	4.12	1.687	3.625	49
120C26						12.444	5.50	4.12	1.687	3.625	52
120C27		1	80.00	32.00	32.00	12.921	5.50	4.12	1.687	3.625	55
120C28		2 - 4	56.00	22.40	22.40	13.397	5.50	4.12	1.687	3.625	58
		5 - 9	48.00	19.20	19.20						
		10 - 24	44.00	17.60	17.60						
120C30						14.350	5.50	4.12	1.687	3.625	62
120C32						15.303	5.50	4.12	1.687	3.625	68
120C34						16.257	5.50	4.12	1.687	3.625	74
120C35						16.734	5.50	4.12	1.687	3.625	77
120C36						17.211	6.00	4.12	1.687	4.000	84
120C38						18.164	6.00	4.12	1.687	4.000	92
120C40						19.118	6.00	4.12	1.687	4.000	99
120C42						20.072	6.00	4.12	1.687	4.000	107
120C45		1	100.00	40.00	40.00	21.503	6.00	4.12	1.687	4.000	119
		2 - 4	70.00	28.00	28.00						
		5 - 9	60.00	24.00	24.00						
120C48						22.935	6.00	4.12	1.687	4.000	138
120C50						23.889	6.00	4.12	1.687	4.000	146
120C52						24.843	6.00	4.12	1.687	4.000	156
120C54						25.798	6.00	4.12	1.687	4.000	163
120C60						28.661	6.50	4.12	2.187	4.500	195
120C70						33.434	6.50	4.12	2.187	4.500	249
120C72						34.388	6.50	4.12	2.187	4.500	262
120C80		1	160.00	64.00	64.00	38.207	6.50	4.12	2.187	4.500	317
		2 - 4	112.00	44.00	44.00						
		5 - 9	96.00	38.00	38.00						
120C84						40.116	7.00	4.25	2.187	4.750	350
120C96						45.845	7.00	4.25	2.187	4.750	447
120C112						53.483	8.00	4.75	2.187	5.500	614
120C120						57.302	8.00	4.75	2.187	5.500	698

Hub diameters marked "R" are recessed for chain clearance.

\*Stock bores of sprockets with 14 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical items plus \$1.60 per tooth to the list price.



**1 3/4" PITCH - SINGLE STRAND - STEEL**

**A.N.S.I. No. 140 - Type C Sprockets - Hub Both Sides - Mandrel Bore**

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight
140C 9						5.117	4.09R	3.62	1.437	2.250	11
140C10						5.663	4.64R	3.62	1.437	2.750	15
140C11						6.212	4.32	3.62	1.437	2.875	17
140C12						6.762	4.89	3.62	1.437	3.250	21
140C13		1	80.00	32.00	32.00	7.313	5.00	3.75	1.437	3.250	26
140C14		2 - 4	56.00	22.40	22.40	7.864	5.50	4.12	1.437	3.625	32
140C15		5 - 9	48.00	19.20	19.20	8.417	5.50	4.12	1.437	3.625	34
140C16		10 - 24	44.00	17.60	17.60	8.970	5.50	4.12	1.437	3.625	36
140C17						9.524	5.50	4.12	1.437	3.625	38
140C18						10.078	5.50	4.12	1.437	3.625	40
140C19						10.632	5.50	4.12	1.437	3.625	43
140C20						11.187	5.50	4.12	1.437	3.625	45
140C21						11.742	5.50	4.12	1.437	3.625	48
140C22						12.297	5.50	4.12	1.437	3.625	51
140C23						12.852	6.00	4.12	1.687	4.000	58
140C24						13.407	6.00	4.12	1.687	4.000	61
140C25						13.963	6.00	4.12	1.687	4.000	64
140C26						14.518	6.00	4.12	1.687	4.000	67
140C27		1	100.00	40.00	40.00	15.074	6.00	4.12	1.687	4.000	72
140C28		2 - 4	70.00	28.00	28.00	15.630	6.00	4.12	1.687	4.000	76
140C29		5 - 9	60.00	24.00	24.00	16.187	6.00	4.12	1.687	4.000	80
140C30		10 - 24	55.00	22.00	22.00	16.742	6.00	4.12	1.687	4.000	82
140C32						17.297	6.00	4.12	1.687	4.000	90
140C34						18.852	6.00	4.12	1.687	4.000	98
140C35						19.407	6.00	4.12	1.687	4.000	102
140C36						20.963	6.50	4.12	2.187	4.500	110
140C38						21.518	6.50	4.12	2.187	4.500	120
140C40		1	160.00	64.00	64.00	22.074	6.50	4.12	2.187	4.500	130
140C42		2 - 4	112.00	44.00	44.00	22.630	6.50	4.12	2.187	4.500	141
140C44		5 - 9	96.00	38.00	38.00	23.187	6.50	4.12	2.187	4.500	157
140C45						23.742	6.50	4.12	2.187	4.500	176
140C48						24.297	6.50	4.12	2.187	4.500	224
140C54						24.852	6.50	4.12	2.187	4.500	274
140C60						25.407	7.00	4.25	2.187	4.750	333
140C70						25.963	7.00	4.25	2.187	4.750	350
140C72		1	200.00	80.00	80.00	26.518	7.00	4.25	2.187	4.750	440
140C80		2 - 4	140.00	56.00	56.00	27.074	8.00	4.75	2.187	5.500	489
140C84		5 - 9	120.00	48.00	48.00	27.630	8.00	4.75	2.187	5.500	636
140C96						28.187	9.00	5.25	2.187	6.250	

Hub diameters marked "R" are recessed for chain clearance.

\*Stock bores of sprockets with 13 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical items plus \$1.80 per tooth to the list price.



2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 160 - Type C Sprockets - Hub Both Sides - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight
160C 9		1	80.00	32.00	32.00	5.848	4.70R	4.12	1.437	2.625	18
160C10		2 - 4	56.00	22.40	22.40	6.472	5.32R	4.12	1.437	3.125	24
160C11		5 - 9	48.00	19.20	19.20	7.099	4.95	4.12	1.687	3.250	25
160C12		10 - 24	44.00	17.60	17.60	7.727	5.60	4.12	1.687	3.625	32
160C13						8.357	5.50	4.37	1.687	3.625	37
160C14		1	100.00	40.00	40.00	8.988	6.00	4.37	1.687	4.000	45
160C15		2 - 4	70.00	28.00	28.00	9.620	6.00	4.37	1.687	4.000	48
160C16		5 - 9	60.00	24.00	24.00	10.252	6.00	4.37	1.687	4.000	51
160C17		10 - 24	55.00	22.00	22.00	10.885	6.00	4.37	1.687	4.000	55
160C18						11.518	6.00	4.37	1.687	4.000	58
160C19						12.151	6.00	4.37	1.687	4.000	62
160C20						12.785	6.00	4.37	1.687	4.000	67
160C21						13.419	6.00	4.37	1.687	4.000	71
160C22		1	120.00	48.00	48.00	14.053	6.50	4.37	2.187	4.500	79
160C23		2 - 4	84.00	33.00	33.00	14.688	6.50	4.37	2.187	4.500	84
160C24		5 - 9	72.00	28.00	28.00	15.323	6.50	4.37	2.187	4.500	90
160C25						15.958	6.50	4.37	2.187	4.500	94
160C26						16.593	6.50	4.37	2.187	4.500	98
160C27						17.228	6.50	4.37	2.187	4.500	103
160C28						17.863	6.50	4.37	2.187	4.500	109
160C30						19.134	6.50	4.37	2.187	4.500	122
160C32		1	200.00	80.00	80.00	20.405	6.50	4.37	2.187	4.500	134
160C34		2 - 4	140.00	56.00	56.00	21.676	6.50	4.37	2.187	4.500	149
160C35		5 - 9	120.00	48.00	48.00	22.312	7.00	4.50	2.187	4.750	157
160C36						22.947	7.00	4.50	2.187	4.750	167
160C38						24.219	7.00	4.50	2.187	4.750	184
160C40						25.491	7.00	4.50	2.187	4.750	202
160C42						26.763	7.00	4.50	2.187	4.750	217
160C45						28.671	7.00	4.50	2.187	4.750	240
160C48						30.580	7.00	4.50	2.187	4.750	268
160C54		1	300.00	120.00	120.00	34.397	8.00	5.00	2.187	5.500	358
160C60		2 - 4	210.00	84.00	84.00	38.215	8.00	5.00	2.187	5.500	434
160C70		5 - 9	180.00	72.00	72.00	44.578	8.00	5.00	2.187	5.500	552
160C72						45.851	9.00	5.50	2.187	6.250	603
160C80						50.943	9.00	5.50	2.187	6.250	728
160C84						53.489	10.00	5.75	2.187	6.750	817
160C96						61.126	10.00	5.75	2.187	6.750	1037

Hub diameters marked "R" are recessed for chain clearance.

\*Stock bores of sprockets with 13 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical items plus \$2.50 per tooth to the list price.



2 1/4" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 180 - Type C Sprockets - Hub Both Sides - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight.
180C 9						6.579	5.15R	4.50	1.687	2.937	25
180C10						7.281	5.84R	4.50	1.687	3.500	33
180C11						7.986	5.57	4.50	1.687	3.625	38
180C12		1	120.00	48.00	48.00	8.693	5.50	4.50	1.687	3.625	41
		2 - 4	84.00	33.00	33.00						
		5 - 9	72.00	28.00	28.00						
180C13						9.402	6.00	4.50	1.687	4.000	48
180C14						10.112	6.00	4.50	1.687	4.000	52
180C15						10.822	6.00	4.50	1.687	4.000	57
180C16						11.533	6.00	4.50	1.687	4.000	61
180C17						12.245	6.50	4.50	2.187	4.500	71
180C18						12.957	6.50	4.50	2.187	4.500	77
180C19						13.670	6.50	4.50	2.187	4.500	81
180C20						14.383	6.50	4.50	2.187	4.500	87
180C21						15.096	6.50	4.50	2.187	4.500	93
180C22						15.810	7.00	4.62	2.187	4.750	103
180C23		1	200.00	80.00	80.00	16.524	7.00	4.62	2.187	4.750	109
180C24		2 - 4	140.00	56.00	56.00	17.238	7.00	4.62	2.187	4.750	116
		5 - 9	120.00	48.00	48.00						
180C25						17.952	7.00	4.62	2.187	4.750	123
180C26						18.666	7.00	4.62	2.187	4.750	129
180C27						19.381	7.00	4.62	2.187	4.750	137
180C28						20.096	7.00	4.62	2.187	4.750	145
180C30						21.525	7.00	4.62	2.187	4.750	161
180C32						22.955	7.00	4.62	2.187	4.750	179
180C35						25.101	8.00	5.12	2.187	5.500	228
180C36						25.816	8.00	5.12	2.187	5.500	238
180C40						28.677	8.00	5.12	2.187	5.500	279
180C42						30.108	8.00	5.12	2.187	5.500	304
180C45		1	300.00	120.00	120.00	32.255	8.00	5.12	2.187	5.500	340
180C48		2 - 4	210.00	84.00	84.00	34.402	8.00	5.12	2.187	5.500	379
180C54		5 - 9	180.00	72.00	72.00	38.696	8.00	5.12	2.187	5.500	464
180C60						42.991	9.00	5.62	2.187	6.250	582
180C70						50.151	9.00	5.62	2.187	6.250	765
180C72						51.583	9.00	5.62	2.187	6.250	807
180C80						57.310	10.00	5.87	2.187	6.750	1003
180C84						60.175	10.00	5.87	2.187	6.750	1096

Hub diameters marked "R" are recessed for chain clearance.

\*Stock bores of sprockets with 12 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical items plus \$3.00 per tooth to the list price.



2 1/2" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 200 - Type C Sprockets - Hub Both Sides - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight.
200C 9						7.310	5.73R	5.00	1.687	3.375	40
200C10						8.090	6.51R	5.00	1.687	3.937	51
200C11						8.872	6.25	4.62	1.687	4.250	55
200C12						9.660	6.50	4.62	2.187	4.500	56
		1	140.00	56.00	56.00						
200C13		2 - 4	98.00	39.00	39.00	10.447	6.50	4.62	2.187	4.500	61
200C14		5 - 9	84.00	33.00	33.00	11.235	6.50	4.62	2.187	4.500	67
200C15						12.025	6.50	4.62	2.187	4.500	72
200C16						12.815	6.50	4.62	2.187	4.500	78
200C17						13.604	6.50	4.62	2.187	4.500	84
200C18						14.397	6.50	4.62	2.187	4.500	91
200C19						15.190	7.00	4.75	2.187	4.750	105
200C20						15.982	7.00	4.75	2.187	4.750	116
200C21		1	200.00	80.00	80.00	16.775	7.00	4.75	2.187	4.750	120
200C22		2 - 4	140.00	56.00	56.00	17.567	7.00	4.75	2.187	4.750	129
		5 - 9	120.00	48.00	48.00						
200C23						18.360	7.00	4.75	2.187	4.750	137
200C24						19.152	7.00	4.75	2.187	4.750	146
200C25						19.947	7.00	4.75	2.187	4.750	155
200C26						20.740	7.00	4.75	2.187	4.750	167
200C27						21.535	7.00	4.75	2.187	4.750	185
200C28						22.330	8.00	5.25	2.187	5.500	203
200C30						23.917	8.00	5.25	2.187	5.500	228
200C32						25.505	8.00	5.25	2.187	5.500	252
200C35						27.890	8.00	5.25	2.187	5.500	292
200C36						28.685	8.00	5.25	2.187	5.500	303
200C40		1	300.00	120.00	120.00	31.865	8.00	5.25	2.187	5.500	367
		2 - 4	210.00	84.00	84.00						
		5 - 9	180.00	72.00	72.00						
200C42						33.455	8.00	5.25	2.187	5.500	407
200C45						35.840	9.00	5.75	2.187	6.250	469
200C48						38.225	9.00	5.75	2.187	6.250	523
200C54						42.995	9.00	5.75	2.187	6.250	641
200C60						47.767	10.00	6.00	2.187	6.750	796
200C70						55.722	10.00	6.00	2.187	6.750	1050
200C72						57.315	10.00	6.00	2.187	6.750	1106

Hub diameters marked "R" are recessed for chain clearance.

\*Stock bores of sprockets with 12 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical items plus \$3.30 per tooth to the list price.



3" PITCH - SINGLE STRAND - STEEL

A.N.S.I. No. 240 - Type C Sprockets - Hub Both Sides - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight.
240C 9						8.771	5.62	5.00	2.187	3.750	48
240C10						9.708	6.56	5.00	2.187	4.500	63
240C11		1	160.00	64.00	64.00	10.649	7.00	5.12	2.187	4.750	78
240C12		2 - 4	112.00	44.00	44.00	11.591	7.00	5.12	2.187	4.750	86
		5 - 9	96.00	38.00	38.00						
240C13						12.536	7.00	5.12	2.187	4.750	95
240C14						13.482	7.00	5.12	2.187	4.750	105
240C15						14.429	7.00	5.12	2.187	4.750	117
240C16						15.377	8.00	5.62	2.187	5.500	147
240C17						16.327	8.00	5.62	2.187	5.500	159
240C18		1	200.00	80.00	80.00	17.276	8.00	5.62	2.187	5.500	171
		2 - 4	140.00	56.00	58.00						
		5 - 9	120.00	48.00	48.00						
240C19						18.227	8.00	5.62	2.187	5.500	185
240C20						19.177	8.00	5.62	2.187	5.500	198
240C21						20.129	8.00	5.62	2.187	5.500	213
240C22						21.080	8.00	5.62	2.187	5.500	229
240C23						22.032	8.00	5.62	2.187	5.500	244
240C24		1	300.00	120.00	120.00	22.984	8.00	5.62	2.187	5.500	262
240C25		2 - 4	210.00	84.00	84.00	23.936	8.00	5.62	2.187	5.500	280
		5 - 9	180.00	72.00	72.00						
240C26						24.889	8.00	5.62	2.187	5.500	297
240C27						25.841	8.00	5.62	2.187	5.500	326
240C28						26.794	9.00	6.12	2.187	6.250	356
240C30						28.700	9.00	6.12	2.187	6.250	400
240C32						30.607	9.00	6.12	2.187	6.250	443
240C35						33.467	9.00	6.12	2.187	6.250	515
240C36		1	400.00	160.00	160.00	34.421	9.00	6.12	2.187	6.250	542
240C40		2 - 4	280.00	112.00	112.00	36.237	10.00	6.37	2.187	6.750	673
240C42		5 - 9	240.00	96.00	96.00	40.145	10.00	6.37	2.187	6.750	730
240C45						43.007	10.00	6.37	2.187	6.750	824
240C48						45.869	10.00	6.37	2.187	6.750	924
240C54						51.595	10.00	6.37	2.187	6.750	1139
240C60						57.322	10.00	6.37	2.187	6.750	1391

\*Stock bores of sprockets with 11 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical items plus \$5.40 per tooth to the list price.



1/4" PITCH - SINGLE STRAND - **STAINLESS STEEL**

A.N.S.I. No. 25 - Type B Sprockets - Hub One Side

Finished Bore

Complete With Any Bore Size Indicated - Standard Straight Keyway and **TWO SETSCREWS**

Size and List Price		BORE SIZES AVAILABLE WITH KEYWAY AND TWO SETSCREWS					Dimensions - Weights	
Catalog No.	List Price	1/4*	3/8*	1/2	5/8	3/4	Pitch Diameter	Approx. Weight
25FB 9SS		X					.731	.03
25FB10SS		X					.809	.03
25FB11SS		X	X				.887	.04
25FB12SS		X	X				.966	.06
25FB13SS		X	X	X			1.045	.07
25FB14SS		X	X	X			1.124	.08
25FB15SS		X	X	X			1.203	.1
25FB16SS			X	X			1.282	.1
25FB17SS			X	X			1.361	.1
25FB18SS			X	X	X		1.440	.2
25FB19SS			X	X	X		1.519	.2
25FB20SS				X	X	X	1.598	.2
25FB21SS				X	X	X	1.678	.3
25FB22SS				X	X	X	1.757	.3
25FB23SS				X	X	X	1.836	.3
25FB24SS				X	X	X	1.915	.3
25FB25SS				X	X	X	1.995	.3
25FB26SS				X	X	X	2.074	.3
25FB28SS				X	X	X	2.233	.4
25FB30SS				X	X	X	2.392	.4

\* 1/4" and 3/8" Bore sizes have two set screws only - No keyway

35 FB  
Stainless



**3/8" PITCH - SINGLE STRAND - STAINLESS STEEL**

A.N.S.I. No. 35 - Type B Sprockets - Hub One Side

Finished Bore

Complete With Any Bore Size Indicated - Standard Straight Keyway and TWO SETSCREWS

Size and List Price		BORE SIZES AVAILABLE WITH KEYWAY AND TWO SETSCREWS						Dimensions - Weights	
Catalog No.	List Price	*3/8	1/2	5/8	3/4	7/8	1	Pitch Diameter	Approx. Weight
35FB 9SS		X						1.096	.1
35FB10SS		X	X					1.214	.2
35FB11SS		X	X	X				1.331	.2
35FB12SS			X	X	X			1.449	.2
35FB13SS			X	X	X			1.567	.3
35FB14SS			X	X	X			1.685	.3
35FB15SS			X	X	X	X		1.804	.3
35FB16SS				X	X	X		1.922	.4
35FB17SS				X	X	X	X	2.041	.4
35FB18SS				X	X	X	X	2.159	.5
35FB19SS				X	X	X	X	2.278	.6
35FB20SS				X	X	X	X	2.397	.7
35FB21SS				X	X	X	X	2.516	.8
35FB22SS				X	X	X	X	2.635	.9
35FB23SS				X	X	X	X	2.754	1.1
35FB24SS				X	X	X	X	2.873	1.2
35FB25SS				X	X	X	X	2.992	1.2
35FB26SS				X	X	X	X	3.111	1.3
35FB28SS				X	X	X	X	3.349	1.3
35FB30SS				X	X	X	X	3.588	1.4

\*3/8" Bore sizes have two set screws only - No keyway.

**HARDENED STAINLESS STEEL**  
Sprockets & Gears Available Made-To-Order.



40 FB  
Stainless

1/2" PITCH (.312 ROLL) - SINGLE STRAND - **STAINLESS STEEL**

A.N.S.I. No. 40 - Type B Sprockets - Hub One Side

Finished Bore

Complete With Any Bore Size Indicated - Standard Straight Keyway and TWO SETSCREWS

Size and List Price		BORE SIZES AVAILABLE WITH KEYWAY AND TWO SETSCREWS								Dimensions - Weights	
Catalog No.	List Price	1/2	5/8	3/4	7/8	1	1 1/8	1 3/16	1 1/4	Pitch Diameter	Approx. Weight
40FB 9SS		X	X							1.462	.1
40FB10SS		X	X	X						1.618	.2
40FB11SS		X	X	X	X					1.775	.2
40FB12SS		X	X	X	X	X				1.932	.3
40FB13SS		X	X	X	X	X				2.089	.4
40FB14SS			X	X	X	X				2.247	.5
40FB15SS			X	X	X	X	X	X	X	2.405	.6
40FB16SS			X	X	X	X	X	X	X	2.563	.7
40FB17SS			X	X	X	X	X	X	X	2.721	.8
40FB18SS				X	X	X	X	X	X	2.879	.9
40FB19SS				X	X	X	X	X	X	3.038	1.1
40FB20SS				X	X	X	X	X	X	3.196	1.3
40FB21SS				X	X	X	X	X	X	3.355	1.6
40FB22SS				X	X	X	X	X	X	3.513	1.6
40FB23SS				X	X	X	X	X	X	3.672	1.8
40FB24SS				X	X	X	X	X	X	3.831	1.8
40FB25SS				X	X	X	X	X	X	3.989	1.9
40FB26SS				X	X	X	X	X	X	4.148	2.0
40FB28SS				X	X	X	X	X	X	4.466	2.1
40FB30SS				X	X	X	X	X	X	4.783	2.3

50 FB  
Stainless



*Lin*

5/8" PITCH - SINGLE STRAND - **STAINLESS STEEL**

A.N.S.I. No. 50 - Type B Sprockets - Hub One Side  
Finished Bore

Complete With Any Bore Size Indicated - Standard Straight Keyway and **TWO SETSCREWS**

Size and List Price		BORE SIZES AVAILABLE WITH KEYWAY AND TWO SETSCREWS								Dimensions - Weights	
Catalog No.	List Price	5/8	3/4	7/8	1	1 1/8	1 3/16	1 1/4	1 3/8	Pitch Diameter	Approx. Weight
50FB 9SS		X	X							1.827	.2
50FB10SS		X	X	X	X					2.023	.4
50FB11SS		X	X	X	X					2.219	.5
50FB12SS		X	X	X	X	X				2.415	.6
50FB13SS			X	X	X	X	X	X		2.612	.7
50FB14SS			X	X	X	X	X	X		2.809	.9
50FB15SS			X	X	X	X	X	X	X	3.006	1.1
50FB16SS			X	X	X	X	X	X	X	3.204	1.3
50FB17SS			X	X	X	X	X	X	X	3.401	1.6
50FB18SS			X	X	X	X	X	X	X	3.599	1.8
50FB19SS					X	X	X	X	X	3.797	2.0
50FB20SS					X	X	X	X	X	3.995	2.1
50FB21SS					X	X	X	X	X	4.193	2.2
50FB22SS					X	X	X	X	X	4.392	2.4
50FB23SS					X	X	X	X	X	4.590	2.5
50FB24SS					X	X	X	X	X	4.788	2.7
50FB25SS					X	X	X	X	X	4.987	2.8
50FB26SS					X	X	X	X	X	5.185	2.9
50FB28SS					X	X	X	X	X	5.582	3.2

**METRIC STAINLESS STEEL**

Sprockets & Gears Available Made-To-Order



60 FB  
Stainless



3/4" PITCH - SINGLE STRAND - **STAINLESS STEEL**

A.N.S.I. No. 60 - Type B Sprockets - Hub One Side

Finished Bore

Complete With Any Bore Size Indicated - Standard Straight Keyway and **TWO SETSCREWS**

Size and List Price		BORE SIZES AVAILABLE WITH KEYWAY AND TWO SETSCREWS									Dimensions - Weights	
Catalog No.	List Price	3/4	7/8	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2	Pitch Diameter	Approx. Weight
60FB 9SS		X	X	X							2.193	.5
60FB10SS		X	X	X	X	X	X				2.427	.6
60FB11SS		X	X	X	X	X	X				2.662	.8
60FB12SS		X	X	X	X	X	X	X	X		2.898	1.2
60FB13SS			X	X	X	X	X	X	X	X	3.134	1.7
60FB14SS			X	X	X	X	X	X	X	X	3.371	1.8
60FB15SS			X	X	X	X	X	X	X	X	3.607	2.2
60FB16SS			X	X	X	X	X	X	X	X	3.844	2.4
60FB17SS				X	X	X	X	X	X	X	4.082	2.6
60FB18SS				X	X	X	X	X	X	X	4.319	2.7
60FB19SS				X	X	X	X	X	X	X	4.557	2.9
60FB20SS					X	X	X	X	X	X	4.794	3.1
60FB21SS					X	X	X	X	X	X	5.032	3.4
60FB22SS					X	X	X	X	X	X	5.270	3.7
60FB23SS						X	X	X	X	X	5.508	4.7
60FB24SS						X	X	X	X	X	5.746	4.9
60FB25SS						X	X	X	X	X	5.984	5.2
60FB26SS						X	X	X	X	X	6.222	5.5

Ask us about our  
**PRECISION CYLINDRICAL GRINDING**  
capabilities!

40 A  
Stainless



1/2" PITCH (.312 ROLL) - SINGLE STRAND - STAINLESS STEEL

A.N.S.I. No. 40 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
40A13SS				2.089	.500	.3
40A14SS				2.247	.500	.4
40A15SS				2.405	.500	.4
40A16SS				2.563	.500	.4
40A17SS				2.721	.625	.5
40A18SS				2.879	.625	.5
40A19SS				3.038	.625	.6
40A20SS				3.196	.625	.6
40A21SS				3.355	.625	.7
40A22SS		1	30.00	3.513	.625	.7
40A23SS		2 - 4	21.00	3.672	.625	.9
40A24SS		5 - 9	18.00	3.831	.625	.9
		10 - 24	16.50			
40A25SS				3.989	.625	1.0
40A26SS				4.148	.625	1.1
40A28SS				4.466	.625	1.2
40A30SS				4.783	.625	1.4
40A32SS				5.101	.625	1.6
40A35SS				5.578	.625	2.0
40A36SS				5.737	.625	2.1
40A40SS				6.373	.750	2.5
40A45SS				7.168	.750	3.2
40A48SS				7.645	.750	3.7
40A54SS		1	40.00			
		2 - 4	28.00	8.599	.750	4.6
40A60SS		5 - 9	24.00	9.555	.750	5.8
		10 - 24	22.00			

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical items plus \$2.50 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$.20 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.



5/8" PITCH - SINGLE STRAND - **STAINLESS STEEL**

A.N.S.I. No. 50 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
50A13SS				2.612	.625	.6
50A14SS				2.809	.625	.6
50A15SS				3.006	.625	.7
50A16SS				3.204	.625	.6
50A17SS				3.401	.625	.6
50A18SS				3.599	.625	.9
50A19SS				3.797	.625	1.1
50A20SS				3.995	.625	1.2
50A21SS				4.193	.750	1.3
50A22SS		1	30.00			
50A23SS		2 - 4	21.00	4.392	.750	1.5
50A24SS		5 - 9	18.00	4.590	.750	1.6
50A25SS		10 - 24	16.50	4.788	.750	1.6
50A26SS				4.987	.750	1.9
50A28SS				5.185	.750	2.0
50A30SS				5.582	.750	2.3
50A32SS				5.979	.750	2.7
50A35SS				6.376	.750	3.1
50A36SS				6.972	.750	3.7
50A40SS				7.171	.750	3.9
50A45SS				7.966	.750	4.9
50A48SS				8.960	1.000	6.2
50A54SS		1	40.00	9.556	1.000	7.0
50A60SS		2 - 4	28.00	10.749	1.000	8.8
		5 - 9	24.00	11.942	1.000	10
		10 - 24	22.00			

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical items plus \$2.50 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$.25 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

60 A  
Stainless




3/4" PITCH - SINGLE STRAND - **STAINLESS STEEL**

A.N.S.I. No. 60 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
60A13SS				3.134	.750	1.0
60A14SS				3.370	.750	1.2
60A15SS				3.607	.750	1.3
60A16SS				3.844	.750	1.5
60A17SS				4.082	.750	1.7
60A18SS				4.319	.750	1.8
60A19SS				4.557	.750	2.0
60A20SS		1	30.00	4.794	.750	2.2
60A21SS		2 - 4	21.00	5.032	.750	2.5
60A22SS		5 - 9	18.00	5.270	1.000	2.8
60A23SS		10 - 24	16.50	5.508	1.000	3.1
60A24SS				5.746	1.000	3.3
60A25SS				5.984	1.000	3.6
60A26SS				6.222	1.000	3.9
60A28SS				6.899	1.000	4.6
60A30SS				7.175	1.000	5.3
60A32SS				7.652	1.000	5.9
60A35SS				8.367	1.000	7.2
60A36SS				8.605	1.000	7.6
60A40SS		1	40.00	9.559	1.000	9.4
60A45SS		2 - 4	28.00	10.752	1.000	11
60A60SS		5 - 9	24.00	14.330	1.250	20
		10 - 24	22.00			

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical items plus \$3.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$.35 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.



1" PITCH - SINGLE STRAND - **STAINLESS STEEL**

A.N.S.I. No. 80 - Type A Sprockets - No Hub - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
80A12SS				3.864	1.000	1.9
80A13SS				4.179	1.000	2.2
80A14SS		1	30.00	4.494	1.000	2.6
		2 - 4	21.00			
80A15SS		5 - 9	18.00	4.810	1.000	3.0
80A16SS		10 - 24	16.50	5.126	1.000	3.3
80A17SS				5.442	1.000	3.7
80A18SS				5.759	1.000	4.2
80A19SS				6.076	1.000	4.7
80A20SS				6.392	1.000	5.1
80A21SS		1	40.00	6.710	1.000	5.7
80A22SS		2 - 4	28.00	7.027	1.000	6.2
		5 - 9	24.00			
80A23SS		10 - 24	22.00	7.344	1.000	6.8
80A24SS				7.661	1.000	7.4
80A25SS				7.979	1.000	8.0

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$30.00 divided by the number of identical items plus \$4.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$20.00 divided by the number of identical items plus \$.60 per tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**STAINLESS STEEL EXTENDED PITCH**  
Sprockets Available Made-To-Order

25 B  
Stainless



1/4" PITCH - SINGLE STRAND - **STAINLESS STEEL**

A.N.S.I. No. 25 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
25B 9SS						.731	.59R	.625	.250	.250	.03
25B10SS						.809	.67R	.625	.250	.312	.03
25B11SS						.887	.75R	.625	.250	.375	.04
25B12SS						.966	.82R	.625	.250	.437	.06
25B13SS						1.045	.90R	.625	.250	.500	.07
25B14SS						1.124	.84	.625	.250	.500	.08
25B15SS						1.203	.92	.625	.250	.562	.1
25B16SS						1.282	1.01	.625	.250	.625	.1
25B17SS						1.361	1.09	.625	.250	.750	.1
25B18SS						1.440	1.17	.625	.250	.750	.2
25B19SS						1.519	1.25	.625	.250	.875	.2
25B20SS						1.598	1.32	.625	.250	.875	.2
25B21SS		1	30.00	12.00	12.00	1.678	1.40	.625	.250	1.000	.3
25B22SS		2 - 4	21.00	8.40	8.40	1.757	1.48	.625	.250	1.000	.3
25B23SS		5 - 9	18.00	7.20	7.20	1.836	1.56	.625	.250	1.062	.3
25B24SS		10 - 24	16.50	6.60	6.60	1.915	1.62	.625	.375	1.125	.3
25B25SS						1.995	1.62	.625	.375	1.125	.3
25B26SS						2.074	1.62	.625	.375	1.125	.3
25B28SS						2.233	1.62	.625	.375	1.125	.4
25B30SS						2.392	1.75	.625	.375	1.250	.4
25B32SS						2.551	1.75	.625	.375	1.250	.4
25B35SS						2.789	1.75	.750	.375	1.250	.5
25B36SS						2.869	1.75	.750	.375	1.250	.5
25B40SS						3.187	2.00	.750	.500	1.375	.5
25B45SS						3.584	2.00	.750	.500	1.375	.6
25B60SS						4.777	2.00	.750	.500	1.375	1.1

Hub Diameters marked "R" are recessed for chain clearance.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets are Type 303 or 304 Stainless. Sprockets made from other grades of Stainless Steel or from Bronze can readily be supplied. Inquire for prices.



35 B  
Stainless

3/8" PITCH - SINGLE STRAND - **STAINLESS STEEL**

A.N.S.I. No. 35 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
35B 9SS						1.096	.87R	.750	.375	.375	.2
35B10SS						1.214	1.00R	.750	.375	.500	.2
35B11SS						1.331	1.10R	.750	.375	.625	.2
35B12SS						1.449	1.23R	.750	.500	.750	.3
35B13SS						1.567	1.34R	.750	.500	.875	.3
35B14SS						1.685	1.25	.750	.500	.875	.3
35B15SS						1.804	1.37	.750	.500	.875	.4
35B16SS						1.922	1.50	.750	.500	1.000	.4
35B17SS						2.041	1.62	.750	.500	1.125	.5
35B18SS						2.159	1.73	.750	.500	1.187	.5
35B19SS						2.278	1.85	.750	.500	1.312	.7
35B20SS						2.397	1.98	.875	.500	1.375	.8
35B21SS		1	30.00	12.00	12.00	2.516	2.09	.875	.500	1.375	.9
35B22SS		2 - 4	21.00	8.40	8.40	2.635	2.21	.875	.500	1.500	1.0
35B23SS		5 - 9	18.00	7.20	7.20	2.754	2.34	.875	.500	1.500	1.1
35B24SS		10 - 24	16.50	6.60	6.60	2.873	2.45	.875	.500	1.500	1.1
35B25SS						2.992	2.57	.875	.500	1.500	1.1
35B26SS						3.111	2.70	.875	.500	1.500	1.2
35B28SS						3.349	2.93	.875	.500	1.500	1.2
35B30SS						3.588	3.00	.875	.500	1.500	1.3
35B32SS						3.826	3.00	.875	.500	1.500	1.4
35B35SS						4.183	3.00	.875	.500	1.750	1.6
35B36SS						4.303	3.00	.875	.500	1.750	1.7
35B40SS						4.780	3.00	1.000	.500	1.750	1.8
35B45SS						5.376	3.00	1.000	.500	1.750	2.1
35B60SS						7.165	2.50	1.000	.625	1.750	2.9

Hub Diameters marked "R" are recessed for chain clearance.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets are Type 303 or 304 Stainless. Sprockets made from other grades of Stainless Steel or from Bronze can readily be supplied. Inquire for prices.

**41 B  
Stainless**



**1/2" PITCH (.306" ROLL) - SINGLE STRAND - STAINLESS STEEL**

**A.N.S.I. No. 41 - Type B Sprockets - Hub One Side - Mandrel Bore**

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
41B 9SS						1.462	1.14R	.875	.500	.625	.2
41B10SS						1.618	1.29R	.875	.500	.812	.2
41B11SS						1.775	1.45R	.875	.500	.875	.2
41B12SS						1.932	1.60R	.875	.500	1.062	.3
41B13SS		1	30.00	12.00	12.00	2.089	1.76R	.875	.500	1.187	.5
41B14SS		2 - 4	21.00	8.40	8.40	2.247	1.75	.875	.500	1.250	.6
41B15SS		5 - 9	18.00	7.20	7.20	2.405	1.92	.875	.500	1.312	.7
41B16SS		10 - 24	16.50	6.60	6.60	2.563	2.07	.875	.500	1.375	.8
41B17SS						2.721	2.23	.875	.625	1.500	.9
41B18SS						2.879	2.40	.875	.625	1.687	1.0
41B19SS						3.038	2.56	.875	.625	1.750	1.2
41B20SS						3.196	2.71	1.000	.625	1.750	1.3

Hub Diameters marked "R" are recessed for chain clearance.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets are Type 303 or 304 Stainless. Sprockets made from other grades of Stainless Steel or from Bronze can readily be supplied. Inquire for prices.

**HARDENED STAINLESS STEEL**  
**Sprockets & Gears Available Made-To-Order.**



40 B  
Stainless

1/2" PITCH (.312" ROLL) - SINGLE STRAND - **STAINLESS STEEL**

A.N.S.I. No. 40 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
40B 8SS						1.307	.98R	.875	.500	.500	.2
40B 9SS						1.462	1.14R	.875	.500	.625	.2
40B10SS						1.618	1.29R	.875	.500	.815	.2
40B11SS						1.775	1.45R	.875	.500	.875	.3
40B12SS						1.932	1.60R	.875	.500	1.062	.4
40B13SS						2.089	1.76R	.875	.500	1.187	.5
40B14SS						2.247	1.68	.875	.500	1.250	.6
40B15SS						2.405	1.85	.875	.500	1.312	.7
40B16SS						2.563	2.01	.875	.500	1.375	.8
40B17SS						2.721	2.17	.875	.625	1.500	.9
40B18SS						2.879	2.34	.875	.625	1.687	1.0
40B19SS						3.038	2.50	.875	.625	1.750	1.2
40B20SS		1	30.00	12.00	12.00	3.196	2.65	1.000	.625	1.750	1.4
40B21SS		2 - 4	21.00	8.40	8.40	3.355	2.81	1.000	.625	1.750	1.9
40B22SS		5 - 9	18.00	7.20	7.20	3.513	2.98	1.000	.625	1.750	2.0
40B23SS		10 - 24	16.50	6.60	6.60	3.672	3.14	1.000	.625	2.000	2.1
40B24SS						3.831	3.29	1.000	.625	2.000	2.1
40B25SS						3.989	3.00	1.000	.625	2.000	2.2
40B26SS						4.148	3.00	1.000	.625	2.000	2.3
40B28SS						4.466	3.00	1.000	.625	2.000	2.5
40B30SS						4.783	3.00	1.000	.625	2.000	2.6
40B32SS						5.101	3.00	1.000	.625	2.000	2.8
40B35SS						5.578	3.00	1.000	.625	2.000	3.2
40B36SS						5.737	3.00	1.000	.625	2.000	3.3
40B40SS						6.373	2.75	1.000	.750	1.750	3.8
40B45SS						7.168	2.75	1.000	.750	1.750	4.5
40B48SS						7.645	2.75	1.000	.750	1.750	4.9
40B54SS						8.599	2.75	1.000	.750	1.750	5.9
40B60SS						9.554	2.75	1.000	.750	1.750	7

Hub Diameters marked "R" are recessed for chain clearance.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets are Type 303 or 304 Stainless. Sprockets made from other grades of Stainless Steel or from Bronze can readily be supplied. Inquire for prices.

50 B  
Stainless



*Lin*

5/8" PITCH - SINGLE STRAND - **STAINLESS STEEL**

A.N.S.I. No. 50 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
50B 8SS						1.633	1.20R	1.000	.625	.625	.2
50B 9SS						1.827	1.40R	1.000	.625	.812	.3
50B10SS						2.023	1.60R	1.000	.625	.937	.5
50B11SS						2.219	1.81R	1.000	.625	1.187	.6
50B12SS		1	30.00	12.00	12.00	2.415	2.00R	1.000	.625	1.250	.7
50B13SS		2 - 4	21.00	8.40	8.40	2.612	1.93	1.000	.625	1.312	.8
50B14SS		5 - 9	18.00	7.20	7.20	2.809	2.14	1.000	.625	1.375	1.0
50B15SS		10 - 24	16.50	6.60	6.60	3.006	2.34	1.000	.625	1.562	1.2
50B16SS						3.204	2.53	1.000	.625	1.750	1.4
50B17SS						3.401	2.73	1.000	.625	1.750	1.7
50B18SS						3.599	2.93	1.000	.625	1.937	2.0
50B19SS						3.797	3.12	1.000	.625	2.125	2.2
50B20SS						3.995	3.32	1.000	.625	2.250	2.4
50B21SS						4.193	3.25	1.000	.625	2.250	2.8
50B22SS						4.392	3.25	1.000	.625	2.250	2.9
50B23SS						4.590	3.50	1.000	.625	2.250	3.0
50B24SS						4.788	3.50	1.000	.625	2.250	3.2
50B25SS						4.987	3.50	1.000	.750	2.250	3.4
50B26SS		1	40.00	16.00	16.00	5.185	3.50	1.000	.750	2.250	3.5
50B28SS		2 - 4	28.00	11.20	11.20	5.582	3.50	1.000	.750	2.250	3.8
		5 - 9	24.00	9.60	9.60						
50B30SS		10 - 24	22.00	8.80	8.80	5.979	3.50	1.250	.750	2.250	4.8
50B32SS						6.376	3.50	1.250	.750	2.250	5.1
50B35SS						6.972	3.25	1.250	.750	2.250	5.8
50B36SS						7.171	3.25	1.250	.750	2.250	5.9
50B40SS						7.966	3.25	1.250	.750	2.250	6.9
50B45SS						8.960	3.25	1.250	1.000	2.250	8.2
50B48SS						9.556	3.25	1.250	1.000	2.250	8.7
50B54SS						10.749	3.25	1.250	1.000	2.250	10
50B60SS						11.942	3.25	1.250	1.000	2.250	13

Hub Diameters marked "R" are recessed for chain clearance.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets are Type 303 or 304 Stainless. Sprockets made from other grades of Stainless Steel or from Bronze can readily be supplied. Inquire for prices.



60 B  
Stainless

3/4" PITCH - SINGLE STRAND - **STAINLESS STEEL**

A.N.S.I. No. 60 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
60B 8SS						1.960	1.46R	1.250	.625	.750	.5
60B 9SS						2.193	1.70R	1.250	.750	1.000	.6
60B10SS						2.427	1.93R	1.250	.750	1.187	.7
60B11SS						2.662	2.17R	1.250	.750	1.375	.9
60B12SS						2.898	2.40R	1.250	.750	1.500	1.3
60B13SS						3.134	2.31	1.250	.750	1.562	1.8
60B14SS						3.371	2.56	1.250	.750	1.750	2.0
60B15SS						3.607	2.79	1.250	.750	1.750	2.4
60B16SS		1	40.00	16.00	16.00	3.844	3.03	1.250	.750	2.000	2.8
60B17SS		2 - 4	28.00	11.20	11.20	4.082	3.28	1.250	.750	2.250	3.3
60B18SS		5 - 9	24.00	9.60	9.60	4.319	3.53	1.250	.750	2.250	3.8
60B19SS		10 - 24	22.00	8.80	8.80	4.557	3.76	1.250	.750	2.500	4.3
60B20SS						4.794	3.95	1.250	.750	2.750	4.5
60B21SS						5.032	4.00	1.250	.750	2.750	5.3
60B22SS						5.270	4.00	1.250	.750	2.750	5.6
60B23SS						5.508	4.00	1.250	.750	2.750	5.8
60B24SS						5.746	4.00	1.250	.750	2.750	6.1
60B25SS						5.984	4.00	1.250	1.000	2.750	6.3
60B26SS						6.222	3.50	1.250	1.000	2.250	6.4
60B28SS						6.699	3.50	1.250	1.000	2.250	6.6
60B30SS						7.175	3.50	1.250	1.000	2.250	7.3
60B32SS						7.652	3.50	1.250	1.000	2.250	8.0
60B35SS						8.367	3.75	1.250	1.000	2.500	9.5
60B36SS		1	50.00	20.00	20.00	8.605	3.75	1.250	1.000	2.500	9.9
60B40SS		2 - 4	35.00	14.00	14.00	9.559	3.75	1.250	1.000	2.500	12
60B45SS		5 - 9	30.00	12.00	12.00	10.752	3.75	1.250	1.000	2.500	14
60B60SS		10 - 24	28.00	11.00	11.00	14.330	3.75	1.500	1.250	2.500	23

Hub Diameters marked "R" are recessed for chain clearance.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets are Type 303 or 304 Stainless. Sprockets made from other grades of Stainless Steel or from Bronze can readily be supplied. Inquire for prices.

80 B  
Stainless



**1" PITCH - SINGLE STRAND - STAINLESS STEEL**

**A.N.S.I. No. 80 - Type B Sprockets - Hub One Side - Mandrel Bore**

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
80B10SS						3.236	2.59R	1.500	1.000	1.562	2.0
80B11SS		1	40.00	16.00	16.00	3.549	2.90R	1.500	1.000	1.812	2.6
80B12SS		2 - 4	28.00	11.20	11.20	3.864	2.78	1.500	1.000	1.812	3.0
		5 - 9	24.00	9.60	9.60						
80B13SS		10 - 24	22.00	8.80	8.80	4.179	3.10	1.500	1.000	2.125	3.6
80B14SS						4.494	3.43	1.500	1.000	2.250	4.4
80B15SS						4.810	3.78	1.500	1.000	2.500	5.2
80B16SS						5.126	4.09	1.500	1.000	2.750	6.2
80B17SS						5.442	4.00	1.500	1.000	2.750	6.9
80B18SS						5.759	4.00	1.500	1.000	2.750	7.4
		1	50.00	20.00	20.00						
80B19SS		2 - 4	35.00	14.00	14.00	6.076	4.00	1.500	1.000	2.750	7.9
80B20SS		5 - 9	30.00	12.00	12.00	6.392	4.00	1.500	1.000	2.750	8.3
80B21SS		10 - 24	28.00	11.00	11.00	6.710	4.00	1.500	1.000	2.750	9.2
80B22SS						7.027	4.00	1.500	1.000	2.750	9.7
80B23SS						7.344	4.00	1.500	1.000	2.750	10
80B24SS						7.661	4.00	1.500	1.000	2.750	11
80B25SS						7.979	4.00	1.500	1.000	2.750	12

Hub Diameters marked "R" are recessed for chain clearance.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets are Type 303 or 304 Stainless. Sprockets made from other grades of Stainless Steel or from Bronze can readily be supplied. Inquire for prices.

**METRIC STAINLESS STEEL**  
**Sprockets & Gears Available Made-To-Order**



100 B  
Stainless



1 1/4" PITCH - SINGLE STRAND - **STAINLESS STEEL**

A.N.S.I. No. 100 - Type B Sprockets - Hub One Side - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
100B11SS		1	40.00	16.00	16.00	4.437	3.07	1.750	1.000	2.000	4.5
100B12SS		2 - 4	28.00	11.20	11.20	4.830	3.48	1.750	1.250	2.250	5.5
100B13SS		5 - 9	24.00	9.60	9.60	5.223	3.89	1.750	1.250	2.625	6.8
		10 - 24	22.00	8.80	8.80						
100B14SS		1	50.00	20.00	20.00	5.617	4.29	1.750	1.250	2.750	8.2
100B15SS		2 - 4	35.00	14.00	14.00	6.012	4.25	1.750	1.250	2.750	9.0
100B16SS		5 - 9	30.00	12.00	12.00	6.407	4.25	1.750	1.250	2.750	10
100B17SS		10 - 24	28.00	11.00	11.00	6.803	4.25	1.750	1.250	2.750	11
100B18SS						7.198	4.25	1.750	1.250	2.750	12

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets are Type 303 or 304 Stainless. Sprockets made from other grades of Stainless Steel or from Bronze can readily be supplied. Inquire for prices.

With our **Studer CNC Cylindrical Grinder** we can provide the finest ground finishes and hold the tightest tolerances on the market.

**Precision Cylindrical Grinding Capabilities:**

Max. Center Distance ..... 40 inches  
 Max. Outside Diameter ..... 12.75 inches  
 Max. Weight Between Centers ..... 287 pounds  
 Max. Grinding Length ..... 20.5 inches\*  
 \*on each end of part

Any Surface Finish Desired  
 Tolerances to your Specifications  
 Concave and Convex Radius Grinding  
 Angle and Taper Grinding  
 Shoulder and Face Grinding  
 I.D. Grinding from .437 to 6 inches  
 Some Limitations Due to Part Geometry  
 Call or Fax for Details and Quote

Double-Single  
Taper-Lock®



**DOUBLE SPROCKETS FOR TWO SINGLE STRAND CHAINS - STEEL**

**A. N. S. I. No. 40 - 50 - 60 - 80 - 100 - Type A - No Hub - TAPER-LOCK® Bushed Sprockets  
Hardened Teeth On No. 40, 50 and 60 Sizes**

Sprockets on this page are for use with two single chains - one drive chain and one driven - as on Roll Case Drives. They will not operate with two chains connecting both sides of two sprockets or with double strand chain.

Size and List Price				Dimensions - Weights						
Catalog No.	Sprocket Only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	C to C of Sprockets	Length Thru Bore	Approximate Weights	
				Minimum	Maximum				Sprocket Only	Bushing Only
40DSTL18H			1215	.500	1.250	2.879	1.12	1.40	.9	.6
40DSTL19H			1215	.500	1.250	3.038	1.12	1.40	1.1	.6
40DSTL20H			1215	.500	1.250	3.196	1.12	1.40	1.3	.6
40DSTL21H			1615	.500	1.625	3.355	1.12	1.40	1.3	.8
40DSTL23H			1615	.500	1.625	3.672	1.12	1.40	2.0	.8
40DSTL24H			1615	.500	1.625	3.831	1.12	1.40	2.2	.8
50DSTL16H			1215	.500	1.250	3.204	1.31	1.65	1.8	.6
50DSTL17H			1615	.500	1.625	3.401	1.31	1.65	1.8	.8
50DSTL18H			1615	.500	1.625	3.599	1.31	1.65	2.2	.8
50DSTL19H			1615	.500	1.625	3.797	1.31	1.65	2.7	.8
50DSTL20H			1615	.500	1.625	3.995	1.31	1.65	2.9	.8
50DSTL21H			1615	.500	1.625	4.193	1.31	1.65	3.0	.8
50DSTL23H			2012	.500	2.000	4.590	1.31	1.65	3.2	1.2
50DSTL24H			2012	.500	2.000	4.788	1.31	1.65	3.5	1.2
60DSTL16H			1615	.500	1.625	3.844	1.50	1.93	3.7	.8
60DSTL17H			1615	.500	1.625	4.082	1.50	1.93	4.5	.8
60DSTL18H			2012	.500	2.000	4.319	1.50	1.93	5.0	1.2
60DSTL19H			2012	.500	2.000	4.557	1.50	1.93	5.8	1.2
60DSTL20H			2012	.500	2.000	4.794	1.50	1.93	5.6	1.2
60DSTL21H			2012	.500	2.000	5.032	1.50	1.93	6.4	1.2
80DSTL23H			2517	.500	2.500	5.508	1.50	1.93	7.1	2.4
80DSTL24H			2517	.500	2.500	5.746	1.50	1.93	7.5	2.4



Double-Single  
Taper-Lock®



**DOUBLE SPROCKETS FOR TWO SINGLE STRAND CHAINS - STEEL**

**A. N. S. I. No. 40 - 50 - 60 - 80 - 100 - Type A - No Hub - TAPER-LOCK® Bushed Sprockets  
Hardened Teeth On No. 40, 50 and 60 Sizes**

Sprockets on this page are for use with two single chains - one drive chain and one driven - as on Roll Case Drives. They will not operate with two chains connecting both sides of two sprockets or with double strand chain.

Catalog No.	Size and List Price				Dimensions - Weights						
	Sprocket Only	Hardened Sprocket Only	Bushings Only	Bushings Size	Bushings Bores		Pitch Dis.	C to C of Spkts.	Length Thru Bore	Approx. Wts.	
					Min.	Max.				Spkt. Only	Bush. Only
80DSTL18(H)				2517	.500	2.500	5.759	1.62	2.18	8.7	2.4
80DSTL19(H)				2517	.500	2.500	6.076	1.62	2.18	9.7	2.4
80DSTL20(H)				2517	.500	2.500	6.392	1.62	2.18	10	2.4
80DSTL21(H)				2517	.500	2.500	6.710	1.62	2.18	12	2.4
80DSTL23(H)				3020	.875	3.000	7.344	1.62	2.18	14	4.5
100DSTL15(H)				2525	.750	2.500	6.012	2.00	2.68	12	3.3
100DSTL16(H)				2525	.750	2.500	6.407	2.00	2.68	13	3.3
100DSTL17(H)				2525	.750	2.500	6.803	2.00	2.68	14	3.3
100DSTL18(H)				2525	.750	2.500	7.198	2.00	2.68	16	3.3
100DSTL19(H)				3020	.875	3.000	7.594	2.00	2.68	18	4.5
100DSTL21(H)				3020	.875	3.000	8.387	2.00	2.68	20	4.5



**CHECK OUT THE NEW**  
**DOUBLE-SINGLE READY SPROCKETS**  
**ON PAGES 21 THROUGH 25**

Double - Single



**DOUBLE SPROCKETS FOR TWO SINGLE CHAINS - STEEL**

**A. N. S. I. No. 40 - 50 - 60 - 80 - Type A - No Hub - Mandrel Bore**

**Hardened Teeth on All No. 40, Through 20 Teeth on No. 50, 19 Teeth on No.60 and 15 Teeth on No. 80**

Sprockets on this page are for use with two single chains - one drive chain and one driven - as on Roll Case Drives. They will not operate with two chains connecting both sides of two sprockets or with double strand chain.

Size and List Price		Alteration Charges - List Price				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	C to C of Sprocket	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
40DSA15H						2.405	1.12	1.40	.500	1.312	1.1
40DSA16H						2.563	1.12	1.40	.500	1.375	1.3
40DSA17H						2.721	1.12	1.40	.625	1.500	1.5
40DSA18H						2.879	1.12	1.40	.625	1.667	1.7
40DSA19H						3.038	1.12	1.40	.625	1.750	1.9
40DSA20H						3.196	1.12	1.40	.625	1.750	2.1
40DSA21H						3.355	1.12	1.40	.625	1.875	2.4
40DSA22H						3.513	1.12	1.40	.625	2.000	3.1
40DSA23H						3.672	1.12	1.40	.625	2.125	3.4
40DSA24H		1	30.00	12.00	12.00	3.831	1.12	1.40	.625	2.250	3.7
40DSA25H		2 - 4	21.00	8.40	8.40	3.989	1.12	1.40	.625	2.250	4.1
		5 - 9	18.00	7.20	7.20						
		10 - 24	16.50	6.60	6.60						
50DSA15H						3.006	1.31	1.65	.625	1.562	2.5
50DSA16H						3.204	1.31	1.65	.625	1.750	2.9
50DSA17H						3.401	1.31	1.65	.625	1.750	3.3
50DSA18H						3.599	1.31	1.65	.625	1.937	3.8
50DSA19H						3.797	1.31	1.65	.625	2.125	4.2
50DSA20H						3.995	1.31	1.65	.625	2.250	4.8
50DSA21						4.193	1.31	1.65	.750	1.750	4.4
50DSA22						4.392	1.31	1.65	.750	1.750	4.8
50DSA23						4.590	1.31	1.65	.750	1.750	5.0
50DSA24						4.788	1.31	1.65	.750	1.750	5.4
60DSA13H						3.134	1.50	1.93	.750	1.562	2.2
60DSA14H						3.370	1.50	1.93	.750	1.750	3.7
60DSA15H						3.607	1.50	1.93	.750	1.750	4.4
60DSA16H						3.844	1.50	1.93	.750	2.000	4.8
60DSA17H		1	40.00	16.00	16.00	4.082	1.50	1.93	.750	2.250	5.7
60DSA18H		2 - 4	28.00	11.20	11.20	4.319	1.50	1.93	.750	2.250	6.6
60DSA19H		5 - 9	24.00	9.60	9.60	4.557	1.50	1.93	.750	2.500	7.4
60DSA20		10 - 24	22.00	8.80	8.80	4.794	1.50	1.93	.750	2.250	7.2
60DSA21						5.032	1.50	1.93	.750	2.250	7.8
60DSA22						5.270	1.50	1.93	1.000	2.250	8.4
60DSA23						5.508	1.50	1.93	1.000	2.250	9.0
80DSA13H						4.179	1.62	2.18	*1.000	2.125	6.6
80DSA14H						4.494	1.62	2.18	*1.000	2.250	7.8
80DSA15H						4.810	1.62	2.18	*1.000	2.500	8.9
80DSA16		1	50.00	20.00	20.00	5.126	1.62	2.18	1.000	2.250	9.4
80DSA17		2 - 4	35.00	14.00	14.00	5.442	1.62	2.18	1.000	2.750	11.0
		5 - 9	30.00	12.00	12.00						
		10 - 24	28.00	11.00	11.00						
80DSA18						5.759	1.62	2.18	1.000	2.750	12.0
80DSA19						6.076	1.62	2.18	1.000	2.750	13.0
80DSA20						6.392	1.62	2.18	1.000	2.750	14.0
80DSA21						6.710	1.62	2.18	1.000	2.750	15.0
80DSA22						7.027	1.62	2.18	1.000	2.750	16.0

\*Listed stock bores are nominal and sprockets must be re-bored except those marked with \*

**HARDENING** - See next page for 50, 60, and 80 hardening chages.



**DOUBLE SPROCKETS FOR TWO SINGLE CHAINS - STEEL**

**A. N. S. I. No. 100 - 120 - 140 - 160 - Type A - No Hub - Mandrel Bore  
Hardened Teeth on No.100 Through 14 Teeth**

Sprockets on this page are for use with two single chains - one drive chain and one driven - as on Roll Case Drives. They will not operate with two chains connecting both sides of two sprockets or with double strand chain.

Size and List Price		Alteration Charges-List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	C to C of Sprocket	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
100DSA13H						5.223	2.00	2.68	*1.250	2.625	12
100DSA14H						5.617	2.00	2.68	*1.250	2.750	14
100DSA15						6.012	2.00	2.68	1.250	2.750	16
100DSA16		1	60.00	24.00	24.00	6.407	2.00	2.68	1.250	2.750	17
		2 - 4	42.00	16.80	16.80						
100DSA17		5 - 9	36.00	14.40	14.40	6.803	2.00	2.68	1.250	2.750	19
100DSA18		10 - 24	33.00	13.20	13.20	7.196	2.00	2.68	1.250	3.000	21
100DSA19						7.594	2.00	2.68	1.250	3.000	23
100DSA20						7.991	2.00	2.68	1.250	3.000	25
100DSA21						8.387	2.00	2.68	1.250	3.000	27
120DSA15						7.215	2.31	3.18	1.437	3.375	29
120DSA16						7.689	2.31	3.18	1.437	3.375	32
120DSA17						8.163	2.31	3.18	1.437	3.375	35
120DSA18						8.638	2.31	3.18	1.437	3.375	38
120DSA19		1	80.00	32.00	32.00	9.113	2.31	3.18	1.437	3.375	41
120DSA20		2 - 4	56.00	22.40	22.40	9.589	2.31	3.18	1.437	3.375	45
		5 - 9	48.00	19.20	19.20						
140DSA14		10 - 24	44.00	17.60	17.60	7.864	2.50	3.37	1.437	3.750	35
140DSA15						8.417	2.50	3.37	1.437	3.750	39
140DSA16						8.970	2.50	3.37	1.437	3.750	43
140DSA17						9.524	2.50	3.37	1.437	3.750	47
140DSA18						10.078	2.50	3.37	1.437	3.750	51
160DSA15		1	100.00	40.00	40.00	9.620	3.00	4.12	1.687	4.500	64
160DSA16		2 - 4	70.00	28.00	28.00	10.252	3.00	4.12	1.687	4.500	71
160DSA17		5 - 9	60.00	24.00	24.00	10.885	3.00	4.12	1.687	4.500	77
160DSA18		10 - 24	55.00	22.00	22.00	11.518	3.00	4.12	1.687	4.500	84

\*Listed Stock bores are nominal and sprockets must be re-bored except those marked with \*.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Double-single sprockets with hubs on one or both sides, more or less teeth or compound sprockets quoted on request.

**HARDENING:** For sizes not listed above as hardened the following hardening charges apply.

Preparation charge
Per strand tooth charge

Hardening Price Calculation: Sprocket List Price  
Preparation Charge divided by the number of identical parts  
+ (Per Strand Tooth Charge x No. of teeth x No. of strands)





3/8" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 35-2 - TAPER-LOCK® Bushed Sprockets  
Hardened Through 26 Teeth

Catalog No.	Size and List Price		Bushing Size	Dimensions - Weights						
	Sprocket Only	Bushing Only		Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Weights	
				Minimum	Maximum				Sprocket Only	Bushing Only
35-2TLB19H			1008	.500	1.000	2.278	B	.87	.7	.2
35-2TLB20H			1008	.500	1.000	2.397	B	.87	.9	.2
35-2TLB21H			1008	.500	1.000	2.516	B	.87	1.5	.2
35-2TLB22H			1008	.500	1.000	2.635	B	.87	1.8	.2
35-2TLB23H			1210	.500	1.250	2.754	B	1.00	1.9	.5
35-2TLB24H			1210	.500	1.250	2.873	B	1.00	2.0	.5
35-2TLB25H			1210	.500	1.250	2.992	B	1.00	2.0	.5
35-2TLB26H			1210	.500	1.250	3.111	B	1.00	2.1	.5
35-2TLB28			1610	.500	1.625	3.349	B	1.00	2.1	.7
35-2TLB30			1610	.500	1.625	3.588	B	1.00	2.1	.7
35-2TLB32			1610	.500	1.625	3.826	B	1.00	2.2	.7
35-2TLB35			1610	.500	1.625	4.183	B	1.00	2.5	.7
35-2TLB36			1610	.500	1.625	4.303	B	1.00	2.5	.7
35-2TLB40			1610	.500	1.625	4.780	B	1.00	2.6	.7
35-2TLB45			1610	.500	1.625	5.376	B	1.00	3.0	.7
35-2TLB48			1610	.500	1.625	5.734	B	1.00	3.3	.7
35-2TLB54			1610	.500	1.625	6.449	B	1.00	4.6	.7
35-2TLB60			1610	.500	1.625	7.165	B	1.00	6.1	.7
35-2TLB70			1615	.500	1.625	8.358	B	1.50	8	.8
35-2TLB72			1615	.500	1.625	8.597	B	1.50	9	.8
35-2TLB80			1615	.500	1.625	9.552	B	1.50	11	.8
35-2TLB84			1615	.500	1.625	10.029	B	1.50	12	.8
35-2TLB96			1615	.500	1.625	11.461	B	1.50	16	.8
35-2TLB112			1615	.500	1.625	13.371	B	1.50	23	.8

Type B Sprockets have hub projection one side only. Large end of bore is on side opposite hub.

**HARDENING** - Over 26 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.30 per strand tooth to the list price.



1/2" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 40-2 - TAPER-LOCK® Bushed Sprockets  
Hardened Through 26 Teeth

Catalog No.	Size and List Price			Dimensions - Weights						
	Sprocket Only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Sprocket Only	Weights Bushing Only
				Minimum	Maximum					
40-2TLA15H			1008	.500	1.000	2.405	A	.87	.5	.2
40-2TLA16H			1008	.500	1.000	2.563	A	.87	.6	.2
40-2TLA17H			1008	.500	1.000	2.721	A	.87	.9	.2
40-2TLB18H			1210	.500	1.250	2.879	B	1.00	.7	.5
40-2TLB19H			1210	.500	1.250	3.038	B	1.00	.9	.5
40-2TLB20H			1610	.500	1.625	3.196	B	1.00	1.1	.7
40-2TLB21H			1610	.500	1.625	3.355	B	1.00	1.2	.7
40-2TLB22H			1610	.500	1.625	3.513	B	1.00	1.4	.7
40-2TLB23H			1610	.500	1.625	3.672	B	1.00	1.5	.7
40-2TLB24H			1610	.500	1.625	3.831	B	1.00	1.6	.7
40-2TLB25H			2012	.500	2.000	3.989	B	1.25	1.4	1.2
40-2TLB26H			2012	.500	2.000	4.148	B	1.25	1.7	1.2
40-2TLB28			2012	.500	2.000	4.466	B	1.25	2.6	1.2
40-2TLB30			2012	.500	2.000	4.783	B	1.25	3.2	1.2
40-2TLB32			2012	.500	2.000	5.101	B	1.25	4.0	1.2
40-2TLB35			2012	.500	2.000	5.578	B	1.25	5.2	1.2
40-2TLB36			2012	.500	2.000	5.737	B	1.25	5.6	1.2
40-2TLB40			2517	.500	2.500	6.373	B	1.75	6.8	2.4
40-2TLB45			2517	.500	2.500	7.168	B	1.75	9	2.4
40-2TLB48			2517	.500	2.500	7.645	B	1.75	10	2.4
40-2TLB54			2517	.500	2.500	8.599	B	1.75	12	2.4
40-2TLB60			2517	.500	2.500	9.554	B	1.75	16	2.4
40-2TLB70			2517	.500	2.500	11.145	B	1.75	22	2.4
40-2TLB72			2517	.500	2.500	11.463	B	1.75	23	2.4
40-2TLB80			2517	.500	2.500	12.736	B	1.75	29	2.4
40-2TLB84			2517	.500	2.500	13.372	B	1.75	32	2.4
40-2TLB96			2517	.500	2.500	15.282	B	1.75	47	2.4

Type B Sprockets have hub projection one side only. Large end of bore is on side opposite hub.

Type A have no hub projection.

**HARDENING** - Over 26 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.40 per strand tooth to the list price.

50 - 2 Taper-Lock®



5/8" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 50-2 - TAPER-LOCK® Bushed Sprockets  
Hardened Through 26 Teeth

Catalog No.	Size and List Price			Dimensions - Weights						
	Sprocket Only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Weights	
				Minimum	Maximum				Sprocket Only	Bushing Only
50-2TLA14H			1008	.500	1.000	2.809	A	1.04	1.0	.2
50-2TLA15H			1210	.500	1.250	3.006	A	1.04	.9	.5
50-2TLA16H			1210	.500	1.250	3.204	A	1.04	1.2	.5
50-2TLA17H			1610	.500	1.625	3.401	A	1.04	1.1	.7
50-2TLA18H			1610	.500	1.625	3.599	A	1.04	1.3	.7
50-2TLA19H			1610	.500	1.625	3.797	A	1.04	1.6	.7
50-2TLB20H			2012	.500	2.000	3.995	B	1.25	1.2	1.2
50-2TLB21H			2012	.500	2.000	4.193	B	1.25	1.6	1.2
50-2TLB22H			2012	.500	2.000	4.392	B	1.25	2.1	1.2
50-2TLB23H			2012	.500	2.000	4.590	B	1.25	2.6	1.2
50-2TLB24H			2012	.500	2.000	4.788	B	1.25	3.1	1.2
50-2TLB25H			2012	.500	2.000	4.987	B	1.25	3.5	1.2
50-2TLB26H			2012	.500	2.000	5.185	B	1.25	4.2	1.2
50-2TLB28			2012	.500	2.000	5.582	B	1.25	5.3	1.2
50-2TLB30			2517	.500	2.500	5.979	B	1.75	6.7	2.4
50-2TLB32			2517	.500	2.500	6.376	B	1.75	7	2.4
50-2TLB35			2517	.500	2.500	6.972	B	1.75	9	2.4
50-2TLB36			2517	.500	2.500	7.171	B	1.75	10	2.4
50-2TLB40			2517	.500	2.500	7.966	B	1.75	12	2.4
50-2TLB45			2517	.500	2.500	8.960	B	1.75	16	2.4
50-2TLB48			2517	.500	2.500	9.556	B	1.75	19	2.4
50-2TLB54			2517	.500	2.500	10.749	B	1.75	25	2.4
50-2TLB60			2517	.500	2.500	11.942	B	1.75	31	2.4
50-2TLB70			2517	.500	2.500	13.931	B	1.75	43	2.4
50-2TLB72			2517	.500	2.500	14.328	B	1.75	45	2.4
50-2TLB80			2517	.500	2.500	15.920	B	1.75	61	2.4
50-2TLB84			2517	.500	2.500	16.715	B	1.75	67	2.4
50-2TLB96			2517	.500	2.500	19.102	B	1.75	87	2.4

Type B Sprockets have hub projection one side only. Large end of bore is on side opposite hub.

Type A have no hub projection.

**HARDENING** - Over 26 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.45 per strand tooth to the list price.



3/4" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 60-2 - TAPER-LOCK® Bushed Sprockets  
Hardened Through 26 Teeth

Catalog No.	Size and List Price			Dimensions - Weights						
	Sprocket Only	Bushing Only	Bushing Size	Bushing Bores		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Weights	
				Minimum	Maximum				Sprocket Only	Bushing Only
60-2TLB13H			1215	.500	1.250	3.134	B	1.50	1.3	.6
60-2TLB14H			1215	.500	1.250	3.370	B	1.50	1.7	.6
60-2TLB15H			1615	.500	1.625	3.607	B	1.50	1.5	.8
60-2TLB16H			1615	.500	1.625	3.844	B	1.50	2.0	.8
60-2TLB17H			1615	.500	1.625	4.082	B	1.50	2.5	.8
60-2TLA18H			2012	.500	2.000	4.319	A	1.34	2.4	1.2
60-2TLA19H			2012	.500	2.000	4.557	A	1.34	2.6	1.2
60-2TLB20H			2517	.500	2.500	4.794	B	1.75	2.1	2.4
60-2TLB21H			2517	.500	2.500	5.032	B	1.75	2.9	2.4
60-2TLB22H			2517	.500	2.500	5.270	B	1.75	3.8	2.4
60-2TLB23H			2517	.500	2.500	5.508	B	1.75	4.7	2.4
60-2TLB24H			2517	.500	2.500	5.746	B	1.75	5.6	2.4
60-2TLB25H			2517	.500	2.500	5.984	B	1.75	6.6	2.4
60-2TLB26H			2517	.500	2.500	6.222	B	1.75	7.7	2.4
60-2TLB28			2517	.500	2.500	6.699	B	1.75	10	2.4
60-2TLB30			2517	.500	2.500	7.175	B	1.75	12	2.4
60-2TLB32			2517	.500	2.500	7.652	B	1.75	14	2.4
60-2TLB35			2517	.500	2.500	8.367	B	1.75	18	2.4
60-2TLB36			2517	.500	2.500	8.605	B	1.75	19	2.4
60-2TLB40			2517	.500	2.500	9.559	B	1.75	25	2.4
60-2TLB45			2517	.500	2.500	10.752	B	1.75	31	2.4
60-2TLB48			2517	.500	2.500	11.467	B	1.75	37	2.4
60-2TLB54			2517	.500	2.500	12.899	B	1.75	49	2.4
60-2TLB60			2517	.500	2.500	14.330	B	1.75	60	2.4
60-2TLB70			3020	.875	3.000	16.717	B	2.00	77	4.5
60-2TLB72			3020	.875	3.000	17.194	B	2.00	83	4.5
60-2TLC80			3030	.937	3.000	19.104	C	3.00	49	6
60-2TLC84			3030	.937	3.000	20.058	C	3.00	57	6
60-2TLC96			3030	.937	3.000	22.922	C	3.00	72	6

Type B Sprockets have hub projection one side only. Large end of bore is on side opposite hub.

Type A have no hub projection. Type C have equal projection each side.

**HARDENING** - Over 26 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.70 per strand tooth to the list price.

80 - 2 Taper-Lock®



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1" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 80-2 - TAPER-LOCK® Bushed Sprockets  
Hardened Through 26 Teeth

Catalog No.	Size and List Price			Dimensions - Weights						
	Sprocket Only	Bushing Only	Bushing Size	Bushing Bore		Pitch Diameter	Hub Type	Length Thru Bore	Approximate Weights	
				Minimum	Maximum				Sprocket Only	Bushing Only
80-2TLA13H			1615	.500	1.625	4.179	A	1.75	2.9	.8
80-2TLA14H			2012	.500	2.000	4.494	A	1.75	2.8	1.2
80-2TLA15H			2012	.500	2.000	4.810	A	1.75	3.8	1.2
80-2TLA16H			2517	.500	2.500	5.126	A	1.75	3.1	2.4
80-2TLA17H			2517	.500	2.500	5.442	A	1.75	4.1	2.4
80-2TLA18H			2517	.500	2.500	5.759	A	1.75	5.4	2.4
80-2TLB19H			3020	.875	3.000	6.076	B	2.00	3.7	4.5
80-2TLB20H			3020	.875	3.000	6.392	B	2.00	5	4.5
80-2TLB21H			3020	.875	3.000	6.710	B	2.00	7	4.5
80-2TLB22H			3020	.875	3.000	7.027	B	2.00	9	4.5
80-2TLB23H			3020	.875	3.000	7.344	B	2.00	11	4.5
80-2TLB24H			3020	.875	3.000	7.661	B	2.00	13	4.5
80-2TLB25H			3020	.875	3.000	7.979	B	2.00	15	4.5
80-2TLB26H			3020	.875	3.000	8.296	B	2.00	22	4.5
80-2TLB28			3020	.875	3.000	8.931	B	2.00	23	4.5
80-2TLB30			3020	.875	3.000	9.567	B	2.00	28	4.5
80-2TLB32			3020	.875	3.000	10.202	B	2.00	33	4.5
80-2TLB35			3020	.875	3.000	11.156	B	2.00	40	4.5
80-2TLB36			3020	.875	3.000	11.474	B	2.00	43	4.5
80-2TLB40			3020	.875	3.000	12.745	B	2.00	54	4.5
80-2TLB45			3020	.875	3.000	14.336	B	2.00	71	4.5
80-2TLB48			3020	.875	3.000	15.290	B	2.00	80	4.5
80-2TLC54			3030	.937	3.000	17.198	C	3.00	51	6
80-2TLC60			3030	.937	3.000	19.107	C	3.00	63	6
80-2TLC70			3030	.937	3.000	22.289	C	3.00	88	6
80-2TLC72			3030	.937	3.000	22.926	C	3.00	94	6
80-2TLC80			3030	.937	3.000	25.471	C	3.00	106	6
80-2TLC84			3030	.937	3.000	26.744	C	3.00	115	6
80-2TLC96			3030	.937	3.000	30.563	C	3.00	152	6

Type B Sprockets have hub projection one side only. Large end of bore is on side opposite hub.

Type A have no hub projection. Type C have equal projection each side through 72 teeth. Larger sizes are offset 2" x 1" from centerline with large end of bore on side with short hub projection.

**HARDENING** - Over 26 teeth, add preparation charge of \$20.00 divided by the number of identical items plus \$.90 per strand tooth to the list price.



3/8" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 35-2 - Type B Sprockets - Hub One Side - Mandrel Bore  
Hardened Through 26 teeth

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
35-2B13H						1.567	1.34R	1.25	.500	.875	.3
35-2B14H						1.685	1.25	1.25	.500	.875	.4
35-2B15H						1.804	1.37	1.25	.500	.875	.5
35-2B16H						1.922	1.50	1.25	.500	1.000	.6
35-2B17H						2.041	1.62	1.25	.500	1.125	.7
35-2B18H						2.159	1.73	1.25	.500	1.187	.8
35-2B19H						2.278	1.85	1.25	.500	1.312	1.0
35-2B20H						2.397	1.98	1.37	.625	1.375	1.2
35-2B21H		1	25.00	10.00	10.00	2.516	2.09	1.37	.625	1.375	1.3
35-2B22H		2 - 4	17.50	7.00	7.00	2.635	2.21	1.37	.625	1.500	1.6
35-2B23H		5 - 9	15.00	6.00	6.00	2.754	2.34	1.37	.625	1.562	1.7
35-2B24H		10 - 24	13.80	5.50	5.50	2.873	2.45	1.37	.625	1.687	1.8
35-2B25H						2.992	2.57	1.37	.625	1.750	2.1
35-2B26H						3.111	2.70	1.37	.625	1.750	2.3
35-2B28						3.349	2.93	1.37	.625	1.937	2.6
35-2B30						3.588	3.18	1.37	.625	2.187	2.8
35-2B32						3.826	3.43	1.37	.625	2.250	3.2
35-2B35						4.183	3.79	1.37	.625	2.500	3.4
35-2B36						4.303	3.92	1.37	.625	2.687	3.6
35-2B40						4.780	3.50	1.37	1.000	2.250	4.6
35-2B45						5.376	3.50	1.37	1.000	2.250	5.3
35-2B48		1	30.00	12.00	12.00	5.734	3.50	1.37	1.000	2.250	5.8
35-2B54		2 - 4	21.00	8.40	8.40	6.449	3.50	1.62	1.000	2.250	7.1
35-2B60		5 - 9	18.00	7.20	7.20	7.165	3.50	1.62	1.000	2.250	8.6
35-2B70		10 - 24	16.50	6.60	6.60	8.358	3.50	1.62	1.000	2.250	10
35-2B72						8.597	3.50	1.62	1.000	2.250	11
35-2B80						9.552	3.50	1.62	1.000	2.250	13
35-2B84		1	40.00	16.00	16.00	10.029	3.75	1.62	1.000	2.500	14
35-2B96		2 - 4	28.00	11.20	11.20	11.461	3.75	1.62	1.000	2.500	18
35-2B112		5 - 9	24.00	9.60	9.60	13.371	3.75	1.62	1.000	2.500	25
35-2B120		10 - 24	22.00	8.80	8.80	14.326	3.75	1.62	1.000	2.500	28

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Hub diameters marked "R" are recessed for chain clearance.

**HARDENING** - Over 26 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.30 per strand tooth to the list price.



1/2" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 40-2 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
40-2B11H						1.775	1.45R	1.50	.500	.875	.5
40-2B12H						1.932	1.60R	1.50	.500	1.062	.7
40-2B13H						2.089	1.76R	1.50	.500	1.187	.8
40-2B14H						2.247	1.68	1.50	.625	1.250	1.1
40-2B15H						2.405	1.85	1.50	.625	1.312	1.3
40-2B16H						2.563	2.01	1.50	.625	1.375	1.4
40-2B17H						2.721	2.17	1.50	.625	1.500	1.6
40-2B18H						2.879	2.34	1.50	.625	1.687	1.8
40-2B19H		1	30.00	12.00	12.00	3.038	2.50	1.50	.625	1.750	2.1
40-2B20H		2 - 4	21.00	8.40	8.40	3.196	2.65	1.62	.750	1.750	2.6
40-2B21H		5 - 9	18.00	7.20	7.20	3.355	2.81	1.62	.750	1.875	3.0
40-2B22H		10 - 24	16.50	6.60	6.60	3.513	2.98	1.62	.750	2.000	3.3
40-2B23H						3.672	3.14	1.62	.750	2.125	3.8
40-2B24H						3.831	3.29	1.62	.750	2.250	4.1
40-2B25H						3.989	3.45	1.62	.750	2.250	4.5
40-2B26H						4.148	3.60	1.62	.750	2.375	4.9
40-2B28						4.466	3.93	1.62	.750	2.687	5.7
40-2B30						4.783	3.75	1.90	1.000	2.500	6.4
40-2B32						5.101	3.75	1.90	1.000	2.500	6.9
40-2B35						5.578	3.75	1.90	1.000	2.500	7.8
40-2B36						5.737	3.75	1.90	1.000	2.500	8.2
40-2B40						6.373	3.75	1.90	1.000	2.500	9.8
40-2B45						7.166	3.75	1.90	1.000	2.500	12
40-2B48						7.645	3.75	1.90	1.000	2.500	13
40-2B54		1	40.00	16.00	16.00	8.599	3.75	1.90	1.000	2.500	15
40-2B60		2 - 4	28.00	11.20	11.20	9.554	3.75	1.90	1.000	2.500	19
40-2B70		5 - 9	24.00	9.60	9.60	11.145	4.25	2.15	1.250	2.750	25
40-2B72		10 - 24	22.00	8.80	8.80	11.463	4.25	2.15	1.250	2.750	26
40-2B80						12.736	4.25	2.15	1.250	2.750	32
40-2B84						13.372	4.25	2.15	1.250	2.750	35

Type C - Equal Hub Both Sides - Steel

40-2C96	1	50.00	20.00	20.00	15.282	4.25	3.21	1.250	2.750	50
40-2C112	2 - 4	35.00	14.00	14.00	17.828	4.25	3.21	1.250	2.750	65
	5 - 9	30.00	12.00	12.00						

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Hub diameters marked "R" are recessed for chain clearance.

**HARDENING** - Over 26 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.40 per strand tooth to the list price.



5/8" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 50-2 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
50-2B11H						2.219	1.81R	1.87	.625	1.187	1.0
50-2B12H						2.415	2.00R	1.87	.625	1.250	1.3
50-2B13H						2.612	1.93	1.75	.625	1.312	1.6
50-2B14H						2.809	2.14	1.75	.750	1.375	1.9
50-2B15H						3.006	2.34	1.75	.750	1.562	2.3
50-2B16H						3.204	2.53	1.75	.750	1.750	2.7
50-2B17H						3.401	2.73	1.75	.750	1.750	3.1
50-2B18H						3.599	2.93	1.75	.750	1.937	3.6
50-2B19H		1	30.00	12.00	12.00	3.797	3.12	1.75	.750	2.125	4.1
50-2B20H		2 - 4	21.00	8.40	8.40	3.995	3.32	1.87	1.000	2.250	4.8
50-2B21H		5 - 9	18.00	7.20	7.20	4.193	3.53	1.87	1.000	2.250	5.5
50-2B22H		10 - 24	16.50	6.60	6.60	4.392	3.73	1.87	1.000	2.500	6.1
50-2B23H						4.590	3.93	1.87	1.000	2.687	6.8
50-2B24H						4.788	4.14	1.87	1.000	2.750	7.3
50-2B25H						4.987	4.34	1.87	1.000	2.875	7.8
50-2B26H						5.185	4.00	2.12	1.000	2.750	8.8
50-2B28						5.582	4.00	2.12	1.000	2.750	9.8
50-2B30						5.979	4.00	2.12	1.000	2.750	10
50-2B32						6.376	4.00	2.12	1.000	2.750	11
50-2B35						6.972	4.00	2.12	1.000	2.750	13
50-2B36						7.171	4.00	2.12	1.000	2.750	14
50-2B40						7.966	4.00	2.12	1.000	2.750	16
50-2B45						8.960	4.00	2.12	1.000	2.750	20
50-2B48		1	40.00	16.00	16.00	9.556	4.00	2.12	1.000	2.750	23
50-2B54		2 - 4	28.00	11.20	11.20	10.749	4.25	2.37	1.250	2.750	27
		5 - 9	24.00	9.60	9.60						
50-2B60		10 - 24	22.00	8.80	8.80	11.942	4.25	2.37	1.250	2.750	35
50-2B70						13.931	4.25	2.37	1.250	2.750	47
50-2B72						14.328	4.25	2.37	1.250	2.750	49

Type C - Equal Hub Both Sides - Steel

50-2C80						15.920	4.50	3.68	1.250	3.000	65
50-2C84		1	60.00	24.00	24.00	16.715	4.50	3.68	1.250	3.000	71
		2 - 4	42.00	16.80	16.80						
50-2C96		5 - 9	36.00	14.40	14.40	19.102	4.50	3.68	1.250	3.000	91
50-2C112						22.285	5.00	3.68	1.437	3.250	122

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Hub diameters marked "R" are recessed for chain clearance.

**HARDENING** - Over 26 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.45 per strand tooth to the list price.



3/4" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 60-2 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
60-2B11H						2.662	2.17R	2.25	.750	1.375	1.8
60-2B12H						2.898	2.40R	2.25	.750	1.500	2.3
60-2B13H						3.134	2.31	2.12	.750	1.562	2.9
60-2B14H						3.371	2.56	2.12	.750	1.750	3.5
60-2B15H						3.607	2.79	2.12	.750	1.750	4.1
60-2B16H						3.844	3.03	2.12	1.000	2.000	4.9
60-2B17H						4.082	3.28	2.12	1.000	2.250	5.6
60-2B18H						4.319	3.53	2.12	1.000	2.250	6.5
60-2B19H						4.557	3.76	2.12	1.000	2.500	7.4
60-2B20H		1	30.00	12.00	12.00	4.794	4.00	2.12	1.000	2.750	8.3
60-2B21H		2 - 4	21.00	8.40	8.40	5.032	4.26	2.12	1.000	2.750	8.6
60-2B22H		5 - 9	18.00	7.20	7.20	5.270	4.00	2.40	1.000	2.750	9.4
60-2B23H		10 - 24	16.50	6.60	6.60	5.508	4.00	2.40	1.000	2.750	10
60-2B24H						5.746	4.00	2.40	1.000	2.750	11
60-2B25H						5.984	4.00	2.40	1.000	2.750	13
60-2B26H						6.222	4.00	2.40	1.000	2.750	14
60-2B28						6.699	4.00	2.40	1.000	2.750	15
60-2B30						7.175	4.00	2.40	1.000	2.750	16
60-2B32						7.652	4.00	2.40	1.250	2.750	18
60-2B35						8.367	4.00	2.40	1.250	2.750	22
60-2B36						8.605	4.00	2.40	1.250	2.750	23
60-2B40						9.559	4.25	2.53	1.250	2.750	29
60-2B45						10.752	4.25	2.53	1.250	2.750	35
60-2B48		1	50.00	20.00	20.00	11.467	4.25	2.53	1.250	2.750	41
60-2B54		2 - 4	35.00	14.00	14.00	12.899	4.50	2.65	1.250	3.000	53
		5 - 9	30.00	12.00	12.00						
60-2B60		10 - 24	28.00	11.00	11.00	14.330	4.50	2.65	1.250	3.000	64
60-2B70						16.717	5.00	2.65	1.437	3.250	64
60-2B72						17.194	5.00	2.65	1.437	3.250	90

Type C - Equal Hub Both Sides - Steel

60-2C80	1	80.00	32.00	32.00	19.104	5.00	3.25	1.437	3.250	57
60-2C84	2 - 4	56.00	22.40	22.40	20.058	5.00	3.25	1.437	3.250	65
60-2C96	5 - 9	48.00	19.20	19.20	22.922	5.50	3.50	1.687	3.750	60

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Hub diameters marked "R" are recessed for chain clearance.

**HARDENING** - Over 26 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.70 per strand tooth to the list price.



1" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 80-2 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
80-2B10H						3.236	2.59R	2.75	1.000	1.562	3.6
80-2B11H						3.549	2.90R	2.75	1.000	1.812	4.2
80-2B12H						3.864	2.78	2.82	1.000	1.812	5.1
80-2B13H		1	40.00	16.00	16.00	4.179	3.10	2.62	1.000	2.125	6.1
80-2B14H		2 - 4	28.00	11.20	11.20	4.494	3.43	2.62	1.250	2.250	7.5
80-2B15H		5 - 9	24.00	9.60	9.60	4.810	3.78	2.62	1.250	2.500	9.0
80-2B16H		10 - 24	22.00	8.80	8.80	5.126	4.09	2.62	1.250	2.750	10
80-2B17H						5.442	4.40	2.62	1.250	2.875	12
80-2B18H						5.759	4.71	2.62	1.250	3.187	14
80-2B19H						6.076	4.50	3.03	1.250	3.000	16
80-2B20H						6.392	4.50	3.03	1.250	3.000	17
80-2B21H						6.710	4.50	3.03	1.250	3.000	21
80-2B22H						7.027	4.50	3.03	1.250	3.000	23
80-2B23H						7.344	4.50	3.03	1.250	3.000	25
80-2B24H						7.661	4.50	3.03	1.250	3.000	26
80-2B25H						7.979	4.50	3.03	1.250	3.000	28
80-2B26H		1	50.00	20.00	20.00	8.296	5.00	3.03	1.437	3.250	32
80-2B28		2 - 4	35.00	14.00	14.00	8.931	5.00	3.03	1.437	3.250	33
80-2B30		5 - 9	30.00	12.00	12.00	9.567	5.00	3.03	1.437	3.250	38
80-2B32		10 - 24	28.00	11.00	11.00	10.202	5.00	3.03	1.437	3.250	43
80-2B35						11.156	5.00	3.03	1.437	3.250	50
80-2B36						11.474	5.00	3.03	1.437	3.250	53
80-2B40						12.745	5.00	3.03	1.437	3.250	64
80-2B45						14.336	5.00	3.03	1.437	3.250	81
80-2B48						15.290	5.00	3.03	1.437	3.250	92

Type C - Equal Hub Both Sides - Steel

80-2C54	1	80.00	32.00	32.00	17.198	5.50	3.50	1.687	3.625	63
80-2C60	2 - 4	56.00	22.40	22.40	19.107	5.50	3.50	1.687	3.625	75
80-2C70	5 - 9	48.00	19.20	19.20	22.289	5.50	4.00	1.687	3.625	100
80-2C72					22.926	5.50	4.00	1.687	3.625	106
80-2C80	1	100.00	40.00	40.00	25.471	5.50	4.00	1.687	3.625	118
80-2C84	2 - 4	70.00	28.00	28.00	26.744	5.50	4.00	1.687	3.625	127
80-2C96	5 - 9	60.00	24.00	24.00	30.563	6.00	4.25	2.187	4.000	164

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Hub diameters marked "R" are recessed for chain clearance.

**HARDENING** - Over 26 teeth, add preparation charge of \$40.00 divided by the number of identical items plus \$.90 per strand tooth to the list price.



1 1/4" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 100-2 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
100-2B 9						3.655	2.89R	3.25	1.000	1.625	3.6
100-2B10						4.045	3.28R	3.25	1.000	1.750	5.8
100-2B11						4.437	3.07	2.87	1.250	2.000	7.7
100-2B12						4.830	3.48	3.12	1.250	2.250	9.8
100-2B13		1	50.00	20.00	20.00	5.223	3.89	3.12	1.250	2.625	12
100-2B14		2 - 4	35.00	14.00	14.00	5.617	4.29	3.12	1.250	2.750	14
100-2B15		5 - 9	30.00	12.00	12.00	6.012	4.70	3.12	1.250	3.187	17
100-2B16		10 - 24	28.00	11.00	11.00	6.407	5.09	3.12	1.250	3.375	20
100-2B17						6.803	5.00	3.37	1.437	3.250	25
100-2B18						7.198	5.00	3.37	1.437	3.250	26
100-2B19						7.594	5.00	3.37	1.437	3.250	28
100-2B20						7.991	5.00	3.37	1.437	3.250	31
100-2B21						8.387	5.00	3.37	1.437	3.250	32
100-2B22						8.783	5.00	3.37	1.437	3.250	37
100-2B23						9.180	5.00	3.37	1.437	3.250	42
100-2B24						9.577	5.50	3.37	1.437	3.625	48
100-2B25						9.973	5.50	3.37	1.437	3.625	50
100-2B26						10.370	5.50	3.37	1.437	3.625	54
100-2B28		1	70.00	28.00	28.00	11.164	5.50	3.37	1.437	3.625	63
100-2B30		2 - 4	49.00	19.60	19.60	11.958	5.50	3.37	1.437	3.625	70
		5 - 9	42.00	16.80	16.80						
100-2B32						12.753	5.50	3.37	1.437	3.625	79
100-2B35						13.945	5.50	3.37	1.437	3.625	93
100-2B36						14.342	5.50	3.37	1.437	3.625	97

Type C - Equal Hub Both Sides - Steel

100-2C40						15.932	5.50	4.25	1.687	3.625	80
100-2C45		1	120.00	48.00	48.00	17.919	5.50	4.25	1.687	3.625	82
100-2C48		2 - 4	84.00	33.00	33.00	19.112	5.50	4.25	1.687	3.625	90
100-2C54		5 - 9	72.00	28.00	28.00	21.498	6.00	4.50	2.187	4.000	111
100-2C60						23.884	6.00	4.50	2.187	4.000	126
100-2C70		1	300.00	120.00	120.00	27.861	6.50	4.75	2.187	4.500	171
100-2C72		2 - 4	210.00	84.00	84.00	28.657	6.50	4.75	2.187	4.500	178
100-2C80		5 - 9	180.00	72.00	72.00	31.839	6.50	4.75	2.187	4.500	225

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Hub diameters marked "R" are recessed for chain clearance.

**HARDENING** - Add preparation charge of \$40.00 divided by the number of identical items plus \$1.20 per strand tooth to the list price.



1 1/2" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 120-2 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
120-2B11						5.324	3.70	3.75	1.437	2.437	14
120-2B12						5.796	4.20	3.75	1.437	2.750	18
120-2B13						6.268	4.67	3.75	1.437	3.000	22
120-2B14		1	80.00	32.00	32.00	6.741	5.17	3.75	1.437	3.375	26
120-2B15		2 - 4	56.00	22.40	22.40	7.215	5.65	3.75	1.437	3.675	31
120-2B16		5 - 9	48.00	19.20	19.20	7.689	5.50	4.00	1.687	3.625	37
120-2B17						8.163	5.50	4.00	1.687	3.625	45
120-2B18						8.638	5.50	4.00	1.687	3.625	48
120-2B19						9.113	5.50	4.00	1.687	3.625	50
120-2B20						9.589	5.50	4.00	1.687	3.625	52
120-2B21						10.064	6.00	4.31	1.687	4.000	58
120-2B22						10.540	6.00	4.31	1.687	4.000	64
120-2B23						11.016	6.00	4.31	1.687	4.000	70
120-2B24		1	100.00	40.00	40.00	11.492	6.00	4.31	1.687	4.000	78
120-2B25		2 - 4	70.00	28.00	28.00	11.968	6.00	4.31	1.687	4.000	82
120-2B26		5 - 9	60.00	24.00	24.00	12.444	6.00	4.31	1.687	4.000	90
120-2B28						13.397	6.50	4.31	2.187	4.500	104
120-2B30						14.350	6.50	4.31	2.187	4.500	115
120-2B32						15.303	6.50	4.31	2.187	4.500	125
120-2B35						16.734	6.50	4.31	2.187	4.500	153
120-2B36						17.211	6.50	4.31	2.187	4.500	162

Type C - Equal Hub Both Sides - Steel

120-2C40						19.118	7.00	4.75	2.187	4.750	135
120-2C45		1	200.00	80.00	80.00	21.503	7.00	4.75	2.187	4.750	149
120-2C48		2 - 4	140.00	56.00	56.00	22.935	7.00	4.75	2.187	4.750	158
120-2C54		5 - 9	120.00	48.00	48.00	25.798	7.00	4.75	2.187	4.750	187
120-2C60						28.661	7.00	4.75	2.187	4.750	222
120-2C70		1	300.00	120.00	120.00	33.434	8.00	5.00	2.937	5.500	300
120-2C72		2 - 4	210.00	84.00	84.00	34.388	8.00	5.00	2.937	5.500	310
120-2C112		5 - 9	180.00	72.00	72.00	53.483	9.75	6.50	2.937	6.750	490

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$40.00 divided by the number of identical items plus \$1.60 per strand tooth to the list price.



1 3/4" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 140-2 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
140-2B11						6.212	4.32	3.87	1.437	2.875	21
140-2B12						6.762	4.89	3.87	1.437	3.250	26
140-2B13						7.313	5.46	4.00	1.437	3.625	32
140-2B14		1	100.00	40.00	40.00	7.864	6.03	4.00	1.437	4.000	38
140-2B15		2 - 4	70.00	28.00	28.00	8.417	6.00	4.43	1.687	4.000	45
140-2B16		5 - 9	60.00	24.00	24.00	8.970	6.00	4.43	1.687	4.000	50
140-2B17						9.524	6.00	4.43	1.687	4.000	58
140-2B18						10.078	6.00	4.43	1.687	4.000	61
140-2B19						10.632	6.00	4.43	1.687	4.000	67
140-2B20						11.187	6.50	4.43	1.687	4.500	75
140-2B21						11.742	6.50	4.43	1.687	4.500	83
140-2B22						12.297	6.50	4.43	1.687	4.500	95
140-2B23		1	140.00	56.00	56.00	12.852	6.50	4.43	1.687	4.500	101
140-2B24		2 - 4	98.00	39.00	39.00	13.407	6.50	4.43	1.687	4.500	108
140-2B25		5 - 9	84.00	33.00	33.00	13.963	6.50	4.43	1.687	4.500	115
140-2B26						14.518	6.50	4.43	1.687	4.500	123
140-2B28						15.630	7.00	4.50	2.187	4.750	149
140-2B30						16.742	7.00	4.50	2.187	4.750	170
140-2B32						17.854	7.00	4.50	2.187	4.750	190

Type C - Equal Hub Both Sides - Steel

140-2C35						19.523	7.00	4.50	2.187	4.750	120
140-2C36						20.079	7.00	4.50	2.187	4.750	125
140-2C40		1	200.00	80.00	80.00	22.305	7.50	5.00	2.187	5.000	156
140-2C45		2 - 4	140.00	56.00	56.00	25.087	7.50	5.00	2.187	5.000	187
		5 - 9	120.00	48.00	48.00						
140-2C48						26.757	7.50	5.00	2.187	5.000	195
140-2C54						30.097	8.00	5.50	2.937	5.500	264
140-2C60						33.438	8.00	5.50	2.937	5.500	320
140-2C70		1	300.00	120.00	120.00						
		2 - 4	210.00	84.00	84.00	39.006	8.00	5.50	2.937	5.500	322
		5 - 9	180.00	72.00	72.00						

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$40.00 divided by the number of identical items plus \$1.80 per strand tooth to the list price.



2" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 160-2 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
160-2B11						7.099	4.95	4.62	1.687	3.250	35
160-2B12						7.727	5.60	4.62	1.687	3.625	41
160-2B13						8.357	6.25	4.62	1.687	4.250	50
160-2B14		1	120.00	48.00	48.00	8.988	6.00	5.06	1.687	4.000	63
		2 - 4	84.00	33.00	33.00						
		5 - 9	72.00	28.00	28.00						
160-2B15						9.620	6.50	5.06	1.687	4.500	69
160-2B16						10.252	6.50	5.06	1.687	4.500	76
160-2B17						10.885	6.50	5.06	1.687	4.500	87
160-2B18						11.518	6.50	5.06	1.687	4.500	95
160-2B19						12.151	7.00	5.12	2.187	4.750	103
160-2B20						12.785	7.00	5.12	2.187	4.750	110
160-2B21						13.419	7.00	5.12	2.187	4.750	130
160-2B22		1	160.00	64.00	64.00	14.053	7.00	5.12	2.187	4.750	142
160-2B23		2 - 4	112.00	44.00	44.00	14.688	7.00	5.12	2.187	4.750	150
160-2B24		5 - 9	96.00	38.00	38.00	15.323	7.00	5.12	2.187	4.750	165
160-2B25						15.958	7.00	5.12	2.187	4.750	178
160-2B26						16.593	7.00	5.12	2.187	4.750	195
160-2B28						17.863	7.00	5.12	2.187	4.750	225

Type C - Equal Hub Both Sides - Steel

160-2C30						19.134	7.50	5.50	2.937	5.000	190
160-2C32						20.405	7.50	5.50	2.937	5.000	200
160-2C35		1	300.00	120.00	120.00	22.312	8.00	5.50	2.937	5.500	230
		2 - 4	210.00	84.00	84.00						
		5 - 9	180.00	72.00	72.00						
160-2C36						22.947	8.00	5.50	2.937	5.500	240
160-2C40						25.491	8.00	5.50	2.937	5.500	275
160-2C45						28.671	8.00	5.50	2.937	5.500	350
160-2C48		1	400.00	160.00	160.00	30.580	9.25	6.00	2.937	6.500	370
160-2C54		2 - 4	280.00	112.00	112.00	34.397	9.25	6.00	2.937	6.500	490
160-2C60		5 - 9	240.00	96.00	96.00	38.215	9.75	6.50	2.937	6.750	540

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$50.00 divided by the number of identical items plus \$2.50 per strand tooth to the list price.



2 1/2" PITCH - DOUBLE STRAND - STEEL

A.N.S.I. No. 200-2 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
200-2B11						8.872	6.25	5.37	2.187	4.250	58
200-2B12						9.660	6.50	5.81	2.187	4.500	75
200-2B13						10.447	7.00	5.87	2.187	4.750	87
200-2B14		1	160.00	64.00	64.00	11.235	7.00	5.87	2.187	4.750	90
		2 - 4	112.00	44.00	44.00						
		5 - 9	96.00	38.00	38.00						
200-2B15						12.025	7.00	5.87	2.187	4.750	114
200-2B16						12.815	7.00	5.87	2.187	4.750	135
200-2B17						13.605	7.00	5.87	2.187	4.750	140
200-2B18						14.397	7.00	5.87	2.187	4.750	165
200-2B19						15.190	7.00	5.87	2.187	4.750	185
200-2B20						15.982	7.00	5.87	2.187	4.750	205
200-2B21						16.775	8.00	6.12	2.187	5.500	230
200-2B22		1	200.00	80.00	80.00	17.567	8.00	6.12	2.187	5.500	250
200-2B23		2 - 4	140.00	56.00	56.00	18.360	8.00	6.12	2.187	5.500	280
200-2B24		5 - 9	120.00	48.00	48.00	19.152	8.00	6.12	2.187	5.500	300
200-2B25						19.947	8.00	6.12	2.187	5.500	330
200-2B26						20.740	8.00	6.12	2.187	5.500	360
200-2B28						22.330	8.00	6.12	2.187	5.500	415

Type C - Equal Hub Both Sides - Steel

200-2C30						23.917	8.75	6.50	2.937	5.750	325
200-2C32		1	300.00	120.00	120.00	25.505	8.75	6.50	2.937	5.750	355
		2 - 4	210.00	84.00	84.00						
		5 - 9	180.00	72.00	72.00						
200-2C35						27.890	8.75	6.50	2.937	5.750	400
200-2C36						28.685	8.75	6.50	2.937	5.750	415
200-2C40						31.865	8.75	7.00	2.937	5.750	500
200-2C45		1	400.00	160.00	160.00	35.840	8.75	7.00	2.937	5.750	580
200-2C48		2 - 4	280.00	112.00	112.00	38.225	8.75	7.00	2.937	5.750	635
200-2C54		5 - 9	240.00	96.00	96.00	42.995	9.75	7.50	2.937	6.750	690
200-2C60						47.767	9.75	7.50	2.937	6.750	780

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$50.00 divided by the number of identical items plus \$3.30 per strand tooth to the list price.



3/8" PITCH - TRIPLE STRAND - STEEL

A.N.S.I. No. 35-3 - Type B Sprockets - Hub One Side - Mandrel Bore  
Hardened Through 26 Teeth

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
35-3B13H						1.567	1.34R	1.75	.500	.875	.6
35-3B14H						1.685	1.25	1.75	.500	.875	.7
35-3B15H						1.804	1.37	1.75	.500	.875	.8
35-3B16H						1.922	1.50	1.75	.625	1.000	1.0
35-3B17H						2.041	1.62	1.75	.625	1.125	1.1
35-3B18H						2.159	1.73	1.75	.625	1.187	1.2
35-3B19H						2.278	1.85	1.75	.625	1.312	1.4
35-3B20H						2.397	1.98	1.75	.625	1.375	1.6
35-3B21H		1	30.00	12.00	12.00	2.516	2.09	1.87	.625	1.375	1.8
35-3B22H		2 - 4	21.00	8.40	8.40	2.635	2.21	1.87	.625	1.500	2.1
35-3B23H		5 - 9	18.00	7.20	7.20	2.754	2.34	1.87	.625	1.562	2.3
35-3B24H		10 - 24	16.50	6.60	6.60	2.873	2.45	1.87	.625	1.687	2.5
35-3B25H						2.992	2.57	1.87	.625	1.750	2.7
35-3B26H						3.111	2.70	1.87	.625	1.750	3.1
35-3B28						3.349	2.93	1.87	.750	1.937	3.7
35-3B30						3.588	3.18	1.87	.750	2.187	4.1
35-3B32						3.826	3.43	1.87	.750	2.250	4.4
35-3B35						4.183	3.79	1.87	.750	2.500	5.0
35-3B36						4.303	3.92	1.87	.750	2.687	6.4
35-3B40						4.780	3.50	2.03	1.000	2.250	6.6
35-3B45						5.376	3.50	2.03	1.000	2.250	8.0
35-3B48						5.734	3.50	2.03	1.000	2.250	9.5
35-3B54		1	40.00	16.00	16.00	6.449	3.75	2.03	1.000	2.500	12
35-3B60		2 - 4	28.00	11.20	11.20	7.165	3.75	2.03	1.000	2.500	13
35-3B70		5 - 9	24.00	9.60	9.60	8.358	3.75	2.03	1.000	2.500	17
35-3B72		10 - 49	22.00	8.80	8.80	8.597	3.75	2.03	1.000	2.500	18
35-3B80						9.552	3.75	2.03	1.000	2.500	22
35-3B84						10.029	4.00	2.03	1.250	2.750	24
35-3B96						11.461	4.00	2.03	1.250	2.750	31

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Hub diameters marked "R" are recessed for chain clearance

**HARDENING** - Over 26 Teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.30 per strand tooth to the list price.



1/2" PITCH - TRIPLE STRAND - STEEL

A.N.S.I. No. 40-3 - Type B and C Sprockets - Mandrel Bore  
Hardened Through 26 Teeth

Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
40-3B11H						1.775	1.45R	2.12	.500	.875	.9
40-3B12H						1.932	1.60R	2.12	.500	1.062	1.1
40-3B13H						2.089	1.76R	2.12	.500	1.187	1.4
40-3B14H						2.247	1.68	2.12	.625	1.250	1.6
40-3B15H						2.405	1.85	2.12	.625	1.312	1.8
40-3B16H						2.563	2.01	2.12	.625	1.375	2.1
40-3B17H						2.721	2.17	2.12	.625	1.500	2.3
40-3B18H						2.879	2.34	2.12	.625	1.687	2.8
40-3B19H		1	30.00	12.00	12.00	3.038	2.50	2.12	.625	1.750	3.2
40-3B20H		2 - 4	21.00	8.40	8.40	3.196	2.65	2.25	.750	1.750	3.6
40-3B21H		5 - 9	18.00	7.20	7.20	3.355	2.81	2.25	.750	1.875	4.1
40-3B22H		10 - 24	16.50	6.60	6.60	3.513	2.98	2.25	.750	2.000	4.6
40-3B23H						3.672	3.14	2.25	.750	2.125	5.1
40-3B24H						3.831	3.29	2.25	.750	2.250	5.6
40-3B25H						3.989	3.45	2.25	.750	2.250	6.2
40-3B26H						4.148	3.60	2.25	.750	2.375	7.0
40-3B28						4.466	3.93	2.25	.750	2.687	8.1
40-3B30						4.783	3.75	2.46	1.000	2.500	8.8
40-3B32						5.101	3.75	2.46	1.000	2.500	10
40-3B35						5.578	3.75	2.46	1.000	2.500	11
40-3B36						5.737	3.75	2.46	1.000	2.500	12
40-3B40						6.373	3.75	2.46	1.000	2.500	17
40-3B45						7.168	3.75	2.46	1.000	2.500	19
40-3B48						7.645	3.75	2.46	1.000	2.500	20
40-3B54		1	40.00	16.00	16.00	8.599	4.00	2.46	1.250	2.750	24
		2 - 4	28.00	11.20	11.20						
40-3B60		5 - 9	24.00	9.60	9.60	9.544	4.00	2.46	1.250	2.750	30
40-3B70		10 - 24	22.00	8.80	8.80	11.145	4.00	2.46	1.250	2.750	39
40-3B72						11.463	4.00	2.46	1.250	2.750	42
40-3B80						12.736	4.25	2.71	1.250	2.750	53
40-3B84						13.372	4.25	2.71	1.250	2.750	57

Type C - Equal Hub Both Sides - Steel

40-3C96		1	50.00	20.00	20.00	15.282	4.25	3.00	1.250	2.750	38
		2 - 4	35.00	14.00	14.00						
		5 - 9	30.00	12.00	12.00						

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Hub diameters marked "R" are recessed for chain clearance.

**HARDENING** - Over 26 Teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.40 per strand tooth to the list price.



5/8" PITCH - TRIPLE STRAND - STEEL

A.N.S.I. No. 50-3 - Type B and C Sprockets - Mandrel Bore  
Hardened Through 26 Teeth

Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
50-3B11H						2.219	1.81R	2.62	.625	1.187	1.7
50-3B12H						2.415	2.00R	2.62	.625	1.250	1.9
50-3B13H						2.612	1.93	2.50	.625	1.312	2.3
50-3B14H						2.809	2.14	2.50	.750	1.375	2.6
50-3B15H						3.006	2.34	2.50	.750	1.562	3.3
50-3B16H						3.204	2.53	2.50	.750	1.750	3.8
50-3B17H						3.401	2.73	2.50	.750	1.750	4.5
50-3B18H						3.599	2.93	2.50	.750	1.937	5.1
50-3B19H		1	30.00	12.00	12.00	3.797	3.12	2.50	.750	2.125	5.9
50-3B20H		2 - 4	21.00	8.40	8.40	3.995	3.32	2.62	1.000	2.250	6.6
50-3B21H		5 - 9	18.00	7.20	7.20	4.193	3.53	2.62	1.000	2.250	7.5
50-3B22H		10 - 24	16.50	6.60	6.60	4.392	3.73	2.62	1.000	2.500	8.4
50-3B23H						4.590	3.93	2.62	1.000	2.687	8.7
50-3B24H						4.788	4.14	2.62	1.000	2.750	9.1
50-3B25H						4.987	4.34	2.62	1.000	2.875	10
50-3B26H						5.185	4.00	2.81	1.000	2.750	12
50-3B28						5.582	4.00	2.81	1.000	2.750	13
50-3B30						5.979	4.00	2.81	1.000	2.750	15
50-3B32						6.376	4.00	2.81	1.000	2.750	18
50-3B35						6.972	4.00	2.81	1.000	2.750	21
50-3B36						7.171	4.00	2.81	1.000	2.750	24
50-3B40						7.966	4.25	3.06	1.250	2.750	26
50-3B45						8.960	4.25	3.06	1.250	2.750	31
50-3B48		1	40.00	16.00	16.00	9.556	4.25	3.06	1.250	2.750	37
50-3B54		2 - 4	28.00	11.20	11.20	10.749	4.25	3.06	1.250	2.750	46
		5 - 9	24.00	9.60	9.60						
50-3B60		10 - 24	22.00	8.80	8.80	11.942	4.25	3.06	1.250	2.750	57
50-3B70						13.931	4.50	3.06	1.250	3.000	75
50-3B72						14.328	4.50	3.06	1.250	3.000	80

Type C - Equal Hub Both Sides - Steel

50-3C80		1	60.00	24.00	24.00	15.920	4.75	3.50	1.437	3.250	51
50-3C84		2 - 4	42.00	16.80	16.80	16.715	4.75	3.50	1.437	3.250	54
50-3C96		5 - 9	36.00	14.40	14.40	19.102	4.75	3.50	1.437	3.250	63

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Hub diameters marked "R" are recessed for chain clearance.

**HARDENING** - Over 26 Teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.45 per strand tooth to the list price.



3/4" PITCH - TRIPLE STRAND - STEEL

A.N.S.I. No. 60-3 - Type B and C Sprockets - Mandrel Bore  
Hardened Through 26 Teeth

Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
60-3B11H						2.662	2.17R	3.12	.750	1.375	2.7
60-3B12H						2.898	2.40R	3.12	.750	1.500	3.5
60-3B13H						3.134	2.31	3.00	1.000	1.562	3.8
60-3B14H						3.370	2.56	3.00	1.000	1.750	4.8
60-3B15H						3.607	2.79	3.00	1.000	1.750	5.6
60-3B16H						3.844	3.03	3.00	1.000	2.000	6.7
60-3B17H						4.082	3.28	3.00	1.000	2.250	7.8
60-3B18H						4.319	3.53	3.00	1.000	2.250	9.1
60-3B19H		1	30.00	12.00	12.00	4.557	3.76	3.00	1.000	2.500	10
60-3B20H		2 - 4	21.00	8.40	8.40	4.794	4.00	3.00	1.000	2.750	12
60-3B21H		5 - 9	18.00	7.20	7.20	5.032	4.26	3.00	1.000	2.750	13
60-3B22H		10 - 24	16.50	6.60	6.60	5.270	4.00	3.31	1.000	2.750	14
60-3B23H						5.508	4.00	3.31	1.000	2.750	15
60-3B24H						5.746	4.00	3.31	1.000	2.750	16
60-3B25H						5.984	4.25	3.56	1.250	2.750	19
60-3B26H						6.222	4.25	3.56	1.250	2.750	21
60-3B28						6.699	4.25	3.56	1.250	2.750	22
60-3B30						7.175	4.25	3.56	1.250	2.750	25
60-3B32						7.652	4.25	3.56	1.250	2.750	29
60-3B35						8.367	4.25	3.56	1.250	2.750	34
60-3B36						8.605	4.25	3.56	1.250	2.750	36
60-3B40						9.559	4.50	3.56	1.250	3.000	45
60-3B45		1	50.00	20.00	20.00	10.752	4.50	3.56	1.250	3.000	56
		2 - 4	35.00	14.00	14.00						
60-3B48		5 - 9	30.00	12.00	12.00	11.467	4.50	3.56	1.250	3.000	66
60-3B54		10 - 24	28.00	11.00	11.00	12.899	5.00	3.56	1.437	3.250	83
60-3B60						14.330	5.00	3.56	1.437	3.250	101

Type C - Equal Hub Both Sides - Steel

60-3C70		1	80.00	32.00	32.00	16.717	5.00	4.00	1.687	3.250	57
60-3C72		2 - 4	56.00	22.40	22.40	17.194	5.00	4.00	1.687	3.250	65
60-3C80		5 - 9	48.00	19.20	19.20	19.104	5.00	4.00	1.687	3.250	81
60-3C84						20.058	5.00	4.00	1.687	3.250	85

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Hub diameters marked "R" are recessed for chain clearance.

**HARDENING** - Over 26 Teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.70 per strand tooth to the list price.



1" PITCH - TRIPLE STRAND - STEEL

A.N.S.I. No. 80-3 - Type B and C Sprockets - Mandrel Bore  
Hardened Through 26 Teeth

Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
80-3B11H						3.549	2.90R	3.87	1.000	1.812	6.4
80-3B12H						3.864	2.78	3.62	1.250	1.812	7.4
80-3B13H						4.179	3.10	3.62	1.250	2.125	9.1
80-3B14H		1	40.00	16.00	16.00	4.494	3.43	3.62	1.250	2.250	11
80-3B15H		2 - 4	28.00	11.20	11.20	4.810	3.78	3.62	1.250	2.500	13
		5 - 9	24.00	9.60	9.60						
		10 - 24	22.00	8.80	8.80						
80-3B16H						5.126	4.09	3.87	1.250	2.750	15
80-3B17H						5.442	4.40	3.87	1.250	2.875	18
80-3B18H						5.759	4.71	3.87	1.250	3.187	21
80-3B19H						6.076	4.50	4.18	1.250	3.000	23
80-3B20H						6.392	4.50	4.18	1.250	3.000	25
80-3B21H						6.710	5.00	4.31	1.437	3.250	29
80-3B22H						7.027	5.00	4.31	1.437	3.250	32
80-3B23H						7.344	5.00	4.31	1.437	3.250	36
80-3B24H		1	60.00	24.00	24.00	7.661	5.00	4.31	1.437	3.250	41
80-3B25H		2 - 4	42.00	16.80	16.80	7.979	5.00	4.31	1.437	3.250	43
80-3B26H		5 - 9	36.00	14.40	14.40	8.296	5.00	4.31	1.437	3.250	46
80-3B28		10 - 24	33.00	13.20	13.20	8.931	5.00	4.31	1.437	3.250	50
80-3B30						9.567	5.00	4.31	1.437	3.250	55
80-3B32						10.202	5.00	4.31	1.437	3.250	63
80-3B35						11.156	5.00	4.31	1.437	3.250	76
80-3B36						11.474	5.00	4.31	1.437	3.250	79
80-3B40						12.745	5.00	4.31	1.437	3.250	97
80-3B45						14.336	5.50	4.50	1.687	3.625	132
80-3B48						15.290	5.50	4.50	1.687	3.625	141

Type C - Equal Hub Both Sides - Steel

80-3C54		1	100.00	40.00	40.00	17.198	5.50	4.50	1.687	3.625	84
80-3C60		2 - 4	70.00	28.00	28.00	19.107	5.50	4.50	1.687	3.625	95
80-3C70		5 - 9	60.00	24.00	24.00	22.289	6.00	4.75	2.187	4.000	126
80-3C72						22.926	6.00	4.75	2.187	4.000	130
80-3C80		1	120.00	48.00	48.00	25.471	6.00	4.75	2.187	4.000	148
80-3C96		2 - 4	84.00	33.00	33.00	30.563	6.50	5.00	2.187	4.500	199
		5 - 9	72.00	28.00	28.00						

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Hub diameters marked "R" are recessed for chain clearance.

**HARDENING** - Over 26 Teeth, add preparation charge of \$40.00 divided by the number of identical items plus \$.90 per strand tooth to the list price.



1 1/4" PITCH - TRIPLE STRAND - STEEL

A.N.S.I. No. 100-3 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
100-3B11						4.437	3.07	4.50	1.250	2.000	12
100-3B12						4.630	3.48	4.50	1.250	2.250	14
100-3B13						5.223	3.89	4.50	1.437	2.625	17
100-3B14						5.617	4.29	4.50	1.437	2.750	20
100-3B15		1	60.00	24.00	24.00	6.012	4.70	4.50	1.437	3.187	24
100-3B16		2 - 4	42.00	16.80	16.80	6.407	5.09	4.50	1.437	3.375	27
100-3B17		5 - 9	36.00	14.40	14.40	6.803	5.00	4.93	1.437	3.250	33
		10 - 24	33.00	13.20	13.20						
100-3B18						7.198	5.00	4.93	1.437	3.250	38
100-3B19						7.594	5.00	4.93	1.437	3.250	44
100-3B20						7.991	5.00	4.93	1.437	3.250	48
100-3B21						8.387	5.00	4.93	1.437	3.250	53
100-3B22						8.783	5.00	4.93	1.437	3.250	58
100-3B23						9.180	5.00	4.93	1.437	3.250	63
100-3B24						9.577	5.50	5.12	1.687	3.625	69
100-3B25						9.973	5.50	5.12	1.687	3.625	73
100-3B26		1	80.00	32.00	32.00	10.370	5.50	5.12	1.687	3.625	78
100-3B28		2 - 4	56.00	22.40	22.40	11.164	5.50	5.12	1.687	3.625	89
100-3B30		5 - 9	48.00	19.20	19.20	11.958	5.50	5.12	1.687	3.625	107
100-3B32						12.753	5.50	5.12	1.687	3.625	117
100-3B35						13.945	5.50	5.12	1.687	3.625	133
100-3B36						14.342	5.50	5.12	1.687	3.625	147

Type C - Equal Hub Both Sides - Steel

100-3C40						15.932	6.00	5.00	2.187	4.000	100
100-3C45		1	200.00	80.00	80.00	17.919	6.00	5.00	2.187	4.000	108
100-3C48		2 - 4	140.00	56.00	56.00	19.112	6.00	5.00	2.187	4.000	117
100-3C54		5 - 9	120.00	48.00	48.00	21.498	6.50	5.25	2.187	4.750	133
100-3C60						23.884	6.50	5.25	2.187	4.750	168
100-3C70		1	300.00	120.00	120.00	27.861	7.00	5.25	2.187	4.750	208
100-3C80		2 - 4	210.00	84.00	84.00	31.839	7.50	5.50	2.187	5.000	271
		5 - 9	180.00	72.00	72.00						

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$40.00 divided by the number of identical items plus \$1.20 per strand tooth to the list price.



1 1/2" PITCH - TRIPLE STRAND - STEEL

A.N.S.I. No. 120-3 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each			Dimensions - Weights						
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
120-3B11						5.324	3.70	5.50	1.437	2.437	22
120-3B12						5.796	4.20	5.50	1.437	2.750	27
120-3B13						6.268	4.67	5.50	1.437	3.000	32
120-3B14		1	120.00	48.00	48.00	6.741	5.17	5.75	1.687	3.375	39
		2 - 4	84.00	33.00	33.00						
		5 - 9	72.00	28.00	28.00						
120-3B15						7.215	5.65	5.75	1.687	3.875	47
120-3B16						7.689	6.12	5.75	1.687	4.000	57
120-3B17						8.163	6.00	6.09	1.687	4.000	67
120-3B18						8.638	6.00	6.09	1.687	4.000	71
120-3B19						9.113	6.00	6.09	1.687	4.000	79
120-3B20						9.589	6.00	6.09	1.687	4.000	85
120-3B21						10.064	6.00	6.09	1.687	4.000	94
120-3B22						10.540	6.50	6.09	2.187	4.500	103
120-3B23						11.016	6.50	6.09	2.187	4.500	114
120-3B24		1	160.00	64.00	64.00	11.492	6.50	6.09	2.187	4.500	123
120-3B25		2 - 4	112.00	44.00	44.00	11.968	6.50	6.09	2.187	4.500	132
120-3B26		5 - 9	96.00	38.00	38.00	12.444	6.50	6.09	2.187	4.500	143
120-3B28						13.394	7.00	6.15	2.187	4.750	168
120-3B30						14.350	7.00	6.15	2.187	4.750	192
120-3B32						15.303	7.00	6.15	2.187	4.750	219

Type C - Equal Hub Both Sides - Steel

120-3C35						16.734	7.00	6.00	2.937	4.750	137
120-3C36						17.211	7.00	6.00	2.937	4.750	140
120-3C40						19.118	7.50	6.00	2.937	5.000	165
120-3C45		1	250.00	100.00	100.00	21.503	7.50	6.00	2.937	5.000	182
		2 - 4	175.00	70.00	70.00						
		5 - 9	150.00	60.00	60.00						
120-3C48						22.935	7.50	6.00	2.937	5.000	204
120-3C54						25.798	7.50	6.00	2.937	5.000	232
120-3C60						28.661	8.00	6.25	2.937	5.500	300

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$40.00 divided by the number of identical items plus \$1.60 per strand tooth to the list price.



1 3/4" PITCH - TRIPLE STRAND - STEEL

A.N.S.I. No. 140-3 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
140-3B11						6.212	4.32	5.75	1.687	2.875	41
140-3B12						6.762	4.89	5.75	1.687	3.250	48
140-3B13						7.313	5.46	5.87	1.687	3.625	54
140-3B14		1	120.00	48.00	48.00	7.864	6.03	5.87	1.687	4.000	57
		2 - 4	84.00	33.00	33.00						
		5 - 9	72.00	28.00	28.00						
140-3B15						8.417	6.00	6.37	1.687	4.000	66
140-3B16						8.970	6.00	6.37	1.687	4.000	75
140-3B17						9.524	6.00	6.37	1.687	4.000	85
140-3B18						10.078	6.50	6.37	2.187	4.500	97
140-3B19						10.632	6.50	6.37	2.187	4.500	108
140-3B20						11.187	6.50	6.37	2.187	4.500	120
140-3B21						11.742	6.50	6.37	2.187	4.500	132
140-3B22						12.297	7.00	6.43	2.187	4.750	145
140-3B23						12.852	7.00	6.43	2.187	4.750	160
140-3B24		1	160.00	64.00	64.00	13.407	7.00	6.43	2.187	4.750	174
140-3B25		2 - 4	112.00	44.00	44.00	13.963	7.00	6.43	2.187	4.750	188
140-3B26		5 - 9	96.00	38.00	38.00	14.518	7.00	6.43	2.187	4.750	203
140-3B28						15.630	7.00	6.43	2.187	4.750	235
140-3B30						16.742	7.00	6.43	2.187	4.750	275
140-3B32						17.854	7.00	6.43	2.187	4.750	310

Type C - Equal Hub Both Sides - Steel

140-3C35						19.523	7.50	6.25	2.937	5.000	175
140-3C36						20.079	7.50	6.25	2.937	5.000	185
140-3C40						22.305	8.00	6.25	2.937	5.500	235
140-3C45		1	300.00	120.00	120.00	25.087	8.00	6.25	2.937	5.500	280
		2 - 4	210.00	84.00	84.00						
		5 - 9	180.00	72.00	72.00						
140-3C48						26.757	8.00	6.25	2.937	5.500	300
140-3C54						30.097	8.50	6.50	2.937	5.625	390
140-3C60						33.438	8.50	6.50	2.937	5.625	430

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$40.00 divided by the number of identical items plus \$1.80 per strand tooth to the list price.



2" PITCH - TRIPLE STRAND - STEEL

A.N.S.I. No. 160-3 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx Weight
160-3B11						7.099	4.95	6.87	1.687	3.250	50
160-3B12						7.727	5.60	6.87	1.687	3.625	63
160-3B13						8.357	6.25	6.87	1.687	4.250	74
160-3B14		1	140.00	56.00	56.00	8.988	6.87	6.87	1.687	4.500	94
		2 - 4	96.00	39.00	39.00						
		5 - 9	84.00	33.00	33.00						
160-3B15						9.620	6.50	7.37	1.687	4.500	99
160-3B16						10.252	6.50	7.37	1.687	4.500	117
160-3B17						10.885	6.50	7.37	1.687	4.500	130
160-3B18						11.518	7.00	7.43	2.187	4.750	150
160-3B19						12.151	7.00	7.43	2.187	4.750	167
160-3B20						12.785	7.00	7.43	2.187	4.750	173
160-3B21						13.419	7.00	7.43	2.187	4.750	180
160-3B22						14.053	7.00	7.43	2.187	4.750	230
160-3B23		1	200.00	80.00	80.00	14.688	7.00	7.43	2.187	4.750	250
160-3B24		2 - 4	140.00	56.00	56.00	15.323	8.00	7.68	2.187	5.500	270
160-3B25		5 - 9	120.00	48.00	48.00	15.958	8.00	7.68	2.187	5.500	300
160-3B26						16.593	8.00	7.68	2.187	5.500	320
160-3B28						17.863	8.00	7.68	2.187	5.500	370
160-3B30						19.134	8.00	7.68	2.187	5.500	410
160-3B32						20.405	8.00	7.68	2.187	5.500	460

Type C - Equal Hub Both Sides - Steel

160-3C35						22.312	8.00	7.25	2.937	5.500	280
160-3C36		1	400.00	160.00	160.00	22.947	8.00	7.25	2.937	5.500	300
		2 - 4	280.00	112.00	112.00						
		5 - 9	240.00	96.00	96.00						
160-3C40						25.491	9.25	7.50	2.937	6.500	395
160-3C45						28.671	9.25	7.50	2.937	6.500	430
160-3C48		1	500.00	200.00	200.00	30.580	9.25	7.50	2.937	6.500	510
160-3C54		2 - 4	350.00	140.00	140.00	34.397	9.75	8.00	2.937	6.750	560
160-3C60		5 - 9	300.00	120.00	120.00	38.215	9.75	8.00	2.937	6.750	750

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$50.00 divided by the number of identical items plus \$2.50 per strand tooth to the list price.



2 1/2" PITCH - TRIPLE STRAND - STEEL

A.N.S.I. No. 200-3 - Type B and C Sprockets - Mandrel Bore  
 Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
200-3B11						8.872	6.25	8.25	2.187	4.250	90
200-3B12						9.660	6.50	8.62	2.187	4.500	118
200-3B13						10.447	7.00	8.68	2.187	4.750	140
200-3B14		1	200.00	80.00	80.00	11.235	7.00	8.68	2.187	4.750	155
		2 - 4	140.00	56.00	56.00						
		5 - 9	120.00	48.00	48.00						
200-3B15						12.025	7.00	8.68	2.187	4.750	180
200-3B16						12.815	7.00	8.68	2.187	4.750	210
200-3B17						13.605	7.00	8.68	2.187	4.750	245
200-3B18						14.397	8.00	8.93	2.187	5.500	270
200-3B19						15.190	8.00	8.93	2.187	5.500	310
200-3B20						15.982	8.00	8.93	2.187	5.500	340
200-3B21						16.775	8.00	8.93	2.187	5.500	370
200-3B22		1	250.00	100.00	100.00	17.567	8.00	8.93	2.187	5.500	410
		2 - 4	175.00	70.00	70.00						
		5 - 9	150.00	60.00	60.00						
200-3B23						18.360	8.00	8.93	2.187	5.500	450
200-3B24						19.152	8.00	8.93	2.187	5.500	490
200-3B25						19.947	8.00	8.93	2.187	5.500	545
200-3B26						20.740	9.00	9.18	2.187	6.250	580
200-3B28						22.330	9.00	9.18	2.187	6.250	680

Type C - Equal Hub Both Sides - Steel

200-3C30						23.917	9.25	8.50	2.937	6.500	440
200-3C32		1	400.00	160.00	160.00	25.505	9.25	8.50	2.937	6.500	460
200-3C35		2 - 4	260.00	112.00	112.00	27.890	9.25	8.50	2.937	6.500	570
200-3C36		5 - 9	240.00	96.00	96.00	28.685	9.25	8.50	2.937	6.500	590
200-3C40						31.865	9.75	8.50	2.937	6.750	680
200-3C45						35.840	9.75	8.50	2.937	6.750	760
200-3C48		1	500.00	200.00	200.00	38.225	9.75	8.50	2.937	6.750	880
		2 - 4	350.00	140.00	140.00						
		5 - 9	300.00	120.00	120.00						
200-3C54						42.995	11.00	9.00	2.937	7.500	850
200-3C60						47.767	11.00	9.00	2.937	7.500	970

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$50.00 divided by the number of identical items plus \$3.30 per strand tooth to the list price.



**3/8" PITCH - QUADRUPLE STRAND - STEEL**

**A.N.S.I. No. 35-4 - Type B Sprockets - Hub One Side - Mandrel Bore  
Hardened Through 26 Teeth**

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
35-4B15H						1.804	1.37	2.12	.625	.875	1.0
35-4B16H						1.922	1.50	2.12	.625	1.000	1.1
35-4B17H						2.041	1.62	2.12	.750	1.125	1.2
35-4B18H						2.159	1.73	2.12	.750	1.187	1.4
35-4B19H						2.278	1.85	2.12	.750	1.312	1.6
35-4B20H						2.397	1.98	2.12	.750	1.375	1.9
35-4B21H						2.516	2.09	2.12	.750	1.375	2.1
35-4B22H						2.635	2.21	2.12	.750	1.500	2.3
35-4B23H		1	50.00	20.00	20.00	2.754	2.34	2.12	.750	1.562	2.5
35-4B24H		2 - 4	35.00	14.00	14.00	2.873	2.45	2.12	.750	1.687	2.8
35-4B25H		5 - 9	30.00	12.00	12.00	2.992	2.57	2.12	.750	1.750	3.1
35-4B26H		10 - 24	28.00	11.00	11.00	3.111	2.70	2.12	.750	1.750	3.4
35-4B28						3.349	2.93	2.12	1.000	1.937	4.1
35-4B30						3.588	3.18	2.12	1.000	2.187	4.8
35-4B32						3.826	3.43	2.12	1.000	2.250	5.5
35-4B35						4.183	3.79	2.12	1.000	2.500	6.7
35-4B36						4.303	3.92	2.12	1.000	2.687	6.8
35-4B40						4.780	3.75	2.40	1.000	2.500	8.1
35-4B45		1	60.00	24.00	24.00	5.376	3.75	2.40	1.000	2.500	10
35-4B48		2 - 4	42.00	16.80	16.80	5.734	3.75	2.40	1.000	2.500	12
		5 - 9	36.00	14.40	14.40						
35-4B54						6.449	4.00	2.40	1.250	2.750	14
35-4B60						7.165	4.00	2.40	1.250	2.750	17

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 26 teeth, add preparation charge of \$30.00 divided by the number of identical items plus \$.30 per strand tooth to the list price.



1/2" PITCH - QUADRUPLE STRAND - STEEL

A.N.S.I. No. 40-4 - Type B Sprockets - Mandrel Bore  
Hardened Through 26 Teeth

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
40-4B14H						2.247	1.68	2.75	.625	1.250	2.2
40-4B15H						2.405	1.85	2.75	.625	1.312	2.3
40-4B16H						2.563	2.01	2.75	.750	1.375	2.6
40-4B17H						2.721	2.17	2.75	.750	1.500	3.0
40-4B18H						2.879	2.34	2.75	.750	1.687	3.4
40-4B19H						3.038	2.50	2.75	.750	1.750	4.0
40-4B20H						3.196	2.65	2.75	.750	1.750	4.6
40-4B21H						3.355	2.81	2.75	.750	1.875	5.2
40-4B22H		1	60.00	24.00	24.00	3.513	2.98	2.75	.750	2.000	5.8
40-4B23H		2 - 4	42.00	16.80	16.80	3.672	3.14	2.75	.750	2.125	6.4
40-4B24H		5 - 9	36.00	14.40	14.40	3.831	3.29	2.75	1.000	2.250	7.0
40-4B25H		10 - 24	33.00	13.20	13.20	3.989	3.45	2.75	1.000	2.250	7.6
40-4B26H						4.148	3.60	2.75	1.000	2.375	9
40-4B28						4.466	3.93	2.75	1.000	2.687	10
40-4B30						4.783	4.26	3.00	1.000	2.750	12
40-4B32						5.101	4.00	3.00	1.000	2.750	12
40-4B35						5.578	4.00	3.00	1.000	2.750	15
40-4B36						5.737	4.00	3.00	1.000	2.750	16
40-4B40						6.373	4.25	3.25	1.250	2.750	21
40-4B45		1	80.00	32.00	32.00	7.168	4.25	3.25	1.250	2.750	26
40-4B48		2 - 4	56.00	22.40	22.40	7.645	4.25	3.25	1.250	2.750	28
40-4B54		5 - 9	48.00	19.20	19.20	8.599	4.25	3.25	1.250	2.750	35
40-4B60						9.554	4.25	3.25	1.250	2.750	43

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 26 teeth, add preparation charge of \$30.00 divided by the number of identical items plus \$.40 per strand tooth to the list price.



5/8" PITCH - QUADRUPLE STRAND - STEEL

A.N.S.I. No. 50-4 - Type B Sprockets - Mandrel Bore  
Hardened Through 26 Teeth

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
50-4B13H						2.612	1.93	3.25	.625	1.312	2.9
50-4B14H						2.809	2.14	3.25	.750	1.375	3.4
50-4B15H						3.006	2.34	3.25	1.000	1.562	3.9
50-4B16H						3.204	2.53	3.25	1.000	1.750	4.6
50-4B17H						3.401	2.73	3.25	1.000	1.750	5.4
50-4B18H						3.599	2.93	3.25	1.000	1.937	6.8
50-4B19H						3.797	3.12	3.25	1.000	2.125	7.3
50-4B20H						3.995	3.32	3.50	1.000	2.250	8.3
50-4B21H		1	80.00	32.00	32.00	4.193	3.53	3.50	1.000	2.250	9.3
50-4B22H		2 - 4	56.00	22.40	22.40	4.392	3.73	3.50	1.000	2.500	10
50-4B23H		5 - 9	48.00	19.20	19.20	4.590	3.93	3.50	1.000	2.667	11
50-4B24H		10 - 24	44.00	17.60	17.60	4.788	4.14	3.50	1.000	2.750	12
50-4B25H						4.987	4.34	3.50	1.000	2.875	15
50-4B26H						5.185	4.53	3.50	1.000	3.000	17
50-4B28						5.582	4.25	3.75	1.250	2.750	17
50-4B30						5.979	4.50	3.75	1.250	3.000	20
50-4B32						6.376	4.50	3.75	1.250	3.000	23
50-4B35						6.792	4.50	3.75	1.250	3.000	26
50-4B36						7.171	4.50	3.75	1.250	3.000	28
50-4B40						7.966	4.50	3.75	1.250	3.000	36
50-4B45		1	100.00	40.00	40.00	8.960	4.50	3.75	1.250	3.000	45
50-4B48		2 - 4	70.00	40.00	28.00	9.556	4.50	3.75	1.250	3.000	50
		5 - 9	60.00	24.00	24.00						
50-4B54						10.749	4.50	3.75	1.250	3.000	57
50-4B60						11.942	5.00	3.75	1.437	3.250	77

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 26 teeth, add preparation charge of \$30.00 divided by the number of identical items plus \$.45 per strand tooth to the list price.



3/4" PITCH - QUADRUPLE STRAND - STEEL

A.N.S.I. No. 60-4 - Type B Sprockets - Mandrel Bore  
Hardened Through 26 Teeth

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
60-4B13H						3.134	2.31	4.00	1.000	1.562	5.7
60-4B14H						3.370	2.56	4.00	1.000	1.750	6.3
60-4B15H						3.607	2.79	4.00	1.000	1.750	7.5
60-4B16H						3.844	3.03	4.00	1.000	2.000	8.8
60-4B17H		1	80.00	32.00	32.00	4.082	3.28	4.00	1.000	2.250	10
60-4B18H		2 - 4	56.00	22.40	22.40	4.319	3.53	4.00	1.000	2.250	11
60-4B19H		5 - 9	48.00	19.20	19.20	4.557	3.76	4.00	1.000	2.500	13
60-4B20H		10 - 24	44.00	17.60	17.60	4.794	4.00	4.00	1.250	2.750	15
60-4B21H						5.032	4.26	4.00	1.250	2.750	16
60-4B22H						5.270	4.50	4.00	1.250	3.000	18
60-4B23H						5.508	4.73	4.00	1.250	3.250	20
60-4B24H						5.746	4.50	4.43	1.250	3.000	21
60-4B25H						5.984	4.50	4.43	1.250	3.000	25
60-4B26H						6.222	4.50	4.43	1.250	3.000	26
60-4B28						6.699	4.50	4.43	1.250	3.000	30
60-4B30						7.175	5.00	4.43	1.437	3.250	35
60-4B32						7.652	5.00	4.43	1.437	3.250	42
60-4B35		1	100.00	40.00	40.00	8.367	5.00	4.43	1.437	3.250	48
60-4B36		2 - 4	70.00	28.00	28.00	8.605	5.00	4.43	1.437	3.250	51
60-4B40		5 - 9	60.00	24.00	24.00	9.559	5.00	4.43	1.437	3.250	64
60-4B45						10.752	5.00	4.43	1.437	3.250	78
60-4B48						11.467	5.00	4.43	1.437	3.250	87
60-4B54						12.899	5.00	4.43	1.437	3.250	112
60-4B60						14.330	5.00	4.43	1.437	3.250	137

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 26 teeth, add preparation charge of \$30.00 divided by the number of identical items plus \$.70 per strand tooth to the list price.



1" PITCH - QUADRUPLE STRAND - STEEL

A.N.S.I. No. 80-4 - Type B and C Sprockets - Mandrel Bore  
 Hardened Through 26 Teeth

Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
80-4B12H						3.864	2.78	5.00	1.250	1.812	9
80-4B13H						4.179	3.10	5.00	1.250	2.125	11
80-4B14H						4.494	3.43	5.00	1.250	2.250	14
80-4B15H		1	100.00	40.00	40.00	4.810	3.78	5.00	1.250	2.500	17
		2 - 4	70.00	28.00	28.00						
		5 - 9	60.00	24.00	24.00						
80-4B16H						5.126	4.09	5.00	1.250	2.750	20
80-4B17H						5.442	4.40	5.00	1.437	2.875	23
80-4B18H						5.759	4.71	5.00	1.437	3.187	26
80-4B19H						6.076	5.04	5.00	1.437	3.250	30
80-4B20H						6.392	5.37	5.00	1.437	3.625	33
80-4B21H						6.710	5.00	5.43	1.437	3.250	37
80-4B22H						7.027	5.00	5.43	1.437	3.250	43
80-4B23H						7.344	5.00	5.43	1.437	3.250	46
80-4B24H						7.661	5.00	5.43	1.437	3.250	50
80-4B25H		1	140.00	56.00	56.00	7.979	5.00	5.43	1.437	3.250	54
80-4B26H		2 - 4	98.00	39.00	39.00	8.296	5.00	5.43	1.437	3.250	59
80-4B28		5 - 9	84.00	33.00	33.00	8.931	5.00	5.43	1.437	3.250	65
80-4B30						9.567	5.50	5.62	1.687	3.625	76
80-4B32						10.202	5.50	5.62	1.687	3.625	86
80-4B35						11.156	5.50	5.62	1.687	3.625	107
80-4B36						11.474	5.50	5.62	1.687	3.625	111
80-4B40						12.745	5.50	5.62	1.687	3.625	135
80-4B45						14.336	6.00	5.62	2.187	3.625	155
80-4B48						15.290	6.00	5.62	2.187	3.625	176

Type C - Equal Hub Both Sides - Steel

		1	200.00	80.00	80.00						
80-4C54		2 - 4	140.00	56.00	56.00	17.198	6.00	5.75	2.187	3.750	105
80-4C60		5 - 9	120.00	48.00	48.00	19.107	6.00	5.75	2.187	3.750	120

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Over 26 teeth, add preparation charge of \$50.00 divided by the number of identical items plus \$.90 per strand tooth to the list price.



1 1/4" PITCH - QUADRUPLE STRAND - STEEL

A.N.S.I. No. 100-4 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
100-4B12						4.830	3.48	6.00	1.437	2.250	19
100-4B13						5.223	3.89	6.00	1.437	2.625	24
100-4B14						5.617	4.29	6.00	1.437	2.750	27
100-4B15						6.012	4.70	6.00	1.437	3.187	32
100-4B16		1	120.00	48.00	48.00	6.407	5.09	6.00	1.687	3.375	38
100-4B17		2 - 4	84.00	33.00	33.00	6.803	5.50	6.00	1.687	3.625	44
100-4B18		5 - 9	72.00	28.00	28.00	7.198	5.50	6.50	1.687	3.625	53
100-4B19						7.594	5.50	6.50	1.687	3.625	58
100-4B20						7.991	5.50	6.50	1.687	3.625	64
100-4B21						8.387	5.50	6.50	1.687	3.625	68
100-4B22						8.783	5.50	6.50	1.687	3.625	74
100-4B23						9.180	5.50	6.50	1.687	3.625	80
100-4B24						9.577	6.00	6.50	2.187	4.000	87
100-4B25						9.973	6.00	6.50	2.187	4.000	93
100-4B26		1	160.00	64.00	64.00	10.370	6.00	6.50	2.187	4.000	110
100-4B28		2 - 4	112.00	44.00	44.00	11.164	6.00	6.50	2.187	4.000	122
100-4B30		5 - 9	96.00	38.00	38.00	11.958	6.00	6.50	2.187	4.000	140
100-4B32						12.753	6.00	6.50	2.187	4.000	160
100-4B35						13.945	6.00	6.50	2.187	4.000	193
100-4B36						14.342	6.00	6.50	2.187	4.000	200

Type C - Equal Hub Both Sides - Steel

100-4C40						15.932	6.50	6.25	2.187	4.500	131
100-4C45		1	250.00	100.00	100.00	17.919	6.50	6.25	2.187	4.500	145
100-4C48		2 - 4	175.00	70.00	70.00	19.112	6.50	6.25	2.187	4.500	159
100-4C54		5 - 9	150.00	60.00	60.00	21.498	7.25	6.25	2.937	4.750	173
100-4C60						23.884	7.25	6.25	2.937	4.750	197
100-4C72		1	300.00	120.00	120.00	28.657	7.25	6.25	2.937	4.750	255
		2 - 4	210.00	84.00	84.00						
		5 - 9	180.00	72.00	72.00						

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$50.00 divided by the number of identical items plus \$1.20 per strand tooth to the list price.



1 1/2" PITCH - QUADRUPLE STRAND - STEEL

A.N.S.I. No. 120-4 - Type B and C Sprockets - Mandrel Bore  
Type B - Hub One Side

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Approx. Weight
120-4B12						5.796	4.20	7.37	1.687	2.750	37
120-4B13						6.268	4.67	7.37	1.687	3.000	44
120-4B14						6.741	5.17	7.37	1.687	3.375	51
120-4B15		1	200.00	80.00	80.00	7.215	5.65	7.37	1.687	3.875	63
		2 - 4	140.00	56.00	56.00						
		5 - 9	120.00	48.00	48.00						
120-4B15						7.689	6.12	7.37	1.687	4.000	72
120-4B17						8.163	6.00	7.84	1.687	4.000	82
120-4B18						8.638	6.00	7.84	1.687	4.000	92
120-4B19						9.113	6.00	7.84	1.687	4.000	103
120-4B20						9.589	6.50	7.84	2.187	4.500	110
120-4B21						10.064	6.50	7.84	2.187	4.500	120
120-4B22						10.540	6.50	7.84	2.187	4.500	140
120-4B23						11.016	6.50	7.84	2.187	4.500	152
120-4B24		1	250.00	100.00	100.00	11.492	7.00	7.90	2.187	4.750	168
120-4B25		2 - 4	175.00	70.00	70.00	11.968	7.00	7.90	2.187	4.750	179
120-4B26		5 - 9	150.00	60.00	60.00	12.444	7.00	7.90	2.187	4.750	190
120-4B28						13.397	7.00	7.90	2.187	4.750	225
120-4B30						14.350	8.00	8.15	2.187	5.500	250
120-4B32						15.303	8.00	8.15	2.187	5.500	290
120-4B35						16.734	8.00	8.15	2.187	5.500	330
120-4B36						17.211	8.00	8.15	2.187	5.500	370

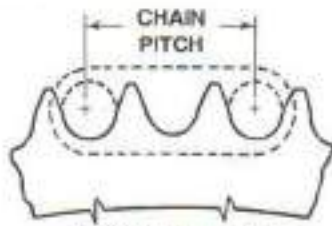
Type C - Equal Hub Both Sides - Steel

120-4C40						19.188	8.00	7.75	2.937	5.500	264
120-4C45		1	300.00	120.00	120.00	21.503	8.00	7.75	2.937	5.500	310
		2 - 4	210.00	84.00	84.00						
		5 - 9	180.00	72.00	72.00						
120-4C48						22.935	8.00	7.75	2.937	5.500	370
120-4C54						25.798	8.00	7.75	2.937	5.500	400
120-4C60						28.661	8.00	7.75	2.937	5.500	470

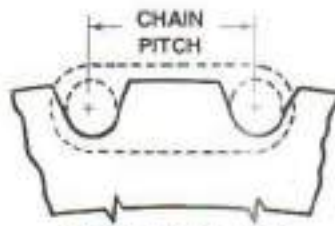
Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$50.00 divided by the number of identical items plus \$1.60 per strand tooth to the list price.

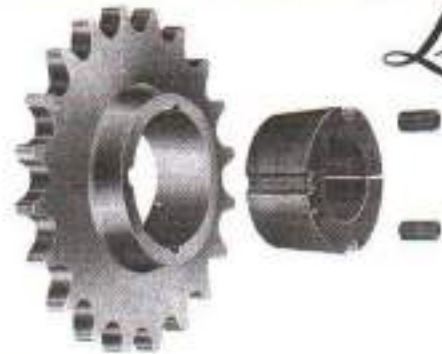
2040 & 2050  
Taper-Lock®



STOCK ITEMS ARE  
DOUBLE DUTY



SINGLE DUTY ITEMS  
AVAILABLE MADE-TO-ORDER



**1" PITCH (.312" ROLL) - SINGLE STRAND - STEEL**

**A.N.S.I. No. 2040 (Double Pitch) - Type B - TAPER-LOCK® Bushed Sprockets - Hub One Side  
Hardened Through 11 1/2 Teeth**

**.284" Nominal Face Width**

Size and List Price						Dimensions - Weights						
Effect. No. Teeth	Actual No. Teeth	Catalog No.	Sprocket Only	Bushing Only	Bushing Size	Bushing Bores		Pitch Dia.	Hub Type	Length Thru Bore	Approx. Wts.	
						Min.	Max.				Spkt. Only	Bush. Only
8.5	17	2040TLB8.5H				500	1.000	2.768	B	.87	.5	.2
9.5	19	2040TLB9.5H				500	1.250	3.080	B	1.00	.6	.5
11.5	23	2040TLB11.5H				500	1.625	3.706	B	1.00	1.4	.7
15.5	31	2040TLB15.5				500	1.625	4.968	B	1.00	2.8	.7

**1 1/4" (.400" ROLL) - SINGLE STRAND - STEEL**

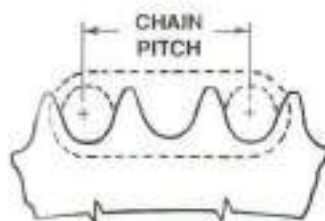
**A.N.S.I. No. 2050 (Double Pitch) - Type B - TAPER-LOCK® Bushed Sprockets - Hub One Side  
Hardened Through 10 Teeth**

**.343" Nominal Face Width**

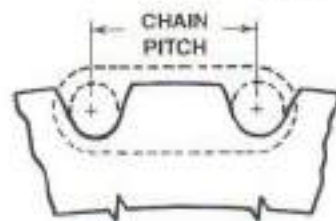
Size and List Price						Dimensions - Weights						
Effect. No. Teeth	Actual No. Teeth	Catalog No.	Sprocket Only	Bushing Only	Bushing Size	Bushing Bores		Pitch Dia.	Hub Type	Length Thru Bore	Approx. Wts.	
						Min.	Max.				Spkt. Only	Bush. Only
9	18	2050TLB9H				500	1.250	3.655	B	1.00	1.2	.5
10	20	2050TLB10H				500	1.625	4.045	B	1.00	1.6	.7
10.5	21	2050TLB10.5				500	1.625	4.241	B	1.00	2.6	.7
12.5	25	2050TLB12.5				500	2.000	5.026	B	1.25	3.9	1.2
17.5	35	2050TLB17.5				500	2.000	7.001	B	1.25	5.7	1.2

**HARDENING:** No. 2040 over 11 1/2 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.80 per effective tooth to list price.

No. 2050 over 10 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$.90 per effective tooth to list price.



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1 1/2" PITCH (.469" ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 2060 (Double Pitch) - Type B - TAPER-LOCK® Bushed Sprockets - Hub One Side  
Hardened Through 9 1/2 Teeth  
.459" Nominal Face Width

Size and List Price						Dimensions - Weights						
Effect. No. Teeth	Actual No. Teeth	Catalog No.	Sprocket Only	Bushings Only	Bushings Size	Bushings Bores		Pitch Dia.	Hub Type	Length Thru Bore	Approx. Wts.	
						Min.	Max.				Spkt. Only	Bush. Only
8.5	17	2060TLB8.5H				.500	1.625	4.152	B	1.00	1.9	.7
9.5	19	2060TLB9.5H				.500	1.625	4.620	B	1.00	2.4	.7
10	20	2060TLB10				.500	1.625	4.854	B	1.00	2.7	.7
10.5	21	2060TLB10.5				.500	2.000	5.089	B	1.25	3.0	1.2
11.5	23	2060TLB11.5				.500	2.000	5.560	B	1.25	3.6	1.2
12.5	25	2060TLB12.5				.500	2.000	6.032	B	1.25	4.3	1.2
13.5	27	2060TLB13.5				.500	2.000	6.504	B	1.25	4.9	1.2
15.5	31	2060TLB15.5				.500	2.000	7.452	B	1.25	6.3	1.2
17.5	35	2060TLB17.5				.500	2.000	8.401	B	1.25	7.6	1.2

2" PITCH (.625" ROLL) - SINGLE STRAND - STEEL

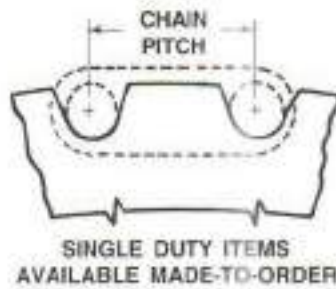
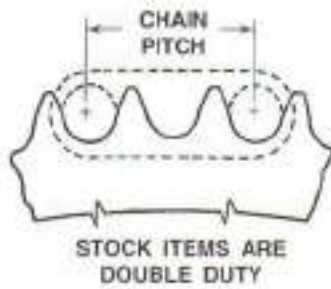
A.N.S.I. No. 2080 (Double Pitch) - Type B - TAPER-LOCK® Bushed Sprockets - Hub One Side  
.575" Nominal Face Width

Size and List Price						Dimensions - Weights						
Effect. No. Teeth	Actual No. Teeth	Catalog No.	Sprocket Only	Bushings Only	Bushings Size	Bushings Bores		Pitch Dia.	Hub Type	Length Thru Bore	Approx. Wts.	
						Min.	Max.				Spkt. Only	Bush. Only
8.5	17	2080TLB8.5				.500	2.000	5.536	B	1.25	5.1	1.2
9.5	19	2080TLB9.5				.500	2.500	6.160	B	1.75	6.1	2.4
10	20	2080TLB10				.500	2.500	6.472	B	1.75	8.1	2.4
10.5	21	2080TLB10.5				.500	2.500	6.785	B	1.75	8.7	2.4
11.5	23	2080TLB11.5				.500	2.500	7.413	B	1.75	9.8	2.4
12.5	25	2080TLB12.5				.500	2.500	8.042	B	1.75	11	2.4
13.5	27	2080TLB13.5				.500	2.500	8.672	B	1.75	12	2.4
15.5	31	2080TLB15.5				.500	2.500	9.938	B	1.75	15	2.4
17.5	35	2080TLB17.5				.500	2.500	11.201	B	1.75	19	2.4

**HARDENING:** No. 2060 over 9 1/2 teeth, add preparation charge of \$10.00 divided by the number of identical items plus \$1.40 per effective tooth to list price.

No. 2080 - add preparation charge of \$20.00 divided by the number of identical items plus \$1.80 per effective tooth to list price.

2040 A  
2050 A



**1" PITCH (.312" ROLL) - SINGLE STRAND - STEEL**

**A.N.S.I. No. 2040 (Double Pitch) - Type A Sprockets - No Hub - Mandrel Bore  
.284" Nominal Face Width**

Size and List Price				Alteration Charges List Price Each		Dimensions - Weights		
Effect. No. Teeth	Actual No. Teeth	Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
12.5	25	2040A12.5		1	30.00	4.021	.625	1.0
13.5	27	2040A13.5		2 - 4	21.00	4.336	.625	1.1
15.5	31	2040A15.5		5 - 9	18.00	4.968	.625	1.5
17.5	35	2040A17.5		10 - 24	16.50	5.600	.625	2.0

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical parts plus \$2.50 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.40 per effective tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.80 per effective tooth to the list price.

**1 1/4" PITCH (.400" ROLL) - SINGLE STRAND - STEEL**

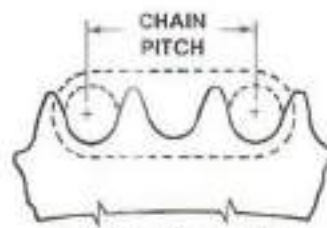
**A.N.S.I. No. 2050 (Double Pitch) - Type A Sprockets - No Hub - Mandrel Bore  
.343" Nominal Face Width**

Size and List Price				Alteration Charges List Price Each		Dimensions - Weights		
Effect. No. Teeth	Actual No. Teeth	Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
10.5	21	2050A10.5				4.241	.750	1.3
11.5	23	2050A11.5		1	30.00	4.633	.750	1.6
12.5	25	2050A12.5		2 - 4	21.00	5.026	.750	1.9
				5 - 9	18.00			
13.5	27	2050A13.5		10 - 24	16.50	5.420	.750	2.1
15.5	31	2050A15.5				6.210	.750	2.9
17.5	35	2050A17.5				7.001	.750	3.7

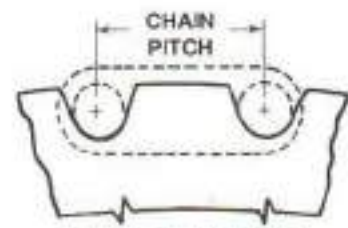
**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical parts plus \$2.50 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.50 per effective tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.90 per effective tooth to the list price.



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2060 A  
2080 A

**1 1/2" PITCH (.469" ROLL) - SINGLE STRAND - STEEL**

**A.N.S.I. No. 2060 (Double Pitch) - Type A Sprockets - No Hub - Mandrel Bore  
.459" Nominal Face Width**

Size and List Price				Alteration Charges List Price Each		Dimensions - Weights		
Effect. No. Teeth	Actual No. Teeth	Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
10	20	2060A10				4.854	.750	2.2
10.5	21	2060A10.5				5.089	.750	2.5
11.5	23	2060A11.5		1	30.00	5.560	1.000	3.1
12.5	25	2060A12.5		2 - 4	21.00	6.032	1.000	3.6
				5 - 9	18.00			
13.5	27	2060A13.5		10 - 24	16.50	6.504	1.000	4.2
15.5	31	2060A15.5				7.452	1.000	5.6
17.5	35	2060A17.5				8.401	1.000	7.2

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical parts plus \$3.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.70 per effective tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$1.40 per effective tooth to the list price.

**2" PITCH (.625" ROLL) - SINGLE STRAND - STEEL**

**A.N.S.I. No. 2080 (Double Pitch) - Type A Sprockets - No Hub - Mandrel Bore  
.575" Nominal Face Width**

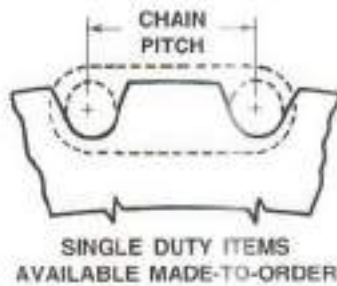
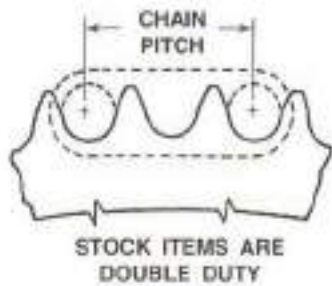
Size and List Price				Alteration Charges List Price Each		Dimensions - Weights		
Effect. No. Teeth	Actual No. Teeth	Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
8.5	17	2080A8.5				5.536	1.000	3.7
9	18	2080A9				5.848	1.000	4.2
9.5	19	2080A9.5				6.160	1.000	4.7
10	20	2080A10				6.472	1.000	5.1
10.5	21	2080A10.5				6.785	1.000	5.7
11.5	23	2080A11.5		1	40.00	7.413	1.000	6.8
12.5	25	2080A12.5		2 - 4	28.00	8.042	1.000	8.0
13.5	27	2080A13.5		5 - 9	24.00	8.672	1.250	9.2
15.5	31	2080A15.5		10 - 24	22.00	9.936	1.250	12
17.5	35	2080A17.5				11.201	1.250	16

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$30.00 divided by the number of identical parts plus \$4.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$1.20 per effective tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$1.80 per effective tooth to the list price.

2100 A



**2 1/2" PITCH (.750" ROLL) - SINGLE STRAND - STEEL**

**A.N.S.I. No. 2100 (Double Pitch) - Type A Sprockets - No Hub - Mandrel Bore  
.692" Nominal Face Width**

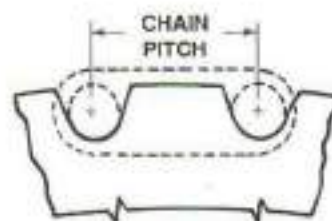
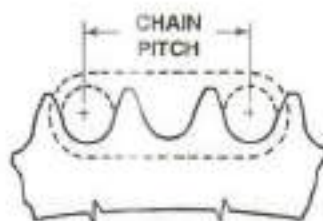
Size and List Price				Alteration Charges List Price Each		Dimensions - Weights		
Effect. No. Teeth	Actual No. Teeth	Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx Weight
7.5	15	2100A7.5				6.146	1.250	5.6
8	16	2100A8				6.532	1.250	6.4
8.5	17	2100A8.5		1	40.00	6.920	1.250	7.1
9	18	2100A9		2 - 4	28.00	7.310	1.250	7.9
				5 - 9	24.00			
9.5	19	2100A9.5		10 - 24	22.00	7.700	1.250	8.9
10	20	2100A10				8.090	1.250	9.9
10.5	21	2100A10.5				8.481	1.250	11
11.5	23	2100A11.5		1	50.00	9.266	1.250	13
12.5	25	2100A12.5		2 - 4	35.00	10.053	1.250	15
13.5	27	2100A13.5		5 - 9	30.00	10.840	1.250	17

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$30.00 divided by the number of identical parts plus \$5.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$1.60 per effective tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$2.40 per effective tooth to the list price.

**STAINLESS STEEL EXTENDED PITCH  
Sprockets Available Made-To-Order**



**3" PITCH (.875" ROLL) - SINGLE STRAND - STEEL**

**A.N.S.I. No. 2120 (Double Pitch) - Type A Sprockets - No Hub - Mandrel Bore  
.924" Nominal Face Width**

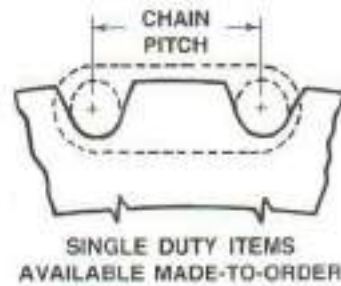
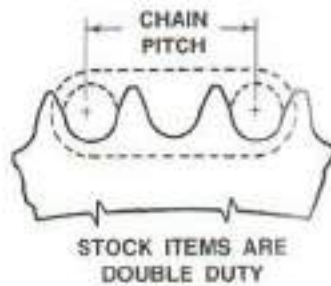
Size and List Price				Alteration Charges List Price Each		Dimensions - Weights		
Effect. No. Teeth	Actual No. Teeth	Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
7	14	2120A7				6.915	1.437	9.3
7.5	15	2120A7.5		1	40.00	7.376	1.437	10
8	16	2120A8		2-4	28.00	7.839	1.437	12
				5-9	24.00			
8.5	17	2120A8.5		10-24	22.00	8.305	1.437	13
9	18	2120A9				8.771	1.437	15
9.5	19	2120A9.5				9.240	1.437	17
10	20	2120A10		1	60.00	9.708	1.437	18
10.5	21	2120A10.5		2-4	42.00	10.179	1.437	20
11.5	23	2120A11.5		5-9	36.00	11.120	1.437	25
12.5	25	2120A12.5				12.063	1.667	29

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$30.00 divided by the number of identical parts plus \$6.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$2.20 per effective tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$3.20 per effective tooth to the list price.

2040 B



1" PITCH (.312" ROLL) - SINGLE STRAND - STEEL

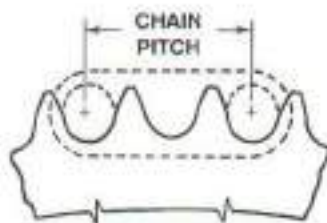
A.N.S.I. No. 2040 (Double Pitch) - Type B Sprockets - Hub One Side - Mandrel Bore  
.284" Nominal Face Width

Size and List Price				Alteration Charges List Price Each				Dimensions - Weights					
Effect. No. Teeth	Actual No. Teeth	Catalog No.	List Price	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru-Bore	Stock Bore *	Max. Bore	Appx. Wt.
7	14	2040B7						2.305	1.57	.87	.500	1.125	.6
7.5	15	2040B7.5						2.458	1.71	.87	.500	1.250	.7
8	16	2040B8						2.613	1.87	.87	.500	1.250	.8
8.5	17	2040B8.5						2.768	2.06	.87	.625	1.375	.9
9	18	2040B9		1	25.00	10.00	10.00	2.924	2.21	.87	.625	1.562	1.0
9.5	19	2040B9.5		2 - 4	17.50	7.00	7.00	3.080	2.37	.87	.625	1.687	1.2
10	20	2040B10		5 - 9	15.00	6.00	6.00	3.236	2.55	1.00	.625	1.750	1.4
10.5	21	2040B10.5		10 - 24	13.80	5.50	5.50	3.392	2.71	1.00	.625	1.750	1.8
12.5	25	2040B12.5						4.021	2.50	1.12	.625	1.750	2.0
13.5	27	2040B13.5						4.336	2.75	1.12	.625	1.750	2.3
15.5	31	2040B15.5						4.968	2.75	1.12	.625	1.750	2.8
17.5	35	2040B17.5						5.600	2.75	1.12	.625	1.750	3.3

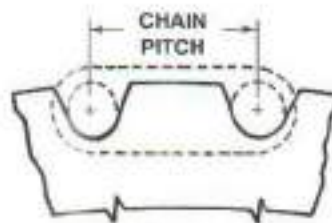
\*Stock bores of sprockets with 11.5 effective teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$.80 per effective tooth to the list price.



STOCK ITEMS ARE DOUBLE DUTY



SINGLE DUTY ITEMS AVAILABLE MADE-TO-ORDER



1 1/4" PITCH (.400" ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 2050 (Double Pitch) - Type B Sprockets - Hub One Side - Mandrel Bore  
.343" Nominal Face Width

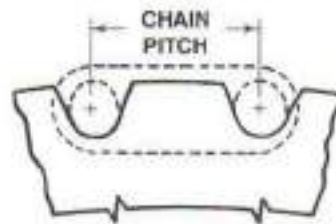
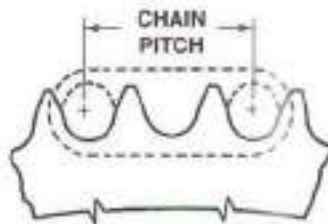
Size and List Price				Alteration Charges List Price Each				Dimensions - Weights					
Effect. No. Teeth	Actual No. Teeth	Catalog No.	List Price	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
6.5	13	2050B6.5						2.690	1.73	1.00	.625	1.250	.8
7	14	2050B7						2.881	1.93	1.00	.625	1.312	1.0
7.5	15	2050B7.5						3.073	2.15	1.00	.625	1.375	1.2
8	16	2050B8						3.266	2.35	1.00	.625	1.687	1.4
8.5	17	2050B8.5						3.460	2.57	1.00	.625	1.750	1.7
9	18	2050B9		1	25.00	10.00	10.00	3.655	2.79	1.00	.625	1.812	2.0
9.5	19	2050B9.5		2 - 4	17.50	7.00	7.00	3.850	2.98	1.00	.625	2.000	2.2
10	20	2050B10		5 - 9	15.00	6.00	6.00	4.045	3.18	1.00	.625	2.000	2.4
				10 - 24	13.80	5.50	5.50						
10.5	21	2050B10.5						4.241	3.00	1.31	.750	2.000	3.0
11.5	23	2050B11.5						4.633	3.00	1.31	.750	2.000	3.3
12.5	25	2050B12.5						5.026	3.00	1.31	.750	2.000	3.6
13.5	27	2050B13.5						5.420	3.00	1.31	.750	2.000	3.8
15.5	31	2050B15.5						6.210	3.00	1.31	.750	2.000	4.6
17.5	35	2050B17.5						7.001	3.00	1.31	.750	2.000	5.4

\*Stock bores of sprockets with 10.5 effective teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$.90 per effective tooth to the list price.

2060 B



1 1/2" PITCH (.469" ROLL) - SINGLE STRAND - STEEL

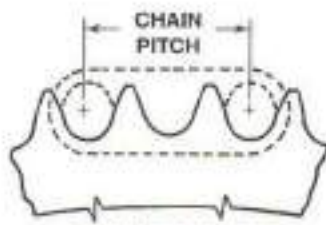
A.N.S.I. No. 2060 (Double Pitch) - Type B Sprockets - Hub One Side - Mandrel Bore  
.459" Nominal Face Width

Size and List Price				Alteration Charges List Price Each				Dimensions - Weights					
Effect. No. Teeth	Actual No. Teeth	Catalog No.	List Price	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Dia.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
6.5	13	2060B6.5						3.228	2.07	1.25	.750	1.375	1.8
7	14	2060B7						3.457	2.34	1.25	.750	1.562	2.0
7.5	15	2060B7.5						3.688	2.59	1.25	.750	1.750	2.4
8	16	2060B8						3.920	2.84	1.25	.750	1.750	2.8
8.5	17	2060B8.5						4.152	3.09	1.25	.750	2.062	3.3
9	18	2060B9						4.386	3.34	1.25	.750	2.250	3.8
9.5	19	2060B9.5		1	25.00	10.00	10.00	4.620	3.59	1.25	.750	2.250	4.3
10	20	2060B10		2 - 4	17.50	7.00	7.00	4.854	3.25	1.46	.750	2.250	4.5
				5 - 9	15.00	6.00	6.00						
10.5	21	2060B10.5		10 - 24	13.80	5.50	5.50	5.089	3.25	1.46	.750	2.250	4.8
11.5	23	2060B11.5						5.560	3.50	1.50	1.000	2.250	5.9
12.5	25	2060B12.5						6.032	3.50	1.50	1.000	2.250	6.4
13.5	27	2060B13.5						6.504	3.50	1.50	1.000	2.250	7.1
15.5	31	2060B15.5						7.452	3.50	1.50	1.000	2.250	8.6
17.5	35	2060B17.5						8.401	3.75	1.50	1.000	2.500	10

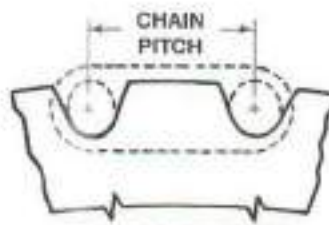
\*Stock bores of sprockets with 10 effective teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$1.40 per effective tooth to the list price.



STOCK ITEMS ARE  
DOUBLE DUTY



SINGLE DUTY ITEMS  
AVAILABLE MADE-TO-ORDER



2" PITCH (.625" ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 2080 (Double Pitch) - Type B Sprockets - Hub One Side - Mandrel Bore  
.575" Nominal Face Width

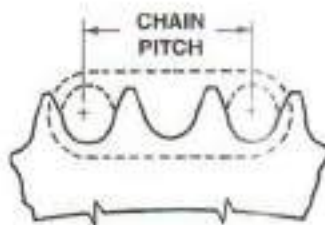
Size and List Price				Alteration Charges List Price Each				Dimensions - Weights					
Effect. No. Teeth	Actual No. Teeth	Catalog No.	List Price	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Dia.	Hub Dia.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
6.5	13	2080B6.5						4.304	2.78	1.50	1.000	1.812	3.6
7	14	2080B7						4.610	3.12	1.50	1.000	2.125	4.4
7.5	15	2080B7.5						4.917	3.46	1.50	1.000	2.250	5.2
8	16	2080B8						5.226	3.79	1.50	1.000	2.500	6.2
8.5	17	2080B8.5		1	30.00	12.00	12.00	5.536	3.75	1.62	1.000	2.500	6.8
9	18	2080B9		2 - 4	21.00	8.40	8.40	5.848	4.00	1.62	1.000	2.750	7.7
9.5	19	2080B9.5		5 - 9	18.00	7.20	7.20	6.160	4.00	1.62	1.000	2.750	8.2
10	20	2080B10		10 - 24	16.50	6.60	6.60	6.472	4.00	1.62	1.000	2.750	8.6
10.5	21	2080B10.5						6.785	4.00	1.62	1.000	2.750	9.2
11.5	23	2080B11.5						7.413	4.00	1.62	1.000	2.750	10
12.5	25	2080B12.5						8.042	4.00	1.62	1.000	2.750	12
13.5	27	2080B13.5		1	40.00	16.00	16.00	8.672	4.25	1.87	1.250	2.750	14
15.5	31	2080B15.5		2 - 4	28.00	11.20	11.20	9.936	4.25	1.87	1.250	2.750	17
17.5	35	2080B17.5		5 - 9	24.00	9.60	9.60	11.201	4.25	1.87	1.250	2.750	21
				10 - 24	22.00	8.80	8.80						

\*Stock bores of sprockets with 8.5 effective teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

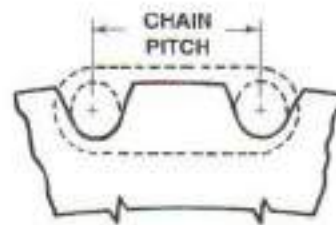
Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical items plus \$1.80 per effective tooth to the list price.

2100 B



STOCK ITEMS ARE  
DOUBLE DUTY



SINGLE DUTY ITEMS  
AVAILABLE MADE-TO-ORDER

2 1/2" PITCH (.750" ROLL) - SINGLE STRAND - STEEL

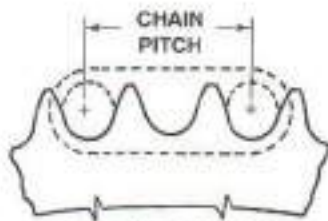
A.N.S.I. No. 2100 (Double Pitch) - Type B Sprockets - Hub One Side - Mandrel Bore  
.692" Nominal Face Width

Size and List Price				Alteration Charges List Price Each				Dimensions - Weights					
Effect. No. Teeth	Actual No. Teeth	Catalog No.	List Price	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Dia.	Hub Dia.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
6.5	13	2100B6.5						5.380	3.48	1.75	1.250	2.250	6.6
7	14	2100B7						5.762	3.90	1.75	1.250	2.625	8.0
7.5	15	2100B7.5						6.146	3.75	1.75	1.250	2.500	8.8
				1	40.00	16.00	16.00						
8	16	2100B8		2 - 4	28.00	11.20	11.20	6.532	4.25	2.00	1.250	2.750	11
8.5	17	2100B8.5		5 - 9	24.00	9.60	9.60	6.920	4.25	2.00	1.250	2.750	12
9	18	2100B9		10 - 24	22.00	8.80	8.80	7.310	4.25	2.00	1.250	2.750	13
9.5	19	2100B9.5						7.700	4.25	2.00	1.250	2.750	14
10	20	2100B10						8.090	4.25	2.00	1.250	2.750	15
10.5	21	2100B10.5						8.481	4.25	2.00	1.250	2.750	16
11.5	23	2100B11.5		1	50.00	20.00	20.00	9.266	4.50	2.00	1.250	3.000	19
12.5	25	2100B12.5		2 - 4	35.00	14.00	14.00	10.053	4.50	2.00	1.250	3.000	21
13.5	27	2100B13.5		5 - 9	30.00	12.00	12.00	10.840	4.50	2.00	1.250	3.000	23

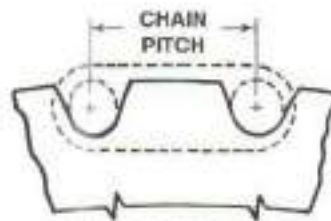
\*Stock bores of sprockets with 7.5 effective teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical items plus \$2.40 per effective tooth to the list price.



STOCK ITEMS ARE  
DOUBLE DUTY



SINGLE DUTY ITEMS  
AVAILABLE MADE-TO-ORDER



**3" PITCH (.875" ROLL) - SINGLE STRAND - STEEL**

**A.N.S.I. No. 2120 (Double Pitch) - Type B Sprockets - Hub One Side - Mandrel Bore  
.924" Nominal Face Width**

Size and List Price				Alteration Charges List Price Each				Dimensions - Weights					
Effect. No. Teeth	Actual No. Teeth	Catalog No.	List Price	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
6.5	13	2120B6.5						6.456	4.18	2.12	1.437	2.750	12
7	14	2120B7						6.915	4.25	2.18	1.437	2.750	13
7.5	15	2120B7.5						7.376	4.50	2.18	1.437	3.000	16
8	16	2120B8						7.839	4.50	2.18	1.437	3.000	17
8.5	17	2120B8.5		1	50.00	20.00	20.00	8.305	5.00	2.31	1.437	3.250	21
9	18	2120B9		2 - 4	35.00	14.00	14.00	8.771	5.00	2.31	1.437	3.250	22
9.5	19	2120B9.5		5 - 9	30.00	12.00	12.00	9.240	5.00	2.31	1.437	3.250	24
10	20	2120B10						9.708	5.00	2.31	1.437	3.250	26
10.5	21	2120B10.5						10.179	5.00	2.31	1.437	3.250	28
11.5	23	2120B11.5						11.120	5.00	2.31	1.437	3.250	32
12.5	25	2120B12.5						12.063	5.50	2.50	1.687	3.625	39

\*Stock bores of sprockets with 7 effective teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical items plus \$3.20 per effective tooth to the list price.

**STAINLESS STEEL *EXTENDED PITCH*  
Sprockets Available Made-To-Order**



1" PITCH (.625" ROLL) - SINGLE STRAND - STEEL

A.N.S.I. NO. 2042 (Double Pitch - Large Roll) - Type A Sprockets - No Hub - Mandrel Bore  
.284" Nominal Face Width

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
2042A12				3.864	.625	.9
2042A13				4.179	.625	1.1
2042A14				4.494	.625	1.2
2042A15				4.810	.625	1.4
2042A16		1	30.00	5.126	.625	1.6
2042A17		2 - 4	21.00	5.442	.625	1.8
2042A18		5 - 9	18.00	5.759	.750	2.1
2042A19		10 - 24	16.50	6.076	.750	2.2
2042A20				6.392	.750	2.5
2042A21				6.710	.750	2.8
2042A22				7.027	.750	3.1
2042A23				7.344	.750	3.3
2042A24				7.661	.750	3.6

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical parts plus \$2.50 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.40 per effective tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.80 per effective tooth to the list price.



1 1/4" PITCH (.750" ROLL) - SINGLE STRAND - STEEL

A.N.S.I. N0. 2052 (Double Pitch - Large Roll) - Type A Sprockets - No Hub - Mandrel Bore  
.343" Nominal Face Width

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
2052A11				4.437	.750	1.5
2052A12				4.830	.750	1.7
2052A13				5.223	.750	2.1
2052A14				5.617	.750	2.3
2052A15		1	30.00	6.012	.750	2.7
2052A16		2 - 4	21.00	6.407	.750	3.1
2052A17		5 - 9	18.00	6.803	.750	3.5
2052A18		10 - 24	16.50	7.198	1.000	3.9
2052A19				7.595	1.000	4.2
2052A20				7.991	1.000	4.8
2052A21				8.387	1.000	5.3
2052A22				8.783	1.000	5.8
2052A23				9.180	1.000	6.4
2052A24				9.577	1.000	6.8

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical parts plus \$2.50 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.50 per effective tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.90 per effective tooth to the list price.



1 1/2" PITCH (.875" ROLL) - SINGLE STRAND - STEEL

A.N.S.I. NO. 2062 (Double Pitch - Large Roll) - Type A Sprockets - No Hub - Mandrel Bore  
.459" Nominal Face Width

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
2062A10	---			4.854	1.000	2.3
2062A11				5.324	1.000	2.8
2062A12		1	30.00	5.796	1.000	3.2
2062A13		2 - 4	21.00	6.268	1.000	3.6
2062A14		5 - 9	18.00	6.741	1.000	4.4
2062A15		10 - 24	16.50	7.215	1.000	5.1
2062A16				7.689	1.000	5.7
2062A17				8.163	1.000	6.5
2062A18				8.638	1.000	7.2
2062A19				9.113	1.000	8.1
2062A20				9.589	1.000	8.8
2062A21		1	40.00	10.064	1.000	9.7
		2 - 4	28.00			
2062A22		5 - 9	24.00	10.540	1.000	11
2062A23				11.016	1.000	12
2062A24				11.492	1.250	13

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$20.00 divided by the number of identical parts plus \$3.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$.70 per effective tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical parts plus \$1.40 per effective tooth to the list price.



2" PITCH (1.125" ROLL) - SINGLE STRAND - STEEL

A.N.S.I. NO. 2082 (Double Pitch - Large Roll) - Type A Sprockets - No Hub - Mandrel Bore  
.575" Nominal Face Width

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
2082A 9				5.848	1.000	4.3
2082A10				6.472	1.000	5.2
2082A11				7.099	1.000	6.2
2082A12		1	40.00	7.727	1.250	7.4
		2 - 4	28.00			
2082A13		5 - 9	24.00	8.357	1.250	8.7
2082A14				8.988	1.250	10
2082A15				9.620	1.250	12
2082A16				10.252	1.250	13
2082A17				10.885	1.250	15
2082A18				11.518	1.250	17
2082A19		1	60.00	12.151	1.250	19
2082A20		2 - 4	42.00	12.785	1.250	20
2082A21		5 - 9	36.00	13.419	1.250	22
2082A22				14.053	1.250	24
2082A23				14.688	1.250	27
2082A24				15.323	1.250	29

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$30.00 divided by the number of identical parts plus \$4.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$1.20 per effective tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$1.80 per effective tooth to the list price.



2 1/2" PITCH (1.562" ROLL) - SINGLE STRAND - STEEL

A.N.S.I. NO. 2102 (Double Pitch - Large Roll) - Type A Sprockets - No Hub - Mandrel Bore  
.692" Nominal Face Width

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
2102A 9				7.310	1.250	8.1
2102A10				8.090	1.250	9.9
2102A11				8.872	1.250	12
2102A12				9.660	1.250	14
2102A13		1	50.00	10.447	1.250	16
2102A14		2 - 4	35.00	11.235	1.250	19
2102A15		5 - 9	30.00	12.025	1.250	22
2102A16				12.815	1.250	25
2102A17				13.605	1.437	28
2102A18				14.397	1.437	31
2102A19		1	60.00	15.190	1.437	35
2102A20		2 - 4	42.00	15.982	1.437	39
		5 - 9	35.00			

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$30.00 divided by the number of identical parts plus \$5.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$20.00 divided by the number identical parts plus \$1.60 per effective tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$2.40 per effective tooth to the list price.



**3" PITCH (1.750" ROLL) - SINGLE STRAND - STEEL**

**A.N.S.I. NO. 2122 (Double Pitch - Large Roll) - Type A Sprockets - No Hub - Mandrel Bore  
.924" Nominal Face Width**

Size and List Price		Alteration Charges - List Price Each		Dimensions - Weights		
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Pitch Diameter	Stock Bore	Approx. Weight
2122A 9		1	50.00	8.772	1.437	16
2122A10		2 - 4	35.00	9.708	1.437	19
2122A11		5 - 9	30.00	10.649	1.437	22
2122A12				11.591	1.687	26
2122A13				12.536	1.687	30
2122A14				13.482	1.687	35
2122A15		1	70.00	14.430	1.687	40
2122A16		2 - 4	49.00	15.378	1.687	46
		5 - 9	42.00			
2122A17				16.328	1.687	52
2122A18				17.277	1.687	58
2122A19				18.227	1.687	64

**DRILLING, COUNTERSINKING, SPOTFACING or TAPPING** bolt holes - Add preparation charge of \$30.00 divided by the number of identical parts plus \$6.00 per hole to list price for each operation required. (Use only one preparation charge when more than one operation is performed on the same part.)

**SPLITTING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$2.20 per effective tooth to the list price. This does not include reinforcing the rim or any other arrangement for holding the sprocket in pitch.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical parts plus \$3.20 per effective tooth to the list price.

2042 B



*Lin*

1" PITCH (.625" ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 2042 (Double Pitch - Large Roll) - Type B Sprockets - Hub One Side - Mandrel Bore  
.284" Nominal Face Width

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
2042B 9						2.924	2.21	1.00	.625	1.562	1.4
2042B10						3.236	2.54	1.00	.625	1.750	1.5
2042B11						3.549	2.87	1.00	.625	1.750	2.4
2042B12						3.864	2.50	1.12	.625	1.750	2.5
2042B13						4.179	2.75	1.12	.625	1.750	3.2
2042B14		1	25.00	10.00	10.00	4.494	2.75	1.12	.625	1.750	3.4
2042B15		2 - 4	17.50	7.00	7.00	4.810	2.75	1.12	.625	1.750	3.6
2042B16		5 - 9	15.00	6.00	6.00	5.126	2.75	1.12	.625	1.750	3.8
2042B17		10 - 24	13.80	5.50	5.50	5.442	2.75	1.12	.625	1.750	4.0
2042B18						5.759	2.75	1.12	.750	1.750	4.2
2042B19						6.076	2.75	1.12	.750	1.750	4.5
2042B20						6.392	2.75	1.12	.750	1.750	4.7
2042B21						6.710	2.75	1.12	.750	1.750	5.0
2042B22						7.027	2.75	1.12	.750	1.750	5.2
2042B23						7.344	2.75	1.12	.750	1.750	5.5
2042B24						7.661	2.75	1.12	.750	1.750	5.8

\*Stock bores of sprockets with 12 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$.80 per tooth to the list price.



1 1/4" PITCH (.750" ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 2052 (Double Pitch - Large Roll) - Type B Sprockets - Hub One Side - Mandrel Bore  
.343" Nominal Face Width

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
2052B 9						3.655	2.78	1.00	.625	1.750	2.5
2052B10						4.045	3.18	1.00	.625	2.000	2.6
2052B11						4.437	3.00	1.31	.750	2.000	4.3
2052B12						4.830	3.00	1.31	.750	2.000	4.4
2052B13						5.223	3.00	1.31	.750	2.000	4.5
2052B14						5.617	3.00	1.31	.750	2.000	5.1
2052B15		1	25.00	10.00	10.00	6.012	3.00	1.31	.750	2.000	5.4
2052B16		2 - 4	17.50	7.00	7.00	6.407	3.00	1.31	.750	2.000	5.8
		5 - 9	15.00	6.00	6.00						
2052B17		10 - 24	13.80	5.50	5.50	6.803	3.00	1.31	.750	2.000	6.2
2052B18						7.198	3.25	1.37	1.000	2.250	7.4
2052B19						7.595	3.25	1.37	1.000	2.250	7.9
2052B20						7.991	3.25	1.37	1.000	2.250	8.4
2052B21						8.387	3.25	1.37	1.000	2.250	8.9
2052B22						8.783	3.25	1.37	1.000	2.250	9.5
2052B23						9.180	3.25	1.37	1.000	2.250	9.9
2052B24						9.577	3.25	1.37	1.000	2.250	10

\*Stock bores of sprockets with 11 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$.90 per tooth to the list price.

2062 B



**1 1/2" PITCH (.875" ROLL) - SINGLE STRAND - STEEL**

**A.N.S.I. No. 2062 (Double Pitch - Large Roll) - Type B Sprockets - Hub One Side - Mandrel Bore  
.459" Nominal Face Width**

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Appx. Wt.
2062B 9						4.386	3.34	1.25	.750	2.250	4.1
2062B10						4.854	3.25	1.46	1.000	2.250	4.7
2062B11						5.324	3.50	1.50	1.000	2.250	5.5
2062B12						5.796	3.50	1.50	1.000	2.250	5.9
		1	25.00	10.00	10.00						
2062B13		2 - 4	17.50	7.00	7.00	6.268	3.50	1.50	1.000	2.250	6.5
2062B14		5 - 9	15.00	6.00	6.00	6.741	3.50	1.50	1.000	2.250	7.1
2062B15		10 - 24	13.80	5.50	5.50	7.215	3.75	1.50	1.000	2.500	8.2
2062B16						7.689	3.75	1.50	1.000	2.500	8.8
2062B17						8.163	3.75	1.50	1.000	2.500	9.6
2062B18						8.638	3.75	1.50	1.000	2.500	11
2062B19						9.113	3.75	1.50	1.000	2.500	12
2062B20		1	30.00	12.00	12.00	9.589	3.75	1.50	1.000	2.500	13
2062B21		2 - 4	21.00	8.40	8.40	10.064	3.75	1.50	1.000	2.500	14
		5 - 9	18.00	7.20	7.20						
2062B22		10 - 24	16.50	6.60	6.60	10.540	3.75	1.50	1.000	2.500	15
2062B23						11.016	3.75	1.50	1.000	2.500	16
2062B24						11.492	4.00	1.50	1.250	2.700	17

\*Stock bores of sprockets with 10 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$10.00 divided by the number of identical items plus \$1.40 per tooth to the list price.



2" PITCH (.125" ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 2082 (Double Pitch - Large Roll) - Type B Sprockets - Hub One Side - Mandrel Bore  
.575" Nominal Face Width

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
2082B 9						5.848	4.00	1.62	1.000	2.750	7.9
2082B10						6.472	4.00	1.62	1.000	2.750	8.8
2082B11						7.099	4.00	1.62	1.000	2.750	9.8
2082B12						7.727	4.25	1.87	1.250	2.750	12
2082B13						8.357	4.25	1.87	1.250	2.750	14
2082B14						8.988	4.25	1.87	1.250	2.750	15
2082B15		1	40.00	16.00	16.00	9.620	4.25	1.87	1.250	2.750	17
2082B16		2 - 4	28.00	11.20	11.20	10.252	4.25	1.87	1.250	2.750	18
		5 - 9	24.00	9.60	9.60						
2082B17		10 - 24	22.00	8.80	8.80	10.885	4.25	1.87	1.250	2.750	20
2082B18						11.518	4.50	1.87	1.250	3.000	22
2082B19						12.151	4.50	1.87	1.250	3.000	24
2082B20						12.785	4.50	1.87	1.250	3.000	25
2082B21						13.419	4.50	1.87	1.250	3.000	27
2082B22						14.053	4.50	1.87	1.250	3.000	29
2082B23						14.688	4.50	1.87	1.250	3.000	32
2082B24						15.323	4.50	1.87	1.250	3.000	34

\*Stock bores of sprockets with 9 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical items plus \$1.80 per tooth to the list price.

2102 B



**2 1/2" PITCH (1.562" ROLL) - SINGLE STRAND - STEEL**

**A.N.S.I. No. 2102 (Double Pitch - Large Roll) - Type B Sprockets - Hub One Side - Mandrel Bore  
.692" Nominal Face Width**

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
2102B 9						7.310	4.25	2.00	1.250	2.750	13
2102B10						8.090	4.50	2.00	1.250	3.000	15
2102B11						8.872	4.50	2.00	1.250	3.000	17
2102B12						9.660	4.50	2.00	1.250	3.000	19
		1	50.00	20.00	20.00						
2102B13		2 - 4	35.00	14.00	14.00	10.447	4.50	2.00	1.250	3.000	21
2102B14		5 - 9	30.00	12.00	12.00	11.235	4.50	2.00	1.250	3.000	24
2102B15						12.025	4.50	2.00	1.250	3.000	27
2102B16						12.815	4.50	2.00	1.250	3.000	30
2102B17						13.605	5.00	2.12	1.437	3.250	33
2102B18						14.397	5.00	2.12	1.437	3.250	36
2102B19		1	60.00	24.00	24.00	15.190	5.00	2.12	1.437	3.250	40
2102B20		2 - 4	42.00	16.80	16.80	15.982	5.00	2.12	1.437	3.250	44
		5 - 9	36.00	14.40	14.40						

\*Stock bores of sprockets with 9 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical items plus \$2.40 per tooth to the list price.



3" PITCH (1.750" ROLL) - SINGLE STRAND - STEEL

A.N.S.I. No. 2122 (Double Pitch - Large Roll) - Type B Sprockets - Hub One Side - Mandrel Bore  
.924" Nominal Face Width

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
2122B 9						8.772	5.00	2.31	1.437	3.250	24
2122B10						9.708	5.00	2.31	1.437	3.250	27
2122B11						10.649	5.00	2.31	1.437	3.250	30
2122B12		1	60.00	24.00	24.00	11.591	5.50	2.50	1.687	3.625	36
		2 - 4	42.00	16.80	16.80						
		5 - 9	36.00	14.40	14.40						
2122B13						12.536	5.50	2.50	1.687	3.625	40
2122B14						13.482	5.50	2.50	1.687	3.625	45
2122B15						14.430	5.50	2.50	1.687	3.625	50
2122B16						15.378	5.50	2.50	1.687	3.625	56
2122B17		1	80.00	32.00	32.00	16.328	6.00	2.50	1.687	4.000	64
2122B18		2 - 4	56.00	22.40	22.40	17.277	6.00	2.50	1.687	4.000	70
2122B19		5 - 9	48.00	19.20	19.20	18.227	6.00	2.50	1.687	4.000	76

\*Stock bores of sprockets with 9 teeth or more are nominal and must be re-bored even though bore desired is the same as listed stock bore.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical items plus \$3.20 per tooth to the list price.



**TYPE C - STEEL SPROCKETS FOR H - 60 MILL CHAIN**

2.308" Chain Pitch - 3/4" Barrel Diameter - 11/16" Sprocket Face Width  
 Flame Cut Teeth - Hub Both Sides - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight
H60C 6						4.616	2.75	2.37	1.000	1.750	6
H60C 7						5.319	3.25	2.75	1.000	2.250	9
H60C 8						6.030	3.50	2.81	1.000	2.250	11
H60C 9						6.748	3.50	2.81	1.000	2.250	13
H60C10		1	50.00	20.00	20.00	7.468	4.00	2.81	1.250	2.750	16
H60C11		2 - 4	35.00	14.00	14.00	8.191	4.00	2.81	1.250	2.750	18
H60C12		5 - 9	30.00	12.00	12.00	8.918	4.00	2.81	1.250	2.750	20
H60C13		10 - 24	28.00	11.00	11.00	9.645	4.00	2.81	1.250	2.750	22
H60C14						10.372	4.00	2.81	1.250	2.750	24
H60C15						11.101	4.00	2.81	1.250	2.750	26
H60C16						11.830	4.00	2.81	1.250	2.750	29

\*Stock bores are nominal and must be re-bored to larger size.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets above may also be used with the following chains or others having the same pitch, barrel diameter and width, however all may not clear standard hub on 6 and 7 tooth sprockets due to variations in side bars.

- Chain Belt - D60, 77, R506
- Jeffrey - C160, 1094C
- Link Belt - C60, C77, LXS770
- Moline - C77, 477
- Union - C60, US770

Sprockets of other face widths or tooth numbers as well as those for practically any other chain are readily available and all can be furnished with hardened teeth. Please inquire for price and delivery.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical items plus \$3.00 per tooth to the list price.



**TYPE C - STEEL SPROCKETS FOR H - 78 MILL CHAIN**

**2.609" Chain Pitch - 7/8" Barrel Diameter - 7/8" Sprocket Face Width  
Flame Cut Teeth - Hub Both Sides - Mandrel Bore**

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight
H78C 6						5.218	2.75	2.56	1.000	1.750	8
H78C 7						6.014	3.50	3.00	1.000	2.250	13
H78C 8		1	60.00	24.00	24.00	6.817	4.50	3.50	1.250	3.000	20
H78C 9		2 - 4	42.00	16.80	16.80	7.628	5.00	3.75	1.250	3.250	27
		5 - 9	36.00	14.40	14.40						
H78C10		10 - 24	33.00	13.20	13.20	8.442	5.00	3.75	1.250	3.250	29
H78C11						9.259	5.00	3.75	1.250	3.250	32
H78C12						10.081	5.00	3.75	1.250	3.250	35
H78C13						10.903	5.50	4.12	1.437	3.750	44
H78C14						11.724	5.50	4.12	1.437	3.750	47
H78C15		1	80.00	32.00	32.00	12.549	5.50	4.12	1.437	3.750	51
H78C16		2 - 4	56.00	22.40	22.40	13.373	5.50	4.12	1.437	3.750	56
		5 - 9	48.00	19.20	19.20						
H78C17						14.198	5.50	4.12	1.437	3.750	60
H78C18						15.025	6.00	4.12	1.687	4.000	69
H78C19						15.852	6.00	4.12	1.687	4.000	74
H78C20						16.676	6.00	4.12	1.687	4.000	79

\*Stock bores are nominal and must be re-bored to larger size.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets above may also be used with the following chains or others having the same pitch, barrel diameter and width, however all may not clear standard hub on 6 and 7 tooth sprockets due to variations in side bars.

- Chain Belt - H74, WR78, WH78, H79, 188, S188, 578, R588, RR588, R778, RR778, 988, 1578
- Jeffrey - H74, H76, WS78, H79, C188M, 488, JS880, JS882, IS881, IS886, IS887, 1587AC, 6188M, 6388J
- Link Belt - H74, C78, H79, C188, SS188, SS388, 488, SS578, 788, LXS881, LXS882, LXS886, LXS887
- Moline - H74, 88, C188, 488
- Union - 87R, 88, 188, C188, 218RX, US278, US278R, 517R, 517RX, 578R, 588R, 588RX, US881, US882
- Webster - H74, 78, 88, SS88, SS88+, 188, ZW188E, S517

Sprockets of other face widths or tooth numbers as well as those for practically any other chain are readily available and all can be furnished with hardened teeth. Please inquire for price and delivery.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical items plus \$4.00 per tooth to the list price.



**TYPE C - STEEL SPROCKETS FOR H - 82 MILL CHAIN**

3.075" Chain Pitch - 1 7/32" Barrel Diameter - 1 1/8" Sprocket Face Width  
 Flame Cut Teeth - Hub Both Sides - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight
H82C 6						6.150	3.50	3.25	1.250	2.250	15
H82C 7						7.087	4.50	3.75	1.437	3.000	24
H82C 8						8.034	5.00	4.00	1.437	3.250	32
H82C 9		1	80.00	32.00	32.00	8.991	5.00	4.00	1.437	3.250	36
		2 - 4	56.00	22.40	22.40						
		5 - 9	46.00	19.20	19.20						
H82C10						9.950	5.00	4.00	1.687	3.250	40
H82C11						10.913	5.50	4.37	1.687	3.750	50
H82C12						11.881	5.50	4.37	1.687	3.750	56
H82C13						12.850	5.50	4.37	1.687	3.750	62
H82C14						13.819	5.50	4.37	1.687	3.750	68
H82C15		1	100.00	40.00	40.00	14.790	6.00	4.37	1.687	4.000	79
H82C16		2 - 4	70.00	28.00	28.00	15.762	6.00	4.37	1.687	4.000	86
H82C17		5 - 9	60.00	24.00	24.00	16.734	6.00	4.37	1.687	4.000	95
H82C18		1	120.00	48.00	48.00	17.708	6.50	4.37	2.187	4.500	106
H82C19		2 - 4	84.00	33.00	33.00	18.683	6.50	4.37	2.187	4.500	115
H82C20		5 - 9	72.00	28.00	28.00	19.655	6.50	4.37	2.187	4.500	124

\*Stock bores are nominal and must be re-bored to larger size.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets above may also be used with the following chains or others having the same pitch, barrel diameter and width, however all may not clear standard hub on 6 and 7 tooth sprockets due to variations in side bars.

- Chain Belt - WH92, WR82, 103, 131, S131, C9103
- Jeffrey - WS82, WS82H, 6131
- Link Belt - 103, C131, SS131, 5103
- Moline - C131, C131C, SS131, 4103
- Union - 131, 527R, 527RX
- Webster - S131

Sprockets of other face widths or tooth numbers as well as those for practically any other chain are readily available and all can be furnished with hardened teeth. Please inquire for price and delivery.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical items plus \$6.00 per tooth to the list price.



**TYPE C - STEEL SPROCKETS FOR 1030 SERIES CHAIN**

**3.075" Chain Pitch - 1 1/4" Barrel Diameter - 1 1/4" Sprocket Face Width  
Flame Cut Teeth - Hub Both Sides - Mandrel Bore**

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight
1030C 6						6.150	3.50	3.37	1.250	2.250	16
1030C 7						7.087	4.50	3.87	1.437	3.000	26
1030C 8						8.034	5.00	4.12	1.437	3.250	34
1030C 9		1	80.00	32.00	32.00	8.991	5.00	4.12	1.437	3.250	38
		2 - 4	56.00	22.40	22.40						
		5 - 9	48.00	19.20	19.20						
1030C10						9.950	5.00	4.12	1.687	3.250	43
1030C11						10.913	5.50	4.50	1.687	3.750	54
1030C12						11.881	5.50	4.50	1.687	3.750	60
1030C13						12.850	5.50	4.50	1.687	3.750	67
1030C14						13.819	5.50	4.50	1.687	3.750	74
1030C15		1	100.00	40.00	40.00	14.790	6.00	4.50	1.687	4.000	86
1030C16		2 - 4	70.00	28.00	28.00	15.762	6.00	4.50	1.687	4.000	96
1030C17		5 - 9	60.00	24.00	24.00	16.734	6.00	4.50	1.687	4.000	103
1030C18		1	120.00	48.00	48.00	17.708	6.50	4.50	2.187	4.500	116
1030C19		2 - 4	84.00	33.00	33.00	18.683	6.50	4.50	2.187	4.500	126
1030C20		5 - 9	72.00	28.00	28.00	19.655	6.50	4.50	2.187	4.500	137

\*Stock bores are nominal and must be re-bored to larger size.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets above may also be used with the following chains or others having the same pitch, barrel diameter and width, however all may not clear standard hub on 6 and 7 tooth sprockets due to variations in side bars.

Chain Belt - Champion No. 3, 1030DW, 1033, R1033, R1035, 1037, 1539

Jeffrey - 3DD, SS39, IS1030, IS1031, IS1032, IS1037, IS3075

Link Belt - AP13 Redhead, SS39, SS39+, SS40, SS40 Hyper, SS40+, LXS1031, LXS1032, LXS1032M, SS1033, LXS3075M

Moline - MXS40, MXS1031, MXS3075

Union - 119J, 119R, 119RX, US1031, US1032, 1190R, 1190R3, 1190RX, 1190SX, 1190SXX

Webster - SS54+, S554

Sprockets of other face widths or tooth numbers as well as those for practically any other chain are readily available and all can be furnished with hardened teeth. Please inquire for price and delivery.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical items plus \$6.00 per tooth to the list price.



**TYPE C - STEEL SPROCKETS FOR H - 130 MILL CHAIN**

**4.000" Chain Pitch - 1" Barrel Diameter - 7/8" Sprocket Face Width  
Flame Cut Teeth - Hub Both Sides - Mandrel Bore**

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight
H130C 6						8.000	4.50	3.50	1.437	3.000	24
H130C 7						9.220	5.00	3.75	1.437	3.250	32
H130C 8						10.452	5.00	3.75	1.687	3.250	37
H130C 9		1	80.00	32.00	32.00	11.696	5.00	3.75	1.687	3.250	43
		2 - 4	56.00	22.40	22.40						
H130C10		5 - 9	48.00	19.20	19.20	12.944	5.50	4.12	1.687	3.750	54
H130C11		10 - 24	44.00	17.60	17.60	14.196	5.50	4.12	1.687	3.750	60
H130C12						15.456	5.50	4.12	1.687	3.750	68
H130C13						16.716	5.50	4.12	1.687	3.750	77
H130C14						17.976	5.50	4.12	1.687	3.750	85

\*Stock bores are nominal and must be re-bored to larger size.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets above may also be used with the following chains or others having the same pitch, barrel diameter and width, however all may not clear standard hub on 6 and 7 tooth sprockets due to variations in side bars.

- Chain Belt - 130, 138
- Jeffrey, Link Belt, Moline - H138
- Webster - 130

Sprockets of other face widths or tooth numbers as well as those for practically any other chain are readily available and all can be furnished with hardened teeth. Please inquire for price and delivery.

**HARDENING** - Add preparation charge of \$30.00 divided by the number of identical items plus \$6.00 per tooth to the list price.



**TYPE C - STEEL SPROCKETS FOR H - 124 MILL CHAIN**

**4.000" Chain Pitch - 1 7/16" Barrel Diameter - 1 1/2" Sprocket Face Width  
Flame Cut Teeth - Hub Both Sides - Mandrel Bore**

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight
H124C 6						8.000	4.50	4.12	1.437	3.000	33
H124C 7		1	80.00	32.00	32.00	9.220	5.50	4.75	1.437	3.750	49
H124C 8		2 - 4	56.00	22.40	22.40	10.452	5.50	4.75	1.687	3.750	57
		5 - 9	48.00	19.20	19.20						
H124C 9						11.696	5.50	4.75	1.687	3.750	66
H124C10						12.944	5.50	4.75	1.687	3.750	76
H124C11						14.196	6.00	4.75	1.687	4.000	91
H124C12		1	100.00	40.00	40.00	15.456	6.00	4.75	1.687	4.000	104
		2 - 4	70.00	28.00	28.00						
H124C13		5 - 9	60.00	24.00	24.00	16.716	6.00	4.75	1.687	4.000	118
H124C14						17.976	6.00	4.75	1.687	4.000	132
H124C15						19.240	6.50	4.75	2.187	4.500	151
H124C16		1	120.00	48.00	48.00	20.504	6.50	4.75	2.187	4.500	167
		2 - 4	84.00	33.00	33.00						
H124C17		5 - 9	72.00	28.00	28.00	21.768	6.50	4.75	2.187	4.500	185
H124C18						23.036	6.50	4.75	2.187	4.500	204

\*Stock bores are nominal and must be re-bored to larger size.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets above may also be used with the following chains or others having the same pitch, barrel diameter and width, however all may not clear standard hub on 6 and 7 tooth sprockets due to variations in side bars.

Chain Belt - W124, WR124, WH124  
Jeffrey - WS124

Sprockets of other face widths or tooth numbers as well as those for practically any other chain are readily available and all can be furnished with hardened teeth. Please inquire for price and delivery.

**HARDENING** - Add preparation charge of \$40.00 divided by the number of identical items plus \$8.00 per tooth to the list price.



**TYPE C - STEEL SPROCKETS FOR 102-B MILL CHAIN**

4.000" Chain Pitch - 1" Barrel Diameter - 1 3/4" Sprocket Face Width  
Flame Cut Teeth - Hub Both Sides - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight
102BC 8						10.452	6.00	5.00	1.687	4.000	77
102BC 9						11.695	6.50	5.00	1.687	4.500	82
102BC10						12.944	6.50	5.00	1.687	4.500	90
102BC11		1	160.00	64.00	64.00	14.197	6.50	5.00	1.687	4.500	103
		2 - 4	112.00	44.00	44.00						
102BC12		5 - 8	96.00	38.00	38.00	15.454	7.00	5.12	2.187	4.750	128
102BC13						16.714	7.00	5.12	2.187	4.750	144
102BC14						17.976	7.00	5.12	2.187	4.750	161
102BC15						19.238	7.00	5.12	2.187	4.750	179
102BC16		1	200.00	80.00	80.00	20.503	8.00	5.62	2.187	5.500	215
102BC17		2 - 4	140.00	56.00	56.00	21.768	8.00	5.62	2.187	5.500	236
102BC18		5 - 9	120.00	48.00	48.00	23.035	8.00	5.62	2.187	5.500	258
102BC19						24.302	8.00	5.62	2.187	5.500	282

\*Stock bores are nominal and must be re-bored to larger size.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets above may also be used with the following chains or others having the same pitch, barrel diameter and width, however all may not clear standard hub on a 7 tooth sprocket due to variations in side bars.

- Jeffrey - C102BM, 6102BM
- Link Belt - C102B, SS102B
- Moline - C102B, SS102B
- Rexnord - A102B, S102B
- Webster - HSB102B, N102B, CR-N102B

Sprockets of other face widths or tooth numbers as well as those for practically any other chain are readily available and all can be furnished with hardened teeth. Please inquire for price and delivery.

**HARDENING** - Add preparation charge of \$40.00 divided by the number of identical items plus \$10.00 per tooth to the list price.



**TYPE C - STEEL SPROCKETS FOR 1240 SERIES CHAIN**

**4.063" Chain Pitch - 1 3/4" Barrel Diameter - 1 3/4" Sprocket Face Width  
Flame Cut Teeth - Hub Both Sides - Mandrel Bore**

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight
1240C 6		1	100.00	40.00	40.00	8.125	4.00	3.87	1.437	2.750	32
1240C 7		2 - 4	70.00	28.00	28.00	9.365	5.00	4.62	1.437	3.250	49
		5 - 9	60.00	24.00	24.00						
1240C 8						10.616	6.00	5.00	1.687	4.000	68
1240C 9						11.880	6.50	5.00	1.687	4.500	84
1240C10						13.148	6.50	5.00	1.687	4.500	97
1240C11		1	160.00	64.00	64.00	14.419	6.50	5.00	1.687	4.500	110
1240C12		2 - 4	112.00	44.00	44.00	15.699	7.00	5.12	2.187	4.750	129
1240C13		5 - 9	96.00	38.00	38.00	16.979	7.00	5.12	2.187	4.750	145
1240C14						18.259	7.00	5.12	2.187	4.750	163
1240C15						19.543	7.00	5.12	2.187	4.750	182
1240C16						20.827	8.00	5.62	2.187	5.500	220

\*Stock bores are nominal and must be re-bored to larger size.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets above may also be used with the following chains or others having the same pitch, barrel diameter and width, however all may not clear standard hub on 6 and 7 tooth sprockets due to variations in side bars.

Chain Belt - Champion No. 4, 1240DW, 1244, A1245, X1245, RX1245, R1248

Jeffery - 4DD, 124RS, 124RCS, SS124, SS2124+, SS124D, SS124P, IS1242, IS1245, J1245A,

1645AB, IS4014, IS4106, IS4110

Link Belt - AP114 Redhead, AP14 Super Hyper, SS123, SS123+, SS124, SS124+, SS124-2-Bar Hyper,

SS124-3-Bar Hyper, XXS1240, LXS1241M, LXS1242, LXS1242M, LXS1245, LXS1245M, XXS1245

Moline - MXS124, 1240RX, 1240RXX, MXS1242, MXS1245

Union - 1240R, 1240RX, 1240SX, US1242, US1245, 1245SX

Webster - S557, S557+

Sprockets of other face widths or tooth numbers as well as those for practically any other chain are readily available and all can be furnished with hardened teeth. Please inquire for price and delivery.

**HARDENING** - Add preparation charge of \$40.00 divided by the number of identical items plus \$10.00 per tooth to the list price.



**TYPE C - STEEL SPROCKETS FOR C-132 MILL CHAIN**

6.050" Chain Pitch - 1 23/32", 1 3/4", or 1 25/32" Barrel Diameter - 2 3/4" Sprocket Face Width  
 Flame Cut Teeth - Hub Both Sides - Mandrel Bore

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Approx. Weight
C132C 6		1	200.00	80.00	80.00	12.100	6.50	6.00	2.187	4.500	118
C132C 7		2 - 4	140.00	56.00	56.00	13.945	6.50	6.00	2.187	4.500	138
C132C 8		5 - 9	120.00	48.00	48.00	15.808	6.50	6.00	2.187	4.500	182
C132C 9		1	250.00	100.00	100.00	17.690	7.00	6.12	2.187	4.750	225
C132C10		2 - 4	175.00	70.00	70.00	19.577	7.00	6.12	2.187	4.750	279
		5 - 9	150.00	60.00	60.00						
C132C11		1	300.00	120.00	120.00	21.471	7.00	6.12	2.187	4.750	316
C132C12		2 - 4	210.00	84.00	84.00	23.377	8.00	6.62	2.187	5.500	386
		5 - 9	180.00	72.00	72.00						

\*Stock bores are nominal and must be re-bored to larger size.

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

Stock sprockets above may also be used with the following chains or others having the same pitch, barrel diameter and width, however all may not clear standard hub on 6 and 7 tooth sprockets due to variations in side bars.

- Chain Belt - A132, A132WS, SX150, SXA150, W155, WH155, WR155, W157, WH157, WR157
- Jeffrey - WS132, 6150P
- Link Belt - C132W, C132W1, SS132, SS150, SS150+
- Moline - PW132
- Union - 132, 150, 150X
- Webster - S150, S150+

Sprockets of other face widths or tooth numbers as well as those for practically any other chain are readily available and all can be furnished with hardened teeth. Please inquire for price and delivery.

**HARDENING** - Add preparation charge of \$50.00 divided by the number of identical items plus \$30.00 per tooth to the list price.



**SPLITTING CHARGES - MILL CHAIN SPROCKETS**

Pricing Schedule For Charges To Be Added To Standard Type C Sprocket Price

Hubs used on these sprockets are the same round, fully machined hubs used on our split roller chain sprockets. High strength socket head cap screws are countersunk into the hub and provide a safe, smooth installation.

Compute the price of a complete split sprocket by adding the charge listed below to the list price of the sprocket involved. Any alterations required should be computed from the regular alteration charges as for a solid Type C sprocket. \*Bores larger than those listed on this page require additional charges. Very large or heavy pitch sprockets may be tack welded near the rim after installing on the shaft for extra strength if desired, or we can install steel straps at an additional charge.

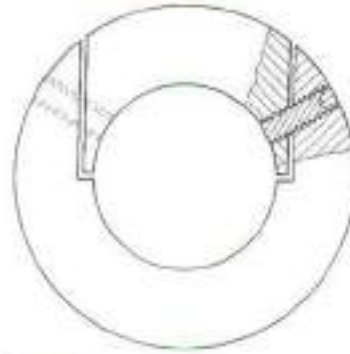
H60				H78			H82 and 1030			H124		
No. Teeth	Max. Bore*	Length Thru Bore	List Price	Max. Bore*	Length Thru Bore	List Price	Max. Bore*	Length Thru Bore	List Price	Max. Bore*	Length Thru Bore	List Price
6							1.562	3.75/3.87		2.437	4.12	
7	1.562	3.31		1.562	3.50		2.437	3.75/3.87		3.250	4.75	
8	2.062	3.31		2.437	3.50		2.625	4.37/4.50		3.250	4.75	
9	2.250	3.31		2.625	4.12		3.250	4.37/4.50		3.250	4.75	
10	2.500	3.56		3.250	4.12		3.250	4.37/4.50		3.250	4.75	
11	2.500	3.56		3.250	4.12		3.250	4.87/5.00		3.625	5.75	
12	2.500	3.56		3.250	4.12		3.250	4.87/5.00		3.625	5.75	
13	2.500	3.56		3.250	4.62		3.250	4.87/5.00		3.625	5.75	
14	2.500	3.56		3.250	4.62		3.250	4.87/5.00		3.625	5.75	
15	2.500	3.56		3.250	4.62		3.625	5.37/5.50		4.250	6.25	
16	2.500	3.56		3.250	4.62		3.625	5.37/5.50		4.250	6.25	
17				3.250	4.62		3.625	5.37/5.50		4.250	6.25	
18				3.625	5.12		4.250	5.87/6.00		4.250	6.25	
19				3.625	5.12		4.250	5.87/6.00				

H130				1240			C102B			C132		
No. Teeth	Max. Bore*	Length Thru Bore	List Price	Max. Bore*	Length Thru Bore	List Price	Max. Bore*	Length Thru Bore	List Price	Max. Bore*	Length Thru Bore	List Price
6	2.625	3.75		2.062	4.37					3.250	6.50	
7	3.250	4.12		2.625	4.62					4.250	7.50	
8	3.250	4.12		3.250	5.00		3.250	5.00		5.125	8.00	
9	3.250	4.12		3.250	5.50		3.250	5.50		5.125	8.00	
10	3.250	4.62		3.250	5.50		3.250	5.50		5.125	8.00	
11	3.250	4.62		3.250	5.50		3.250	5.50		5.125	8.00	
12	3.250	4.62		3.625	6.00		3.625	6.00		6.000	8.00	
13	3.250	4.62		3.625	6.00		3.625	6.00				
14	3.250	4.62		3.625	6.00		3.625	6.00				
15				3.625	6.00		3.625	6.00				
16				4.250	6.50		4.250	6.50				
17							4.250	6.50				
18							4.250	6.50				
19							4.250	6.50				

\*In most cases, larger bores can be supplied but are subject to additional charge.

Split  
Collars



*Linn*

**SPLIT STEEL SHAFT COLLARS**

WITH 2 SOCKET SETSCREWS

Size and List Price			Dimensions - Weights				
Bore	Catalog No.	List Price Each	Standard Package	Outside Diameter	Width	Setscrew Size	Weight Per Package
1 3/4	SC 750		10	2.12	.625	5/16	5.5
1 1/8	SC 1000		10	2.37	.625	5/16	6.4
1 1/8	SC 1125		10	2.62	.625	5/16	7.8
1 3/16	SC 1187		10	2.62	.750	3/8	9.1
1 1/4	SC 1250		10	2.87	.750	3/8	11.0
1 5/16	SC 1312		10	2.87	.750	3/8	11.0
1 3/8	SC 1375		10	2.87	.750	3/8	11.0
1 7/16	SC 1437		10	2.87	.750	3/8	11.0
1 1/2	SC 1500		10	3.12	.750	3/8	12.0
1 11/16	SC 1687		5	3.37	.812	3/8	7.7
1 3/4	SC 1750		5	3.62	1.000	1/2	11.0
1 15/16	SC 1937		5	3.87	1.000	1/2	12.0
2 3/16	SC 2000		5	4.12	1.000	1/2	14.0
2 1/4	SC 2187		5	4.12	1.000	1/2	13.0
2 1/4	SC 2250		5	4.37	1.000	1/2	15.0
2 7/16	SC 2437		5	4.62	1.000	1/2	17.0
2 11/16	SC 2687		5	4.87	1.125	1/2	21.0
2 15/16	SC 2937		5	5.12	1.125	1/2	22.0
3 7/16	SC 3437		2	5.62	1.250	1/2	11.0
3 15/16	SC 3937		2	6.37	1.250	5/8	14.0
4 7/16	SC 4437		1	6.87	1.375	5/8	8.4
4 15/16	SC 4937		1	7.87	1.375	5/8	11.0
5 7/16	SC 5437		1	8.37	1.375	5/8	12.0
5 15/16	SC 5937		1	9.12	1.375	5/8	14.0

Other sizes or materials available made-to-order. Inquire for prices.



STAINLESS STEEL SHAFT COLLARS

With 1 Socket Setscrew

Size and List Price			Dimensions - Weights				
Bore	Catalog No.	List Price Each	Standard Package	Outside Diameter	Width	Setscrew Size	Weight Per Package
1/8	C 125SS		50	.37	.250	No. 6	.3
3/16	C 187SS		50	.43	.250	No. 8	.4
1/4	C 250SS		50	.50	.312	No.10	.6
5/16	C 312SS		50	.62	.312	No.10	1.0
3/8	C 375SS		50	.75	.375	1/4	1.6
7/16	C 437SS		50	.87	.437	1/4	2.6
1/2	C 500SS		50	1.00	.437	1/4	3.4
9/16	C 562SS		25	1.00	.437	1/4	1.5
5/8	C 625SS		25	1.12	.500	5/16	2.3
11/16	C 687SS		25	1.12	.562	5/16	3.2
3/4	C 750SS		25	1.25	.562	5/16	3.0
13/16	C 812SS		25	1.31	.562	5/16	3.1
7/8	C 875SS		25	1.50	.562	5/16	4.4
15/16	C 937SS		25	1.50	.562	5/16	4.0
1	C1000SS		25	1.62	.625	5/16	5.5
1 1/16	C1062SS		25	1.75	.625	5/16	6.4
1 1/8	C1125SS		25	1.75	.625	5/16	5.9
1 3/16	C1187SS		25	2.00	.687	3/8	9.5
1 1/4	C1250SS		25	2.00	.687	3/8	8.8
1 5/16	C1312SS		25	2.12	.687	3/8	10.1
1 3/8	C1375SS		10	2.12	.750	3/8	4.1
1 7/16	C1437SS		10	2.25	.750	3/8	4.6
1 1/2	C1500SS		10	2.25	.750	3/8	4.5
1 9/16	C1562SS		10	2.50	.812	3/8	6.6
1 5/8	C1625SS		10	2.50	.812	3/8	6.2
1 11/16	C1687SS		10	2.50	.812	3/8	5.9
1 3/4	C1750SS		10	2.62	.875	1/2	7.1
1 7/8	C1875SS		10	2.75	.875	1/2	7.5
1 15/16	C1937SS		10	3.00	.875	1/2	9.8
2	C2000SS		10	3.00	.875	1/2	9.3
2 1/8	C2125SS		5	3.00	.875	1/2	4.1
2 3/16	C2187SS		5	3.25	.937	1/2	5.8
2 1/4	C2250SS		5	3.25	.937	1/2	5.4
2 3/8	C2375SS		5	3.25	.937	1/2	4.9
2 7/16	C2437SS		5	3.50	1.000	1/2	6.7
2 1/2	C2500SS		5	3.50	1.000	1/2	6.3
2 11/16	C2687SS		2	4.00	1.125	1/2	4.2
2 3/4	C2750SS		2	4.00	1.125	1/2	4.1
2 7/8	C2875SS		2	4.25	1.125	1/2	4.7
2 15/16	C2937SS		2	4.25	1.125	1/2	4.5
3	C3000SS		2	4.25	1.125	1/2	4.3

Other sizes and materials available made-to-order. Prices quoted on request.

Collars



STEEL SHAFT COLLARS

1/8" Through 3" have 1 Socket Setscrew - Larger Sizes Have 2 Socket Setscrews

Size and List Price			Dimensions - Weights				
Bore	Catalog No.	List Price Each	Standard Package	Outside Diameter	Width	Setscrew Size	Weight Per Package
1/8	C 125		50	.37	.250	No. 6	.3
3/16	C 187		50	.43	.250	No. 6	.4
1/4	C 250		50	.50	.312	No.10	.6
5/16	C 312		50	.62	.312	No.10	1.0
3/8	C 375		50	.75	.375	1/4	1.6
7/16	C 437		50	.87	.437	1/4	2.6
1/2	C 500		50	1.00	.437	1/4	3.4
9/16	C 562		25	1.00	.437	1/4	1.5
5/8	C 625		25	1.12	.500	5/16	2.3
11/16	C 687		25	1.25	.562	5/16	3.2
3/4	C 750		25	1.25	.562	5/16	3.0
13/16	C 812		25	1.31	.562	5/16	3.1
7/8	C 875		25	1.50	.562	5/16	4.4
15/16	C 937		25	1.50	.562	5/16	4.0
1	C1000		25	1.62	.625	5/16	5.5
1 1/16	C1062		25	1.75	.625	5/16	6.4
1 1/8	C1125		25	1.75	.625	5/16	5.9
1 3/16	C1187		25	2.00	.687	3/8	9.5
1 1/4	C1250		25	2.00	.687	3/8	8.8
1 5/16	C1312		25	2.12	.687	3/8	10.1
1 3/8	C1375		25	2.12	.750	3/8	10.3
1 7/16	C1437		25	2.25	.750	3/8	11.9
1 1/2	C1500		25	2.25	.750	3/8	11.2
1 9/16	C1562		10	2.50	.812	3/8	6.6
1 5/8	C1625		10	2.50	.812	3/8	6.2
1 11/16	C1687		10	2.50	.812	3/8	5.9
1 3/4	C1750		10	2.62	.875	1/2	7.1
1 7/8	C1875		10	2.75	.875	1/2	7.5
1 15/16	C1937		10	3.00	.875	1/2	9.8
2	C2000		10	3.00	.875	1/2	9.3
2 1/8	C2125		5	3.00	.875	1/2	4.1
2 3/16	C2187		5	3.25	.937	1/2	5.8

Other sizes or materials are available made-to-order. Prices quoted on request.



STEEL SHAFT COLLARS

1/8" Through 3" have 1 Socket Setscrew - Larger Sizes Have 2 Socket Setscrews

Size and List Price			Dimensions - Weights				
Bore	Catalog No.	List Price Each	Standard Package	Outside Diameter	Width	Setscrew Size	Weight Per Package
2 1/4	C2250		5	3.25	.937	1/2	5.4
2 5/16	C2312		5	3.25	.937	1/2	5.2
2 3/8	C2375		5	3.25	.937	1/2	4.9
2 7/16	C2437		5	3.50	1.000	1/2	6.7
2 1/2	C2500		5	3.50	1.000	1/2	6.3
2 9/16	C2562		5	3.75	1.000	1/2	7.9
2 5/8	C2625		5	4.00	1.125	1/2	10.9
2 11/16	C2687		5	4.00	1.125	1/2	10.4
2 3/4	C2750		5	4.00	1.125	1/2	10.1
2 7/8	C2875		5	4.25	1.125	1/2	11.6
2 15/16	C2937		5	4.25	1.125	1/2	11.2
3	C3000		5	4.25	1.125	1/2	10.8
3 1/8	C3125		2	4.43	1.250	5/8	5.3
3 3/16	C3187		2	4.43	1.250	5/8	5.1
3 1/4	C3250		2	4.43	1.250	5/8	4.9
3 3/8	C3375		2	4.68	1.250	5/8	5.6
3 7/16	C3437		2	4.68	1.250	5/8	5.4
3 1/2	C3500		2	4.68	1.250	5/8	4.5
3 5/8	C3625		2	4.93	1.250	5/8	6.0
3 11/16	C3687		2	4.93	1.250	5/8	5.7
3 3/4	C3750		2	4.93	1.250	5/8	5.5
3 7/8	C3875		2	5.18	1.250	5/8	6.3
3 15/16	C3937		2	5.18	1.250	5/8	6.1
4	C4000		1	5.43	1.250	5/8	3.6
4 3/16	C4187		1	5.43	1.250	5/8	3.2
4 1/4	C4250		1	5.68	1.250	5/8	3.8
4 7/16	C4437		1	6.18	1.375	5/8	5.4
4 1/2	C4500		1	6.18	1.375	5/8	5.3
4 15/16	C4937		1	6.43	1.375	5/8	5.0
5	C5000		1	6.43	1.375	5/8	4.8
5 7/16	C5437		1	6.93	1.375	5/8	5.4
5 15/16	C5937		1	7.50	1.375	5/8	6.1
6	C6000		1	7.50	1.375	5/8	5.9

Other sizes or materials available made-to-order. Prices quoted on request.

Tapered  
Keys



STOCK STEEL TAPERED KEYS

Plain And Gib Head - 1/8" Taper Per Foot

Size Overall On Plain Keys Under Head on Gib Keys	Plain Keys				Gib Head Keys			
	Catalog No.	List Price Each	Standard Package	Approx. Wt. Ea.	Catalog No.	List Price Each	Standard Package	Approx. Wt. Ea.
1/4 X 2	TK 2520		20	.03	GK2520		10	.04
5/16 X 2	TK 3120		20	.05	GK3120		10	.06
3/8 X 1 1/2	TK 3715		20	.06				
3/8 X 2	TK 3720		20	.08				
3/8 X 3	TK 3730		20	.12	GK3730		10	.13
1/2 X 2	TK 5020		20	.14				
1/2 X 3	TK 5030		20	.21				
1/2 X 4	TK 5040		20	.28	GK5040		10	.32
5/8 X 3	TK 6230		10	.33				
5/8 X 4	TK 6240		10	.44	GK6240		5	.51
5/8 X 6	TK 6260		10	.66	GK6260		5	.74
3/4 X 4	TK 7540		10	.64	GK7540		5	.76
3/4 X 5	TK 7550		10	.80				
3/4 X 6	TK 7560		10	.96	GK7560		5	1.1
7/8 X 4	TK 8740		5	.86	GK8740		1	1.1
7/8 X 6	TK 8760		5	1.3	GK8760		1	1.5
7/8 X 8	TK 8780		5	1.7	GK8780		1	2.1
1 X 6	TK 10060		2	1.7				
1 X 8	TK 10080		2	2.2	GK10080		1	2.6
1 1/4 X 8	TK 12580		1	3.5	GK12580		1	4.1
1 1/4 X 10	TK125100		1	4.4				
1 1/2 X 8	TK 15080		1	5.1	GK15080		1	6.1
1 1/2 X 10	TK150100		1	6.4				

Other sizes are available made-to-order. Prices quoted on request.



**1 1/2" PITCH - HINGE TOP CONVEYOR CHAIN SPROCKETS - STEEL**  
 1 5/8" Face Width - 1 5/8" Through Bore - No Hub Projection - Mandrel Bore  
 For S-815 And Other Flat Top Conveyor Chains Of Same Specifications

Size and List Price		Alteration Charges - List Price Each				Dimensions - Weights					
Catalog No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Appx. Wt.
S815A13		1	30.00	12.00	12.00	3.228		1.62	.750	1.500	3.0
S815A15		2 - 4	21.00	8.40	8.40	3.688		1.62	.750	1.750	4.1
S815A17		5 - 9	18.00	7.20	7.20	4.153		1.62	.750	2.000	5.3
S815A19		10 - 24	16.50	6.60	6.60	4.620		1.62	.750	2.250	6.8
S815A21						5.089		1.62	.750	2.625	8.4
S815A23						5.560		1.62	.750	2.875	10.0
S815A25						6.032		1.62	.750	3.250	12.0
S815A27		1	40.00	16.00	16.00	6.504		1.62	1.000	3.500	14.0
S815A29		2 - 4	28.00	11.20	11.20	6.979		1.62	1.000	4.250	12.0
		5 - 9	24.00	9.60	9.60						
S815A31		10 - 24	22.00	8.80	8.80	7.452		1.62	1.000	4.625	14.0
S815C35						8.401	3.50	1.62	1.000	2.250	15.0
S815C41						9.827	3.50	1.62	1.000	2.250	19.0

Effective number of teeth is one half of listed number so chain contacts alternate teeth each revolution. For this reason, odd numbers of teeth are listed and recommended, although other sizes can be supplied if required. For smooth operation, sprockets of 19 teeth or more are recommended.

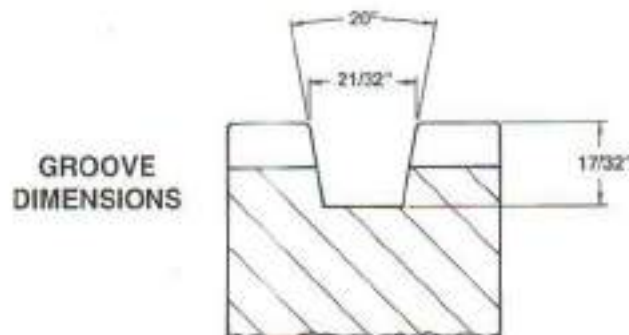
Listed maximum bore is with standard keyway and setscrew. Larger bores are subject to additional charge.

Shroud Plates:	Loose - per pair	13 through 21 teeth	\$22.20 List
		23 through 29 teeth	30.00 List
		31 through 41 teeth	45.00 List
	Installing -	per sprocket	45.00 List

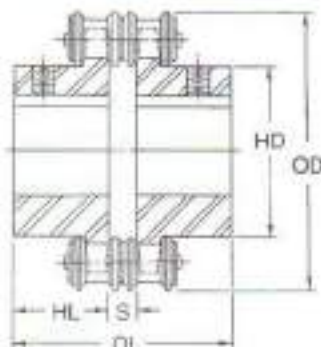
Standard sprockets are made from C1040 steel and are completely machined to provide the finest quality available. Sprockets of stainless steel, bronze or other materials can be made to order. Prices will be quoted promptly on request.

**HARDENING** - Add preparation charge of \$20.00 divided by the number of identical items plus \$1.10 per tooth to the list price.

Sprockets with 19, 21, 23 and 25 teeth are stocked both with and without center groove. For groove in other sizes - add 25% of stock sprocket price. Add suffix **G** to part number when center groove is required.



Couplings



DOUBLE ROLLER CHAIN FLEXIBLE SHAFT COUPLINGS - HARDENED STEEL

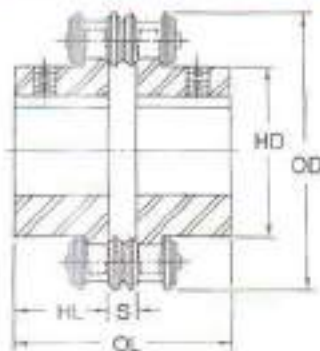
DIMENSIONS

Coupling No.	Stock Bore	Maximum Bore	H.D	H.L.	S.	O.L	O.D.	Appx. Wt. Complete
CC40-12	1/2	7/8	1.406	1.12	.28	2.53	2.40	1.3
CC40-16	1/2	1 3/8	1.968	1.12	.28	2.53	3.03	2.5
CC50-16	5/8	1 3/4	2.500	1.37	.37	3.12	3.78	5.0
CC50-18	3/4	2	2.968	1.37	.37	3.12	4.18	7.3
CC60-18	1	2 7/16	3.500	1.75	.43	3.93	5.00	10
CC60-20	1	2 3/4	3.875	1.75	.43	3.93	5.50	16
CC80-18	1 7/16	3 1/8	4.562	2.25	.57	5.07	6.68	23
CC80-20	1 7/16	3 9/16	5.375	2.25	.57	5.07	7.31	36
CC100-18	1 11/16	3 7/8	5.687	2.75	.71	6.21	8.34	45
CC100-20	1 11/16	4 5/8	6.718	2.75	.71	6.21	9.12	64
CC120-18	2 3/16	4 11/16	6.750	3.25	.85	7.35	10.00	77
CC120-20	2 3/16	5	7.750	3.25	.85	7.35	10.93	112

Listed maximum bore is with setscrew at angle to keyway. Larger bores are subject to additional charge.

LIST PRICE - STOCK BORE COUPLINGS FOR RE-BORING

STOCK BORE SPROCKET		COUPLING CHAIN		ALTERATION CHARGES - LIST PRICE EACH			
Catalog No.	List Price Each	Catalog No.	List Price Each	Quantity Identical Items	Re-bore Each	Each Keyway	Each Setscrew
CC40-12S CC40-16S		CC 40-12C CC 40-16C		1	30.00	12.00	12.00
CC50-16S CC50-18S		CC 50-16C CC 50-18C		2 - 4	21.00	8.40	8.40
				5 - 9	18.00	7.20	7.20
				10 - 24	16.50	6.60	6.60
CC60-18S CC60-20S		CC 60-18C CC 60-20C		1	40.00	16.00	16.00
CC80-18S CC80-20S		CC 80-18C CC 80-20C		2 - 4	28.00	11.20	11.20
				5 - 9	24.00	9.60	9.60
CC100-18S CC100-20S		CC100-18C CC100-20C		1	50.00	20.00	20.00
				2 - 4	35.00	14.00	14.00
				5 - 9	30.00	12.00	12.00
CC120-18S CC120-20S		CC120-18C CC120-20C		1	60.00	24.00	24.00
				2 - 4	42.00	16.80	16.80
				5 - 9	36.00	14.40	14.40



Couplings

**DOUBLE ROLLER CHAIN FLEXIBLE SHAFT COUPLINGS - HARDENED STEEL**

**LIST PRICES - FINISHED BORE COUPLINGS**

Coupling No.	Each Sprocket	Cplg. Chain	FINISHED BORES AVAILABLE COMPLETE WITH STANDARD STRAIGHT KEYWAY AND ONE SETSCREW
CC40-12FB			1/2, 5/8, 3/4
CC40-16FB			5/8, 3/4, 7/8, 15/16, 1, 1 1/8, 1 3/16, 1 1/4
CC50-16FB			3/4, 7/8, 1, 1 1/8, 1 3/16, 1 1/4, 1 3/8, 1 7/16, 1 1/2
CC50-18FB			1, 1 1/8, 1 3/16, 1 1/4, 1 3/8, 1 7/16, 1 1/2, 1 5/8, 1 11/16, 1 3/4
CC60-18FB			1 1/4, 1 3/8, 1 7/16, 1 1/2, 1 5/8, 1 11/16, 1 3/4, 1 7/8, 1 15/16, 2
CC60-20FB			1 7/16, 1 1/2, 1 5/8, 1 11/16, 1 3/4, 1 7/8, 1 15/16, 2, 2 1/8, 2 3/16, 2 1/4
CC80-18FB			1 11/16, 1 3/4, 1 7/8, 1 15/16, 2, 2 1/8, 2 3/16, 2 1/4, 2 3/8, 2 7/16
CC80-20FB			1 15/16, 2, 2 1/8, 2 3/16, 2 1/4, 2 3/8, 2 7/16, 2 1/2, 2 5/8, 2 11/16, 2 3/4, 2 7/8, 2 15/16

Couplings ordered with finished bores other than those listed will be billed at stock bore price plus alteration charges from page 194. Bores larger than the maximum bores listed on page 194 require additional charges.

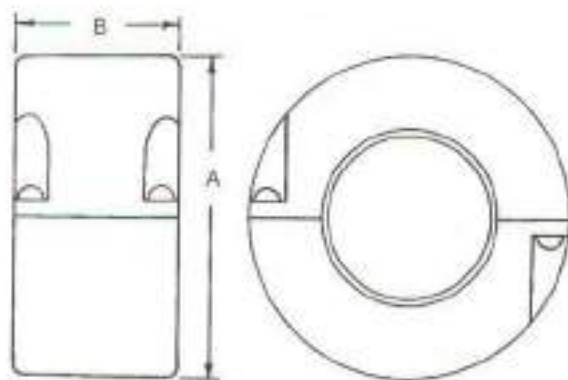
**LIST PRICES - TAPER-LOCK® BUSHED COUPLINGS**

SIZE AND LIST PRICE					DIMENSIONS AND WEIGHTS						
Sprocket No.	Sprocket Each	Coupling Chain	Bush. No.	List Price	Bore Range	H.D.	H.L.	S.	O.L.	O.D.	Apx. Wt. Comp.
CC40-16TL			1108		1/2 - 1 1/8	1.968	.87	.28	2.03	3.03	2.0
CC50-18TL			1610		1/2 - 1 5/8	2.968	1.00	.37	2.37	4.18	4.9
CC60-20TL			2012		1/2 - 2	3.875	1.25	.43	2.93	5.50	11
CC80-20TL			3020		7/8 - 3	5.375	2.00	.57	4.57	7.31	25
CC100-20TL			3535		1 3/16 - 3 1/2	6.718	3.50	.71	7.71	9.12	71
CC120-20TL			4040		1 7/16 - 4	7.750	4.00	.85	8.85	10.93	112

TAPER-LOCK® Coupling Sprockets are made with large end of bore on both Face Side and Hub Side to allow for assembly from either side. Type H has large end on Hub Side and Type F has large end on Face Side. They will be furnished half Type H and half Type F unless specified otherwise. Add Letter F or H to Coupling No. to indicate type desired.

**Cast Aluminum Covers For Fixed Bore And TAPER-LOCK® Bushed Couplings**

SIZE AND PRICE		DIMENSIONS AND WEIGHTS		
Cover No.	List Price	A	B	Weight
AC40-12/16		4.00	2.00	.8
AC50-16/18		5.12	2.37	1.3
AC60-18/20		6.37	2.93	2.3
AC80-18/20		8.18	4.00	4.5
AC100-20		10.12	5.25	12
AC120-20		12.25	6.12	19



**Overload  
Clutch**



**DRIVE SAVER OVERLOAD CLUTCH**

For Use With Type A Sprockets

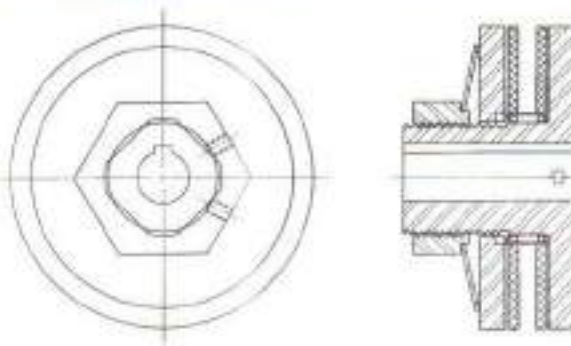
**Dimensions - Weights**

Outside Diameter	Bearing Outside Diameter	Overall Length	Maximum Bore	Minimum Space Between Friction Discs	MAXIMUM SPROCKET THICKNESS		Approx. Weight
					With Standard Friction Discs	With Special Friction Discs	
1.31	.812	1.37	.375	.062	.312		.3
1.31	.812	1.37	.375	.062	.312		.3
2.25	1.250	2.00	.750	.062	.437		1.0
2.25	1.250	2.00	.750	.062	.437		1.0
3.37	1.875	2.12	1.000	.125	.437		3.8
3.37	1.875	2.12	1.000	.125	.437		3.8
4.50	2.250	2.87	1.375	.187	.437	.692	6.0
4.50	2.250	2.87	1.375	.187	.437	.692	6.0
6.00	2.875	3.00	1.625	.250	.692	.924	10.0
6.00	2.875	3.00	1.625	.250	.692	.924	10.0
7.50	4.000	3.75	2.500	.437	.692	1.156	21.0
7.50	4.000	3.75	2.500	.437	.692	1.156	21.0
9.00	5.000	4.25	3.500	.500	.692	1.389	39.0
9.00	5.000	4.25	3.500	.500	.692	1.389	39.0

When ordering a unit without the sprocket, specify whether special or standard friction discs are required. Outside diameter of the Drive Saver cannot be larger than the maximum allowable hub diameter of the sprocket. See our maximum hub diameter chart below to determine the minimum size sprocket that can be used.

**Smallest Sprocket That Can Be Used On Each Size**

131	225	337	450	600	750	900
25A20	25A32	35A31	41A32	50A34	80A27	80A32
35A14	35A22	41A25	40A32	60A30	100A22	100A26
41A12	41A18	40A25	50A26	80A22	120A19	120A22
40A12	40A18	50A21	60A23	100A19	140A17	140A20
50A10	50A15	60A18	80A18	120A17	160A15	160A18
	60A13	80A14	100A15	140A15		
		100A12	120A13	160A14		



**DRIVE SAVER OVERLOAD PROTECTION CLUTCH**

For Use With Type A Plate Sprockets

Size And List Price

Maximum Torque Inch Lbs.	Catalog No.	Plain Bore		Finished Bores With Keyway And Setscrew		For Bore Sizes Not Shown - Add
		Bore Size	List Price	Bore Sizes Available	List Price	
75	OC131	.250		1/4, 5/16, 3/8		
150	OC131-2	.250		1/4, 5/16, 3/8		
420	OC225	.375		3/8, 1/2, 5/8, 3/4 *		
600	OC225-2	.375		3/8, 1/2, 5/8, 3/4 *		
1200	OC337	.500		1/2, 5/8, 3/4, 7/8, 1		
2100	OC337-2	.500		1/2, 5/8, 3/4, 7/8, 1		
2300	OC450	.750		3/4, 1, 1 1/8, 1 1/4, 1 3/8		
3400	OC450-2	.750		3/4, 1, 1 1/8, 1 1/4, 1 3/8		
3800	OC600	1.000		1, 1 1/4, 1 3/8, 1 7/16, 1 1/2, 1 5/8		
5300	OC600-2	1.000		1, 1 1/4, 1 3/8, 1 7/16, 1 1/2, 1 5/8		
6600	OC750	1.000		1, 1 1/2, 1 3/4, 1 15/16, 2		
9300	OC750-2	1.000		1, 1 1/2, 1 3/4, 1 15/16, 2		
12000	OC900	1.250		1 1/4, 1 3/4, 2, 2 1/4, 2 3/4		
15000	OC900-2	1.250		1 1/4, 1 3/4, 2, 2 1/4, 2 3/4		

\* Keyway in No. 225 with 3/4" bore is one half standard depth.  
 Sizes through 750 have needle bearings. No. 900 has bronze bushing.  
 (-2) Suffix indicates 2 springs.

To compute the price of sprocket to be used with Drive Saver, use standard Type A plate sprocket price plus twice the re-bore charge (in the appropriate quantity) for re-boring to fit the bearing and grinding the sprocket faces. Use regular sprocket discounts.

**REPAIR PARTS WHEN ORDERED SEPARATELY**

	131	225	337	450	600	750	900
Hubs Friction Disc(each)							
Pressure Plate Spring							
Nut Bearing							

Pipe Adapters

PIPE ADAPTERS

For Welding Into Standard 4", 6", and 8" Pipe



Type A

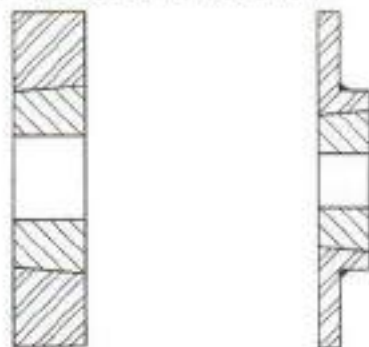
Plain Flat Plate or Welding To Shaft  
Can Also Be Keyed If Desired

Type B

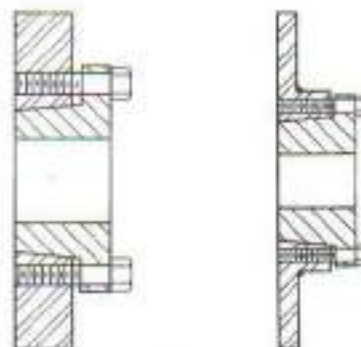
For Re-Boring And Fastening To Shaft  
With Keyway And Setscrew

Size and List Price			Alteration Charges - List Price Each				Dimensions - Weights			
Pipe Size	Cat. No.	List Price	Quantity Identical Items	Re-Bore Each	Each K.W.	Each S.S.	Outside Diam.	Hub Diam.	Stock Bores	Appx. Wt.
4	PA4A		1	20.00	8.00	8.00	4.00	....	1.000, 1.250	1.5
			2 - 4	14.00	5.60	5.60	4.00	2.75	1.438	
			5 - 9	12.00	4.80	4.80			1.00 Nominal	
4	PA4B		10 - 24	11.00	4.40	4.40				
6	PA6A		1	25.00	10.00	10.00	6.04	....	1.000, 1.250, 1.437	3.5
			2 - 4	17.50	7.00	7.00	6.04	3.50	1.938, 2.188	
			5 - 9	15.00	6.00	6.00			1.00 Nominal	
6	PA6B		10 - 24	13.80	5.50	5.50				
8	PA8A		1	30.00	12.00	12.00	8.04	....	1.250, 1.437	6.4
			2 - 4	21.00	8.40	8.40	8.04	4.25	2.938	
			5 - 9	18.00	7.20	7.20			1.25 Nominal	
8	PA8B		10 - 24	16.50	6.60	6.60				

Bores exceeding capacity of stock hub subject to additional charge.  
Setscrew charge applies to Type B only.



TAPER-LOCK® BUSHED



Q.D.® BUSHED

For ease in replacing broken or worn shaft

Pipe Size	Catalog No.	List Prices		Bushing No.	Bushing Bores		Outside Diameter	Hub Diameter	Approx. Weights	
		Pipe Adapter	Bushing Only		Min.	Max.			Pipe Adapter	Bushing Only
4	PA4TLA			1610	.500	1.625	4.00	....	3.0	.7
6	PA6TLA			2012	.500	2.000	6.04	....	8.9	1.2
8	PA8TLB			2517	.500	2.500	8.04	4.25	8.6	2.4
4	PA4QDA			SH	.500	1.688	4.00	....	4.7	1.2
6	PA6QDA			SDS	.500	2.000	6.04	....	4.7	1.2
8	PA8QDB			SK	.500	2.625	8.04	4.25	6.7	2.0

For large quantities or other specifications - please secure a quotation.



**STEEL GEAR RACK**

14 1/2° Pressure Angle

Made From Cold Drawn 1018 Steel Bar Stock

Size and List Price			Dimensions - Weights				
Diametral Pitch	Catalog No.	List Price Per Piece	Face Width	Overall Thickness	Pitch Line To Back	Stock Length	Approx. Weight Per Piece
20	SR20Fx2		3/8	3/8	.325	2'	.84
	SR20Fx4					4'	1.68
	SR20Fx6					6'	2.52
16	SR16Fx2		1/2	1/2	.438	2'	1.50
	SR16Fx4					4'	3.00
	SR16Fx6					6'	4.50
12	RR12Fx4		3/4	1/2	.417	4'	4.28
	RR12Fx6					6'	6.40
12	SR12Fx4		3/4	3/4	.667	4'	6.80
	SR12Fx6					6'	10.20
10	RR10Fx4		1	5/8	.525	4'	7.10
	RR10Fx6					6'	10.70
10	SR10Fx4		1	1	.900	4'	12.00
	SR10Fx6					6'	18.00
8	RR8Fx4		1 1/4	3/4	.625	4'	11.00
	RR8Fx6					6'	16.00
8	SR8Fx4		1 1/4	1 1/4	1.125	4'	19.00
	SR8Fx6					6'	29.00
6	RR6Fx4		1 1/2	1	.833	4'	17.00
	RR6Fx6					6'	26.00
6	SR6Fx4		1 1/2	1 1/2	1.333	4'	27.00
	SR6Fx6					6'	41.00
5	RR5Fx4		1 3/4	1 1/4	1.050	4'	33.00
	RR5Fx6					6'	50.00
4	RR4Fx4		2	1 1/2	1.250	4'	34.00
	RR4Fx6					6'	51.00
3	RR3Fx4		3	1 1/2	1.167	4'	48.00
	RR3Fx6					6'	72.00

Stock lengths are cut long to allow matching.  
 20° Pressure Angle available made-to-order.

20 D.P. Spur



STEEL SPUR GEARS

20 Diametral Pitch 3/8" Face 14 1/2° Pressure Angle

Size and List Price		Alteration Charges List Price Each				Dimensions - Weights							
Catalog No.	List Price	Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.	Type	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Appx. Wt.	
20FS12	20, 10					B	.600	.46	.75	.312	-	.03	
20FS13						B	.650	.50	.75	.312	-	.04	
20FS14						B	.700	.56	.75	.312	-	.05	
20FS15						B	.750	.60	.75	.375	-	.06	
20FS16						B	.800	.65	.75	.375	-	.07	
20FS18						B	.900	.75	.75	.375	.375	.09	
20FS20						B	1.000	.85	.75	.375	.437	.12	
20FS22						B	1.100	.95	.75	.375	.500	.15	
20FS24						B	1.200	1.06	.75	.375	.562	.19	
20FS25						B	1.250	1.10	.75	.375	.562	.21	
20FS28						B	1.400	1.26	.75	.375	.687	.27	
20FS30						B	1.500	1.35	.75	.375	.750	.32	
20FS32						B	1.600	1.43	.87	.375	.875	.4	
20FS35						B	1.750	1.56	.87	.375	.875	.5	
20FS36						B	1.800	1.62	.87	.375	.937	.5	
20FS40						B	2.000	1.81	.87	.375	1.062	.7	
20FS45			1	66.00	26.00	26.00	B	2.250	2.00	.87	.375	1.250	.8
20FS48			2 - 4	46.00	18.50	18.50	B	2.400	2.00	.87	.375	1.250	.9
20FS50			5 - 9	40.00	15.80	15.80	B	2.500	2.00	.87	.375	1.250	.9
20FS60			10 - 24	36.30	14.50	14.50	B	3.000	2.00	.87	.375	1.250	1.1
20FS64							B	3.200	2.00	.87	.375	1.250	1.2
20FS70							B	3.500	2.00	.87	.375	1.250	1.4
20FS72							B	3.600	2.00	.87	.375	1.250	1.5
20FS80							B	4.000	2.00	.87	.500	1.250	1.7
20FS84							B	4.200	2.00	.87	.500	1.250	1.9
20FS90							B	4.500	2.00	.87	.500	1.250	2.0
20FS96							B	4.800	2.00	.87	.500	1.250	2.3
20FS100							B	5.000	2.00	.87	.500	1.250	2.4
20FS112*							B	5.600	2.46	1.00	.500	1.250	3.0
20FS120*							B	6.000	2.46	1.00	.500	1.250	3.4
20FS140*						B	7.000	2.46	1.00	.500	1.250	4.4	
20FS144*						B	7.200	2.46	1.00	.500	1.250	4.7	
20FS160*						B	8.000	2.46	1.00	.500	1.250	5.8	
20FS180*						B	9.000	2.46	1.00	.500	1.250	7.2	
20FS200*						B	10.000	2.46	1.00	.500	1.250	8.8	

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

**HARDENING** - Add preparation charge of \$22.00 divided by the number of identical items plus \$.47 per tooth to the list price.

\* In order to reduce costs, the (\*) items listed above are made with a bolt-on hub as shown in the drawing at the top of the page. These gears are designed, manufactured and guaranteed to operate as well as solid steel gears. Please inquire for a quotation when specific applications make this method of construction unacceptable.



16 D.P. Spur

STEEL SPUR GEARS

16 Diametral Pitch 1/2" Face 14 1/2° Pressure Angle

Size and List Price		Alteration Charges List Price Each				Dimensions - Weights						
Catalog No.	List Price	Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.	Type	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Appx Wt.
16FS12						B	.750	.56	.93	.375	-	.06
16FS13						B	.813	.62	.93	.375	-	.08
16FS14						B	.875	.68	.93	.375	-	.09
16FS15						B	.938	.75	.93	.500	-	.09
16FS16						B	1.000	.81	.93	.500	.500	.10
16FS18						B	1.125	.93	.93	.500	.500	.17
16FS20						B	1.250	1.06	.93	.500	.562	.23
16FS22						B	1.375	1.18	.93	.500	.625	.30
16FS24						B	1.500	1.31	.93	.500	.750	.36
16FS26						B	1.625	1.43	.93	.500	.875	.44
16FS28						B	1.750	1.56	1.00	.500	.875	.5
16FS30						B	1.875	1.68	1.00	.500	.937	.6
16FS32		1	66.00	26.00	26.00	B	2.000	1.75	1.00	.500	1.000	.7
16FS36		2 - 4	46.00	18.50	18.50	B	2.250	2.06	1.00	.500	1.250	.9
16FS40		5 - 9	40.00	15.80	15.80	B	2.500	2.25	1.00	.500	1.312	1.2
16FS48		10 - 24	36.30	14.50	14.50	B	3.000	2.25	1.00	.500	1.312	1.5
16FS54						B	3.375	2.25	1.00	.500	1.312	1.7
16FS56						B	3.500	2.25	1.00	.500	1.312	1.8
16FS60						B	3.750	2.25	1.12	.500	1.312	2.2
16FS64						B	4.000	2.25	1.12	.625	1.312	2.4
16FS72						B	4.500	2.25	1.12	.625	1.312	2.9
16FS80						B	5.000	2.25	1.12	.625	1.312	3.4
16FS84						B	5.250	2.25	1.12	.625	1.312	3.7
16FS96*						B	6.000	2.96	1.25	.625	1.312	4.7
16FS112*						B	7.000	2.96	1.25	.625	1.312	6.1
16FS120*						B	7.500	2.96	1.25	.625	1.312	6.9
16FS128*						B	8.000	2.96	1.25	.625	1.312	7.8
16FS144*						B	9.000	2.96	1.25	.625	1.312	9.8
16FS160*						B	10.000	2.96	1.25	.625	1.312	12
16FS192*						B	12.000	2.96	1.25	.625	1.312	17

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

**HARDENING** - Add preparation charge of \$22.00 divided by the number of identical items plus \$.55 per tooth to the list price.

\* In order to reduce costs, the (\*) items listed above are made with a bolt-on hub as shown in the drawing at the top of the page. These gears are designed, manufactured and guaranteed to operate as well as solid steel gears. Please inquire for a quotation when specific applications make this method of construction unacceptable.

12 D.P. Spur



STEEL SPUR GEARS

12 Diametral Pitch 3/4" Face 14 1/2° Pressure Angle

Size and List Price		Alteration Charges List Price Each				Dimensions - Weights						
Catalog No.	List Price	Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.	Type	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Appx. Wt.
12FS12						B	1.000	.75	1.25	.500	-	.15
12FS13						B	1.083	.81	1.25	.500	.500	.20
12FS14						B	1.167	.90	1.25	.500	.500	.25
12FS15						B	1.250	1.00	1.25	.625	.625	.26
12FS16						B	1.333	1.06	1.25	.625	.625	.31
12FS18						B	1.500	1.25	1.25	.625	.687	.4
12FS20						B	1.667	1.40	1.25	.625	.812	.5
12FS21						B	1.750	1.50	1.25	.625	.875	.6
12FS22						B	1.833	1.56	1.25	.625	.875	.7
12FS24						B	2.000	1.75	1.25	.625	1.000	.9
12FS28						B	2.333	2.06	1.25	.625	1.250	1.3
12FS30						B	2.500	2.25	1.37	.625	1.312	1.6
12FS32		1	66.00	25.00	25.00	B	2.667	2.40	1.37	.625	1.375	1.9
12FS36		2 - 4	46.00	18.50	18.50	B	3.000	2.50	1.37	.625	1.375	2.3
12FS40		5 - 9	40.00	15.80	15.80	B	3.333	2.50	1.37	.625	1.375	2.6
12FS42		10 - 24	36.30	14.50	14.50	B	3.500	2.50	1.37	.625	1.375	2.8
12FS48						B	4.000	2.50	1.50	.750	1.375	3.7
12FS54						B	4.500	2.50	1.50	.750	1.375	4.3
12FS60						B	5.000	2.50	1.50	.750	1.375	5.1
12FS64						B	5.333	2.50	1.50	.750	1.375	5.7
12FS72*						B	6.000	2.96	1.62	.750	1.375	7.0
12FS84*						B	7.000	2.96	1.62	.750	1.375	9.1
12FS96*						B	8.000	2.96	1.62	.750	1.375	11
12FS108*						B	9.000	2.96	1.62	.750	1.375	14
12FS120*						B	10.000	2.96	1.62	.750	1.375	17
12FS144*						B	12.000	2.96	1.62	.750	1.375	28
12FS168*						B	14.000	2.96	1.62	.750	1.375	33

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

**HARDENING** - Add preparation charge of \$22.00 divided by the number of identical items plus \$.77 per tooth to the list price.

\* In order to reduce costs, the (\*) items listed above are made with a bolt-on hub as shown in the drawing at the top of the page. These gears are designed, manufactured and guaranteed to operate as well as solid steel gears. Please inquire for a quotation when specific applications make this method of construction unacceptable.



STEEL SPUR GEARS

10 Diametral Pitch 1" Face 14 1/2° Pressure Angle

Size and List Price		Alteration Charges List Price Each				Dimensions - Weights						
Catalog No.	List Price	Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.	Type	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
10FS12						B	1.200	.93	1.62	.625	-	.28
10FS14						B	1.400	1.12	1.62	.625	.625	.45
10FS15						B	1.500	1.21	1.62	.750	.750	.49
10FS16						B	1.600	1.31	1.62	.750	.750	.5
10FS18						B	1.800	1.53	1.62	.750	.875	.8
10FS20						B	2.000	1.71	1.62	.750	.937	1.0
10FS24						B	2.400	2.12	1.62	.750	1.250	1.7
10FS25						B	2.500	2.21	1.62	.750	1.312	1.7
10FS28						B	2.800	2.50	1.87	.750	1.375	2.7
10FS30						B	3.000	2.70	1.87	.750	1.625	3.3
10FS32						B	3.200	2.75	1.87	.750	1.625	3.5
10FS35						B	3.500	2.75	1.87	.750	1.625	3.9
10FS36		1	66.00	26.00	26.00	B	3.600	2.75	1.87	.750	1.625	4.1
10FS40		2 - 4	46.00	18.50	18.50	B	4.000	2.75	1.84	.750	1.625	4.7
10FS42		5 - 9	40.00	15.80	15.80	B	4.200	2.75	1.84	.750	1.625	5.2
10FS45		10 - 24	36.30	14.50	14.50	B	4.500	2.75	1.84	.750	1.625	5.7
10FS48						B	4.800	2.75	1.84	.750	1.625	6.0
10FS50						B	5.000	2.75	1.84	.750	1.625	6.7
10FS54						B	5.400	2.75	1.84	.750	1.625	7.7
10FS55						B	5.500	2.75	1.84	.750	1.625	7.9
10FS60						B	6.000	2.75	1.84	.750	1.625	9.2
10FS64						B	6.400	2.75	1.84	.750	1.625	10
10FS70						B	7.000	2.75	1.84	.750	1.625	12
10FS72						B	7.200	2.75	1.84	.750	1.625	13
10FS80						B	8.000	2.75	1.84	.750	1.625	15
10FS84						B	8.400	2.75	1.84	.750	1.625	17
10FS90						B	9.000	2.75	1.84	.750	1.625	19
10FS96						B	9.600	2.75	1.84	.750	1.625	21
10FS100						Web	10.000	3.00	1.96	1.000	1.625	15
10FS110		1	88.00	36.00	36.00	Web	11.000	3.00	1.96	1.000	1.625	17
10FS120		2 - 4	62.00	24.60	24.60	Web	12.000	3.00	1.96	1.000	1.625	19
10FS140		5 - 9	52.00	21.10	21.10	Web	14.000	3.00	1.96	1.000	1.625	26
10FS144		10 - 24	48.00	19.30	19.30	Web	14.400	3.00	1.96	1.000	1.625	27

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

\* Stock bores in 40 through 144 teeth are nominal and must be re-bored.

**HARDENING** - Add preparation charge of \$22.00 divided by the number of identical items plus \$.1.10 per tooth to the list price.

8 D.P. Spur



**STEEL SPUR GEARS**

8 Diametral Pitch 1 1/4" Face 14 1/2° Pressure Angle

Size and List Price		Alteration Charges List Price Each				Dimensions - Weights						
Catalog No.	List Price	Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.	Type	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
8FS12						B	1.500	1.12	2.00	.750	.750	.6
8FS14						B	1.750	1.37	2.00	.750	.812	.9
8FS15						B	1.875	1.50	2.00	.750	.875	1.0
8FS16		1	66.00	26.00	26.00	B	2.000	1.62	2.00	.750	.937	1.2
		2 - 4	46.00	18.50	18.50							
8FS18		5 - 9	40.00	15.80	15.80	B	2.250	1.87	2.00	.750	1.125	1.6
8FS20		10 - 24	36.30	14.50	14.50	B	2.500	2.12	2.00	.750	1.250	2.1
8FS22						B	2.750	2.37	2.00	.750	1.375	2.7
8FS24						B	3.000	2.62	2.21	.750	1.500	4.0
8FS28						B	3.500	3.00	2.21	.750	1.750	5.4
8FS30						B	3.750	3.00	2.21	.750	1.750	5.9
8FS32						B	4.000	3.00	2.21	.750	1.750	6.4
8FS36						B	4.500	3.00	2.21	.750	1.750	7.6
8FS40						B	5.000	3.00	2.21	.750	1.750	8.9
8FS42		1	88.00	36.00	36.00	B	5.250	3.00	2.21	.750	1.750	9.6
8FS44		2 - 4	62.00	24.60	24.60	B	5.500	3.00	2.21	.750	1.750	10
8FS48		5 - 9	52.00	21.10	21.10	B	6.000	3.00	2.21	.750	1.750	12
8FS54		10 - 24	48.00	19.30	19.30	B	6.750	3.00	2.21	.750	1.750	14
8FS56						B	7.000	3.00	2.21	.750	1.750	15
8FS60						B	7.500	3.00	2.21	.750	1.750	17
8FS64						B	8.000	3.00	2.21	.750	1.750	19
8FS72						B	9.000	3.00	2.21	.750	1.750	24
8FS80						Web	10.000	3.50	2.31	1.000	2.000	16
8FS84						Web	10.500	3.50	2.31	1.000	2.000	18
8FS88		1	110.00	44.00	44.00	Web	11.000	3.50	2.31	1.000	2.000	19
8FS96		2 - 4	77.00	31.00	31.00	Web	12.000	3.50	2.31	1.000	2.000	21
		5 - 9	66.00	26.40	26.40							
8FS112		10 - 24	62.00	24.20	24.20	Web	14.000	3.50	2.31	1.000	2.000	28
8FS128						Web	16.000	3.50	2.31	1.000	2.000	34
8FS144						Web	18.000	3.50	2.31	1.000	2.000	43

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

\* Stock bores in 40 through 144 teeth are nominal and must be re-bored.

**HARDENING** - Add preparation charge of \$44.00 divided by the number of identical items plus \$1.76 per tooth to the list price.



STEEL SPUR GEARS

6 Diametral Pitch 1 1/2" Face 14 1/2° Pressure Angle

Size and List Price		Alteration Charges List Price Each				Dimensions - Weights						
Catalog No.	List Price	Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.	Type	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
6FS12		1	66.00	26.00	26.00	B	2.000	1.50	2.37	1.000	1.000	1.2
6FS14		1	66.00	26.00	26.00	B	2.333	1.81	2.37	1.000	1.062	1.9
6FS15		2 - 4	46.00	18.50	18.50	B	2.500	2.00	2.37	1.000	1.250	2.2
		5 - 9	40.00	15.80	15.80							
6FS16		10 - 24	36.30	14.50	14.50	B	2.667	2.18	2.37	1.000	1.250	2.7
6FS18						B	3.000	2.50	2.37	1.000	1.375	3.5
6FS20						B	3.333	2.87	2.37	1.000	1.750	4.6
6FS21						B	3.500	3.00	2.37	1.000	1.750	5.2
6FS24						B	4.000	3.50	2.43	1.000	2.000	7.2
6FS27						B	4.500	3.50	2.43	1.000	2.000	8.6
6FS30		1	88.00	36.00	36.00	B	5.000	3.50	2.43	1.000	2.000	10
6FS32		2 - 4	62.00	24.60	24.60	B	5.333	3.50	2.43	1.000	2.000	11
6FS33		5 - 9	52.00	21.10	21.10	B	5.500	3.50	2.43	1.000	2.000	12
6FS36		10 - 24	48.00	19.30	19.30	B	6.000	3.50	2.43	1.000	2.000	14
6FS40						B	6.667	4.00	2.56	1.000	2.250	18
6FS42						B	7.000	4.00	2.56	1.000	2.250	19
6FS48						B	8.000	4.00	2.56	1.000	2.250	24
6FS54						B	9.000	4.00	2.56	1.000	2.250	30
6FS60						Web	10.000	4.25	2.68	1.000	2.375	22
6FS64						Web	10.667	4.25	2.68	1.000	2.375	25
6FS66						Web	11.000	4.25	2.68	1.000	2.375	27
6FS72						Web	12.000	4.25	2.68	1.000	2.375	31
6FS84		1	110.00	44.00	44.00	Web	14.000	4.25	2.81	1.250	2.375	32
6FS96		2 - 4	77.00	31.00	31.00	Web	16.000	4.25	2.81	1.250	2.375	38
6FS108		5 - 9	66.00	26.40	26.40	Web	18.000	4.25	2.81	1.250	2.375	46
6FS120		10 - 24	62.00	24.20	24.20	Web	20.000	4.50	3.00	1.437	2.625	56
6FS132						Web	22.000	4.50	3.00	1.437	2.625	65
6FS144						Web	24.000	4.50	3.00	1.437	2.625	76

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

\* Stock bores in 30 through 108 teeth are nominal and must be re-bored.

**HARDENING** - Add preparation charge of \$44.00 divided by the number of identical items plus \$2.65 per tooth to the list price.

5 D.P. Spur



**STEEL SPUR GEARS**

5 Diametral Pitch 1 3/4" Face 14 1/2° Pressure Angle

Size and List Price		Alteration Charges List Price Each				Dimensions - Weights						
Catalog No.	List Price	Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.	Type	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Appx. Wt.
5FS12						B	2.400	1.81	2.62	1.000	1.062	2.1
5FS14						B	2.800	2.25	2.62	1.000	1.312	3.2
5FS15						B	3.000	2.43	2.62	1.000	1.375	3.6
5FS16						B	3.200	2.62	2.62	1.000	1.500	4.5
5FS18		1	88.00	36.00	36.00	B	3.600	3.00	2.62	1.000	1.750	6.0
5FS20		2 - 4	62.00	24.60	24.60	B	4.000	3.43	2.62	1.000	1.937	7.6
5FS24		5 - 9	52.00	21.10	21.10	B	4.800	4.25	2.93	1.000	2.375	13
5FS25		10 - 24	48.00	19.30	19.30	B	5.000	4.25	2.93	1.000	2.375	14
5FS28						B	5.600	4.25	2.93	1.000	2.375	16
5FS30						B	6.000	4.25	2.93	1.000	2.375	18
5FS35						B	7.000	4.25	2.93	1.000	2.375	23
5FS40						B	8.000	4.25	2.93	1.000	2.375	29
5FS45						B	9.000	5.00	2.93	1.000	2.875	38
5FS50						B	10.000	5.00	2.93	1.000	2.875	45
5FS55		1	132.00	52.00	52.00	Web	11.000	5.00	2.93	1.000	2.875	33
5FS60		2 - 4	92.00	37.00	37.00	Web	12.000	5.00	2.93	1.000	2.875	38
		5 - 9	80.00	32.00	32.00							
5FS70		10 - 24	72.00	29.00	29.00	Web	14.000	5.00	3.06	1.250	2.875	44
5FS80						Web	16.000	5.00	3.06	1.250	2.875	51
5FS90						Web	18.000	5.00	3.06	1.250	2.875	59
5FS100		1	176.00	70.00	70.00	Web	20.000	5.50	3.25	1.437	3.250	73
5FS110		2 - 4	124.00	50.00	50.00	Web	22.000	5.50	3.25	1.437	3.250	84
5FS120		5 - 9	106.00	40.00	40.00	Web	24.000	5.50	3.25	1.437	3.250	107

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

\* Stock bores in 28 through 90 teeth are nominal and must be re-bored.

**HARDENING** - Add preparation charge of \$44.00 divided by the number of identical items plus \$4.40 per tooth to the list price.



**SPECIAL HERRINGBONE,  
HELICAL AND SPIRAL  
GEAR SETS  
AVAILABLE MADE-TO-ORDER**





4 D.P. Spur

STEEL SPUR GEARS

4 Diametral Pitch 2" Face 14 1/2° Pressure Angle

Size and List Price		Alteration Charges List Price Each				Dimensions - Weights						
Catalog No.	List Price	Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.	Type	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
4FS12						B	3.000	2.31	2.87	1.000	1.375	4.1
4FS14						B	3.500	2.75	2.87	1.000	1.625	6.0
4FS15		1	88.00	36.00	36.00	B	3.750	3.00	2.87	1.000	1.750	7.1
		2 - 4	62.00	24.60	24.60							
4FS16		5 - 9	52.00	21.10	21.10	B	4.000	3.25	2.87	1.000	1.812	8.2
4FS18		10 - 24	48.00	19.30	19.30	B	4.500	3.75	2.87	1.000	2.250	10
4FS20						B	5.000	4.25	2.87	1.000	2.375	13
4FS22						B	5.500	4.75	2.87	1.000	2.750	16
4FS24						B	6.000	5.00	3.43	1.000	2.875	23
4FS28		1	132.00	52.00	52.00	B	7.000	5.00	3.43	1.000	2.875	28
		2 - 4	92.00	37.00	37.00							
4FS30		5 - 9	80.00	32.00	32.00	B	7.500	5.00	3.43	1.000	2.875	32
4FS32		10 - 24	72.00	29.00	29.00	B	8.000	5.00	3.43	1.000	2.875	35
4FS36						B	9.000	5.00	3.43	1.000	2.875	41
4FS40						B	10.000	5.00	3.43	1.000	2.875	51
4FS42						B	10.500	5.00	3.43	1.000	2.875	56
4FS44						B	11.000	5.00	3.43	1.000	2.875	61
4FS48		1	176.00	70.00	70.00	Web	12.000	5.00	3.43	1.000	2.875	47
		2 - 4	124.00	50.00	50.00							
4FS54		5 - 9	106.00	40.00	40.00	Web	13.500	5.00	3.43	1.000	2.875	66
4FS56						Web	14.000	5.00	3.43	1.250	2.875	49
4FS60						Web	15.000	5.00	3.43	1.250	2.875	55
4FS64						Web	16.000	5.00	3.43	1.250	2.875	58
4FS72						Web	18.000	5.50	3.50	1.437	3.250	70
4FS80						Web	20.000	5.50	3.50	1.437	3.250	80
4FS84		1	220.00	88.00	88.00	Web	21.000	5.50	3.50	1.437	3.250	85
		2 - 4	154.00	61.00	61.00							
4FS88		5 - 9	132.00	53.00	53.00	Web	22.000	5.50	3.75	1.437	3.250	104
4FS96						Web	24.000	5.50	3.75	1.437	3.250	118
4FS120						Web	30.000	6.00	3.75	1.437	3.625	169

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

\* Stock bores in 28 through 64 teeth are nominal and must be re-bored.

**HARDENING** - Add preparation charge of \$44.00 divided by the number of identical items plus \$6.60 per tooth to the list price.

3 D.P. Spur



*Linn*

**STEEL SPUR GEARS**

3 Diametral Pitch 3" Face 14 1/2° Pressure Angle

Size and List Price		Alteration Charges List Price Each				Dimensions - Weights						
Catalog No.	List Price	Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.	Type	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Appx. Wt.
3FS12						A	4.000	-	3.00	1.250	1.750	10
3FS14						A	4.667	-	3.00	1.250	2.250	14
3FS15		1	132.00	52.00	52.00	A	5.000	-	3.00	1.250	2.312	15
3FS16		2 - 4	92.00	37.00	37.00	A	5.333	-	3.00	1.250	2.625	17
		5 - 9	80.00	32.00	32.00							
3FS18		10 - 24	72.00	29.00	29.00	A	6.000	-	3.00	1.250	2.875	22
3FS20						A	6.667	-	3.00	1.250	3.500	27
3FS21						A	7.000	-	3.00	1.250	3.750	30
3FS24						B	8.000	5.00	4.18	1.250	2.875	48
3FS30						B	10.000	5.00	4.18	1.250	2.875	72
3FS36		1	176.00	70.00	70.00	B	12.000	5.50	4.62	1.250	3.250	106
3FS42		2 - 4	124.00	50.00	50.00	B	14.000	5.50	4.62	1.437	3.250	140
		5 - 9	106.00	40.00	40.00							
3FS48						Web	16.000	5.50	4.75	1.437	3.250	94
3FS54						Web	18.000	5.50	4.75	1.437	3.250	105
3FS60						Web	20.000	5.50	4.75	1.437	3.250	120
3FS72						Web	24.000	6.00	4.75	1.687	3.625	155
3FS84						Web	28.000	6.00	4.75	1.687	3.625	190
3FS90		1	352.00	140.00	140.00	Web	30.000	6.00	4.75	1.687	3.625	210
		2 - 4	246.00	96.00	96.00							
		5 - 9	212.00	84.00	84.00							
3FS96						Web	32.000	6.50	4.75	2.187	4.000	258
3FS108						Web	36.000	6.50	4.75	2.187	4.000	311
3FS120						Web	40.000	6.50	4.75	2.187	4.000	362

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

\* Stock bores in 24 through 36 teeth are nominal and must be re-bored.

**HARDENING** - Add preparation charge of \$66.00 divided by the number of identical items plus \$13.20 per tooth to the list price.



**SPIRAL MITER AND BEVEL GEAR SETS ARE  
AVAILABLE MADE-TO-ORDER**



**STEEL SPUR GEARS**

2 1/2 Diametral Pitch 3 1/2" Face 14 1/2° Pressure Angle

Size and List Price		Alteration Charges List Price Each				Dimensions - Weights						
Catalog No.	List Price	Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.	Type	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore *	Max. Bore	Appx. Wt.
2 1/2FS12						A	4.800	-	3.50	1.437	2.250	17
2 1/2FS13						A	5.200	-	3.50	1.437	2.375	20
2 1/2FS14		1	220.00	88.00	88.00	A	5.600	-	3.50	1.437	2.750	24
2 1/2FS15		2 - 4	154.00	61.00	61.00	A	6.000	-	3.50	1.437	2.875	28
		5 - 9	132.00	53.00	53.00							
2 1/2FS16						A	6.400	-	3.50	1.437	3.250	31
2 1/2FS18						A	7.200	-	3.50	1.437	3.750	40
2 1/2FS20						A	8.000	-	3.50	1.437	4.500	50
2 1/2FS21						B	8.400	5.50	5.12	1.687	3.250	64
2 1/2FS24						B	9.600	5.50	5.12	1.687	3.250	81
2 1/2FS30		1	264.00	106.00	106.00	B	12.000	5.50	5.12	1.687	3.250	121
		2 - 4	185.00	73.00	73.00							
		5 - 9	158.00	62.00	62.00							
2 1/2FS40						Web	16.000	5.50	5.12	1.687	3.250	111
2 1/2FS45						Web	18.000	6.00	5.12	1.687	3.625	134
2 1/2FS50						Web	20.000	6.00	5.12	1.687	3.625	148
2 1/2FS60						Web	24.000	6.00	5.12	1.687	3.625	185
2 1/2FS72		1	440.00	176.00	176.00	Web	28.800	6.50	5.12	2.187	4.000	262
2 1/2FS80		2 - 4	308.00	124.00	124.00	Web	32.000	6.50	5.12	2.187	4.000	294
		5 - 9	264.00	106.00	106.00							
2 1/2FS100						Web	40.000	7.00	5.75	2.187	4.500	453
2 1/2FS120						Web	48.000	7.00	5.75	2.187	4.500	640

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

\* Stock bores in 21 through 30 teeth are nominal and must be re-bored.

**HARDENING** - Add preparation charge of \$38.00 divided by the number of identical items plus \$18.00 per tooth to the list price.

**SPECIAL HERRINGBONE,  
HELICAL AND SPIRAL  
GEAR SETS  
AVAILABLE MADE-TO-ORDER**



2 D.P. Spur



**STEEL SPUR GEARS**

2 Diametral Pitch 4 1/2" Face 14 1/2° Pressure Angle

Size and List Price		Alteration Charges List Price Each				Dimensions - Weights						
Catalog No.	List Price	Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.	Type	Pitch Diam.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Appx. Wt.
2FS12						A	6.000	-	4.50	1.687	2.750	36
2FS13						A	6.500	-	4.50	1.687	3.000	42
2FS14		1	220.00	88.00	88.00	A	7.000	-	4.50	1.687	3.500	49
		2 - 4	154.00	61.00	61.00							
2FS15		5 - 9	132.00	53.00	53.00	A	7.500	-	4.50	1.687	3.875	56
2FS16						A	8.000	-	4.50	1.687	4.375	64
2FS18						A	9.000	-	4.50	1.687	5.000	81
2FS20						B	10.000	6.00	6.12	2.187	3.625	110
2FS21		1	308.00	124.00	124.00	B	10.500	6.00	6.12	2.187	3.625	121
2FS24		2 - 4	216.00	86.00	86.00	B	12.000	6.00	6.12	2.187	3.625	155
2FS30		5 - 9	185.00	73.00	73.00	B	15.000	6.00	6.12	2.187	3.625	236
2FS40						Web	20.000	6.50	6.12	2.187	4.000	215
2FS48		1	440.00	176.00	176.00	Web	24.000	6.50	6.12	2.187	4.000	267
		2 - 4	308.00	124.00	124.00							
2FS54		5 - 9	264.00	106.00	106.00	Web	27.000	6.50	6.12	2.187	4.000	329
2FS60						Web	30.000	6.50	6.12	2.187	4.000	377
2FS72						Web	36.000	7.00	6.12	2.937	4.500	493
2FS80		1	660.00	264.00	264.00	Web	40.000	7.00	6.12	2.937	4.500	570
2FS84		2 - 4	462.00	184.00	184.00	Web	42.000	7.00	6.12	2.937	4.500	610
		5 - 9	396.00	158.00	158.00							
2FS96						Web	48.000	8.00	6.50	2.937	5.250	780
2FS100						Web	50.000	8.00	6.50	2.937	5.250	830

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

\* Stock bores in 20 through 30 teeth are nominal and must be re-bored.

**HARDENING** - Add preparation charge of \$88.00 divided by the number of identical items plus \$26.00 per tooth to the list price.



**SPIRAL MITER AND BEVEL GEAR SETS ARE AVAILABLE MADE-TO-ORDER**



20 D. P.  
Change Gears



**CHANGE GEAR BUSHING**  
5/8" O. D. 7/16" Bore 3/4" Long  
Part No. 20CGB - \$39.60 List

**20 D. P. STEEL CHANGE GEARS**

5/8" Bore With 2 - 1/8" x 1/16" Keyways 180° Apart  
20 Diametral Pitch 3/8" Face 14 1/2° Pressure Angle

Catalog No.	List Price	Pitch Diam.	Apprx. Wt.	Catalog No.	List Price	Pitch Diam.	Apprx. Wt.	Catalog No.	List Price	Pitch Diam.	Apprx. Wt.
20CG20		1.000	.05	20CG54		2.700	.58	20CG88		4.400	1.6
20CG21		1.050	.06	20CG55		2.750	.60	20CG89		4.450	1.6
20CG22		1.100	.07	20CG56		2.800	.62	20CG90		4.500	1.7
20CG23		1.150	.08	20CG57		2.850	.64	20CG91		4.550	1.7
20CG24		1.200	.09	20CG58		2.900	.66	20CG92		4.600	1.8
20CG25		1.250	.10	20CG59		2.950	.68	20CG93		4.650	1.8
20CG26		1.300	.11	20CG60		3.000	.72	20CG94		4.700	1.8
20CG27		1.350	.12	20CG61		3.050	.76	20CG95		4.750	1.9
20CG28		1.400	.13	20CG62		3.100	.79	20CG96		4.800	1.9
20CG29		1.450	.14	20CG63		3.150	.82	20CG97		4.850	2.0
20CG30		1.500	.16	20CG64		3.200	.83	20CG98		4.900	2.0
20CG31		1.550	.17	20CG65		3.250	.85	20CG99		4.950	2.0
20CG32		1.600	.19	20CG66		3.300	.91	20CG100		5.000	2.1
20CG33		1.650	.20	20CG67		3.350	.94	20CG101		5.050	2.1
20CG34		1.700	.22	20CG68		3.400	.97	20CG102		5.100	2.2
20CG35		1.750	.24	20CG69		3.450	.99	20CG103		5.150	2.2
20CG36		1.800	.26	20CG70		3.500	1.0	20CG104		5.200	2.3
20CG37		1.850	.28	20CG71		3.550	1.1	20CG105		5.250	2.3
20CG38		1.900	.30	20CG72		3.600	1.1	20CG106		5.300	2.4
20CG39		1.950	.32	20CG73		3.650	1.1	20CG107		5.350	2.4
20CG40		2.000	.33	20CG74		3.700	1.2	20CG108		5.400	2.4
20CG41		2.050	.34	20CG75		3.750	1.2	20CG109		5.450	2.5
20CG42		2.100	.36	20CG76		3.800	1.2	20CG110		5.500	2.5
20CG43		2.150	.37	20CG77		3.850	1.3	20CG111		5.550	2.6
20CG44		2.200	.38	20CG78		3.900	1.3	20CG112		5.600	2.6
20CG45		2.250	.40	20CG79		3.950	1.4	20CG113		5.650	2.7
20CG46		2.300	.42	20CG80		4.000	1.4	20CG114		5.700	2.7
20CG47		2.350	.44	20CG81		4.050	1.4	20CG115		5.750	2.7
20CG48		2.400	.46	20CG82		4.100	1.4	20CG116		5.800	2.8
20CG49		2.450	.48	20CG83		4.150	1.5	20CG117		5.850	2.8
20CG50		2.500	.50	20CG84		4.200	1.5	20CG118		5.900	2.9
20CG51		2.550	.52	20CG85		4.250	1.5	20CG119		5.950	2.9
20CG52		2.600	.54	20CG86		4.300	1.6	20CG120		6.000	3.0
20CG53		2.650	.56	20CG87		4.350	1.6				

16 D. P.  
Change Gears



**CHANGE GEAR BUSHING**  
3/4" O. D. 1/2" Bore 1" Long  
Part No. 16CGB - \$48.40 List



**16 D. P. STEEL CHANGE GEARS**

3/4" Bore With 2 - 3/16" x 3/32" Keyways 180° Apart  
16 Diametral Pitch 1/2" Face 14 1/2° Pressure Angle

Catalog No.	List Price	Pitch Diam.	Apprx. Wt.	Catalog No.	List Price	Pitch Diam.	Apprx. Wt.	Catalog No.	List Price	Pitch Diam.	Apprx. Wt.
16CG20		1.250	.06	16CG57		3.562	1.3	16CG94		5.875	3.8
16CG21		1.312	.07	16CG58		3.625	1.3	16CG95		5.937	3.9
16CG22		1.375	.09	16CG59		3.687	1.4	16CG96		6.000	4.0
16CG23		1.437	.11	16CG60		3.750	1.4	16CG97		6.062	4.1
16CG24		1.500	.14	16CG61		3.812	1.5	16CG98		6.125	4.2
16CG25		1.562	.16	16CG62		3.875	1.5	16CG99		6.187	4.2
16CG26		1.625	.19	16CG63		3.937	1.6	16CG100		6.250	4.3
16CG27		1.687	.20	16CG64		4.000	1.6	16CG101		6.312	4.4
16CG28		1.750	.23	16CG65		4.062	1.7	16CG102		6.375	4.5
16CG29		1.812	.25	16CG66		4.125	1.7	16CG103		6.437	4.6
16CG30		1.875	.29	16CG67		4.187	1.8	16CG104		6.500	4.7
16CG31		1.937	.32	16CG68		4.250	1.9	16CG105		6.562	4.7
16CG32		2.000	.32	16CG69		4.312	1.9	16CG106		6.625	4.8
16CG33		2.062	.35	16CG70		4.375	2.0	16CG107		6.687	4.9
16CG34		2.125	.38	16CG71		4.437	2.1	16CG108		6.750	5.0
16CG35		2.187	.41	16CG72		4.500	2.1	16CG109		6.812	5.1
16CG36		2.250	.46	16CG73		4.562	2.2	16CG110		6.875	5.2
16CG37		2.312	.48	16CG74		4.625	2.2	16CG111		6.937	5.3
16CG38		2.375	.51	16CG75		4.687	2.3	16CG112		7.000	5.4
16CG39		2.437	.55	16CG76		4.750	2.4	16CG113		7.062	5.5
16CG40		2.500	.58	16CG77		4.812	2.5	16CG114		7.125	5.6
16CG41		2.562	.61	16CG78		4.875	2.5	16CG115		7.187	5.7
16CG42		2.625	.64	16CG79		4.937	2.6	16CG116		7.250	5.8
16CG43		2.687	.69	16CG80		5.000	2.7	16CG117		7.312	5.9
16CG44		2.750	.74	16CG81		5.062	2.7	16CG118		7.375	6.0
16CG45		2.812	.76	16CG82		5.125	2.8	16CG119		7.437	6.1
16CG46		2.875	.80	16CG83		5.187	2.9	16CG120		7.500	6.2
16CG47		2.937	.84	16CG84		5.250	2.9	16CG121		7.562	6.3
16CG48		3.000	.88	16CG85		5.312	3.0	16CG122		7.625	6.4
16CG49		3.062	.92	16CG86		5.375	3.1	16CG123		7.687	6.5
16CG50		3.125	.97	16CG87		5.437	3.2	16CG124		7.750	6.6
16CG51		3.187	1.0	16CG88		5.500	3.2	16CG125		7.812	6.7
16CG52		3.250	1.1	16CG89		5.562	3.3	16CG126		7.875	6.8
16CG53		3.312	1.1	16CG90		5.625	3.4	16CG127		7.937	6.9
16CG54		3.375	1.1	16CG91		5.687	3.5	16CG128		8.000	7.0
16CG55		3.437	1.2	16CG92		5.750	3.5	16CG129		8.062	7.1
16CG56		3.500	1.2	16CG93		5.812	3.7				



12 D. P.  
Change Gears



**CHANGE GEAR BUSHING**

1" O. D. 3/4" Bore 1 1/2" Long

Part No. 12CGB - \$58.00 List

**12 D. P. STEEL CHANGE GEARS**

1" Bore With 2 - 1/4" x 1/8" Keyways 180° Apart  
12 Diametral Pitch 3/4" Face 14 1/2° Pressure Angle

Catalog No.	List Price	Pitch Diam.	Apprx. Wt.	Catalog No.	List Price	Pitch Diam.	Apprx. Wt.	Catalog No.	List Price	Pitch Diam.	Apprx. Wt.
12CG20		1.666	.26	12CG54		4.500	3.2	12CG88		7.333	8.8
12CG21		1.750	.32	12CG55		4.583	3.3	12CG89		7.416	9.0
12CG22		1.833	.37	12CG56		4.666	3.4	12CG90		7.500	9.2
12CG23		1.916	.42	12CG57		4.750	3.5	12CG91		7.583	9.4
12CG24		2.000	.49	12CG58		4.833	3.7	12CG92		7.666	9.6
12CG25		2.083	.53	12CG59		4.916	3.8	12CG93		7.750	9.8
12CG26		2.166	.60	12CG60		5.000	4.0	12CG94		7.833	10.0
12CG27		2.250	.66	12CG61		5.083	4.1	12CG95		7.916	10.2
12CG28		2.333	.73	12CG62		5.166	4.2	12CG96		8.000	10.5
12CG29		2.416	.80	12CG63		5.250	4.4	12CG97		8.083	10.6
12CG30		2.500	.87	12CG64		5.333	4.5	12CG98		8.166	11.0
12CG31		2.583	.95	12CG65		5.416	4.6	12CG99		8.250	11.1
12CG32		2.666	1.0	12CG66		5.500	4.8	12CG100		8.333	11.4
12CG33		2.750	1.1	12CG67		5.583	4.9	12CG101		8.416	11.6
12CG34		2.833	1.2	12CG68		5.666	5.2	12CG102		8.500	11.9
12CG35		2.916	1.2	12CG69		5.750	5.4	12CG103		8.583	12.2
12CG36		3.000	1.3	12CG70		5.833	5.5	12CG104		8.666	12.4
12CG37		3.083	1.4	12CG71		5.916	5.7	12CG105		8.750	12.6
12CG38		3.166	1.5	12CG72		6.000	5.8	12CG106		8.833	12.9
12CG39		3.250	1.6	12CG73		6.083	6.0	12CG107		8.916	13.1
12CG40		3.333	1.7	12CG74		6.166	6.2	12CG108		9.000	13.3
12CG41		3.416	1.8	12CG75		6.250	6.4	12CG109		9.083	13.5
12CG42		3.500	1.9	12CG76		6.333	6.6	12CG110		9.166	13.9
12CG43		3.583	2.0	12CG77		6.416	6.8	12CG111		9.250	14.1
12CG44		3.666	2.1	12CG78		6.500	6.9	12CG112		9.333	14.3
12CG45		3.750	2.2	12CG79		6.583	7.1	12CG113		9.416	14.6
12CG46		3.833	2.3	12CG80		6.666	7.2	12CG114		9.500	14.9
12CG47		3.916	2.4	12CG81		6.750	7.4	12CG115		9.583	15.1
12CG48		4.000	2.5	12CG82		6.833	7.6	12CG116		9.666	15.3
12CG49		4.083	2.6	12CG83		6.916	7.8	12CG117		9.750	15.6
12CG50		4.166	2.7	12CG84		7.000	8.0	12CG118		9.833	15.9
12CG51		4.250	2.8	12CG85		7.083	8.2	12CG119		9.916	16.2
12CG52		4.333	2.9	12CG86		7.166	8.4	12CG120		10.000	16.5
12CG53		4.416	3.0	12CG87		7.250	8.6				

10 D. P.  
Change Gears



**CHANGE GEAR BUSHING**  
1 1/4" O.D. 1" Bore 2" Long  
Part No. 10CGB - \$77.40 List



**10 D. P. STEEL CHANGE GEARS**

1 1/4" Bore With 2 - 5/16" x 5/32" Keyways 180° Apart  
10 Diametral Pitch 1" Face 14 1/2° Pressure Angle

Catalog No.	List Price	Pitch Diam.	Apprx. Wt.	Catalog No.	List Price	Pitch Diam.	Apprx. Wt.	Catalog No.	List Price	Pitch Diam.	Apprx. Wt.
10CG20		2.000	.53	10CG47		4.700	4.5	10CG74		7.400	11.8
10CG21		2.100	.69	10CG48		4.800	4.7	10CG75		7.500	12.1
10CG22		2.200	.85	10CG49		4.900	4.9	10CG76		7.600	12.5
10CG23		2.300	.96	10CG50		5.000	5.2	10CG77		7.700	12.8
10CG24		2.400	1.0	10CG51		5.100	5.4	10CG78		7.800	13.1
10CG25		2.500	1.1	10CG52		5.200	5.6	10CG79		7.900	13.5
10CG26		2.600	1.2	10CG53		5.300	5.9	10CG80		8.000	13.9
10CG27		2.700	1.3	10CG54		5.400	6.1	10CG81		8.100	14.4
10CG28		2.800	1.4	10CG55		5.500	6.4	10CG82		8.200	14.8
10CG29		2.900	1.5	10CG56		5.600	6.6	10CG83		8.300	15.1
10CG30		3.000	1.6	10CG57		5.700	6.8	10CG84		8.400	15.4
10CG31		3.100	1.7	10CG58		5.800	7.0	10CG85		8.500	15.7
10CG32		3.200	1.9	10CG59		5.900	7.3	10CG86		8.600	16.1
10CG33		3.300	2.0	10CG60		6.000	7.6	10CG87		8.700	16.5
10CG34		3.400	2.2	10CG61		6.100	7.9	10CG88		8.800	16.8
10CG35		3.500	2.4	10CG62		6.200	8.2	10CG89		8.900	17.2
10CG36		3.600	2.5	10CG63		6.300	8.4	10CG90		9.000	17.6
10CG37		3.700	2.6	10CG64		6.400	8.7	10CG91		9.100	18.0
10CG38		3.800	2.8	10CG65		6.500	9.0	10CG92		9.200	18.4
10CG39		3.900	3.0	10CG66		6.600	9.3	10CG93		9.300	18.9
10CG40		4.000	3.2	10CG67		6.700	9.6	10CG94		9.400	19.3
10CG41		4.100	3.4	10CG68		6.800	9.9	10CG95		9.500	19.7
10CG42		4.200	3.6	10CG69		6.900	10.2	10CG96		9.600	20.0
10CG43		4.300	3.7	10CG70		7.000	10.5	10CG97		9.700	20.0
10CG44		4.400	3.9	10CG71		7.100	10.8	10CG98		9.800	21.0
10CG45		4.500	4.1	10CG72		7.200	11.2	10CG99		9.900	21.0
10CG46		4.600	4.3	10CG73		7.300	11.5	10CG100		10.000	22.0



8 D. P.  
Change Gears



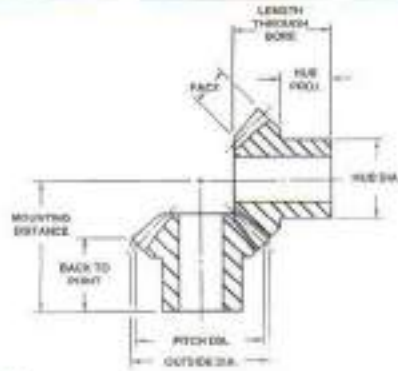
**CHANGE GEAR BUSHING**  
1 3/8" O. D. 1 1/8" Bore 2 1/2" Long  
Part No. 8CGB - \$106.00 List

**8 D. P. STEEL CHANGE GEARS**

1 3/8" Bore With 2 - 3/8" x 3/16" Keyways 180° Apart  
8 Diametral Pitch 1 1/4" Face 14 1/2° Pressure Angle

Catalog No.	List Price	Pitch Diam.	Apprx. Wt.	Catalog No.	List Price	Pitch Diam.	Apprx. Wt.	Catalog No.	List Price	Pitch Diam.	Apprx. Wt.
8CG20		2.500	1.2	8CG47		5.875	9.0	8CG74		9.250	23.0
8CG21		2.625	1.3	8CG48		6.000	9.4	8CG75		9.375	24.0
8CG22		2.750	1.5	8CG49		6.125	9.8	8CG76		9.500	24.0
8CG23		2.875	1.7	8CG50		6.250	10.3	8CG77		9.625	25.0
8CG24		3.000	1.9	8CG51		6.375	10.7	8CG78		9.750	25.0
8CG25		3.125	2.1	8CG52		6.500	11.1	8CG79		9.875	27.0
8CG26		3.250	2.3	8CG53		6.625	11.5	8CG80		10.000	27.0
8CG27		3.375	2.5	8CG54		6.750	12.0	8CG81		10.125	28.0
8CG28		3.500	2.8	8CG55		6.875	12.5	8CG82		10.250	28.0
8CG29		3.625	3.0	8CG56		7.000	13.0	8CG83		10.375	29.0
8CG30		3.750	3.3	8CG57		7.125	13.5	8CG84		10.500	30.0
8CG31		3.875	3.5	8CG58		7.250	14.0	8CG85		10.625	31.0
8CG32		4.000	3.8	8CG59		7.375	14.5	8CG86		10.750	32.0
8CG33		4.125	4.1	8CG60		7.500	15.0	8CG87		10.875	32.0
8CG34		4.250	4.4	8CG61		7.625	15.5	8CG88		11.000	33.0
8CG35		4.375	4.7	8CG62		7.750	16.0	8CG89		11.125	33.0
8CG36		4.500	5.0	8CG63		7.875	16.6	8CG90		11.250	34.0
8CG37		4.625	5.3	8CG64		8.000	17.3	8CG91		11.375	35.0
8CG38		4.750	5.7	8CG65		8.125	17.8	8CG92		11.500	36.0
8CG39		4.875	6.0	8CG66		8.250	18.3	8CG93		11.625	37.0
8CG40		5.000	6.3	8CG67		8.375	18.9	8CG94		11.750	38.0
8CG41		5.125	6.7	8CG68		8.500	19.5	8CG95		11.875	39.0
8CG42		5.250	7.0	8CG69		8.625	20.0	8CG96		12.000	40.0
8CG43		5.375	7.4	8CG70		8.750	21.0	8CG97		12.125	40.0
8CG44		5.500	7.8	8CG71		8.875	21.0	8CG98		12.250	41.0
8CG45		5.625	8.2	8CG72		9.000	22.0	8CG99		12.375	42.0
8CG46		5.750	8.6	8CG73		9.125	22.0	8CG100		12.500	43.0

Miter



**STEEL MITER GEARS**

20° Pressure Angle

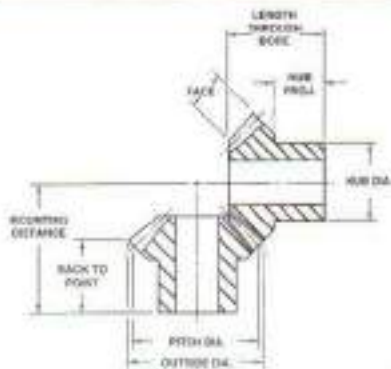
Size and List Price				Alteration Charges List Price Each				Dimensions - Weights								
Pitch	No. Teeth	Catalog No.	List Price	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Face	Pitch Diam.	Mount. Dist.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Appx. Wt.	
16	16	16M16						.22	1.000	1.062	.75	.75	.375	.375	.06	
	20	16M20						.27	1.250	1.250	1.00	.84	.437	.500	.15	
	24	16M24						.31	1.500	1.375	1.25	.87	.500	.687	.25	
12	15	12M15-1/2						.27	1.250	1.250	1.00	.85	.500	.500	.15	
	18	12M18-1/2						.32	1.500	1.500	1.25	1.01	.500	.687	.25	
		12M18-5/8						.32	1.500	1.500	1.25	1.01	.625	.687	.23	
	21	12M21-1/2			1	66.00	26.00	26.00	.39	1.750	1.750	1.37	1.18	.500	.812	.40
		12M21-5/8			2 - 4	46.00	18.50	18.50	.39	1.750	1.750	1.37	1.18	.625	.812	.35
		12M21-3/4			5 - 9	40.00	15.80	15.80	.39	1.750	1.750	1.37	1.18	.750	.812	.30
24	12M24			10 - 24	36.30	14.50	14.50	.43	2.000	1.875	1.50	1.21	.500	.875	.60	
30	12M30							.54	2.500	2.312	1.75	1.48	.625	1.000	1.20	
10	20	10M20-1/2						.44	2.000	2.000	1.62	1.35	.500	.875	.60	
		10M20-5/8						.44	2.000	2.000	1.62	1.35	.625	.875	.60	
		10M20-3/4						.44	2.000	2.000	1.62	1.35	.750	.875	.60	
	25	10M25-3/4							.55	2.500	2.437	2.00	1.62	.750	1.250	1.20
		10M25-7/8							.55	2.500	2.437	2.00	1.62	.875	1.250	1.10
		10M25-1							.55	2.500	2.437	2.00	1.62	1.000	1.250	1.00

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

**HARDENING** - Add preparation charge of \$44.00 divided by the number of identical items plus \$.88 per tooth to the list price.



**SPIRAL MITER AND BEVEL GEAR SETS ARE  
AVAILABLE MADE-TO-ORDER**



STEEL MITER GEARS

20° Pressure Angle

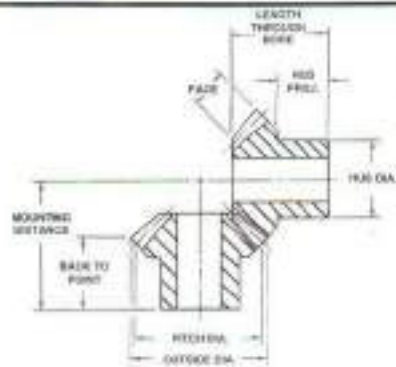
Size and List Price				Alteration Charges List Price Each				Dimensions - Weights								
Pitch	No. Teeth	Catalog No.	List Price	Qty. Ident. Items	Re-Bore Each	Each K.W.	Each S.S.	Face	Pitch Dia.	Mount. Dist.	Hub Diam.	Length Thru Bore	Stock Bore	Max. Bore	Appx. Wt.	
8	24	8M24- 3/4						.64	3.00	2.562	2.50	1.57	.750	1.375	2.1	
		8M24-1						.64	3.00	2.750	2.50	1.76	1.000	1.375	2.0	
		8M24-1 1/4						.64	3.00	2.750	2.50	1.76	1.250	1.375	1.9	
	28	8M28-1							.75	3.50	3.250	2.50	2.09	1.000	1.375	2.5
		8M28-1 3/16							.75	3.50	3.250	2.50	2.09	1.187	1.375	2.7
		8M28-1 1/4							.75	3.50	3.250	2.50	2.09	1.250	1.375	2.6
	32	8M32		1	66.00	26.00	26.00	.84	4.00	3.625	3.00	2.28	1.000	1.750	4.8	
	6	24	6M24-1 1/4		2 - 4	46.00	16.50	18.50	.86	4.00	3.625	3.00	2.31	1.250	1.750	4.4
			6M24-1 1/2		5 - 9	40.00	15.80	15.80	.86	4.00	3.625	3.00	2.31	1.500	1.750	4.1
				10 - 24	36.30	14.50	14.50									
27		6M27-1 1/4						.96	4.50	4.125	3.25	2.62	1.250	1.812	6.2	
		6M27-1 1/2						.96	4.50	4.125	3.25	2.62	1.500	1.812	6.0	
30		6M30						1.15	5.00	4.250	3.50	2.62	1.000	2.000	7.8	
36		6M36						1.27	6.00	4.625	4.75	2.59	1.250	2.750	11	
5		25	5M25-1 3/8						1.10	5.00	4.625	3.50	3.00	1.375	2.000	8.6
	5M25-1 1/2							1.10	5.00	4.625	3.50	3.00	1.500	2.000	8.3	
	5M25-1 3/4							1.10	5.00	4.625	3.50	3.00	1.750	2.000	7.7	
40	5M40		1	88.00	36.00	36.00	1.50	8.00	5.500	4.50	2.65	1.250	2.625	18		
4	24	4M24-1 1/2		2 - 4	62.00	24.60	24.60	1.33	6.00	5.500	4.50	3.56	1.500	2.625	16	
		4M24-1 3/4		5 - 9	52.00	21.10	21.10	1.33	6.00	5.500	4.50	3.56	1.750	2.625	15	
				10 - 24	48.00	19.30	19.30									
28	4M28						1.43	7.00	6.000	5.00	3.62	2.000	2.875	21		
3	21	3M21						1.48	7.00	6.000	5.00	3.69	1.437	2.875	28	
	24	3M24		1	132.00	52.00	52.00	1.62	8.00	7.250	5.62	4.54	1.437	3.312	43	
	27	3M27		2 - 4	92.00	37.00	37.00	1.90	9.00	8.000	6.25	5.00	1.437	3.812	59	
					5 - 9	80.00	32.00	32.00								
				10 - 24	72.00	29.00	29.00									

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

**HARDENING - 6 and 8 D.P. :** Add preparation charge of \$44.00 divided by the number of identical items plus \$3.30 per tooth to the list price.

**HARDENING - 3, 4 and 5 D.P. :** Add preparation charge of \$44.00 divided by the number of identical items plus \$8.80 per tooth to the list price.

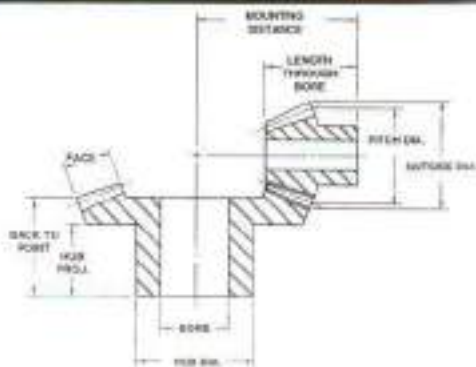
Hard  
Miter



**STEEL MITER GEARS - HARDENED TEETH**

With Plain Bore and With Keyway and Setscrew - 20° Pressure Angle

Size		Plain Bore		With K.W. and S.S.		Dimensions - Weights							
Pitch	No. Teeth	Catalog No.	List Price	Catalog No.	List Price	Bore Size	K.W. Size	Face	Pitch Diam.	Mount. Dist.	Hub Diam.	Length Thru Bore	
16	16	16M16-H		16M16-HK		.375	.093	.22	1.000	1.062	.75	.75	
12	15	12M15-H		12M15-HK		.500	.125	.27	1.250	1.250	1.00	.85	
	18	12M18-H		12M18-HK		.625	.187	.32	1.500	1.500	1.25	1.01	
	21	12M21-H		12M21-HK		.625	.187	.39	1.750	1.750	1.37	1.18	
	30	12M30-H		12M30-HK		.625	.187	.54	2.500	2.312	1.75	1.48	
10	20	10M20-5/8-H		10M20-5/8-HK		.625	.187	.44	2.000	2.000	1.62	1.35	
		10M20-3/4-H		10M20-3/4-HK		.750	.187	.44	2.000	2.000	1.62	1.35	
	25	10M25-3/4-H		10M25-3/4-HK		.750	.187	.55	2.500	2.437	2.00	1.62	
		10M25-7/8-H		10M25-7/8-HK		.875	.187	.55	2.500	2.437	2.00	1.62	
		10M25-1-H		10M25-1-HK		1.000	.250	.55	2.500	2.437	2.00	1.62	
8	24	8M24-3/4-H		8M24-3/4-HK		.750	.187	.64	3.000	2.562	2.50	1.57	
		8M24-1-H		8M24-1-HK		1.000	.250	.64	3.000	2.750	2.50	1.76	
		8M24-1 1/4-H		8M24-1 1/4-HK		1.250	.250	.64	3.000	2.750	2.50	1.76	
	28	8M28-1-H		8M28-1-HK		1.000	.250	.75	3.500	3.250	2.50	2.09	
		8M28-1 3/16-H		8M28-1 3/16-HK		1.187	.250	.75	3.500	3.250	2.50	2.09	
		8M28-1 1/4-H		8M28-1 1/4-HK		1.250	.250	.75	3.500	3.250	2.50	2.09	
	32	8M32-H		8M32-HK		1.000	.250	.84	4.000	3.625	3.00	2.28	
	6	24	6M24-1 1/4-H		6M24-1 1/4-HK		1.250	.250	.86	4.000	3.625	3.00	2.31
			6M24-1 1/2-H		6M24-1 1/2-HK		1.500	.375	.86	4.000	3.625	3.00	2.31
5	25	5M25-1 3/8-H		5M25-1 3/8-HK		1.375	.312	1.10	5.000	4.625	3.50	3.00	
		5M25-1 3/4-H		5M25-1 3/4-HK		1.750	.375	1.10	5.000	4.625	3.50	3.00	
4	24	4M24-H		4M24-HK		1.750	.375	1.33	6.000	5.500	4.50	3.56	



Bevel

STEEL BEVEL GEARS

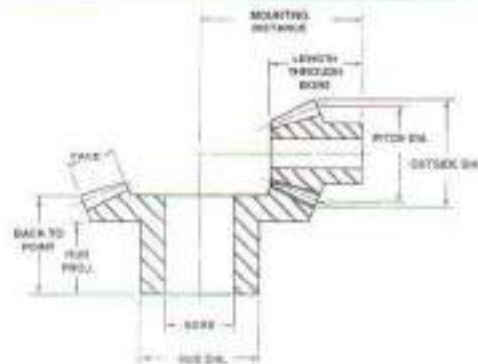
20° Pressure Angle

Size and List Price				Alteration Charges				Dimensions - Weights						
No. Teeth	Mate Gear	Catalog No.	List Price	Qty. Same Item	Re-Bore Each	Each K.W.	Each S.S.	Face	Pitch Diam.	Mtng. Dist.	Hub Dia.	Lgth Thru Bore	Stock Bore	Max. Bore
<b>16 DIAMETRAL PITCH 1 1/2, 2, 3, 4 AND 6 TO 1 RATIO</b>														
24	16	16B24-16						.25	1.50	1.187	1.12	.75	.500	.562
16	24	16B16-24						.25	1.00	1.250	.81	.73	.375	.437
32	16	16B32-16						.35	2.00	1.187	1.12	.76	.500	.562
16	32	16B16-32						.35	1.00	1.500	.81	.84	.375	.437
				1	66.00	26.00	26.00							
48	16	16B48-16		2 - 4	46.00	16.50	16.50	.42	3.00	1.312	1.50	.87	.625	.875
16	48	16B16-48		5 - 9	40.00	15.80	15.80	.42	1.00	2.000	.87	.92	.437	.500
				10 - 24	36.30	14.50	14.50							
64	16	16B64-16						.48	4.00	1.375	2.25	.89	.625	1.312
16	64	16B16-64						.48	1.00	2.500	.87	.98	.500	.500
96	16	16B96-16						.62	6.00	1.687	2.75	1.25	.625	1.625
16	96	16B16-96						.62	1.00	3.750	.93	1.37	.500	.500
<b>14 DIAMETRAL PITCH 2 TO 1 RATIO</b>														
28	14	14B28-14		1	66.00	26.00	26.00	.35	2.00	1.375	1.62	.93	.500	.937
14	28	14B14-28		2 - 4	46.00	16.50	16.50	.35	1.00	1.625	.81	.96	.500	.500
				5 - 9	40.00	15.80	15.80							
				10 - 24	36.30	14.50	14.50							
<b>12 DIAMETRAL PITCH 1 1/2, 2, 3, 4, AND 6 TO 1 RATIO</b>														
27	18	12B27-18						.41	2.25	1.750	1.50	1.12	.500	.875
18	27	12B18-27						.41	1.50	1.875	1.25	1.12	.500	.687
36	18	12B36-18-5/						.53	3.00	1.875	2.12	1.26	.625	1.250
36	18	12B36-18-1						.53	3.00	1.875	2.12	1.26	1.000	1.250
18	36	12B18-36-1/						.53	1.50	2.375	1.31	1.37	.500	.750
18	36	12B18-36-3/						.53	1.50	2.375	1.31	1.37	.750	.750
48	24	12B48-24		1	66.00	26.00	26.00	.59	4.00	2.000	2.75	1.17	.625	1.625
24	48	12B24-48		2 - 4	46.00	16.50	16.50	.59	2.00	2.875	1.50	1.43	.500	.687
				5 - 9	40.00	15.80	15.80							
54	18	12B54-18		10 - 24	36.30	14.50	14.50	.60	4.50	1.750	2.75	1.06	.625	1.625
18	54	12B18-54						.60	1.50	3.000	1.25	1.34	.500	.687
72	18	12B72-18						.60	6.00	2.000	3.00	1.31	.750	1.750
18	72	12B18-72						.60	1.50	3.750	1.25	1.35	.500	.687
72	12	12B72-12						.73	6.00	1.750	3.00	1.31	.750	1.750
12	72	12B12-72						.73	1.00	3.750	.90	1.48	.500	.500

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

**HARDENING** - Add preparation charge of \$44.00 divided by the number of identical items plus \$.10 per tooth to the list price.

Bevel



STEEL BEVEL GEARS

20° Pressure Angle

Size and List Price				Alteration Charges				Dimensions - Weights						
No. Teeth	Mate Gear	Catalog No.	List Price	Qty. Same Item	Re-Bore Each	Each K.W.	Each S.S.	Face	Pitch Diam.	Mtng. Dist.	Hub Dia.	Lgth Thru Bore	Stock Bore	Max. Bore

10 DIAMETRAL PITCH 1 1/2, 2, 3, 4 AND 6 TO 1 RATIO

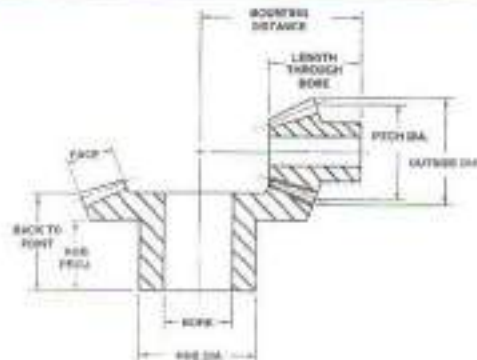
30	20	10B30-20						.57	3.00	2.250	2.50	1.43	.750	1.437
20	30	10B20-30						.57	2.00	2.500	1.75	1.51	.750	1.000
40	20	10B40-20						.71	4.00	2.500	3.00	1.68	.875	1.750
20	40	10B20-40						.71	2.00	3.125	1.75	1.79	.750	1.000
50	25	10B50-25						.70	5.00	2.625	3.00	1.59	.750	1.750
25	50	10B25-50						.70	2.50	3.375	2.00	1.54	.750	1.250
60	20	10B60-20-7/8		1	66.00	26.00	26.00	.79	6.00	2.750	3.50	1.85	.875	2.000
60	20	10B60-20-1		2 - 4	46.00	18.50	18.50	.79	6.00	2.750	3.50	1.85	1.000	2.000
20	60	10B20-60-3/4		5 - 9	40.00	15.80	15.80	.79	2.00	4.375	1.75	2.15	.750	1.000
20	60	10B20-60-7/8		10 - 24	36.30	14.50	14.50	.79	2.00	4.375	1.75	2.15	.875	1.000
60	15	10B60-15						.73	6.00	2.250	3.50	1.62	.875	2.000
15	60	10B15-60						.73	1.50	3.875	1.37	1.60	.625	.812
90	15	10B90-15						.85	9.00	2.500	2.75	1.81	1.000	1.625
15	90	10B15-90						.85	1.50	5.500	1.37	1.85	.625	.812

8 DIAMETRAL PITCH - 2, 3 AND 4 TO 1 RATIO

40	20	8B40-20						.82	5.00	2.875	3.00	1.84	1.000	1.750
20	40	8B20-40-7/8						.82	2.50	4.000	2.12	2.28	.875	1.250
20	40	8B20-40-1						.82	2.50	4.000	2.12	2.28	1.000	1.250
48	16	8B48-16		1	66.00	26.00	26.00	.83	6.00	2.375	3.50	1.62	.875	2.000
16	48	8B16-48		2 - 4	46.00	18.50	18.50	.83	2.00	4.250	1.75	2.07	.750	1.000
				5 - 9	40.00	15.80	15.80							
				10 - 24	36.30	14.50	14.50							
64	16	8B64-16						.84	8.00	2.750	2.75	1.87	1.000	1.625
16	64	8B16-64						.84	2.00	5.250	1.81	2.09	.875	1.062
72	18	8B72-18						1.22	9.00	3.250	3.00	2.31	1.125	1.750
18	72	8B18-72						1.22	2.25	5.750	2.12	2.46	.875	1.250

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

**HARDENING** - Add preparation charge of \$44.00 divided by the number of identical items plus \$2.00 per tooth to the list price.



Bevel

**STEEL BEVEL GEARS**

20° Pressure Angle

Size and List Price				Alteration Charges				Dimensions - Weights						
No. Teeth	Mate Gear	Catalog No.	List Price	Qty. Same Item	Re-Bore Each	Each K.W.	Each S.S.	Face	Pitch Dia.	Mtng. Dist.	Hub Dia.	Lgth Thru Bore	Stock Bore	Max. Bore
<b>6 DIAMETRAL PITCH 2, 3 AND 4 TO 1 RATIO</b>														
36	18	6B36-18						1.06	6.00	3.500	3.50	2.25	1.125	2.000
18	36	6B18-36-1						1.06	3.00	4.750	2.50	2.76	1.000	1.437
18	36	6B18-36-1 1/2						1.06	3.00	4.750	2.50	2.76	1.125	1.437
42	21	6B42-21						1.06	7.00	3.750	3.50	2.29	1.125	2.000
21	42	6B21-42						1.06	3.50	5.000	2.50	2.51	1.000	1.437
				1	88.00	36.00	36.00							
48	24	6B48-24		2 - 4	62.00	24.60	24.60	1.16	8.00	3.438	3.50	1.89	1.125	2.000
24	48	6B24-48		5 - 9	52.00	21.10	21.10	1.16	4.00	5.438	2.62	2.54	1.000	1.500
				10 - 24	48.00	19.30	19.30							
45	15	6B45-15						1.07	7.50	3.000	3.50	2.12	1.125	2.000
15	45	6B15-45						1.07	2.50	5.250	2.12	2.56	.875	1.250
60	15	6B60-15						1.21	10.00	3.250	3.50	2.25	1.125	2.000
15	60	6B15-60						1.21	2.50	6.750	2.25	2.96	1.000	1.312
<b>5 DIAMETRAL PITCH 2, 3 AND 4 TO 1 RATIO</b>														
30	15	5B30-15						1.05	6.00	3.500	3.50	2.25	1.125	2.000
15	30	5B15-30						1.05	3.00	4.375	2.62	2.39	1.000	1.500
				1	88.00	36.00	36.00							
45	15	5B45-15		2 - 4	62.00	24.60	24.60	1.32	9.00	3.750	4.00	2.50	1.250	2.250
15	45	5B15-45		5 - 9	52.00	21.10	21.10	1.32	3.00	5.875	2.62	2.68	1.000	1.500
				10 - 24	48.00	19.30	19.30							
60	15	5B60-15						1.71	12.00	3.750	4.00	2.62	1.250	2.250
15	60	5B15-60						1.71	3.00	7.500	2.62	3.20	1.000	1.500
<b>4 DIAMETRAL PITCH 2, 3 AND 4 TO 1 RATIO</b>														
32	16	4B32-16						1.40	8.00	4.250	4.25	2.68	1.125	2.375
16	32	4B16-32						1.40	4.00	6.000	3.25	3.34	1.125	1.812
				1	110.00	44.00	44.00							
42	14	4B42-14		2 - 4	77.00	31.00	31.00	1.42	10.50	4.000	4.25	2.68	1.125	2.375
14	42	4B14-42		5 - 9	66.00	26.40	26.40	1.42	3.50	7.250	3.06	3.42	1.125	1.750
				10 - 24	62.00	24.20	24.00							
56	14	4B56-14						1.69	14.00	4.250	4.25	2.87	1.250	2.375
14	56	4B14-56						1.69	3.50	9.000	3.06	3.70	1.125	1.750
<b>3 DIAMETRAL PITCH 2 TO 1 RATIO</b>														
30	15	3B30-15		1	132.00	52.00	52.00	1.86	10.00	5.500	5.00	3.59	1.250	2.875
15	30	3B15-30		2 - 4	92.00	37.00	37.00	1.86	5.00	7.250	3.75	4.03	1.125	2.250
				5 - 9	80.00	32.00	32.00							
				10 - 24	72.00	29.00	29.00							

Listed maximum bore allows for standard keyway and setscrew. Larger bores are possible but may entail additional cost and the application should be carefully reviewed.

**HARDENING - 6 D.P. :** Add preparation charge of \$66.00 divided by the number of identical items plus \$3.30 per tooth to the list price.

**HARDENING - 3, 4 and 5 D.P. :** Add preparation charge of \$66.00 divided by the number of identical items plus \$6.60 per tooth to the list price

16 & 12 T. D. P.  
Type A Helical



GEARS OF OPPOSITE  
HAND OPERATE ON  
PARALLEL SHAFTS



GEARS OF SAME HAND  
OPERATE ON SHAFTS  
AT RIGHT ANGLES

**STEEL HELICAL GEARS - 45° HELIX ANGLE - HARDENED TEETH**

Right and Left Hand - No Hub - With Keyway

**16 T. D. P.                      1/2" FACE**  
**22.63 Normal Pitch - 14 1/2° Normal Pressure Angle**

Catalog No.		List Price Each	No. Teeth	Pitch Dia.	Bore	Keyway	Approx. Weight
Left Hand	Right Hand						
16H16L	16H16R		16	1.000	.500	.125	.10
16H20L	16H20R		20	1.250	.500	.125	.15
16H24L	16H24R		24	1.500	.500	.125	.20
16H32L	16H32R		32	2.000	.500	.125	.30
16H40L	16H40R		40	2.500	.500	.125	.60
16H48L	16H48R		48	3.000	.500	.125	1.00

**12 T. D. P.                      3/4" FACE**  
**16.97 Normal Pitch - 14 1/2° Normal Pressure Angle**

Catalog No.		List Price Each	No. Teeth	Pitch Dia.	Bore	Keyway	Approx. Weight
Left Hand	Right Hand						
12H12L	12H12R		12	1.000	.625	.125	.13
12H15L	12H15R		15	1.250	.625	.125	.18
12H18L	12H18R		18	1.500	.625	.125	.30
12H24L	12H24R		24	2.000	.625	.125	.60
12H30L	12H30R		30	2.500	.625	.125	1.00
12H36L	12H36R		36	3.000	.625	.125	1.40



10 & 8 T. D. P.  
Type A Helical

GEARS OF OPPOSITE  
HAND OPERATE ON  
PARALLEL SHAFTS



GEARS OF SAME HAND  
OPERATE ON SHAFTS  
AT RIGHT ANGLES

**STEEL HELICAL GEARS - 45° HELIX ANGLE - HARDENED TEETH**

Right and Left Hand - No Hub - With Keyway

10 T. D. P.                      7/8" FACE

14.14 Normal Pitch - 14 1/2° Normal Pressure Angle

Catalog No.		List Price Each	No. Teeth	Pitch Dia.	Bore	Keyway	Approx. Weight
Left Hand	Right Hand						
10H 8L	10H 8R		8	.800	.375	.062	.10
10H10L	10H10R		10	1.000	.500	.125	.13
10H12L	10H12R		12	1.200	.625	.125	.20
10H15L	10H15R		15	1.500	.750	.187	.30
10H20L	10H20R		20	2.000	.750	.187	.60
10H25L	10H25R		25	2.500	.750	.187	1.00
10H30L	10H30R		30	3.000	.750	.187	1.50
10H40L	10H40R		40	4.000	.750	.187	2.90

8 T. D. P.                      1" FACE

11.31 Normal Pitch - 14 1/2° Normal Pressure Angle

Catalog No.		List Price Each	No. Teeth	Pitch Dia.	Bore	Keyway	Approx. Weight
Left Hand	Right Hand						
8H 8L	8H 8R		8	1.000	.500	.125	.2
8H10L	8H10R		10	1.250	.625	.125	.3
8H12L	8H12R		12	1.500	.750	.187	.4
8H16L	8H16R		16	2.000	.875	.187	.7
8H20L	8H20R		20	2.500	.875	.187	1.1
8H24L	8H24R		24	3.000	.875	.187	1.8
8H32L	8H32R		32	4.000	.875	.187	3.3

6 T. D. P.  
Type A Helical



GEARS OF OPPOSITE  
HAND OPERATE ON  
PARALLEL SHAFTS



GEARS OF SAME HAND  
OPERATE ON SHAFTS  
AT RIGHT ANGLES

**STEEL HELICAL GEARS - 45° HELIX ANGLE - HARDENED TEETH**

Right and Left Hand - No Hub - With Keyway

6 T. D. P.                      1 1/4" FACE  
8.48 Normal Pitch - 14 1/2° Normal Pressure Angle

Catalog No.		List Price Each	No. Teeth	Pitch Dia.	Bore	Keyway	Approx. Weight
Left Hand	Right Hand						
6H 8L	6H 8R		8	1.333	.625	.125	.3
6H10L	6H10R		10	1.666	.750	.187	.5
6H12L	6H12R		12	2.000	1.000	.250	.8
6H15L	6H15R		15	2.500	1.000	.250	1.4
6H18L	6H18R		18	3.000	1.000	.250	2.3
6H24L	6H24R		24	4.000	1.000	.250	4.1

With our **Studer CNC Cylindrical Grinder**  
we can provide the finest ground finishes and  
hold the tightest tolerances on the market.

**Precision Cylindrical Grinding Capabilities:**

Max. Center Distance ..... 40 inches  
 Max. Outside Diameter ..... 12.75 inches  
 Max. Weight Between Centers ..... 287 pounds  
 Max. Grinding Length ..... 20.5 inches\*  
 \*on each end of part

Any Surface Finish Desired  
 Tolerances to your Specifications  
 Concave and Convex Radius Grinding  
 Angle and Taper Grinding  
 Shoulder and Face Grinding  
 I.D. Grinding from .437 to 6 inches  
 Some Limitations Due to Part Geometry  
 Call or Fax for Details and Quote



16 & 12 T. D. P.  
Type B Helical

GEARS OF OPPOSITE  
HAND OPERATE ON  
PARALLEL SHAFTS



GEARS OF SAME HAND  
OPERATE ON SHAFTS  
AT RIGHT ANGLES

**STEEL HELICAL GEARS - 45° HELIX ANGLE - HARDENED TEETH**

Right and Left Hand - Hub One Side - With Plain Stock Bore  
and with Standard Keyway and Setscrew

16 T. D. P.                      1/2" FACE  
22.63 Normal Pitch - 14 1/2° Normal Pressure Angle

Catalog No.		List Price Each		No. Teeth	Pitch Dia.	Hub Dia.	L.T.B.	Plain Bore **	Fin. Bore	Kwy.	Apprx. Weight
Left Hand	Right Hand	Plain Bore*	Finished Bore								
16HS16L	16HS16R			16	1.000	.86	1.00	—	.500	.125	.2
16HS20L	16HS20R			20	1.250	1.12	1.00	—	.500	.125	.3
16HS24L	16HS24R			24	1.500	1.37	1.00	.500	.625	.187	.4
16HS32L	16HS32R			32	2.000	1.87	1.00	.500	.625	.187	.6
16HS40L	16HS40R			40	2.500	2.31	1.00	.500	.625	.187	1.2
16HS48L	16HS48R			48	3.000	2.50	1.00	.500	.625	.187	1.6

12 T. D. P.                      3/4" FACE  
16.97 Normal Pitch - 14 1/2° Normal Pressure Angle

Catalog No.		List Price Each		No. Teeth	Pitch Dia.	Hub Dia.	L.T.B.	Plain Bore **	Fin. Bore	Kwy.	Apprx. Weight
Left Hand	Right Hand	Plain Bore*	Finished Bore								
12HS12L	12HS12R			12	1.000	.84	1.25	—	.500	.125	.2
12HS15L	12HS15R			15	1.250	1.09	1.25	.500	.625	.187	.3
12HS18L	12HS18R			18	1.500	1.34	1.25	.500	.625	.187	.5
12HS24L	12HS24R			24	2.000	1.84	1.25	.500	.625	.187	.7
12HS30L	12HS30R			30	2.500	2.31	1.25	.500	.625	.187	1.4
12HS36L	12HS36R			36	3.000	2.50	1.25	.500	.625	.187	2.0

\*\* Add Suffix P To Catalog Number For Plain Bore.

**Alteration Charges For Plain Bore Gears**

Quantity Identical Items	Re - Bore Each	Each K.W.	Each S.S.
1			
2 - 4			
5 - 9			
10 - 24			

10 & 8 T. D. P.  
Type B Helical



GEARS OF OPPOSITE  
HAND OPERATE ON  
PARALLEL SHAFTS



GEARS OF SAME HAND  
OPERATE ON SHAFTS  
AT RIGHT ANGLES

STEEL HELICAL GEARS - 45° HELIX ANGLE - HARDENED TEETH

Right and Left Hand - Hub One Side - With Plain Stock Bore  
and with Standard Keyway and Setscrew

10 T. D. P.                      7/8" FACE

14.14 Normal Pitch - 14 1/2° Normal Pressure Angle

Catalog No.		List Price Each		No. Teeth	Pitch Dia.	Hub Dia.	L.T.B.	Plain Bore**	Fin. Bore	Kwy.	Apprx. Weight
Left Hand	Right Hand	Plain Bore*	Finished Bore								
10HS 8L	10HS 8R			8	.800	.62	1.25	—	.375	.093	.2
10HS10L	10HS10R			10	1.000	.81	1.25	—	.500	.125	.2
10HS12L	10HS12R			12	1.200	1.00	1.25	.500	.625	.187	.4
10HS15L	10HS15R			15	1.500	1.31	1.25	.625	.750	.187	.5
10HS20L	10HS20R			20	2.000	1.81	1.25	.625	.750	.187	.7
10HS25L	10HS25R			25	2.500	2.31	1.25	.625	.750	.187	1.4
10HS30L	10HS30R			30	3.000	2.50	1.25	.625	.750	.187	2.0
10HS40L	10HS40R			40	4.000	2.50	1.25	.625	.750	.187	3.1

8 T. D. P.                      3/4" FACE

11.31 Normal Pitch - 14 1/2° Normal Pressure Angle

Catalog No.		List Price Each		No. Teeth	Pitch Dia.	Hub Dia.	L.T.B.	Plain Bore**	Fin. Bore	Kwy.	Apprx. Weight
Left Hand	Right Hand	Plain Bore*	Finished Bore								
8HS 8L	8HS 8R			8	1.000	.75	1.25	.500	.500	.125	.2
8HS10L	8HS10R			10	1.250	1.00	1.25	.500	.625	.187	.3
8HS12L	8HS12R			12	1.500	1.25	1.25	.500	.750	.187	.4
8HS16L	8HS16R			16	2.000	1.62	1.25	.625	1.000	.250	.8
8HS20L	8HS20R			20	2.500	2.00	1.25	.625	1.000	.250	1.0
8HS24L	8HS24R			24	3.000	2.50	1.25	.625	1.000	.250	1.8
8HS32L	8HS32R			32	4.000	2.50	1.25	.750	1.000	.250	2.4
8HS40L	8HS40R			40	5.000	2.50	1.25	.750	1.000	.250	3.5
8HS48L	8HS48R			48	6.000	2.50	1.25	.750	1.000	.250	5.5

\*\* Add Suffix P To Catalog Number For Plain Bore.

Alteration Charges For Plain Bore Gears

Quantity Identical Items	Re - Bore Each	Each K.W.	Each S.S.
1	---		
2 - 4			
5 - 9			
10 - 24			



6 T. D. P.  
Type B Helical

GEARS OF OPPOSITE  
HAND OPERATE ON  
PARALLEL SHAFTS



GEARS OF SAME HAND  
OPERATE ON SHAFTS  
AT RIGHT ANGLES

**STEEL HELICAL GEARS - 45° HELIX ANGLE - HARDENED TEETH**

Right and Left Hand - Hub One Side - With Plain Stock Bore  
and with Standard Keyway and Setscrew

6 T. D. P.                      1" FACE  
8.48 Normal Pitch - 14 1/2° Normal Pressure Angle

Catalog No.		List Price Each		No. Teeth	Pitch Dia.	Hub Dia.	L.T.B.	Plain Bore **	Fin. Bore	Kwy.	Apprx. Weight
Left Hand	Right Hand	Plain Bore*	Finished Bore								
6HS 8L	6HS 8R			8	1.333	1.00	1.75	.625	.625	.187	.4
6HS 9L	6HS 9R			9	1.500	1.18	1.75	.625	.750	.187	.5
6HS10L	6HS10R			10	1.666	1.37	1.75	.625	.750	.187	.7
6HS12L	6HS12R			12	2.000	1.62	1.75	.750	1.000	.250	1.0
6HS15L	6HS15R			15	2.500	2.00	1.75	.750	1.250	.250	1.4
6HS18L	6HS18R			18	3.000	2.50	1.75	.750	1.250	.250	2.3
6HS20L	6HS20R			20	3.333	2.75	1.75	.750	1.250	.250	3.0
6HS24L	6HS24R			24	4.000	3.00	1.75	.750	1.250	.250	4.0
6HS30L	6HS30R			30	5.000	3.00	1.75	.750	1.250	.250	5.0
6HS36L	6HS36R			36	6.000	3.00	1.75	.750	1.250	.250	6.8

\*\* Add Suffix P To Catalog Number For Plain Bore.

**Alteration Charges For Plain Bore Gears**

Quantity Identical Items	Re - Bore Each	Each K.W.	Each S.S.
1			
2 - 4			
5 - 9			
10 - 24			

820 LSB



STOCK 8 MM PITCH LSB SPROCKETS FOR 20 MM HTD® BELTS

Q.D.® Bushed - With Guide Flanges

Catalog No.	No. Teeth	List Price		Bushing			Sprocket		Approx. Wt.	
		Sprocket	Bushing	Bore Range		Length	Pitch Diam.	Flange O.D.	Sprocket	Bushing
				Min.	Max.					
820-24JA	24			.500	1.250	1.000	2.406	2.76	.8	.8
820-25JA	25			.500	1.250	1.000	2.506	2.86	.9	.8
820-26JA	26			.500	1.250	1.000	2.607	2.96	1.0	.8
820-27JA	27			.500	1.250	1.000	2.707	3.06	1.2	.8
820-28JA	28			.500	1.250	1.000	2.807	3.16	1.2	.8
820-29JA	29			.500	1.250	1.000	2.907	3.26	1.3	.8
820-30JA	30			.500	1.250	1.000	3.008	3.36	1.4	.8
820-31JA	31			.500	1.250	1.000	3.108	3.46	1.5	.8
820-32JA	32			.500	1.250	1.000	3.208	3.56	1.7	.8
820-33SH	33			.500	1.687	1.250	3.308	3.66	1.7	1.0
820-34SH	34			.500	1.687	1.250	3.409	3.76	1.8	1.0
820-35SH	35			.500	1.687	1.250	3.509	3.86	1.9	1.0
820-36SH	36			.500	1.687	1.250	3.609	3.96	2.0	1.0
820-37SH	37			.500	1.687	1.250	3.709	4.06	2.1	1.0
820-38SH	38			.500	1.687	1.250	3.810	4.16	2.3	1.0
820-39SH	39			.500	1.687	1.250	3.910	4.26	2.5	1.0
820-40SH	40			.500	1.687	1.250	4.010	4.36	2.7	1.0
820-41SH	41			.500	1.687	1.250	4.110	4.46	2.9	1.0
820-42SH	42			.500	1.687	1.250	4.211	4.56	3.1	1.0
820-43SH	43			.500	1.687	1.250	4.311	4.66	3.4	1.0
820-44SDS	44			.500	2.000	1.312	4.411	4.76	2.9	1.2
820-45SDS	45			.500	2.000	1.312	4.511	4.86	3.2	1.2
820-46SDS	46			.500	2.000	1.312	4.612	4.96	3.4	1.2
820-47SDS	47			.500	2.000	1.312	4.712	5.06	3.6	1.2
820-48SDS	48			.500	2.000	1.312	4.812	5.16	3.9	1.2
820-49SDS	49			.500	2.000	1.312	4.912	5.26	4.1	1.2
820-50SDS	50			.500	2.000	1.312	5.013	5.36	4.4	1.2
820-51SDS	51			.500	2.000	1.312	5.113	5.46	4.6	1.2
820-52SDS	52			.500	2.000	1.312	5.213	5.56	4.9	1.2
820-53SDS	53			.500	2.000	1.312	5.314	5.66	5.2	1.2
820-54SDS	54			.500	2.000	1.312	5.414	5.76	5.4	1.2
820-55SDS	55			.500	2.000	1.312	5.514	5.86	5.7	1.2
820-56SDS	56			.500	2.000	1.312	5.614	5.96	5.9	1.2
820-57SDS	57			.500	2.000	1.312	5.715	6.06	6.2	1.2
820-58SDS	58			.500	2.000	1.312	5.815	6.16	6.6	1.2
820-59SDS	59			.500	2.000	1.312	5.915	6.26	6.4	1.2
820-60SDS	60			.500	2.000	1.312	6.015	6.36	6.7	1.2
820-64SDS	64			.500	2.000	1.312	6.416	6.76	7.9	1.2
820-72SDS	72			.500	2.000	1.312	7.218	7.57	11.0	1.2
820-80SDS	80			.500	2.000	1.312	8.020	8.37	14.0	1.2



**STOCK 8 MM LSB SPROCKETS FOR 20 MM HTD® BELTS**

With Guide Flanges - Hub One Side

**PLAIN STOCK BORE**

Catalog No.	No. Teeth	List Price	Pitch Diam.	Flange O.D.	Hub Diam.	Length Through Bore	Stock Bore	*Max. Bore	Apprx. Wt.
820-22SB	22		2.206	2.56	1.86	1.75	.625	1.312	1.5
820-23SB	23		2.306	2.66	1.96	1.75	.625	1.375	1.7
820-24SB	24		2.406	2.76	2.06	1.75	.625	1.437	1.9
820-25SB	25		2.506	2.86	2.16	1.75	.625	1.500	2.0
820-26SB	26		2.607	2.96	2.26	1.75	.625	1.625	2.2
820-27SB	27		2.707	3.06	2.36	1.75	.625	1.750	2.4
820-28SB	28		2.807	3.16	2.46	1.75	.625	1.750	2.6
820-29SB	29		2.907	3.26	2.56	1.75	.625	1.812	2.8
820-30SB	30		3.008	3.36	2.66	1.75	.625	1.875	3.0
820-31SB	31		3.108	3.46	2.76	1.75	.625	1.937	3.3
820-32SB	32		3.208	3.56	2.86	1.75	.625	2.000	3.5

Maximum bore is with setscrew at angle to keyway.

Alteration Charges For Above Stock Bore Sizes - List Price Each:

Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.
1			
2 - 4			
5 - 9			
10 - 24			

**SPROCKETS WITH FINISHED BORE - STANDARD KEYWAY AND SETSCREW**

Catalog No.	No. Teeth	List Price	Bore Sizes Stocked						
			5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8
820-22FB	22		X	X	X	X	X	X	
820-23FB	23		X	X	X	X	X	X	
820-24FB	24		X	X	X	X	X	X	
820-25FB	25		X	X	X	X	X	X	X
820-26FB	26		X	X	X	X	X	X	X
820-27FB	27		X	X	X	X	X	X	X
820-28FB	28		X	X	X	X	X	X	X
820-29FB	29		X	X	X	X	X	X	X
820-30FB	30		X	X	X	X	X	X	X
820-31FB	31		X	X	X	X	X	X	X
820-32FB	32		X	X	X	X	X	X	X

Order by Catalog No. and Bore Size.

830 LSB



STOCK 8 MM LSB SPROCKETS FOR 30 MM HTD® BELTS

Q.D.® Bushed - With Guide Flanges

Catalog No.	No. Teeth	List Price		Bushing			Sprocket		Approx. Wt.	
		Sprocket	Bushing	Bore Range		Length	Pitch Diam.	Flange O.D.	Sprocket	Bushing
				Min.	Max.					
830-28JA	28			.500	1.250	1.000	2.807	3.16	1.4	.8
830-29JA	29			.500	1.250	1.000	2.907	3.26	1.5	.8
830-30JA	30			.500	1.250	1.000	3.008	3.36	1.7	.8
830-31JA	31			.500	1.250	1.000	3.108	3.46	1.9	.8
830-32JA	32			.500	1.250	1.000	3.208	3.56	2.1	.8
830-33SH	33			.500	1.687	1.250	3.308	3.66	1.9	1.0
830-34SH	34			.500	1.687	1.250	3.409	3.76	2.0	1.0
830-35SH	35			.500	1.687	1.250	3.509	3.86	2.2	1.0
830-36SH	36			.500	1.687	1.250	3.609	3.96	2.3	1.0
830-37SH	37			.500	1.687	1.250	3.709	4.06	2.6	1.0
830-38SH	38			.500	1.687	1.250	3.810	4.16	2.7	1.0
830-39SH	39			.500	1.687	1.250	3.910	4.26	3.1	1.0
830-40SH	40			.500	1.687	1.250	4.010	4.36	3.4	1.0
830-41SH	41			.500	1.687	1.250	4.110	4.46	3.6	1.0
830-42SH	42			.500	1.687	1.250	4.211	4.56	3.9	1.0
830-43SH	43			.500	1.687	1.250	4.311	4.66	4.2	1.0
830-44SDS	44			.500	2.000	1.312	4.411	4.76	3.4	1.2
830-45SDS	45			.500	2.000	1.312	4.511	4.86	3.8	1.2
830-46SDS	46			.500	2.000	1.312	4.612	4.96	4.0	1.2
830-47SDS	47			.500	2.000	1.312	4.712	5.06	4.4	1.2
830-48SDS	48			.500	2.000	1.312	4.812	5.16	4.8	1.2
830-49SDS	49			.500	2.000	1.312	4.912	5.26	5.0	1.2
830-50SDS	50			.500	2.000	1.312	5.013	5.36	5.4	1.2
830-51SDS	51			.500	2.000	1.312	5.113	5.46	5.6	1.2
830-52SDS	52			.500	2.000	1.312	5.213	5.56	6.0	1.2
830-53SDS	53			.500	2.000	1.312	5.314	5.66	6.4	1.2
830-54SDS	54			.500	2.000	1.312	5.414	5.76	6.7	1.2
830-55SDS	55			.500	2.000	1.312	5.514	5.86	7.1	1.2
830-56SDS	56			.500	2.000	1.312	5.614	5.96	7.4	1.2
830-57SK	57			.500	2.625	1.875	5.715	6.06	7.6	2.0
830-58SK	58			.500	2.625	1.875	5.815	6.16	8.1	2.0
830-59SK	59			.500	2.625	1.875	5.915	6.26	8.6	2.0
830-60SK	60			.500	2.625	1.875	6.015	6.36	8.8	2.0
830-64SK	64			.500	2.625	1.875	6.416	6.76	10.0	2.0
830-72SK	72			.500	2.625	1.875	7.218	7.57	14.0	2.0
830-80SK	80			.500	2.625	1.875	8.020	8.37	18.0	2.0



**STOCK 8 MM LSB SPROCKETS FOR 30 MM HTD® BELTS**

With Guide Flanges - Hub One Side

**PLAIN STOCK BORE**

Catalog No.	No. Teeth	List Price	Pitch Diam.	Flange O.D.	Hub Diam.	Length Through Bore	Stock Bore	*Max. Bore	Approx. Wt.
830-22SB	22		2.206	2.55	1.86	2.12	.625	1.312	1.9
830-23SB	23		2.306	2.65	1.96	2.12	.625	1.375	2.1
830-24SB	24		2.406	2.75	2.06	2.12	.625	1.437	2.2
830-25SB	25		2.506	2.85	2.16	2.12	.625	1.500	2.4
830-26SB	26		2.607	2.95	2.26	2.12	.625	1.625	2.7
830-27SB	27		2.707	3.05	2.36	2.12	.625	1.750	2.9
830-28SB	28		2.807	3.15	2.46	2.12	.625	1.750	3.2
830-29SB	29		2.907	3.25	2.56	2.12	.625	1.812	3.4
830-30SB	30		3.008	3.35	2.66	2.12	.625	1.875	3.6
830-31SB	31		3.108	3.45	2.76	2.12	.625	1.937	4.0
830-32SB	32		3.208	3.55	2.86	2.12	.625	2.000	4.2

Maximum bore is with setscrew at angle to keyway.

Alteration Charges For Above Stock Bore Sizes - List Price Each:

Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.
1			
2 - 4			
5 - 9			
10 - 24			

**SPROCKETS WITH FINISHED BORE - STANDARD KEYWAY AND SETSCREW**

Catalog No.	No. Teeth	List Price	Bore Sizes Stocked						
			3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2
830-22FB	22		X	X	X	X	X		
830-23FB	23		X	X	X	X	X		
830-24FB	24		X	X	X	X	X		
830-25FB	25		X	X	X	X	X	X	
830-26FB	26		X	X	X	X	X	X	
830-27FB	27		X	X	X	X	X	X	
830-28FB	28		X	X	X	X	X	X	
830-29FB	29		X	X	X	X	X	X	
830-30FB	30		X	X	X	X	X	X	X
830-31FB	31		X	X	X	X	X	X	X
830-32FB	32		X	X	X	X	X	X	X

Order by Catalog No. and Bore Size.

850 LSB



STOCK 8 MM LSB SPROCKETS FOR 50 MM HTD® BELTS

Q.D.® Bushed - With Guide Flanges

Catalog No.	No. Teeth	List Price		Bushings			Sprocket		Approx. Wt.	
		Sprocket	Bushings	Bore Range		Length	Pitch Diam.	Flange O.D.	Sprocket	Bushings
				Min.	Max.					
850-28JA	28			.500	1.250	1.000	2.807	3.16	1.9	.8
850-29JA	29			.500	1.250	1.000	2.907	3.26	2.1	.8
850-30JA	30			.500	1.250	1.000	3.008	3.36	2.5	.8
850-31JA	31			.500	1.250	1.000	3.108	3.46	2.7	.8
850-32JA	32			.500	1.250	1.000	3.208	3.56	3.1	.8
850-33SH	33			.500	1.687	1.250	3.308	3.66	2.3	1.0
850-34SH	34			.500	1.687	1.250	3.409	3.76	2.4	1.0
850-35SH	35			.500	1.687	1.250	3.509	3.86	2.8	1.0
850-36SH	36			.500	1.687	1.250	3.609	3.96	2.8	1.0
850-37SH	37			.500	1.687	1.250	3.709	4.06	3.3	1.0
850-38SH	38			.500	1.687	1.250	3.810	4.16	3.6	1.0
850-39SH	39			.500	1.687	1.250	3.910	4.26	4.1	1.0
850-40SH	40			.500	1.687	1.250	4.010	4.36	4.6	1.0
850-41SH	41			.500	1.687	1.250	4.110	4.46	4.9	1.0
850-42SH	42			.500	1.687	1.250	4.211	4.56	5.4	1.0
850-43SH	43			.500	1.687	1.250	4.311	4.66	5.7	1.0
850-44SD	44			.500	2.000	1.812	4.411	4.76	5.5	1.5
850-45SD	45			.500	2.000	1.812	4.511	4.86	6.1	1.5
850-46SD	46			.500	2.000	1.812	4.612	4.96	6.4	1.5
850-47SD	47			.500	2.000	1.812	4.712	5.06	7.0	1.5
850-48SD	48			.500	2.000	1.812	4.812	5.16	7.3	1.5
850-49SD	49			.500	2.000	1.812	4.912	5.26	8.0	1.5
850-50SD	50			.500	2.000	1.812	5.013	5.36	8.6	1.5
850-51SD	51			.500	2.000	1.812	5.113	5.46	9.0	1.5
850-52SD	52			.500	2.000	1.812	5.213	5.56	9.6	1.5
850-53SD	53			.500	2.000	1.812	5.314	5.66	10.0	1.5
850-54SD	54			.500	2.000	1.812	5.414	5.76	11.0	1.5
850-55SD	55			.500	2.000	1.812	5.514	5.86	11.0	1.5
850-56SK	56			.500	2.625	1.875	5.614	5.96	9.6	2.0
850-57SK	57			.500	2.625	1.875	5.715	6.06	10.0	2.0
850-58SK	58			.500	2.625	1.875	5.815	6.16	11.0	2.0
850-59SK	59			.500	2.625	1.875	5.915	6.26	11.0	2.0
850-60SK	60			.500	2.625	1.875	6.015	6.36	12.0	2.0
850-64SK	64			.500	2.625	1.875	6.416	6.76	15.0	2.0
850-72SK	72			.500	2.625	1.875	7.218	7.57	21.0	2.0
850-80SF	80			.500	2.937	2.000	8.020	8.37	25.0	3.5



**STOCK 8 MM LSB SPROCKETS FOR 50 MM HTD® BELTS**

With Guide Flanges - Hub One Side

**PLAIN STOCK BORE**

Catalog No.	No. Teeth	List Price	Pitch Diam.	Flange O.D.	Hub Diam.	Length Through Bore	Stock Bore	Max. Bore	Approx. Wt.
850-22SB	22		2.206	2.56	1.86	3.12	.625	1.312	2.9
850-23SB	23		2.306	2.66	1.96	3.12	.625	1.375	3.2
850-24SB	24		2.406	2.76	2.06	3.12	.625	1.437	3.4
850-25SB	25		2.506	2.86	2.16	3.12	.625	1.500	3.7
850-26SB	26		2.607	2.96	2.26	3.12	.625	1.625	4.1
850-27SB	27		2.707	3.06	2.36	3.12	.625	1.750	4.4
850-28SB	28		2.807	3.16	2.46	3.12	.625	1.750	4.8
850-29SB	29		2.907	3.26	2.56	3.12	.625	1.812	5.2
850-30SB	30		3.008	3.36	2.66	3.12	.625	1.875	5.5
850-31SB	31		3.108	3.46	2.76	3.12	.625	1.937	6.0
850-32SB	32		3.208	3.56	2.86	3.12	.625	2.000	6.3

Maximum bore is with setscrew at angle to keyway.

Alteration Charges For Above Stock Bore Sizes - List Price Each:

Quantity Identical Items	Re-bore Each	Each K.W.	Each S.S.
1			
2 - 4			
5 - 9			
10 - 24			

**SPROCKETS WITH FINISHED BORE - STANDARD KEYWAY AND SETSCREW**

Catalog No.	No. Teeth	List Price	Bore Sizes Stocked						
			1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4
850-22FB	22		X	X	X				
850-23FB	23		X	X	X				
850-24FB	24		X	X	X				
850-25FB	25		X	X	X	X			
850-26FB	26		X	X	X	X			
850-27FB	27		X	X	X	X			
850-28FB	28		X	X	X	X			
850-29FB	29		X	X	X	X			
850-30FB	30		X	X	X	X	X		
850-31FB	31		X	X	X	X	X	X	
850-32FB	32		X	X	X	X	X	X	X

Order by Catalog No. and Bore Size.

1440 LSB



STOCK 14 MM LSB SPROCKETS FOR 40 MM HTD® BELTS

O.D.® Bushed - With Guide Flanges

Catalog No.	No. Teeth	List Price		Bushing			Sprocket		Approx. Wt.	
		Sprocket	Bushing	Bore Range		Length	Pitch Diam.	Flange O.D.	Sprocket	Bushing
				Min.	Max.					
1440-31SK	31			.500	2.625	1.875	5.439	5.95	6.6	2.0
1440-33SK	33			.500	2.625	1.875	5.790	6.30	8.3	2.0
1440-35SK	35			.500	2.625	1.875	6.141	6.65	9.5	2.0
1440-37SF	37			.500	2.937	2.000	6.492	7.00	10.6	3.5
1440-39SF	39			.500	2.937	2.000	6.842	7.35	12.7	3.5
1440-41E	41			.875	3.500	2.625	7.193	7.70	13.0	9.0
1440-42E	42			.875	3.500	2.625	7.369	7.88	14.2	9.0
1440-43E	43			.875	3.500	2.625	7.544	8.05	15.4	9.0
1440-45E	45			.875	3.500	2.625	7.895	8.40	17.7	9.0
1440-46E	46			.875	3.500	2.625	8.071	8.58	19.0	9.0
1440-47E	47			.875	3.500	2.625	8.246	8.76	20.3	9.0
1440-49E	49			.875	3.500	2.625	8.597	9.11	23.0	9.0
1440-50E	50			.875	3.500	2.625	8.772	9.28	24.3	9.0
1440-51E	51			.875	3.500	2.625	8.948	9.46	25.7	9.0
1440-53E	53			.875	3.500	2.625	9.299	9.81	28.7	9.0
1440-54E	54			.875	3.500	2.625	9.474	9.98	30.2	9.0
1440-55E	55			.875	3.500	2.625	9.650	10.16	31.6	9.0
1440-57E	57			.875	3.500	2.625	10.000	10.51	34.0	9.0
1440-58E	58			.875	3.500	2.625	10.176	10.69	35.9	9.0
1440-59E	59			.875	3.500	2.625	10.351	10.86	37.8	9.0



SPUR GEAR HUB STYLES



A TYPE  
SOLID



B TYPE  
SOLID OR WELDED



WEB TYPE  
WELDED

Stock Spur Gears are cut to allow backlash as listed below when mounted on standard center distances. They can be expected to operate as satisfactory replacements for any make of standard commercial gears or in new installations with standard mountings.

20 D.P. - .003"	5 D.P. - .008"	1 1/2" D.P. - .027"
16 D.P. - .003"	4 D.P. - .010"	3/4" C.P. - .010"
12 D.P. - .004"	3 D.P. - .013"	1" C.P. - .013"
10 D.P. - .004"	2 1/2 D.P. - .016"	1 1/4" C.P. - .016"
8 D.P. - .005"	2 D.P. - .020"	1 1/2" C.P. - .020"
6 D.P. - .007"	1 3/4 D.P. - .023"	1 3/4" C.P. - .023"

TABLE OF TOOTH PARTS

DIAMETRAL PITCH

Relation between Diametral Pitch and Circular Pitch, with corresponding Tooth Dimensions

Diametral Pitch	Circular Pitch	Thickness of Tooth On Pitch Line	Whole Depth	Dedendum	Addendum	Diametral Pitch	Circular Pitch	Thickness of Tooth On Pitch Line	Whole Depth	Dedendum	Addendum
1/2	6.2832"	3.1416"	4.3142"	2.3142"	2.0000"	10	.3142	.1571	.2157	.1157	.1000
3/4	4.1888	2.0944	2.8761	1.5428	1.3333	11	.2856	.1428	.1961	.1052	.0909
1	3.1416	1.5708	2.1571	1.1571	1.0000	12	.2618	.1309	.1798	.0964	.0833
1 1/4	2.5133	1.2566	1.7257	.9257	.8000	14	.2244	.1122	.1541	.0626	.0714
1 1/2	2.0944	1.0472	1.4381	.7714	.6666	16	.1963	.0982	.1348	.0723	.0625
1 3/4	1.7952	.8976	1.2326	.6612	.5714	18	.1745	.0873	.1198	.0643	.0555
2	1.5708	.7854	1.0785	.5785	.5000	20	.1571	.0785	.1079	.0579	.0500
2 1/4	1.3963	.6981	.9587	.5143	.4444	22	.1428	.0714	.0980	.0526	.0455
2 1/2	1.2566	.6283	.8528	.4628	.4000	24	.1309	.0654	.0898	.0482	.0417
2 3/4	1.1424	.5712	.7844	.4208	.3636	26	.1208	.0604	.0829	.0445	.0385
3	1.0472	.5236	.7190	.3857	.3333	28	.1122	.0561	.0770	.0413	.0357
3 1/2	.8976	.4488	.6163	.3306	.2857	30	.1047	.0524	.0719	.0386	.0333
4	.7854	.3927	.5393	.2893	.2500	32	.0982	.0491	.0674	.0362	.0312
5	.6283	.3142	.4314	.2314	.2000	36	.0873	.0436	.0599	.0321	.0278
6	.5236	.2618	.3595	.1928	.1666	40	.0785	.0393	.0539	.0289	.0250
7	.4488	.2244	.3081	.1653	.1429	48	.0654	.0327	.0449	.0241	.0208
8	.3927	.1963	.2696	.1446	.1250	60	.0524	.0262	.0360	.0193	.0166
9	.3491	.1745	.2397	.1286	.1111						

To obtain the size of a diametral pitch not given in the table divide the corresponding part of 1 diametral pitch by the pitch required.



TABLE OF TOOTH PARTS

CIRCULAR PITCH

Relation between Diametral Pitch and Circular Pitch, with corresponding Tooth Dimensions

Circular Pitch	Diametral Pitch	Thickness of Tooth On Pitch Line	Whole Depth	Dedendum	Addendum	Circular Pitch	Diametral Pitch	Thickness of Tooth On Pitch Line	Whole Depth	Dedendum	Addendum
2	1.5708	1.0000	1.3732	.7366	.6366	5/8	5.0265	.3125	.4291	.2301	.1989
1 7/8	1.6755	.9375	1.2874	.6906	.5968	9/16	5.5851	.2812	.3862	.2071	.1790
1 3/4	1.7952	.8750	1.2016	.6445	.5570	1/2	6.2832	.2500	.3433	.1842	.1592
1 5/8	1.9333	.8125	1.1158	.5985	.5173	7/16	7.1808	.2187	.3003	.1611	.1393
1 1/2	2.0944	.7500	1.0299	.5525	.4775	2/5	7.8540	.2000	.2746	.1473	.1273
1 7/16	2.1855	.7187	.9870	.5294	.4576	3/8	8.3776	.1875	.2575	.1381	.1194
1 3/8	2.2848	.6875	.9441	.5064	.4377	1/3	9.4248	.1666	.2287	.1228	.1061
1 5/6	2.3936	.6562	.9012	.4837	.4178	5/16	10.0531	.1562	.2146	.1151	.0985
1 1/4	2.5133	.6250	.8583	.4604	.3979	1/4	12.5664	.1250	.1716	.0921	.0796
1 3/16	2.6465	.5937	.8156	.4374	.3780	1/5	15.7080	.1000	.1373	.0737	.0637
1 1/8	2.7925	.5625	.7724	.4143	.3581	3/16	16.7552	.0937	.1287	.0690	.0592
1 1/16	2.9588	.5312	.7295	.3913	.3382	1/8	18.8496	.0833	.1144	.0614	.0531
1	3.1416	.5000	.6866	.3683	.3183	1/7	21.9911	.0714	.0981	.0526	.0455
15/16	3.3510	.4687	.6437	.3453	.2984	1/8	25.1327	.0625	.0858	.0460	.0398
7/8	3.5904	.4375	.6007	.3223	.2785	1/9	28.2743	.0555	.0763	.0409	.0354
13/16	3.8866	.4062	.5579	.2993	.2586	1/10	31.4159	.0500	.0687	.0368	.0318
3/4	4.1888	.3750	.5150	.2762	.2387	1/16	50.2655	.0312	.0429	.0230	.0199
11/16	4.5896	.3437	.4720	.2532	.2189	1/20	62.8318	.0250	.0343	.0184	.0159

To obtain the size of any part of a circular pitch not given in the table, multiply the corresponding part of 1" pitch by the pitch required.

TABLE OF TOOTH PARTS METRIC PITCH (MODULE)

Relation between Metric Pitch, Diametral Pitch and Circular Pitch, with Corresponding Tooth Dimensions

Module	Diametral Pitch	Circular Pitch (Inches)	Thickness On Pitch Line (Inches)	Whole Depth (Inches)	Dedendum (Inches)	Addendum (Inches)	Module	Diametral Pitch	Circular Pitch (Inches)	Thickness On Pitch Line (Inches)	Whole Depth (Inches)	Dedendum (Inches)	Addendum (Inches)
1/2	50.800	.0618	.0309	.0425	.0228	.0197	4 1/2	5.644	.5566	.2783	.3822	.2050	.1772
3/4	33.867	.0927	.0464	.0637	.0342	.0295	5	5.080	.6184	.3092	.4246	.2278	.1969
1	25.400	.1236	.0618	.0849	.0456	.0394	6 1/2	4.618	.6802	.3402	.4671	.2506	.2165
1 1/4	20.320	.1546	.0773	.1062	.0569	.0492	6	4.233	.7421	.3710	.5096	.2734	.2362
1 1/2	16.933	.1855	.0928	.1274	.0683	.0591	7	3.628	.8659	.4329	.5946	.3189	.2756
1 3/4	14.514	.2164	.1082	.1486	.0797	.0689	8	3.175	.9894	.4947	.6794	.3644	.3150
2	12.700	.2473	.1237	.1699	.0911	.0787	9	2.822	1.1132	.5566	.7644	.4100	.3544
2 1/4	11.288	.2783	.1392	.1911	.1025	.0886	10	2.540	1.2368	.6184	.8493	.4566	.3937
2 1/2	10.160	.3092	.1546	.2123	.1138	.0984	11	2.309	1.3606	.6803	.9342	.5011	.4331
2 3/4	9.236	.3401	.1701	.2336	.1253	.1083	12	2.117	1.4839	.7420	1.0189	.5466	.4724
3	8.466	.3710	.1855	.2548	.1367	.1181	14	1.814	1.7316	.8659	1.1891	.6379	.5513
3 1/2	7.257	.4329	.2165	.2972	.1594	.1378	16	1.587	1.9795	.9898	1.3592	.7291	.6301
4	6.350	.4947	.2474	.3397	.1822	.1575	18	1.411	2.2263	1.1132	1.5354	.8267	.7086

The Metric Module is the Pitch Diameter in Millimeters divided by the number of teeth in the gear.

METRIC PITCH GEARS ARE AVAILABLE MADE-TO-ORDER



## DIAMETRAL PITCH

Diametral Pitch is the Number of Teeth Per Inch of the Pitch Diameter  
FOR SPUR GEARS ONLY

To Get	Knowing	Rule	To Get	Knowing	Rule	
Diametral Pitch	The Circular Pitch	Divide 3.1416 by the Circular Pitch	Outside Diameter	The Pitch Dia. and the Number of Teeth	Divide the No. of Teeth plus 2 by the quotient of No. of Teeth divided by the Pitch Dia.	
	The Pitch Diameter and the No. of Teeth	Divide Number of Teeth by Pitch Diameter		The Number of Teeth and Addendum		Multiply the Number of teeth plus 2 by Addendum
	The Outside Dia. and the No. of Teeth	Divide Number of Teeth plus 2 by Outside Diameter				
Pitch Diameter	The No. of Teeth and the Diametral Pitch	Divide Number of Teeth by the Diametral Pitch	Number of Teeth	The Pitch Dia. and the Diametral Pitch	Multiply Pitch Diameter by the Diametral Pitch	
	The No. of Teeth and Outside Dia.	Divide the product of Outside Diameter and Number of Teeth by No. of Teeth plus 2		The Outside Dia. and the Diametral Pitch	Multiply Outside Dia. by the Diametral Pitch and subtract 2	
	The Outside Dia. and the Diametral Pitch	Subtract from the Outside Dia. the quotient of 2 divided by the Diametral Pitch	Thickness of Tooth	The Diametral Pitch	Divide 1.5708 by the Diametral Pitch	
			Addendum	The Diametral Pitch	Divide 1 by the Diametral Pitch	
Addendum and Number of Teeth	Multiply Addendum by the Number of Teeth	Root	The Diametral Pitch	Divide 1.157 by the Diametral Pitch		
Outside Diameter	The No. of Teeth and the Diametral Pitch	Divide Number of Teeth plus 2 by the Diametral Pitch	Working Depth	The Diametral Pitch	Divide 2 by the Diametral Pitch	
			Whole Depth	The Diametral Pitch	Divide 2.157 by the Diametral Pitch	
	The Pitch Dia. and the Diametral Pitch	Add to the Pitch Diameter the quotient of 2 divided by the Diametral Pitch	Clearance	The Diametral Pitch	Divide .157 by the Diametral Pitch	
			Thickness of Tooth	The Diametral Pitch	Divide Thickness of Tooth at pitch line by 10	

## CIRCULAR PITCH

Circular Pitch is the Distance from the Center of One Tooth to the Center of the Next Tooth at the Pitch Line

FOR SPUR GEARS ONLY

To Get	Knowing	Rule	To Get	Knowing	Rule
Circular Pitch	The Diametral Pitch	Divide 3.1416 by the Diametral Pitch	Outside Diameter	The Pitch Dia. and the Circular Pitch	Add to the Pitch Diameter the product of the Circular Pitch and .6366
	The Pitch Dia. and the No. of Teeth	Divide Pitch Dia. by the product of .3183 and No. of Teeth		The No. of Teeth and the Addendum	Multiply Addendum by Number of Teeth plus 2
	The Outside Dia. and the No. of Teeth	Divide Outside Dia. by the product of .3183 and Number of Teeth plus 2	Number of Teeth	The Pitch Diameter and the Circular Pitch	Divide the Product of Pitch Diameter and 3.1416 by the Circular Pitch
Pitch Diameter	The No. of Teeth and the Circular Pitch	The continued product of the Number of Teeth, the Circular Pitch and .3183	Thickness of Tooth	The Circular Pitch	One-half the Circular Pitch
	The No. of Teeth and the Outside Dia.	Divide the product of No. of Teeth and Outside Dia. by No. of Teeth plus 2	Addendum	The Circular Pitch	Multiply the Circular Pitch by .3183
			Root	The Circular Pitch	Multiply the Circular Pitch by .3683
	The Outside Dia. and the Circular Pitch	Subtract the product of the Circular Pitch and .6366 from the Outside Dia.	Working Depth	The Circular Pitch	Multiply the Circular Pitch by .6366
Addendum and the Number of Teeth	Multiply the No. of Teeth by the Addendum	Whole Depth	The Circular Pitch	Multiply the Circular Pitch by .6866	
Outside Diameter	The No. of Teeth and the Circular Pitch	The continued product of the Number of Teeth plus 2 the Circular Pitch and .3183	Clearance	The Circular Pitch	Multiply the Circular Pitch by .05
			Thickness of Tooth	The Circular Pitch	One-tenth the Thickness of Tooth at Pitch Line



**MACHINE CUT SPROCKET TOLERANCES**

**SINGLE STRAND SPROCKET RIM THICKNESS**

Pitch	Chain Number	Sprocket Thickness	Un-machined Tolerance	Machined Tolerance
1/4 "	25	.110"	+ .005 / - .021"	+ .000 / - .007"
3/8 "	35	.168"	+ .006 / - .027"	+ .000 / - .008"
1/2 "	41	.227"	+ .007 / - .032"	+ .000 / - .009"
1/2 "	40	.284"	+ .008 / - .035"	+ .000 / - .009"
5/8 "	50	.343"	+ .009 / - .036"	+ .000 / - .010"
3/4 "	60	.459"	+ .012 / - .036"	+ .000 / - .011"
1 "	80	.575"	+ .014 / - .040"	+ .000 / - .012"
1 1/4 "	100	.692"	+ .017 / - .046"	+ .000 / - .014"
1 1/2 "	120	.924"	+ .022 / - .057"	+ .000 / - .016"
1 3/4 "	140	.924"	+ .022 / - .057"	+ .000 / - .016"
2 "	160	1.156"	+ .027 / - .062"	+ .000 / - .019"
2 1/4 "	180	1.301"	+ .032 / - .068"	+ .000 / - .020"
2 1/2 "	200	1.389"	+ .032 / - .072"	+ .000 / - .021"
3 "	240	1.738"	+ .050 / - .088"	+ .000 / - .025"

**SPROCKET ROOT DIAMETER**

The Root or Bottom diameter tolerance is minus only and can be found by the following formula:

$$\text{Tolerance Equals: } (.001 \times \text{Chain Pitch in Inches} \times \text{Square Root of the No. of Teeth}) + .003"$$

**FACE RUN-OUT**

Maximum total face run-out is .0025" total indicator reading per inch of sprocket pitch diameter.

**CONCENTRICITY**

Maximum allowable pitch line eccentricity with relation to the bore is .001" total indicator reading per inch of sprocket pitch diameter, with minimum tolerance of .006" at regular charges.

**HUB DIAMETER AND LENGTH**

Hub Diameter Range	Hub Diameter Tolerance	Length Through Bore Tolerance
Hubs up to 3" Diameter	+ 0" - 1/32"	+ 1/32" - 1/32"
Over 3" to 4" Diameter	+ 0" - 1/16"	+ 1/32" - 1/32"
Over 4" to 6" Diameter	+ 0" - 1/16"	+ 1/16" - 1/16"
Hubs over 6" Diameter	+ 0" - 1/8"	+ 1/16" - 1/16"

**DRILLED HOLES**

Hole Diameter .....	+ .010"	- .000"
Radius from Center .....	+ .015"	- .015"
Spacing .....	+ .010"	- .010"



MAXIMUM HUB DIAMETERS - INCHES

Pitch and Chain Number

No. Teeth	3/8 35	1/2 41	1/2 40	5/8 50	3/4 60	1 80	1 1/4 100	1 1/2 120	1 3/4 140	2 160	2 1/4 180	2 1/2 200	3 240
6	.24	.42	.33	.42	.52	.70	.88	1.06	1.25	1.42	1.61	1.80	2.16
7	.38	.59	.50	.64	.77	1.05	1.31	1.58	1.84	2.11	2.39	2.66	3.19
8	.50	.77	.67	.84	1.03	1.38	1.73	2.08	2.44	2.80	3.14	3.50	4.20
9	.62	.93	.84	1.06	1.28	1.72	2.15	2.59	3.03	3.46	3.89	4.34	5.21
10	.75	1.10	1.01	1.27	1.53	2.05	2.57	3.09	3.60	4.12	4.64	5.16	6.20
11	.87	1.26	1.17	1.47	1.77	2.37	2.98	3.58	4.18	4.78	5.38	5.98	7.19
12	.99	1.43	1.34	1.68	2.02	2.70	3.38	4.07	4.75	5.43	6.11	6.80	8.17
13	1.12	1.59	1.50	1.88	2.26	3.03	3.79	4.56	5.32	6.08	6.84	7.61	9.14
14	1.24	1.75	1.66	2.08	2.51	3.35	4.20	5.04	5.89	6.73	7.58	8.42	10.11
15	1.36	1.91	1.82	2.28	2.75	3.67	4.60	5.53	6.45	7.38	8.30	9.23	11.08
16	1.48	2.07	1.98	2.49	2.99	4.00	5.00	6.01	7.02	8.02	9.03	10.04	12.05
17	1.60	2.23	2.14	2.69	3.23	4.32	5.41	6.49	7.58	8.67	9.75	10.84	13.02
18	1.72	2.39	2.30	2.89	3.47	4.64	5.81	6.98	8.14	9.31	10.47	11.65	13.98
19	1.84	2.56	2.47	3.09	3.71	4.96	6.21	7.46	8.71	9.95	11.20	12.45	14.95
20	1.96	2.72	2.63	3.29	3.95	5.26	6.61	7.94	9.27	10.60	11.92	13.25	15.91
21	2.08	2.88	2.79	3.49	4.19	5.60	7.01	8.42	9.83	11.24	12.64	14.06	16.87
22	2.20	3.04	2.95	3.69	4.44	5.92	7.41	8.90	10.39	11.88	13.36	14.86	17.84
23	2.32	3.20	3.11	3.89	4.68	6.24	7.81	9.38	10.95	12.52	14.08	15.66	18.80
24	2.44	3.36	3.27	4.09	4.92	6.56	8.21	9.86	11.51	13.16	14.80	16.46	18.76
25	2.56	3.52	3.43	4.29	5.16	6.88	8.61	10.34	12.07	13.80	15.52	17.26	20.72
26	2.68	3.68	3.59	4.49	5.40	7.20	9.01	10.82	12.63	14.44	16.25	18.06	21.68
27	2.80	3.84	3.75	4.69	5.64	7.52	9.41	11.30	13.19	15.08	16.97	18.86	22.64
28	2.92	4.00	3.91	4.89	5.88	7.84	9.81	11.78	13.75	15.72	17.69	19.66	23.59
29	3.04	4.16	4.07	5.09	6.12	8.16	10.21	12.26	14.31	16.36	18.41	20.46	24.55
30	3.16	4.32	4.23	5.29	6.35	8.48	10.61	12.74	14.87	17.00	19.13	21.26	25.51
31	3.28	4.47	4.38	5.48	6.59	8.80	11.00	13.22	15.42	17.62	19.84	22.05	26.47
32	3.39	4.64	4.55	5.69	6.83	9.11	11.41	13.69	15.98	18.27	20.56	22.84	27.42

Pitch and Chain Number

No. of Effective Teeth	1" Pitch		1 1/4" Pitch		1 1/2" Pitch		2" Pitch		2 1/2" Pitch		3" Pitch	
	2040	2042	2050	2052	2060	2062	2080	2082	2100	2102	2120	2122
6	1.20	1.20	1.51	1.51	1.82	1.82	2.43	2.43	3.05	3.05	3.67	3.67
6 1/2	1.38	....	1.73	...	2.08	....	2.78	....	3.48	....	4.19	...
7	1.55	1.55	1.94	1.94	2.34	2.34	3.12	3.12	3.91	3.91	4.70	4.70
7 1/2	1.72	....	2.15	...	2.59	....	3.46	....	4.34	....	5.21	...
8	1.88	1.88	2.36	2.36	2.84	2.84	3.80	3.80	4.76	4.75	5.71	5.71
8 1/2	2.05	....	2.57	...	3.09	....	4.13	....	5.17	....	6.21	...
9	2.22	2.22	2.80	2.78	3.34	3.34	4.47	4.46	5.59	5.59	6.71	6.71
9 1/2	2.38	....	2.99	...	3.59	....	4.80	....	6.00	....	7.24	...
10	2.55	2.55	3.19	3.19	3.84	3.84	5.13	5.12	6.41	6.41	7.71	7.70
10 1/2	2.71	....	3.40	...	4.08	....	5.45	....	6.83	....	8.20	...
11	2.88	2.88	3.60	3.60	4.33	4.33	5.78	5.78	7.23	7.23	8.69	8.69
11 1/2	3.04	....	3.81	...	4.57	....	6.11	....	7.64	....	9.18	...
12	3.20	3.20	4.04	4.01	4.82	4.82	6.43	6.43	8.05	8.05	9.67	9.66
12 1/2	3.36	....	4.21	...	5.06	....	6.76	....	8.46	....	10.15	...
13	3.53	3.52	4.42	4.42	5.31	5.30	7.08	7.08	8.86	8.85	10.64	10.64
13 1/2	3.69	....	4.62	...	5.55	....	7.41	....	9.27	....	11.13	...
14	3.85	3.84	4.82	4.82	5.79	5.79	7.73	7.73	9.67	9.64	11.61	11.61
14 1/2	4.01	....	5.02	...	6.03	....	8.06	....	10.08	....	12.10	...
15	4.17	4.15	5.23	5.23	6.28	6.28	8.38	8.38	10.48	10.43	12.58	12.58



STANDARD KEYWAY



and SET SCREW DIMENSIONS - INCHES

SHAFT DIAMETER	KEYWAY WIDTH X DEPTH	SET SCREW DIAMETER	SHAFT DIAMETER	KEYWAY WIDTH X DEPTH	SET SCREW DIAMETER
1/2 - 9/16	1/8 X 1/16	1/4	3 5/16 - 3 3/4	7/8 X 7/16	3/4
5/8 - 7/8	3/16 X 3/32	1/4	3 13/16 - 4 1/2	1 X 1/2	3/4
15/16 - 1 1/4	1/4 X 1/8	5/16	4 9/16 - 5 1/2	1 1/4 X 5/8	3/4
1 5/16 - 1 3/8	5/16 X 5/32	5/16	5 9/16 - 6 1/2	1 1/2 X 3/4	1
1 7/16 - 1 3/4	3/8 X 3/16	3/8	6 9/16 - 7 1/2	1 3/4 X 7/8	1
1 13/16 - 2 1/4	1/2 X 1/4	1/2	7 9/16 - 8 15/16	2 X 1	1
2 5/16 - 2 3/4	5/8 X 5/16	5/8	9 - 10 15/16	2 1/2 X 1 1/4	1
2 13/16 - 3 1/4	3/4 X 3/8	3/4			

WHEN KEYWAYS AND/OR SETSCREWS ARE ORDERED, BUT EXACT SPECIFICATIONS NOT INDICATED, THE FOLLOWING PRACTICES WILL BE FOLLOWED.

Keyways are not located in line with sprocket or gear teeth unless requested. There is no additional charge for cutting in line but it should be understood that perfect alignment cannot be accomplished by normal shop methods. Because of variations in shafting, keystock and bore dimensions and the placement of keyways in shaft and bore, shaft misalignment or eccentricity or a combination of all of these, tooth alignment closer than + or - 0° 45' should not be anticipated from this method. Variations exceeding this amount are possible even when care is taken in all areas. For applications requiring particularly close alignment, we can supply adjustable hubs that allow one sprocket or gear to be rotated to match the other after installation on the shaft.

Keyways will be cut to the dimensions in the above table. Tapered keyways will be tapered 1/8" per foot - standard depth at deep end. Tapered keyways will be furnished with deep end on hub side of sprockets or gears with hub on one side only. If thickness of hub remaining over standard depth keyway is deemed inadequate, keyways will be cut shallow. Keys are not furnished except on order and at additional cost.

When one set screw is ordered, it is normally over the keyway. However, if the hub thickness remaining over the keyway is less than the diameter of a standard set screw it will be placed at 90°. When 2 set screws are ordered they are normally placed 1 over the key and 1 at 90°. If hub thickness over a standard depth keyway is less than the diameter of a standard set screw, they will be placed at 90° and 180° to the keyway. Set screws are furnished.

All alteration charges are for standard bore sizes in increments of 1/16" with standard tolerances. Non-standard bore, keyway or set screw sizes, tapered bores, splines, multiple keyways or specific location of keyways, pin holes or other variations from normal practice are subject to extra charge.

BORE AND KEYWAY TOLERANCES

The standard tolerances listed below have proved satisfactory in use throughout the industry for many years and will be maintained on all standard commercial sprockets and gears. Should specific applications require closer tolerances, they can be supplied at reasonable extra cost. However, care should be taken not to specify tolerances which are less than the standard listed, when not actually required, in order to avoid unnecessary extra charges.

BORE TOLERANCE

Bores up to 2" Diameter .....	+ .002" - .000"
Over 2" to 3" Diameter .....	+ .003" - .000"
Over 3" to 4" Diameter .....	+ .004" - .000"
Bores over 4" Diameter .....	+ .005" - .000"

KEYWAY TOLERANCE

Width of Keyway - Straight or Tapered .....	+ .002" - .002"
Depth of Keyway - Straight .....	+ .010" - .000"
Depth of Keyway - Tapered .....	+ .000" - .010"

**Ready Sprockets**

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**Herringbone Gears**

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