

## V-Belt Drives



 **TB Wood's**  
*Incorporated*

*An Altra Industrial Motion Company*

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# **WOOD'S**

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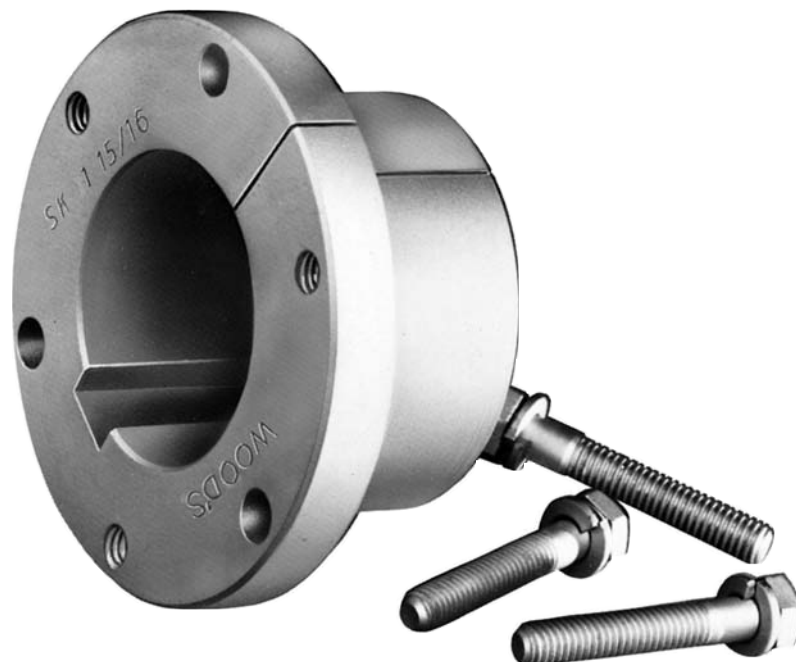
# **SURE-GRIP™**

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# **QD BUSHINGS**

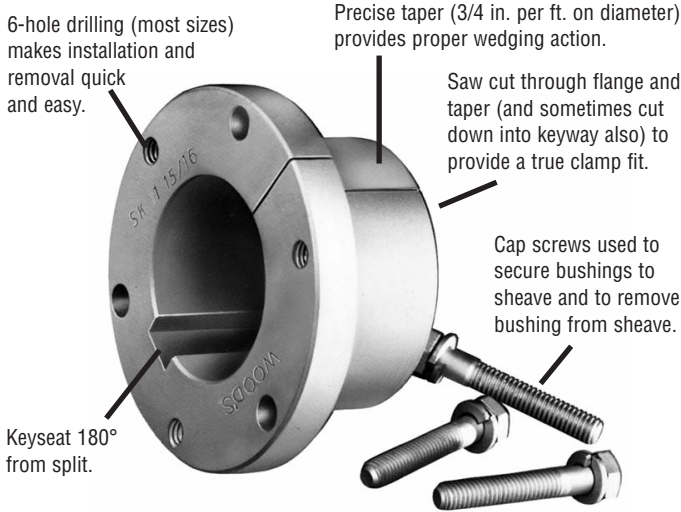
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- **Provide a True Clamp Fit**
- **Are Easy to Install and Remove**
- **Permit Four-Way Mounting**



# SURE-GRIP BUSHING FEATURES

Sure-Grip® “Quick Detachable” bushings are easy to install and remove. They are split through flange and taper to provide a true clamp on the shaft that is the equivalent of a shrink fit. All sizes except JA and QT have a setscrew over the key to help



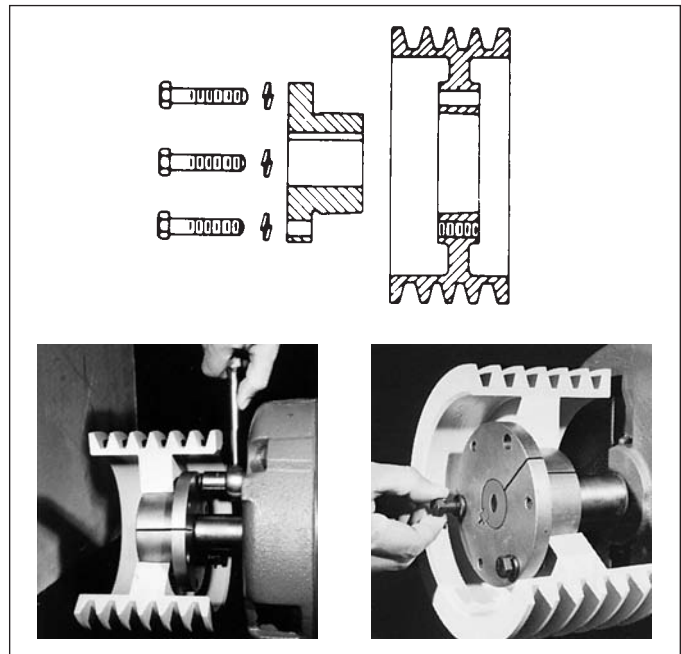
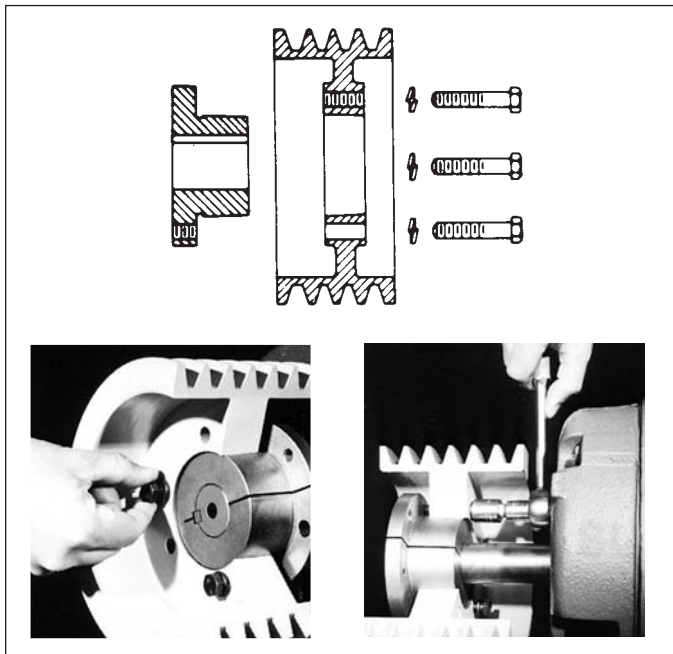
maintain the bushing's position on the shaft until the cap screws are securely tightened. Sure-Grip bushings have a very gradual taper (3/4-inch taper per ft. on the diameter) which is about half the inclined angle of many other bushings. The result is the Sure-Grip securely clamps the shaft, with twice the force of those competitive bushings, to provide extreme holding power.

Versatile Sure-Grip bushings permit the mounting of the same mating part on shafts of different diameters, and the mounting of different sheaves on the same shaft using the same bushing. Their interchangeability extends through sheaves, pulleys, timing pulleys, sprockets, flexible and rigid couplings, made-to-order items by Wood's, and to product lines of several other mechanical power transmission manufacturers.

Sure-Grip bushings are manufactured with the drilled and tapped holes located at a precise distance from the keyseat; thus, a wide mating part having a bushing in each end can be mounted on a common shaft with the two keyways in line. This feature not only facilitates installation but also permits both bushings to carry an equal share of the load.

## STANDARD MOUNTING

## REVERSE MOUNTING



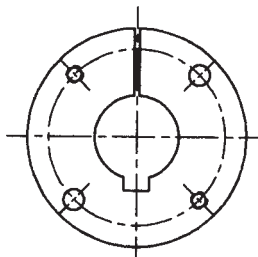
1. Cap screws from outside through drilled holes in the mating part and into threaded holes in the bushing flange located on the inside of the assembly. Or the complete assembly reversed on the shaft and;
2. Cap screws from inside through drilled holes in the mating part and into threaded holes in the bushing flange located on the outside of the assembly.

3. Cap screws from inside through drilled holes in the bushing flange located on the inside of the assembly and into threaded holes in the mating part.
4. Cap screws from outside through drilled holes in the bushing flange located on the outside of the assembly and into threaded holes in the mating part.

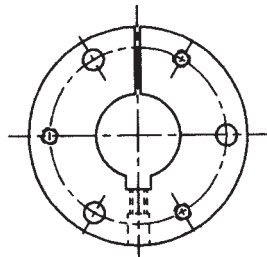
# SURE-GRIP BUSHING DIMENSIONS



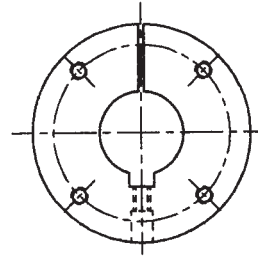
Sure-Grip bushings are designed to transmit the rated torque capacity listed in the table below when the cap screws are tightened as indicated. The bushings are stocked in all popular bore sizes, including metric bores, within the bore range for a particular bushing.



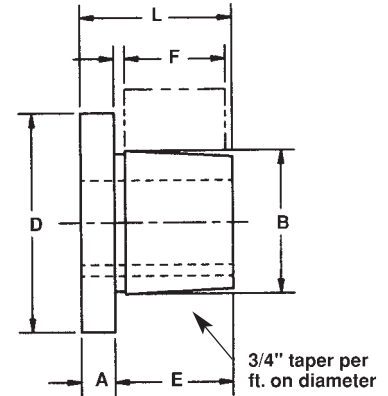
Bushing  
QT



Bushings  
JA to J inclusive  
w/Setscrew  
Except JA



Bushings  
M to S inclusive  
w/Setscrew



## SURE-GRIP BUSHING TORQUE RATINGS AND DIMENSIONS

Bush.	Torque Capacity (In.-Lbs.)	(Note 1) Max. Bore	(Note 2) Max. Bore	DIMENSIONS IN INCHES						Bolt Circle	Cap Screws Required
				A	B	D	E	F*	L		
QT	1,750	1½	30	¼	1.625	2½	1	7/8	1¼	2	2-¼ x 1
JA	1,750	1¼	23	5/16	1.375	2	11/16	9/16	1	1 21/32	3 - #10 x 1
SH	3,500	1 5/8	36	3/8	1.871	2 11/16	7/8	13/16	1¼	2¼	3-¼ x 1 3/8
SDS	5,000	1 15/16	42	7/16	2.1875	3 3/16	7/8	¾	1 5/16	2 11/16	3-¼ x 1 3/8
SD	5,000	1 15/16	42	7/16	2.1875	3 3/16	1 3/8	1¼	1 13/16	2 11/16	3-¼ x 1 7/8
SK	7,000	2½	56	½	2.8125	3 7/8	1 3/8	1¼	1 7/8	3 5/16	3-5/16 x 2
SF	11,000	2 15/16	63	½	3.125	4 5/8	1½	1¼	2	3 7/8	3-3/8 x 2
E	20,000	3½	78	¾	3.834	6	1 7/8	1 5/8	2 5/8	5	3-½ x 2 3/4
F	40,000	3 15/16	90	13/16	4.4375	6 5/8	2 13/16	2½	3 5/8	5 5/8	3-9/16 x 3 5/8
J	55,000	4½	105	1	5.1484	7 ¼	3½	3 3/16	4½	6¼	3-5/8 x 4½
M	125,000	5½	130	1¼	6.500	9 1/8	5½	5 3/16	6 3/4	7 7/8	4-3/4 x 6 3/4
N	150,000	6	140	1½	7.000	10	6 5/8	6¼	8 1/8	8½	4-7/8 x 8
P	250,000	7	160	1 3/4	8.250	11 3/4	7 5/8	7¼	9 3/8	10	4 - 1 x 9 1/2
W	375,000	8½	200	2	10.437	15	9 3/8	9	11 3/8	12 3/4	4 - 1 1/8 x 11 1/2
S	625,000	10	240	3 1/4	12.125	17 3/4	12½	12	15 3/4	15	5 - 1¼ x 15 1/2

\* Mating hub length.

1. MAX INCH BORE WITH KEYSEAT.
2. MAX MM BORE WITH STANDARD KEYSEAT.

See pages A1-4 to A1-8 for Bore and Keyseat information and weights.



# SURE-GRIP BUSHINGS BORE AND KEYSEAT DIMENSIONS

(Inches)

Sure-Grip Bushings are available from stock with all the bores and keyseats listed below. In some cases, as the bore increases in diameter, a shallow keyseat is provided—due to insufficient metal thickness. When this happens, Wood's furnishes the correct rectangular key to suit at no charge. This does not affect the bushing's ability to transmit the load. The rectangular key, or flat key as some call it, fits into the standard keyway in the shaft.

Product No.	Bore	Key Seat	Wt. (*)
<b>QT BUSHINGS</b>			
QTMPB	7/16	No KS	.6
QT12	1/2	1/8 x 1/16	.6
QT9/16	9/16	1/8 x 1/16	.6
QT58	5/8	3/16 x 3/32	.6
QT11/16	11/16	3/16 x 3/32	.6
QT34	3/4	3/16 x 3/32	.6
QT13/16	13/16	3/16 x 3/32	.6
QT78	7/8	3/16 x 3/32	.6
QT15/16	15/16	1/4 x 1/8	.6
QT1	1	1/4 x 1/8	.6
QT1116	1-1/16	1/4 x 1/8	.6
QT118	1-1/8	1/4 x 1/8	.6
QT1316	1-3/16	1/4 x 1/8	.6
QT114	1-1/4	1/4 x 1/8	.6
QT1516	1-5/16	5/16 x 1/16	.6
QT138	1-3/8	5/16 x 1/16	.6
QT1716	1-7/16	3/8 x 1/16	.6
QT112	1-1/2	3/8 x 1/16	.6
<b>JA BUSHINGS</b>			
JAMPB	1/2	No KS	.8
JA12	1/2	1/8 x 1/16	.8
JA9/16	9/16	1/8 x 1/16	.8
JA58	5/8	3/16 x 3/32	.8
JA11/16	11/16	3/16 x 3/32	.8
JA34	3/4	3/16 x 3/32	.8
JA13/16	13/16	3/16 x 3/32	.8
JA78	7/8	3/16 x 3/32	.8
JA15/16	15/16	1/4 x 1/8	.8
JA1	1	1/4 x 1/8	.8
JA1116	1-1/16	1/4 x 1/16	.8
JA118	1-1/8	1/4 x 1/16	.8
JA1316	1-3/16	1/4 x 1/16	.8
JA114	1-1/4	1/4 x 1/32	.8
<b>SH BUSHINGS</b>			
SHMPB	7/16	No KS	1.1
SH12	1/2	1/8 x 1/16	1.1
SH9/16	9/16	1/8 x 1/16	1.1
SH58	5/8	3/16 x 3/32	1.1
SH11/16	11/16	3/16 x 3/32	1.0
SH34	3/4	3/16 x 3/32	1.0
SH13/16	13/16	3/16 x 3/32	1.0
SH78	7/8	3/16 x 3/32	1.0
SH15/16	15/16	1/4 x 1/8	1.0
SH1	1	1/4 x 1/8	.9

Product No.	Bore	Key Seat	Wt. (*)
<b>SH BUSHINGS (continued)</b>			
SH1116	1-1/16	1/4 x 1/8	.9
SH118	1-1/8	1/4 x 1/8	.9
SH1316	1-3/16	1/4 x 1/8	.8
SH114	1-1/4	1/4 x 1/8	.8
SH1516	1-5/16	5/16 x 5/32	.7
SH138	1-3/8	5/16 x 5/32	.7
SH1716	1-7/16	3/8 x 1/16	.7
SH112	1-1/2	3/8 x 1/16	.6
SH1916	1-9/16	3/8 x 1/16	.6
SH158	1-5/8	3/8 x 1/16	.5
SH11116	1-11/16	No KS	.5
<b>SDS BUSHINGS</b>			
SDSMPB	7/16	No KS	1.7
SDS12	1/2	1/8 x 1/16	1.7
SDS9/16	9/16	1/8 x 1/16	1.7
SDS58	5/8	3/16 x 3/32	1.6
SDS11/16	11/16	3/16 x 3/32	1.6
SDS34	3/4	3/16 x 3/32	1.6
SDS13/16	13/16	3/16 x 3/32	1.6
SDS78	7/8	3/16 x 3/32	1.5
SDS15/16	15/16	1/4 x 1/8	1.5
SDS1	1	1/4 x 1/8	1.5
SDS1116	1-1/16	1/4 x 1/8	1.4
SDS118	1-1/8	1/4 x 1/8	1.4
SDS1316	1-3/16	1/4 x 1/8	1.4
SDS114	1-1/4	1/4 x 1/8	1.3
SDS1516	1-5/16	5/16 x 5/32	1.3
SDS138	1-3/8	5/16 x 5/32	1.2
SDS13838KS	1-3/8	3/8 x 3/16	1.2
SDS1716	1-7/16	3/8 x 3/16	1.2
SDS112	1-1/2	3/8 x 3/16	1.1
SDS1916	1-9/16	3/8 x 3/16	1.1
SDS158	1-5/8	3/8 x 3/16	1.0
SDS11116	1-11/16	3/8 x 3/16	1.0
SDS134	1-3/4	3/8 x 1/8	1.0
SDS11316	1-13/16	1/2 x 1/8	.9
SDS178	1-7/8	1/2 x 1/16	.9
SDS11516	1-15/16	1/2 x 1/16	.8
SDS2	2	No KS	.7
<b>SD BUSHINGS</b>			
SDMPB	7/16	No KS	2.1
SD12	1/2	1/8 x 1/16	2.1
SD9/16	9/16	1/8 x 1/16	2.1
SD58	5/8	3/16 x 3/32	2.1
SD11/16	11/16	3/16 x 3/32	2.0

Product No.	Bore	Key Seat	Wt. (*)
<b>SD BUSHINGS (continued)</b>			
SD34	3/4	3/16 x 3/32	2.0
SD13/16	13/16	3/16 x 3/32	2.0
SD78	7/8	3/16 x 3/32	1.9
SD15/16	15/16	1/4 x 1/8	1.9
SD1	1	1/4 x 1/8	1.8
SD1116	1-1/16	1/4 x 1/8	1.8
SD118	1-1/8	1/4 x 1/8	1.7
SD1316	1-3/16	1/4 x 1/8	1.7
SD114	1-1/4	1/4 x 1/8	1.6
SD1516	1-5/16	5/16 x 5/32	1.6
SD138	1-3/8	5/16 x 5/32	1.5
SD13838KS	1-3/8	3/8 x 3/16	1.5
SD1716	1-7/16	3/8 x 3/16	1.4
SD112	1-1/2	3/8 x 3/16	1.4
SD1916	1-9/16	3/8 x 3/16	1.3
SD158	1-5/8	3/8 x 3/16	1.2
SD11116	1-11/16	3/8 x 3/16	1.2
SD134	1-3/4	3/8 x 1/8	1.1
SD11316	1-13/16	1/2 x 1/8	1.1
SD178	1-7/8	1/2 x 1/16	1.0
SD11516	1-15/16	1/2 x 1/16	.9
SD2	2	No KS	.8
<b>SK BUSHINGS</b>			
SKMPB	7/16	No KS	3.6
SK12	1/2	1/8 x 1/16	3.6
SK9/16	9/16	1/8 x 1/16	3.6
SK58	5/8	3/16 x 3/32	3.6
SK11/16	11/16	3/16 x 3/32	3.5
SK34	3/4	3/16 x 3/32	3.5
SK13/16	13/16	3/16 x 3/32	3.5
SK78	7/8	3/16 x 3/32	3.4
SK15/16	15/16	1/4 x 1/8	3.4
SK1	1	1/4 x 1/8	3.3
SK1116	1-1/16	1/4 x 1/8	3.3
SK118	1-1/8	1/4 x 1/8	3.2
SK1316	1-3/16	1/4 x 1/8	3.2
SK114	1-1/4	1/4 x 1/8	3.1
SK1516	1-5/16	5/16 x 5/32	3.1
SK151638KS	1-5/16	3/8 x 3/16	3.1
SK138	1-3/8	5/16 x 5/32	3.0
SK13838KS	1-3/8	3/8 x 3/16	3.0
SK1716	1-7/16	3/8 x 3/16	2.9
SK112	1-1/2	3/8 x 3/16	2.9
SK1916	1-9/16	3/8 x 3/16	2.8
SK158	1-5/8	3/8 x 3/16	2.7
SK11116	1-11/16	3/8 x 3/16	2.6
SK134	1-3/4	3/8 x 3/16	2.5
SK13412KS	1-3/4	1/2 x 1/4	2.5

\* Approximate weight in lbs.

MPB Bushings are unsplit.

(Continued—next page)



# SURE-GRIP BUSHINGS BORE AND KEYSEAT DIMENSIONS



(Inches)

Product No.	Bore	Key Seat	Wt. (*)
<b>SK BUSHINGS (continued)</b>			
SK11316	1-13/16	1/2 x 1/4	2.4
SK178	1-7/8	1/2 x 1/4	2.4
SK11516	1-15/16	1/2 x 1/4	2.3
SK2	2	1/2 x 1/4	2.2
SK2116	2-1/16	1/2 x 1/4	2.1
SK218	2-1/8	1/2 x 1/4	2.0
SK2316	2-3/16	1/2 x 1/8	2.0
SK214	2-1/4	1/2 x 1/8	1.9
SK21458KS	2-1/4	5/8 x 1/8	1.9
SK2516	2-5/16	5/8 x 1/16	1.8
SK238	2-3/8	5/8 x 1/16	1.7
SK2716	2-7/16	5/8 x 1/16	1.6
SK212	2-1/2	5/8 x 1/16	1.5
SK2916	2-9/16	No KS	1.3
SK258	2-5/8	No KS	1.1
<b>SF BUSHINGS</b>			
SFMPB	1/2	No KS	5.1
SF12	1/2	1/8 x 1/16	5.1
SF58	5/8	3/16 x 3/32	5.0
SF34	3/4	3/16 x 3/32	5.0
SF78	7/8	3/16 x 3/32	4.9
SF15/16	15/16	1/4 x 1/8	4.8
SF1	1	1/4 x 1/8	4.8
SF1116	1-1/16	1/4 x 1/8	4.7
SF118	1-1/8	1/4 x 1/8	4.7
SF1316	1-3/16	1/4 x 1/8	4.6
SF114	1-1/4	1/4 x 1/8	4.5
SF1516	1-5/16	5/16 x 5/32	4.5
SF138	1-3/8	5/16 x 5/32	4.4
SF13838KS	1-3/8	3/8 x 3/16	4.4
SF1716	1-7/16	3/8 x 3/16	4.3
SF112	1-1/2	3/8 x 3/16	4.2
SF1916	1-9/16	3/8 x 3/16	4.2
SF158	1-5/8	3/8 x 3/16	4.1
SF11116	1-11/16	3/8 x 3/16	4.0
SF134	1-3/4	3/8 x 3/16	3.9
SF11316	1-13/16	1/2 x 1/4	3.8
SF178	1-7/8	1/2 x 1/4	3.7
SF11516	1-15/16	1/2 x 1/4	3.6
SF2	2	1/2 x 1/4	3.5
SF2116	2-1/16	1/2 x 1/4	3.4
SF218	2-1/8	1/2 x 1/4	3.3
SF2316	2-3/16	1/2 x 1/4	3.2
SF214	2-1/4	1/2 x 1/4	3.1
SF21458KS	2-1/4	5/8 x 5/16	3.1
SF2516	2-5/16	5/8 x 3/16	3.1
SF238	2-3/8	5/8 x 3/16	3.0
SF2716	2-7/16	5/8 x 3/16	2.9
SF212	2-1/2	5/8 x 3/16	2.8
SF2916	2-9/16	5/8 x 1/16	2.6
SF258	2-5/8	5/8 x 1/16	2.5
SF21116	2-11/16	5/8 x 1/16	2.4
SF234	2-3/4	5/8 x 1/16	2.2
SF278	2-7/8	3/4 x 1/16	1.8
SF21516	2-15/16	3/4 x 1/32	1.7

Product No.	Bore	Key Seat	Wt. (*)
<b>E BUSHINGS</b>			
EMPB	7/8	No KS	10.8
E78	7/8	3/16 x 3/32	10.8
E15/16	15/16	1/4 x 1/8	10.8
E1	1	1/4 x 1/8	10.7
E118	1-1/8	1/4 x 1/8	10.6
E1316	1-3/16	1/4 x 1/8	10.5
E114	1-1/4	1/4 x 1/8	10.4
E1516	1-5/16	5/16 x 5/32	10.3
E138	1-3/8	5/16 x 5/32	10.2
E13838KS	1-3/8	3/8 x 3/16	10.2
E1716	1-7/16	3/8 x 3/16	10.1
E112	1-1/2	3/8 x 3/16	10.0
E1916	1-9/16	3/8 x 3/16	9.9
E158	1-5/8	3/8 x 3/16	9.8
E11116	1-11/16	3/8 x 3/16	9.7
E134	1-3/4	3/8 x 3/16	9.6
E11316	1-13/16	1/2 x 1/4	9.4
E178	1-7/8	1/2 x 1/4	9.3
E11516	1-15/16	1/2 x 1/4	9.2
E2	2	1/2 x 1/4	9.0
E2116	2-1/16	1/2 x 1/4	8.9
E218	2-1/8	1/2 x 1/4	8.8
E2316	2-3/16	1/2 x 1/4	8.6
E214	2-1/4	1/2 x 1/4	8.5
E21458KS	2-1/4	5/8 x 5/16	8.5
E2516	2-5/16	5/8 x 5/16	8.3
E238	2-3/8	5/8 x 5/16	8.1
E2716	2-7/16	5/8 x 5/16	8.0
E212	2-1/2	5/8 x 5/16	7.8
E2916	2-9/16	5/8 x 5/16	7.6
E258	2-5/8	5/8 x 5/16	7.5
E2116	2-11/16	5/8 x 5/16	7.3
E234	2-3/4	5/8 x 5/16	7.1
E21316	2-13/16	3/4 x 3/8	7.2
E278	2-7/8	3/4 x 3/8	7.1
E21516	2-15/16	3/4 x 1/8	6.9
E3	3	3/4 x 1/8	6.7
E318	3-1/8	3/4 x 1/8	6.3
E3316	3-3/16	3/4 x 1/8	6.0
E314	3-1/4	3/4 x 1/8	5.8
E3516	3-5/16	7/8 x 1/16	5.7
E338	3-3/8	7/8 x 1/16	5.5
E3716	3-7/16	7/8 x 1/16	5.2
E312	3-1/2	7/8 x 1/16	4.7
<b>F BUSHINGS</b>			
FMPB	1	No KS	17.9
F1	1	1/4 x 1/8	17.9
F118	1-1/8	1/4 x 1/8	17.7
F1316	1-3/16	1/4 x 1/8	17.6
F114	1-1/4	1/4 x 1/8	17.5
F138	1-3/8	5/16 x 5/32	17.2
F1716	1-7/16	3/8 x 3/16	17.1
F112	1-1/2	3/8 x 3/16	16.9
F1916	1-9/16	3/8 x 3/16	16.8
F158	1-5/8	3/8 x 3/16	16.7

Product No.	Bore	Key Seat	Wt. (*)
<b>F BUSHINGS (continued)</b>			
F134	1-3/4	3/8 x 3/16	16.3
F178	1-7/8	1/2 x 1/4	16.0
F11516	1-15/16	1/2 x 1/4	15.8
F2	2	1/2 x 1/4	15.6
F2116	2-1/16	1/2 x 1/4	15.4
F218	2-1/8	1/2 x 1/4	15.2
F2316	2-3/16	1/2 x 1/4	15.0
F214	2-1/4	1/2 x 1/4	14.8
F21458KS	2-1/4	5/8 x 5/16	14.8
F2516	2-5/16	5/8 x 5/16	14.5
F238	2-3/8	5/8 x 5/16	14.3
F2716	2-7/16	5/8 x 5/16	14.1
F212	2-1/2	5/8 x 5/16	13.9
F2916	2-9/16	5/8 x 5/16	13.7
F258	2-5/8	5/8 x 5/16	13.4
F21116	2-11/16	5/8 x 5/16	13.2
F234	2-3/4	5/8 x 5/16	12.9
F21316	2-13/16	3/4 x 3/8	12.6
F278	2-7/8	3/4 x 3/8	12.3
F21516	2-15/16	3/4 x 3/8	12.1
F3	3	3/4 x 3/8	11.8
F318	3-1/8	3/4 x 3/8	11.2
F3316	3-3/16	3/4 x 3/8	10.9
F314	3-1/4	3/4 x 3/8	10.6
F3516	3-5/16	7/8 x 3/16	11.0
F338	3-3/8	7/8 x 3/16	10.6
F3716	3-7/16	7/8 x 3/16	10.3
F312	3-1/2	7/8 x 3/16	10.0
F358	3-5/8	7/8 x 3/16	9.4
F31116	3-11/16	7/8 x 3/16	9.0
F334	3-3/4	7/8 x 3/16	8.7
F378	3-7/8	1 x 1/8	8.1
F31516	3-15/16	1 x 1/8	7.7
F4	4	No KS	6.9
<b>J BUSHINGS</b>			
JMPB	1-7/16	No KS	28.1
J1716	1-7/16	3/8 x 3/16	28.1
J112	1-1/2	3/8 x 3/16	28.0
J1916	1-9/16	3/8 x 3/16	27.8
J11116	1-11/16	3/8 x 3/16	27.4
J134	1-3/4	3/8 x 3/16	27.2
J178	1-7/8	1/2 x 1/4	26.7
J11516	1-15/16	1/2 x 1/4	26.5
J2	2	1/2 x 1/4	26.3
J218	2-1/8	1/2 x 1/4	25.8
J2316	2-3/16	1/2 x 1/4	25.6
J214	2-1/4	1/2 x 1/4	25.3
J2516	2-5/16	5/8 x 5/16	25.0
J238	2-3/8	5/8 x 5/16	24.7
J2716	2-7/16	5/8 x 5/16	24.5
J212	2-1/2	5/8 x 5/16	24.2
J258	2-5/8	5/8 x 5/16	23.6
J21116	2-11/16	5/8 x 5/16	23.3
J234	2-3/4	5/8 x 5/16	23.0
J278	2-7/8	3/4 x 3/8	22.2

\* Approximate weight in lbs.

MPB Bushings are unsplit.

(Continued—next page)



# SURE-GRIP BUSHINGS BORE AND KEYSEAT DIMENSIONS

(Inches)

Product No.	Bore	Key Seat	Wt. (*)
<b>J BUSHINGS (continued)</b>			
J21516	2-15/16	3/4 x 3/8	21.9
J3	3	3/4 x 3/8	21.6
J318	3-1/8	3/4 x 3/8	20.9
J3316	3-3/16	3/4 x 3/8	20.5
J314	3-1/4	3/4 x 3/8	20.1
J3516	3-5/16	7/8 x 7/16	19.6
J338	3-3/8	7/8 x 7/16	19.3
J3716	3-7/16	7/8 x 7/16	18.9
J312	3-1/2	7/8 x 7/16	18.5
J358	3-5/8	7/8 x 7/16	17.7
J31116	3-11/16	7/8 x 7/16	17.2
J334	3-3/4	7/8 x 7/16	16.8
J31316	3-13/16	1 x 1/2	17.4
J378	3-7/8	1 x 3/8	17.0
J31516	3-15/16	1 x 3/8	16.5
J4	4	1 x 1/8	16.1
J418	4-1/8	1 x 1/8	15.2
J4316	4-3/16	1 x 1/8	14.7
J414	4-1/4	1 x 1/8	14.2
J438	4-3/8	1 x 1/8	13.2
J4716	4-7/16	1 x 1/8	12.7
J412	4-1/2	1 x 1/8	12.2
<b>M BUSHINGS</b>			
M11516	1-15/16	1/2 x 1/4	63.7
M2	2	1/2 x 1/4	63.3
M2316	2-3/16	1/2 x 1/4	62.3
M214	2-1/4	1/2 x 1/4	61.9
M238	2-3/8	5/8 x 5/16	61.0
M2716	2-7/16	5/8 x 5/16	60.6
M212	2-1/2	5/8 x 5/16	60.1
M258	2-5/8	5/8 x 5/16	59.3
M21116	2-11/16	5/8 x 5/16	58.8
M234	2-3/4	5/8 x 5/16	58.3
M278	2-7/8	3/4 x 3/8	57.2
M21516	2-15/16	3/4 x 3/8	56.7
M3	3	3/4 x 3/8	56.2
M318	3-1/8	3/4 x 3/8	55.2
M3316	3-3/16	3/4 x 3/8	54.6
M314	3-1/4	3/4 x 3/8	54.1
M338	3-3/8	7/8 x 7/16	52.8
M3716	3-7/16	7/8 x 7/16	52.2
M312	3-1/2	7/8 x 7/16	51.6
M358	3-5/8	7/8 x 7/16	50.4
M31116	3-11/16	7/8 x 7/16	49.7
M334	3-3/4	7/8 x 7/16	49.1
M378	3-7/8	1 x 1/2	47.6
M31516	3-15/16	1 x 1/2	46.9
M4	4	1 x 1/2	46.2
M418	4-1/8	1 x 1/2	44.8
M4316	4-3/16	1 x 1/2	44.1
M414	4-1/4	1 x 1/2	43.4
M438	4-3/8	1 x 1/2	41.9
M4716	4-7/16	1 x 1/2	41.2

Product No.	Bore	Key Seat	Wt. (*)
<b>M BUSHINGS (continued)</b>			
M412	4-1/2	1 x 1/2	40.4
M41116	4-11/16	1-1/4 x 5/8	37.5
M434	4-3/4	1-1/4 x 5/8	36.7
M478	4-7/8	1-1/4 x 1/4	37.8
M41516	4-15/16	1-1/4 x 1/4	37.0
M5	5	1-1/4 x 1/4	36.1
M5316	5-3/16	1-1/4 x 1/4	33.5
M514	5-1/4	1-1/4 x 1/4	32.6
M5716	5-7/16	1-1/4 x 1/4	29.9
M512	5-1/2	1-1/4 x 1/4	28.9
<b>N BUSHINGS</b>			
N21516	2-15/16	3/4 x 3/8	84.1
N3	3	3/4 x 3/8	83.5
N338	3-3/8	7/8 x 7/16	79.3
N3716	3-7/16	7/8 x 7/16	78.6
N312	3-1/2	7/8 x 7/16	77.9
N358	3-5/8	7/8 x 7/16	76.4
N334	3-3/4	7/8 x 7/16	74.9
N378	3-7/8	1 x 1/2	73.1
N31516	3-15/16	1 x 1/2	72.3
N4	4	1 x 1/2	71.5
N4316	4-3/16	1 x 1/2	68.9
N414	4-1/4	1 x 1/2	68.1
N438	4-3/8	1 x 1/2	66.3
N4716	4-7/16	1 x 1/2	65.4
N412	4-1/2	1 x 1/2	64.5
N458	4-5/8	1-1/4 x 5/8	62.0
N434	4-3/4	1-1/4 x 5/8	60.0
N478	4-7/8	1-1/4 x 5/8	58.1
N41516	4-15/16	1-1/4 x 5/8	57.0
N5	5	1-1/4 x 5/8	56.0
N5316	5-3/16	1-1/4 x 1/4	56.1
N5716	5-7/16	1-1/4 x 1/4	51.7
N512	5-1/2	1-1/4 x 1/4	50.6
N578	5-7/8	1-1/2 x 1/4	44.3
N51516	5-15/16	1-1/2 x 1/8	43.9
<b>P BUSHINGS</b>			
P21516	2-15/16	3/4 x 3/8	141.2
P314	3-1/4	3/4 x 3/8	137.6
P3716	3-7/16	7/8 x 7/16	134.9
P312	3-1/2	7/8 x 7/16	134.1
P358	3-5/8	7/8 x 7/16	132.4
P334	3-3/4	7/8 x 7/16	130.6
P378	3-7/8	1 x 1/2	128.5
P31516	3-15/16	1 x 1/2	127.6
P4	4	1 x 1/2	126.7
P414	4-1/4	1 x 1/2	122.7
P438	4-3/8	1 x 1/2	120.7
P4716	4-7/16	1 x 1/2	119.6
P412	4-1/2	1 x 1/2	118.6
P458	4-5/8	1-1/4 x 5/8	115.7
P41116	4-11/16	1-1/4 x 5/8	114.6

Product No.	Bore	Key Seat	Wt. (*)
<b>P BUSHINGS (continued)</b>			
P434	4-3/4	1-1/4 x 5/8	113.5
P478	4-7/8	1-1/4 x 5/8	111.2
P41516	4-15/16	1-1/4 x 5/8	110.0
P5	5	1-1/4 x 5/8	108.8
P5316	5-3/16	1-1/4 x 5/8	105.2
P514	5-1/4	1-1/4 x 5/8	103.9
P5516	5-5/16	1-1/4 x 5/8	102.7
P538	5-3/8	1-1/4 x 5/8	101.4
P5716	5-7/16	1-1/4 x 5/8	100.1
P512	5-1/2	1-1/4 x 5/8	98.8
P534	5-3/4	1-1/2 x 3/4	98.1
P578	5-7/8	1-1/2 x 3/4	95.3
P51516	5-15/16	1-1/2 x 3/4	93.9
P6	6	1-1/2 x 1/4	92.5
P6116	6-1/16	1-1/2 x 1/4	91.0
P614	6-1/4	1-1/2 x 1/4	86.6
P6716	6-7/16	1-1/2 x 1/4	83.5
P612	6-1/2	1-1/2 x 1/4	80.5
P634	6-3/4	1-3/4 x 1/8	74.7
P7	7	1-3/4 x 1/8	68.1
<b>W BUSHINGS</b>			
W414MPB	4-1/4	...	247.0
W478MPB	4-7/8	...	234.0
W514MPB	5-1/4	...	225.0
W578MPB	5-7/8	...	209.0
W612MPB	6-1/2	...	191.0
W714MPB	7-1/4	...	167.0
<b>S BUSHINGS</b>			
S6MPB	6	...	445.0
S8MPB	8	...	356.0
S9MPB	9	...	301.0

MPB bushings are unsplit.

\* Approximate weight in lbs.

# SURE-GRIP BUSHINGS (INCHES) WITH METRIC BORE AND KEYSEAT



## BORE AND KEY INFORMATION

Product No.	Bore (mm)	Key ■	Wt. (*)
<b>QT BUSHINGS</b>			
QT14MM	14	5 x 5	.6
QT15MM	15	5 x 5	.6
QT16MM	16	5 x 5	.6
QT18MM	18	6 x 6	.6
QT19MM	19	6 x 6	.6
QT20MM	20	6 x 6	.6
QT22MM	22	6 x 6	.6
QT24MM	24	8 x 7	.6
QT25MM	25	8 x 7	.6
QT28MM	28	8 x 7	.6
QT30MM	30	8 x 7	.6
QT32MM	32	10 x 6†	.6
QT35MM	35	10 x 6†	.6
QT38MM	38	10 x 6†	.6

Product No.	Bore (mm)	Key ■	Wt. (*)
<b>JA BUSHINGS</b>			
JA15MM	15	5 x 5	.8
JA16MM	16	5 x 5	.8
JA19MM	19	6 x 6	.8
JA20MM	20	6 x 6	.8
JA24MM	24	8 x 6†	.8
JA25MM	25	8 x 6†	.8
JA28MM	28	8 x 5†	.8

Product No.	Bore (mm)	Key ■	Wt. (*)
<b>SH BUSHINGS</b>			
SH24MM	24	8 x 7	.9
SH25MM	25	8 x 7	.9
SH28MM	28	8 x 7	.9
SH30MM	30	8 x 7	.8
SH32MM	32	10 x 8	.8
SH35MM	35	10 x 8	.7

Product No.	Bore (mm)	Key ■	Wt. (*)
<b>SDS BUSHINGS</b>			
SDS24MM	24	8 x 7	1.5
SDS25MM	25	8 x 7	1.5
SDS28MM	28	8 x 7	1.4
SDS30MM	30	8 x 7	1.4
SDS32MM	32	10 x 8	1.3
SDS35MM	35	10 x 8	1.2
SDS38MM	38	10 x 8	1.1
SDS40MM	40	12 x 8	1.1
SDS42MM	42	12 x 8	1.0

Product No.	Bore (mm)	Key ■	Wt. (*)
<b>SD BUSHINGS</b>			
SD24MM	24	8 x 7	1.8
SD25MM	25	8 x 7	1.8
SD28MM	28	8 x 7	1.7
SD30MM	30	8 x 7	1.7
SD32MM	32	10 x 8	1.6
SD35MM	35	10 x 8	1.5
SD38MM	38	10 x 8	1.4
SD40MM	40	12 x 8	1.3
SD42MM	42	12 x 8	1.2

Product No.	Bore (mm)	Key ■	Wt. (*)
<b>SK BUSHINGS</b>			
SK24MM	24	8 x 7	3.3
SK25MM	25	8 x 7	3.3
SK28MM	28	8 x 7	3.2
SK30MM	30	8 x 7	3.2
SK32MM	32	10 x 8	3.1
SK35MM	35	10 x 8	3.0
SK38MM	38	10 x 8	2.9
SK40MM	40	12 x 8	3.6
SK42MM	42	12 x 8	2.7
SK45MM	45	14 x 9	2.6
SK48MM	48	14 x 9	2.4
SK50MM	50	14 x 9	2.3
SK55MM	55	16 x 10	2.0

Product No.	Bore (mm)	Key ■	Wt. (*)
<b>SF BUSHINGS</b>			
SF28MM	28	8 x 7	4.7
SF30MM	30	8 x 7	4.6
SF32MM	32	10 x 8	4.5
SF35MM	35	10 x 8	4.4
SF38MM	38	10 x 8	4.2
SF40MM	40	12 x 8	4.2
SF42MM	42	12 x 8	4.1
SF45MM	45	14 x 9	3.9
SF48MM	48	14 x 9	3.7
SF50MM	50	14 x 9	3.6
SF55MM	55	16 x 10	3.2
SF60MM	60	18 x 11	3.0
SF65MM	65	18 x 8 †	2.6

Product No.	Bore (mm)	Key ■	Wt. (*)
<b>E BUSHINGS</b>			
E35MM	35	10 x 8	10.2
E38MM	38	10 x 8	10.0
E40MM	40	12 x 8	9.9
E42MM	42	12 x 8	9.8
E45MM	45	14 x 9	9.6
E48MM	48	14 x 9	9.3
E50MM	50	14 x 9	9.2
E55MM	55	16 x 10	8.6
E60MM	60	18 x 11	8.1
E65MM	65	18 x 11	7.6
E70MM	70	20 x 12	7.1
E75MM	75	20 x 12	6.9
E80MM	80	22 x 11†	6.3

Product No.	Bore (mm)	Key ■	Wt. (*)
<b>F BUSHINGS</b>			
F45MM	45	14 x 9	16.2
F48MM	48	14 x 9	16.0
F50MM	50	14 x 9	15.8
F55MM	55	16 x 10	15.0
F60MM	60	18 x 11	14.3
F65MM	65	18 x 11	13.7
F70MM	70	20 x 12	12.9
F75MM	75	20 x 12	12.1
F80MM	80	22 x 14	11.2
F85MM	85	22 x 14	10.6
F90MM	90	25 x 14	9.7

Product No.	Bore (mm)	Key ■	Wt. (*)
<b>J BUSHINGS</b>			
J50MM	50	14 x 9	26.5
J55MM	55	16 x 10	25.6
J60MM	60	18 x 11	24.7
J65MM	65	18 x 11	23.9
J70MM	70	20 x 12	23.0
J75MM	75	20 x 12	21.9
J80MM	80	22 x 14	20.9
J85MM	85	22 x 14	19.3
J90MM	90	25 x 14	18.1
J95MM	95	25 x 14	16.8
J100MM	100	28 x 16	16.5

Product No.	Bore (mm)	Key ■	Wt. (*)
<b>M BUSHINGS</b>			
M80MM	80	22 x 14	55.0
M90MM	90	25 x 14	51.2
M100MM	100	28 x 16	46.9
M120MM	120	32 x 18	37.0

Product No.	Bore (mm)	Key ■	Wt. (*)
<b>N BUSHINGS</b>			
N100MM	100	28 x 16	72.3
N120MM	120	32 x 18	60.2

Product No.	Bore (mm)	Key ■	Wt. (*)
<b>P BUSHINGS</b>			
P150MM	150	36 x 20	95.8

• Approximate weight in lbs.

■ The metric system does not refer to keyseat or keyway dimensions as does the English system; instead, dimensions are given for the key itself, which is rectangular in shape and not square as in the English system. This meets ISO standards.

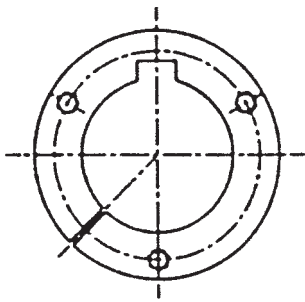
† SHALLOW KEY FURNISHED



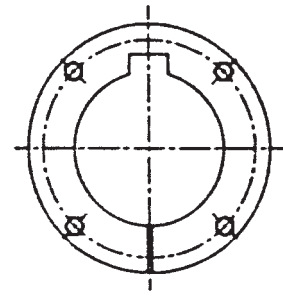
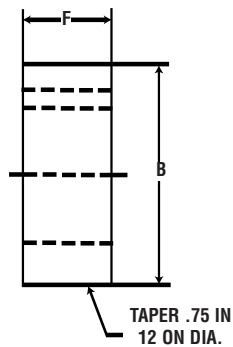
## “L” SERIES FLANGELESS BUSHINGS

Bush.	Torque Capacity (In.-Lbs.)	Type Material	Max. Bore (In.)	Max. Bore† (mm)	Dimensions in Inches		Bolt Circle	Capscrews Required
					B	F		
SKL	7,000	D.I.	1-15/16	50	2.8125	1-1/8	2-3/8	3-1/4 x 1-1/2
SFL	11,000	D.I.	2-3/8	60	3.1250	1-1/8	2-3/4	4-1/4 x 1-1/2
EL	20,000	D.I.	2-7/8	73	3.8340	1-1/2	3-3/8	4-5/16 x 1-3/4
FL	45,000	D.I.	3-1/8	80	4.4375	2-3/8	3-3/4	4-3/8 x 2

† MAX BORE WITH STANDARD KEYSEAT.



**BUSHING  
SKL**



**BUSHINGS  
SFL TO FL**

Patent No. 5304101

### To Install:

#### IMPORTANT: DO NOT USE LUBRICANTS IN THIS INSTALLATION

1. Inspect shafts, bushing, and mating hub. Remove all nicks, paint, dirt, grease, etc. from mating surfaces.
2. Place key in shaft's keyseat.
3. Slide bushing onto shaft and key. **Small End of Taper Must Be Outboard.**
4. Slide tapered mating hub over bushing. Align (1) the shaft key with one of the slots in the mating hub and (2) the drilled holes in mating hub with the threaded holes in the bushing.
5. Put lockwashers on cap screws and insert one cap screw thru each drilled hole in the mating hub and into the threaded hole in the bushing.
6. **Use a Torque Wrench.** Tighten all cap screws evenly and progressively in rotation. Torque around all the cap screws as often as necessary until the listed torque value remains on each cap screw.

BUSHING	TORQUE (Ft.-Lbs.)
SKL	15
SFL	15
EL	30
FL	55

**CAUTION**  
The use of lubricants or excessive wrench torques may cause hub stresses high enough to break the mating hub!

### To Remove:

1. Loosen and remove all cap screws from assembly.
2. Install one cap screw in each threaded hole in the mating hub.
3. Evenly torque each cap screw in rotation to force the mating hub off the bushing.

# SURE-GRIP BUSHINGS BORE AND KEYSEAT DIMENSIONS



## “L” SERIES FLANGELESS BUSHINGS

(Inches)

Product No.	Bore	Key Seat	Wt. (*)
<b>SKL BUSHINGS</b>			
SKLMPB	1/2	MPB*	1.7
SKL12	1/2	1/8 x 1/16	1.7
SKL58	5/8	3/16 x 3/32	1.7
SKL34	3/4	3/16 x 3/32	1.6
SKL78	7/8	3/16 x 3/32	1.6
SKL15/16	15/16	1/4 x 1/8	1.6
SKL1	1	1/4 x 1/8	1.6
SKL118	1-1/8	1/4 x 1/8	1.5
SKL1316	1-3/16	1/4 x 1/8	1.4
SKL114	1-1/4	1/4 x 1/8	1.4
SKL1516	1-5/16	5/16 x 5/32	1.3
SKL138	1-3/8	5/16 x 5/32	1.3
SKL1716	1-7/16	3/8 x 3/16	1.2
SKL112	1-1/2	3/8 x 3/16	1.2
SKL1916	1-9/16	3/8 x 3/16	1.2
SKL158	1-5/8	3/8 x 3/16	1.1
SKL11116	1-11/16	3/8 x 3/16	1.1
SKL134	1-3/4	3/8 x 3/16	1.0
SKL11316	1-13/16	1/2 x 1/4	1.0
SKL178	1-7/8	1/2 x 1/4	.9
SKL11516	1-15/16	1/2 x 1/4	.8

\* Approximate weight in lbs.

MPB bushings are unsplit.

Product No.	Bore	Key Seat	Wt. (*)
<b>SFL BUSHINGS</b>			
SFLMPB	1/2	MPB*	2.1
SFL12	1/2	1/8 x 1/16	2.1
SFL58	5/8	3/16 x 3/32	2.1
SFL34	3/4	3/16 x 3/32	2.0
SFL78	7/8	3/16 x 3/32	2.0
SFL15/16	15/16	1/4 x 1/8	2.0
SFL1	1	1/4 x 1/8	2.0
SFL118	1-1/8	1/4 x 1/8	1.9
SFL1316	1-3/16	1/4 x 1/8	1.8
SFL114	1-1/4	1/4 x 1/8	1.8
SFL1516	1-5/16	5/16 x 5/32	1.7
SFL138	1-3/8	5/16 x 5/32	1.7
SFL1716	1-7/16	3/8 x 3/16	1.6

Product No.	Bore	Key Seat	Wt. (*)
<b>SFL BUSHINGS</b>			
SFL112	1-1/2	3/8 x 3/16	1.6
SFL1916	1-9/16	3/8 x 3/16	1.5
SFL158	1-5/8	3/8 x 3/16	1.5
SFL11116	1-11/16	3/8 x 3/16	1.4
SFL134	1-3/4	3/8 x 3/16	1.4
SFL11316	1-13/16	1/2 x 1/4	1.4
SFL178	1-7/8	1/2 x 1/4	1.3
SFL11516	1-15/16	1/2 x 1/4	1.3
SFL2	2	1/2 x 1/4	1.2
SFL218	2-1/8	1/2 x 1/4	1.1
SFL2316	2-3/16	1/2 x 1/4	1.0
SFL214	2-1/4	1/2 x 1/4	1.0
SFL2516	2-5/16	5/8 x 5/16	.9
SFL238	2-3/8	5/8 x 5/16	.9

Product No.	Bore	Key Seat	Wt. (*)
<b>EL BUSHINGS</b>			
ELMPB	7/8	MPB*	4.1
EL78	7/8	3/16 x 3/32	4.1
EL15/16	15/16	1/4 x 1/8	4.0
EL1	1	1/4 x 1/8	3.9
EL118	1-1/8	1/4 x 1/8	3.8
EL1316	1-3/16	1/4 x 1/8	3.8
EL114	1-1/4	1/4 x 1/8	3.7
EL1516	1-5/16	5/16 x 5/32	3.6
EL138	1-3/8	5/16 x 5/32	3.6
EL1716	1-7/16	3/8 x 3/16	3.5
EL112	1-1/2	3/8 x 3/16	3.5
EL1916	1-9/16	3/8 x 3/16	3.4
EL158	1-5/8	3/8 x 3/16	3.4
EL11116	1-11/16	3/8 x 3/16	3.3
EL134	1-3/4	3/8 x 3/16	3.2
EL11316	1-13/16	1/2 x 1/4	3.2
EL178	1-7/8	1/2 x 1/4	3.1
EL11516	1-15/16	1/2 x 1/4	3.0
EL2	2	1/2 x 1/4	3.0
EL218	2-1/8	1/2 x 1/4	2.9
EL2316	2-3/16	1/2 x 1/4	2.8
EL214	2-1/4	1/2 x 1/4	2.7
EL2516	2-5/16	5/8 x 5/16	2.6
EL238	2-3/8	5/8 x 5/16	2.5
EL2716	2-7/16	5/8 x 5/16	2.4

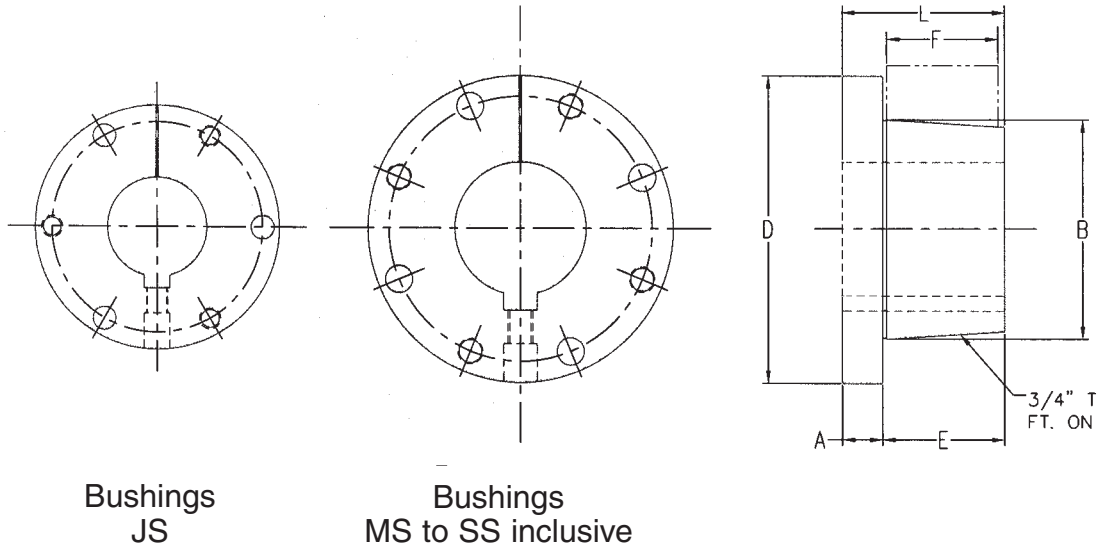
Product No.	Bore	Key Seat	Wt. (*)
<b>EL BUSHINGS</b>			
EL212	2-1/2	5/8 x 5/16	2.3
EL2916	2-9/16	5/8 x 5/16	2.3
EL258	2-5/8	5/8 x 5/16	2.2
EL21116	2-11/16	5/8 x 5/16	2.1
EL234	2-3/4	5/8 x 5/16	2.0
EL21316	2-13/16	3/4 x 3/8	1.9
EL278	2-7/8	3/4 x 3/8	1.8

Product No.	Bore	Key Seat	Wt. (*)
<b>FL BUSHINGS</b>			
FLMPB	1	MPB*	8.5
FL1	1	1/4 x 1/8	8.5
FL118	1-1/8	1/4 x 1/8	8.3
FL1316	1-3/16	1/4 x 1/8	8.2
FL114	1-1/4	1/4 x 1/8	8.1
FL138	1-3/8	5/16 x 5/32	8.0
FL1716	1-7/16	3/8 x 3/16	7.9
FL112	1-1/2	3/8 x 3/16	7.8
FL1916	1-9/16	3/8 x 3/16	7.6
FL158	1-5/8	3/8 x 3/16	7.5
FL11116	1-11/16	3/8 x 3/16	7.4
FL134	1-3/4	3/8 x 3/16	7.3
FL178	1-7/8	1/2 x 1/4	7.1
FL11516	1-15/16	1/2 x 1/4	7.0
FL2	2	1/2 x 1/4	6.7
FL218	2-1/8	1/2 x 1/4	6.6
FL2316	2-3/16	1/2 x 1/4	6.5
FL214	2-1/4	1/2 x 1/4	6.4
FL2516	2-5/16	5/8 x 5/16	6.3
FL238	2-3/8	5/8 x 5/16	6.2
FL2716	2-7/16	5/8 x 5/16	6.1
FL212	2-1/2	5/8 x 5/16	5.9
FL2916	2-9/16	5/8 x 5/16	5.7
FL258	2-5/8	5/8 x 5/16	5.6
FL21116	2-11/16	5/8 x 5/16	5.4
FL234	2-3/4	5/8 x 5/16	5.3
FL21316	2-13/16	3/4 x 3/8	5.1
FL278	2-7/8	3/4 x 3/8	4.9
FL21516	2-15/16	3/4 x 3/8	4.8
FL3	3	3/4 x 3/8	4.6
FL318	3-1/8	3/4 x 3/8	4.5



# SURE-GRIP SHORT BUSHING DIMENSIONS

Sure-Grip bushings are designed to transmit the rated torque capacity listed in the table below when the cap screws are tightened as indicated. The bushings are stocked in all popular bore sizes, including metric bores, within bore range for a particular bushing.



## SURE-GRIP SHORT BUSHING TORQUE RATINGS AND DIMENSIONS

Bush.	Torque Capacity (In.-Lbs.)	Max Bore	DIMENSIONS IN INCHES					Bolt Circle	Cap Screws Required
			A	B	D	E	L		
JS	55,000	4-1/2	1	5.1484	7-1/4	2-3/8	3-3/8	6-1/4	3-5/8 x 2-1/2
MS	125,000	5-1/2	1-3/16	6.500	9-1/8	3-5/8	4-13/16	7-7/8	4-3/4 x 3
NS	150,000	6	1-1/2	7.000	10	4-1/2	6	8-1/2	4-7/8 x 3-1/2
PS	250,000	7	1-1/2	8.250	11-3/4	5	6-1/2	10	4 - 1 x 4
WS	375,000	8-1/2	1-3/4	10.437	15	5-1/2	7-1/4	12-3/4	4 - 1-1/8 x 5
SS	625,000	10	2	12.125	17-3/4	6-3/4	8-3/4	15	5 - 1-1/4 x 5

Setscrew not standard – Available as alteration.

See page A1-11 for Bore and Keyseat information and weights.

# SURE-GRIP SHORT BUSHINGS BORE AND KEYSEAT DIMENSIONS



(Inches)

Product No.	Bore	Key Seat	Wt. (*)
<b>JS BUSHINGS</b>			
JS2716	2- 7/16	5/8 X 5/16	20.0
JS21516	2-15/16	3/4 X 3/8	18.1
JS3716	3- 7/16	7/8 X 7/16	15.9
JS31516	3-15/16	1 X 1/4	14.3
JS4716	4- 7/16	1 X 1/8	11.5

Product No.	Bore	Key Seat	Wt. (*)
<b>MS BUSHINGS</b>			
MS3716	3- 7/16	7/8 X 7/16	41.2
MS31516	3-15/16	1 X 1/2	37.3
MS4716	4- 7/16	1 X 1/2	33.3
MS41516	4-15/16	1-1/4 X 1/4	30.9
MS5716	5- 7/16	1-1/4 X 1/4	25.9

Product No.	Bore	Key Seat	Wt. (*)
<b>NS BUSHINGS</b>			
NS31516	3-15/16	1 X 1/2	66.3
NS4716	4- 7/16	1 X 1/2	52.5
NS41516	4-15/16	1-1/4 X 5/8	46.5
NS5716	5- 7/16	1-1/4 X 1/4	43.9
NS51516	5-15/16	1-1/2 X 1/8	39.0
NS6	6	1-1/2 X 1/8	38.8

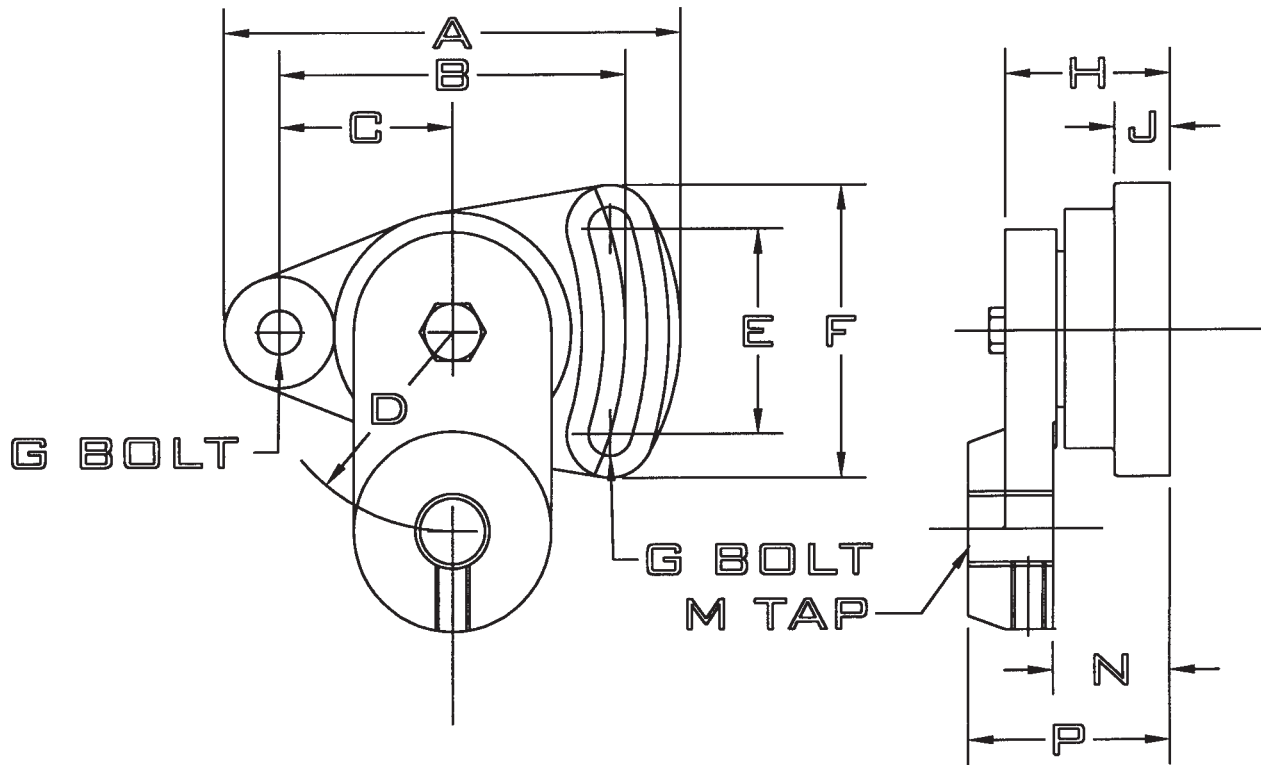
Product No.	Bore	Key Seat	Wt. (*)
<b>PS BUSHINGS</b>			
PS41516	4-15/16	1-1/4 X 5/8	88.3
PS5716	5- 7/16	1-1/4 X 5/8	81.3
PS51516	5-15/16	1-1/2 X 3/4	78.4
PS6	6	1-1/2 X 3/4	77.4
PS6716	6- 7/16	1-1/2 X 1/2	70.0
PS612	6- 1/2	1-1/2 X 1/2	69.0
PS61516	6-15/16	1-3/4 X 1/8	61.3
PS7	7	1-3/4 X 1/8	60.4

Product No.	Bore	Key Seat	Wt. (*)
<b>WS BUSHINGS</b>			
WS5716	5- 7/16	1-1/4 X 5/8	172.3
WS51516	5-15/16	1-1/2 X 3/4	161.1
WS6716	6- 7/16	1-1/2 X 3/4	155.0
WS612	6- 1/2	1-1/2 X 3/4	153.0
WS61516	6-15/16	1-3/4 X 3/4	140.0
WS7	7	1-3/4 X 3/4	139.0
WS712	7- 1/2	1-3/4 X 3/4	137.0
WS71516	7-15/16	2 X 3/4	126.9
WS8	8	2 X 3/4	124.0
WS8716	8- 7/16	2 X 1/4	107.3
WS812	8- 1/2	2 X 1/4	105.0

\* Approximate weight in lbs.



# DOUBLE ADJUSTMENT TENSIONER BELT DRIVE OR CHAIN TENSIONER



Product Number	DIMENSIONS IN INCHES												Weight Lbs.
	A	B	C	D	E	F	G	H	J	M	N	P	
DAM	4.62	3.50	1.75	2.00	2.06	3.06	.375	1.63	.62	3/4-10	1.16	2.01	3.0
DAL	6.94	5.25	2.63	5.00	3.00	4.56	.625	2.38	.88	1"-8	1.68	2.94	9.5

The Double Adjustment tensioner (Type DA) permits a full 360 degree rotation of the idler. A second adjustment is obtained by the long slot in the base. The arm is locked in place with an ingenious use of a tapered fit. Tensioning of a drive should follow the installation guideline for the type of drive in question.

# SURE-GRIP IDLER BUSHINGS

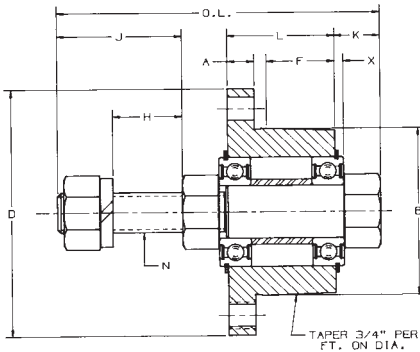


## FOR USE WITH SHEAVES, PULLEYS, SPROCKETS, GEARS OR OTHER PRODUCTS DESIGNED FOR QD-TYPE BUSHINGS



Wood's Sure-Grip Idler Bushings are designed to accommodate stock V-belt sheaves, flat-belt or Timing-belt pulleys, roller or silent chain sprockets, gears or other products that use QD\*-type bushings. They are equipped with two, permanently lubricated, ball-bearing units for long, smooth, trouble-free performance. Installation is made simply by slipping the threaded shaft through a hole bored in the support structure and tightening the locking nut. Sheaves, pulleys or other products can be removed without dismantling the idler bushing. These idler units are available with SH, SD, SK, SF or E Sure-Grip bushings. Wood's Sure-Grip bushings are of the most widely used, tapered, interchangeable type.

\* U.S.T.M. Reg. No. 403,470    Can. T.M. Reg. No. 113,711



Product No.	DIMENSIONS											Wt. (Lbs.)
	A	B	D	F	H	J	K	L	N	O.L.	X	
SHBB	0.38	1.871	2.69	0.75	.53	0.98	0.44	1.25	1/2-13NC	3.13	.12	1.5
SDBB	0.44	2.187	3.19	1.25	.72	1.17	0.44	1.81	1/2-13NC	3.88	.12	2.5
SDBB58	0.44	2.187	3.19	1.25	.57	1.12	0.44	1.81	5/8-11NC	3.88	.12	2.7
SKBB	0.50	2.812	3.88	1.25	.85	1.42	0.62	1.88	3/4-10NC	4.50	.14	4.5
SFBB	0.50	3.125	4.63	1.38	.73	1.29	0.62	2.00	3/4-10NC	4.50	.14	8.0
SFBB1	0.50	3.125	4.63	1.38	1.08	1.91	0.62	2.00	1"-8NC	5.25	.14	8.6
EBB	0.75	3.834	6.00	1.63	1.11	2.30	0.97	2.63	1-3/8-6NC	6.88	.19	12.0

### Equivalent Load Rating (lbs.)

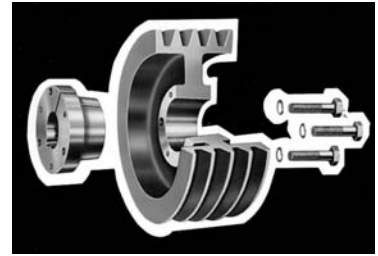
Hours Life	Product No.	Basic Rating	RPM					
			500	1000	2000	3000	4000	5000
1000	SHBB	3320	1068	848	673	588	534	496
	SKBB	4860	1564	1241	985	861	782	726
	SFBB	4860	1564	1241	985	861	782	726
	EBB	10100	3250	2580	2048	1789	1625	1509
2000	SHBB	3320	848	673	534	467	424	394
	SDBB	3320	848	673	534	467	424	394
	SKBB	4860	1241	985	782	683	621	576
	SFBB	4860	1241	985	782	683	621	576
6000	EBB	10100	2580	2048	1625	1420	1290	1197
	SHBB	3320	588	467	370	324	294	273
	SDBB	3320	588	467	370	324	294	273
	SKBB	4860	861	683	542	474	430	400
	SFBB	4860	861	683	542	474	430	400
	EBB	10100	1789	1420	1127	984	894	830

**Note:** The basic rating is the maximum dynamic radial load which will allow a 90% survival rate when running at 33-1/3 RPM for 500 hours.

$$\text{Equivalent Rating} = \sqrt[3]{\frac{\text{Basic Rating}}{\text{Hours} \times 60 \times \text{RPM} / 1,000,000}}$$

$$\text{Hours} = \frac{\text{Basic Rating}^3 \times 1,000,000}{\text{Load (Lbs)}^3 \times 60 \times \text{RPM}}$$

# SURE-GRIP BRUSHINGS INSTALLATION INSTRUCTIONS



The Sure-Grip tapered, QD-type interchangeable bushing offers flexible and easy installation while providing exceptional holding power. To ensure that the bushing performs as specified, it must be installed properly.

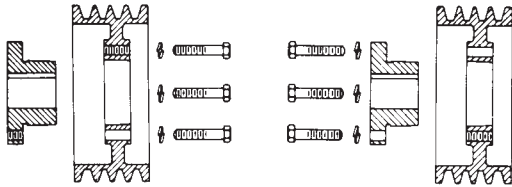
Before beginning, make sure the correct size and quantity of parts are available for the installation. The bushing has been manufactured to accept a setscrew over the key and its use is optional. It is packaged with the hardware on sizes SH to M and loosely installed in the bushing on sizes N to S.

## To Install:

### IMPORTANT:

#### DO NOT USE LUBRICANTS IN THIS INSTALLATION!

1. Inspect the tapered bore of the sheave and the tapered surface of the bushing. Any paint, dirt, oil, or grease **MUST** be removed.
2. Select the type of mounting (See Fig. 1 or 2) that best suits your application.



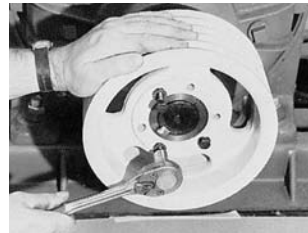
3. **STANDARD MOUNTING:** Install shaft key. (Note: If key was furnished with bushing, you must use that key.) Install bushing on clean shaft, flange end first. If bushing will not freely slide on the shaft, insert a screwdriver or similar object into the flange sawcut to act as a wedge to open the bushing's bore. **Caution: Excessive wedging will split the bushing.** If using the setscrew, tighten it just enough to prevent the bushing from sliding on the shaft. **Caution: Do not over-tighten setscrew!** Slide sheave into position on bushing aligning the drilled holes in the sheave with the tapped holes in the bushing flange. (Note: Install M thru S bushings so that the two tapped holes in the sheave are located as far away as possible from the bushing's sawcut.) Loosely thread the capscrews with lockwashers into the assembly. **DO NOT USE LUBRICANT ON THE CAPSCREWS!**

4. **REVERSE MOUNTING:** With large end of the taper out, slide sheave onto shaft as far as possible. Install shaft key. (See shaft key note in #3 above.) Install bushing onto shaft so tapered end will mate with sheave. (See wedging note in #3 above.) If using the setscrew, tighten it enough to prevent the bushing from sliding on the shaft. **Caution: Do not over-tighten setscrew!** Pull the sheave up on the bushing, aligning the drilled holes in the bushing flange with the tapped holes in the sheave. Loosely thread the capscrews with lockwashers into the assembly. **DO NOT USE LUBRICANT ON THE CAPSCREWS!**

5. Using a torque wrench, tighten all capscrews evenly and progressively in rotation to the torque value in Table. There must be a gap between the bushing flange and sheave hub when installation is complete. **DO NOT OVER-TORQUE! DO NOT ATTEMPT TO CLOSE GAP BETWEEN BUSHING FLANGE AND SHEAVE HUB!**

## To Remove:

1. Relieve drive tension by shortening the center distance between driver and driven sheaves.
2. Lift off belts.
3. Loosen and remove cap screws. If the bushings have keyway setscrews, loosen them.
4. As shown below, insert cap screws (three in JA through J bushings, two in QT and M thru W bushings and four in S bushing) in tapped removal holes and progressively tighten each one until mating part is loose on bushing. (Exception: If mating part is installed with cap screw heads next to motor, with insufficient room to insert screws in tapped holes, loosen cap screws and use wedge between bushing flange and mating part.)
5. Remove mating part from bushing and, if necessary, bushing from shaft.



### SURE-GRIP BRUSHINGS SCREW TIGHTENING INFORMATION

Tapered Bushing	Size & Thread of Cap Screw	Ft.-Lbs. To Apply With Torque Wrench
QT	1/4 x 20	9
JA	No. 10 – 24	5
SH-SDS-SD	1/4 – 20	9
SK	5/16 – 18	15
SF	3/8 – 16	30
E	1/2 – 13	60
F	9/16 – 12	110
J	5/8 – 11	135
M	3/4 – 10	225
MS	3/4 – 10	150
N	7/8 – 9	300
NS	7/8 – 9	200
P	1 – 8	450
PS	1 – 8	300
W	1-1/8 – 7	600
WS	1-1/8 – 7	400
S	1-1/4 – 7	750
SS	1-1/4 – 7	500

**CAUTION:** The tightening force on the screws is multiplied many times by the wedging action of the tapered surface. If extreme tightening force is applied, or if a lubricant is used, bursting pressures will be created in the hub of the mating part.

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# **WOOD'S**

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# **METRIC SURE-GRIP™**

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# **QD BUSHINGS**

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**(WITH METRIC HARDWARE)**

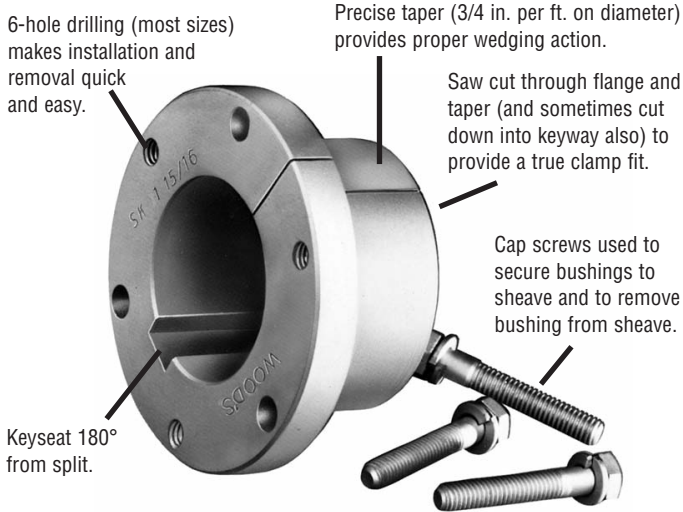
- **Provide a True Clamp Fit**
- **Are Easy to Install and Remove**
- **Permit Four-Way Mounting**





# METRIC SURE-GRIP® BUSHING FEATURES

Sure-Grip® “Quick Detachable” bushings are easy to install and remove. They are split through flange and taper to provide a true clamp on the shaft that is the equivalent of a shrink fit. All sizes except JA and QT have a setscrew over the key to help

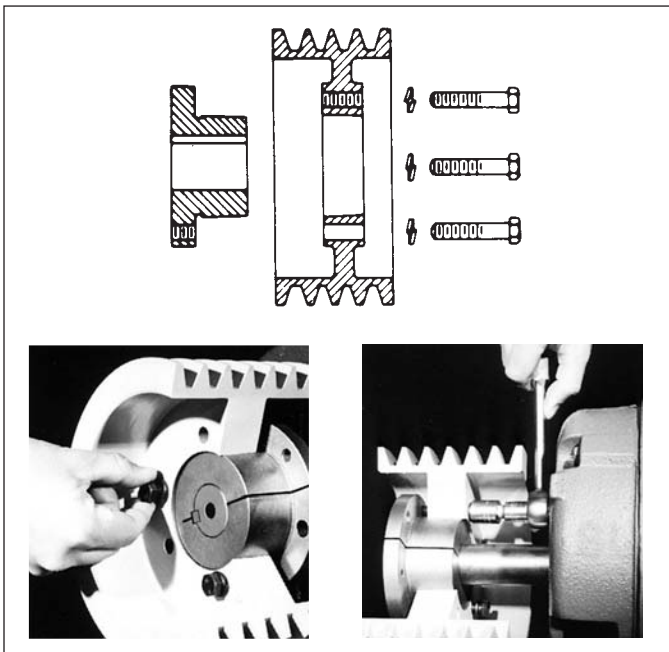


maintain the bushing’s position on the shaft until the cap screws are securely tightened. Sure-Grip bushings have a very gradual taper (3/4-inch taper per ft. on the diameter) which is about half the inclined angle of many other bushings. The result is the Sure-Grip securely clamps the shaft, with twice the force of those competitive bushings, to provide extreme holding power.

Versatile Sure-Grip bushings permit the mounting of the same mating part on shafts of different diameters, and the mounting of different sheaves on the same shaft using the same bushing. Their interchangeability extends through sheaves, pulleys, timing pulleys, sprockets, flexible and rigid couplings, made-to-order items by Wood’s, and to product lines of several other mechanical power transmission manufacturers.

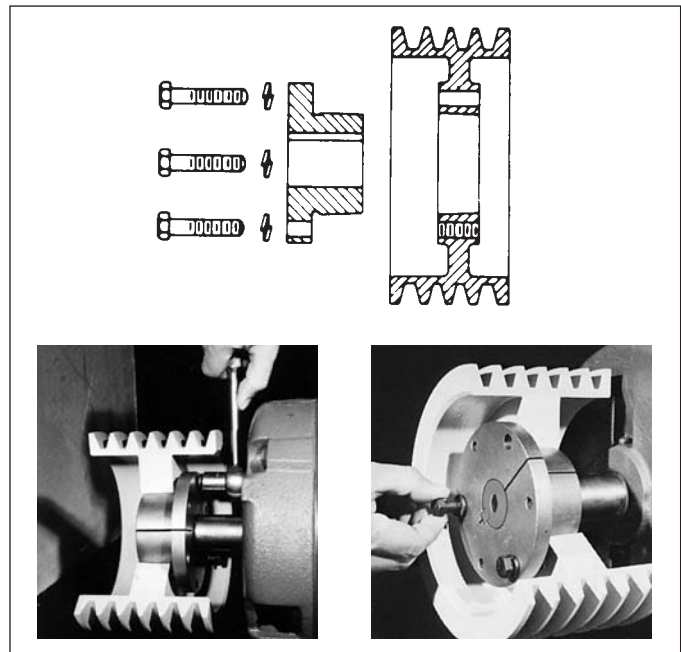
Sure-Grip bushings are manufactured with the drilled and tapped holes located at a precise distance from the keyseat; thus, a wide mating part having a bushing in each end can be mounted on a common shaft with the two keyways in line. This feature not only facilitates installation but also permits both bushings to carry an equal share of the load.

## STANDARD MOUNTING



1. Cap screws from outside through drilled holes in the mating part and into threaded holes in the bushing flange located on the inside of the assembly. Or the complete assembly reversed on the shaft and;
2. Cap screws from inside through drilled holes in the mating part and into threaded holes in the bushing flange located on the outside of the assembly.

## REVERSE MOUNTING

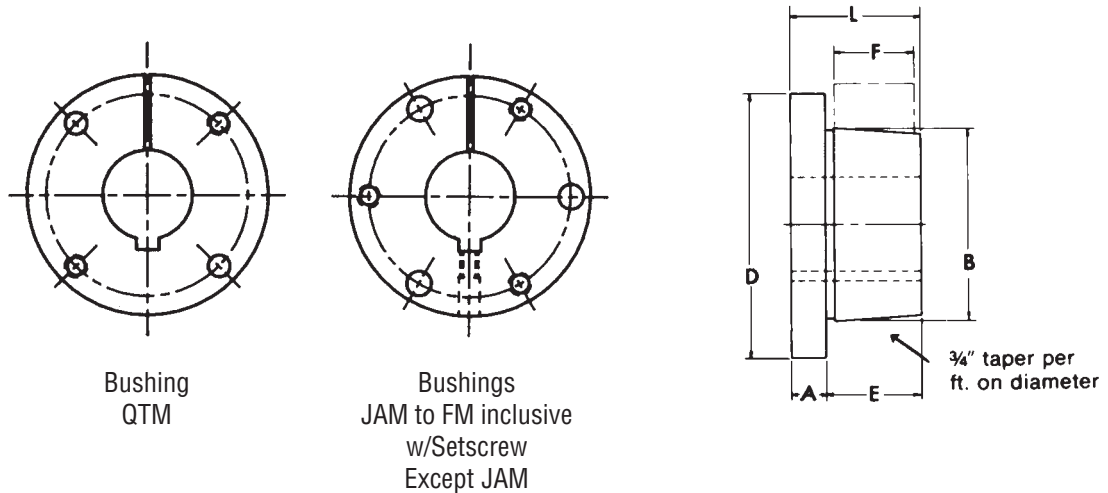


3. Cap screws from inside through drilled holes in the bushing flange located on the inside of the assembly and into threaded holes in the mating part.
4. Cap screws from outside through drilled holes in the bushing flange located on the outside of the assembly and into threaded holes in the mating part.

# METRIC SURE-GRIP® BUSHING DIMENSIONS INCLUDING METRIC HARDWARE



Sure-Grip bushings are designed to transmit the rated torque capacity listed in the table below when the cap screws are tightened as indicated. The bushings are stocked in all popular bore sizes, including metric bores, within the bore range for a particular bushing.



## SURE-GRIP BUSHING TORQUE RATINGS AND DIMENSIONS

Metric Bushing	Torque Capacity (NM)	Max. Bore (Note 1)	DIMENSIONS IN MILLIMETERS						Cap screw Bolt Circle	Screws Required
			A	B	D	E	F*	L		
<b>QTM</b>	198	30	6.4	41.3	63.5	25.4	22.2	31.8	50.8	2 - M6
<b>JAM</b>	198	23	7.9	34.9	50.8	17.5	14.3	25.4	42.1	3 - M5
<b>SHM</b>	395	36	9.5	47.5	68.3	22.2	20.6	31.8	57.2	3 - M6
<b>SDSM</b>	565	42	11.1	55.6	81.0	22.2	19.1	33.3	68.3	3 - M6
<b>SDM</b>	565	42	11.1	55.6	81.0	34.9	31.8	46.0	68.3	3 - M6
<b>SKM</b>	791	56	12.7	71.4	98.4	34.9	31.8	47.6	84.1	3 - M8
<b>SFM</b>	1243	63	12.7	79.4	117.5	38.1	31.8	50.8	98.4	3 - M10
<b>EM</b>	2260	78	19.1	97.4	152.4	47.6	41.3	66.7	127.0	3 - M12
<b>FM</b>	4519	90	20.6	112.7	168.3	71.4	63.5	92.1	142.9	3 - M16

\* Mating hub length.

1. MAX MM BORE WITH STANDARD KEYSEAT.

See page A2-4 for Bore and Keyseat information and weights.



# METRIC SURE-GRIP® BUSHINGS

## BORE AND KEYSEAT DIMENSIONS

### METRIC BORE AND KEY INFORMATION

Product No.	Bore (mm)	Key	Wt.
<b>QTM BUSHINGS</b>			
QTMMPB	10	NONE	0.6
QTM10MM	10	4 x 4	0.6
QTM11MM	11	4 x 4	0.6
QTM14MM	14	5 x 5	0.6
QTM15MM	15	5 x 5	0.6
QTM16MM	16	5 x 5	0.6
QTM19MM	19	6 x 6	0.6
QTM20MM	20	6 x 6	0.6
QTM24MM	24	8 x 7	0.6
QTM25MM	25	8 x 7	0.6
QTM28MM	28	8 x 7	0.6
QTM30MM	30	8 x 7	0.6
QTM32MM	32	8 x 7	0.6
QTM38MM	38	10 x 6†	0.6
<b>JAM BUSHINGS</b>			
JAMMPB	10	NONE	0.8
JAM10MM	10	4 x 4	0.8
JAM11MM	11	4 x 4	0.8
JAM14MM	14	5 x 5	0.8
JAM15MM	15	5 x 5	0.8
JAM19MM	19	6 x 6	0.8
JAM20MM	20	6 x 6	0.8
JAM24MM	24	8 x 6†	0.8
JAM25MM	25	8 x 6†	0.8
JAM28MM	28	8 x 5†	0.8
<b>SHM BUSHINGS</b>			
SHMMPB	10	NONE	1.1
SHM10MM	10	4 x 4	1.1
SHM11MM	11	4 x 4	1.1
SHM14MM	14	5 x 5	1.1
SHM15MM	15	5 x 5	1.1
SHM19MM	19	6 x 6	1.0
SHM20MM	20	6 x 6	1.0
SHM24MM	24	8 x 7	1.0
SHM25MM	25	8 x 7	1.0
SHM28MM	28	8 x 7	0.9
SHM30MM	30	8 x 7	0.8
SHM35MM	35	10 x 8	0.7
SHM38MM	38	10 x 7†	0.7
SHM40MM	40	12 x 6†	0.6

Product No.	Bore (mm)	Key	Wt.
<b>SDSM BUSHINGS</b>			
SDSMMPB	10	NONE	1.7
SDSM15MM	15	5 x 5	1.6
SDSM19MM	19	6 x 6	1.6
SDSM20MM	20	6 x 6	1.6
SDSM24MM	24	8 x 7	1.5
SDSM25MM	25	8 x 7	1.5
SDSM28MM	28	8 x 7	1.4
SDSM30MM	30	8 x 7	1.4
SDSM32MM	32	10 x 8	1.4
SDSM35MM	35	10 x 8	1.2
SDSM38MM	38	10 x 8	1.1
SDSM40MM	40	12 x 8	1.0
SDSM42MM	42	12 x 8	1.0
SDSM48MM	48	14 x 6.5†	0.9
<b>SDM BUSHINGS</b>			
SDMMPB	15	NONE	2.0
SDM15MM	15	5 x 5	2.0
SDM19MM	19	6 x 6	1.9
SDM20MM	20	6 x 6	1.9
SDM24MM	24	8 x 7	1.9
SDM25MM	25	8 x 7	1.9
SDM28MM	28	8 x 7	1.7
SDM30MM	30	8 x 7	1.7
SDM35MM	35	10 x 8	1.5
SDM38MM	38	10 x 8	1.4
SDM40MM	40	12 x 8	1.3
SDM42MM	42	12 x 8	1.2
SDM48MM	48	14 x 7†	1.0
<b>SKM BUSHINGS</b>			
SKMMPB	15	NONE	3.6
SKM19MM	19	6 x 6	3.5
SKM20MM	20	6 x 6	3.5
SKM24MM	24	8 x 7	3.4
SKM28MM	28	8 x 7	3.2
SKM30MM	30	8 x 7	3.2
SKM32MM	32	10 x 8	3.2
SKM35MM	35	10 x 8	3.0
SKM38MM	38	10 x 8	2.9
SKM40MM	40	12 x 8	2.8
SKM42MM	42	12 x 8	2.7
SKM48MM	48	14 x 9	2.4
SKM50MM	50	14 x 9	2.3
SKM55MM	55	16 x 10	2.0
SKM60MM	60	18 x 8†	1.7

Product No.	Bore (mm)	Key	Wt.
<b>SFM BUSHINGS</b>			
SFMMPB	15	NONE	5.1
SFM20MM	20	6 x 6	5.0
SFM24MM	24	8 x 7	4.8
SFM28MM	28	8 x 7	4.7
SFM30MM	30	8 x 7	4.6
SFM35MM	35	10 x 8	4.4
SFM38MM	38	10 x 8	4.2
SFM40MM	40	12 x 8	4.2
SFM42MM	42	12 x 8	4.1
SFM48MM	48	14 x 9	3.7
SFM50MM	50	14 x 9	3.5
SFM55MM	55	16 x 10	3.2
SFM60MM	60	18 x 11	3.0
<b>EM BUSHINGS</b>			
EMMPB	20	NONE	10.8
EM28MM	28	8 x 7	10.6
EM30MM	30	8 x 7	10.5
EM38MM	38	10 x 8	10.0
EM40MM	40	12 x 8	9.9
EM42MM	42	12 x 8	9.8
EM48MM	48	14 x 9	9.3
EM50MM	50	14 x 9	9.2
EM55MM	55	16 x 10	8.6
EM60MM	60	18 x 11	8.1
EM70MM	70	20 x 12	7.1
<b>FM BUSHINGS</b>			
FMMPB	20	NONE	18.0
FM30MM	30	8 x 7	17.6
FM38MM	38	10 x 8	16.9
FM40MM	40	12 x 8	16.8
FM42MM	42	12 x 8	16.7
FM48MM	48	14 x 9	18.0
FM50MM	50	14 x 9	15.7
FM55MM	55	16 x 10	15.0
FM60MM	60	18 x 11	14.3
FM70MM	70	20 x 12	12.9

† SHALLOW KEY FURNISHED

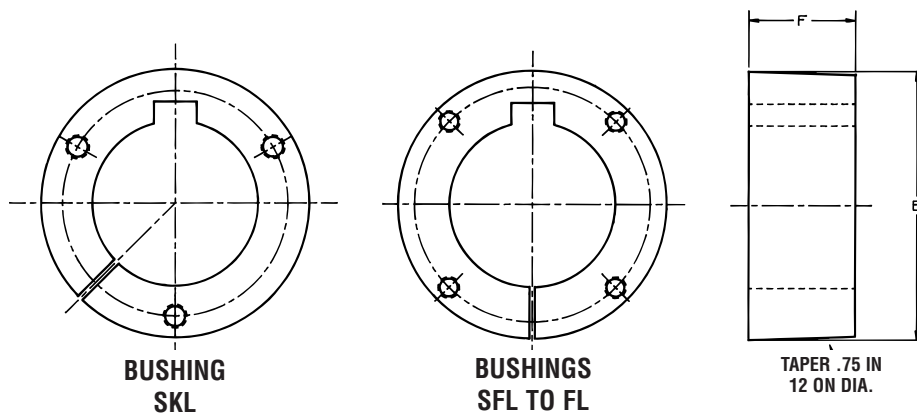
# METRIC SURE-GRIP® BUSHINGS (WITH METRIC HARDWARE)



## “L” SERIES FLANGELESS BUSHINGS

Metric Bushing	Torque Capacity (NM)	Material Type	Max Bore (Note 1)	DIMENSIONS IN MILLIMETERS		Cap screw Bolt Circle	Screws Required
				B	F		
SKLM	791	D.I.	50	71.4	28.6	60.3	3 - M6
SFLM	1243	D.I.	60	79.4	28.6	69.9	4 - M6
ELM	2260	D.I.	73	97.4	38.1	85.7	4 - M8
FLM	5084	D.I.	80	112.7	60.3	95.3	4 - M10

1. MAX BORE WITH KEYSEAT.



Patent No. 5304101

Product Number	Bore	Key	Weight Lbs.
SKLMMPB	15	None	1.7
SFLMMPB	15	None	2.1
ELMMPB	20	None	4.1
FLMMPB	20	None	8.7

### To Install:

**IMPORTANT: DO NOT USE LUBRICANTS IN THIS INSTALLATION**

1. Inspect shafts, bushing, and mating hub. Remove all nicks, paint, dirt, grease, etc. from mating surfaces.
2. Place key in shaft's keyseat.
3. Slide bushing onto shaft and key. **Small End of Taper Must Be Outboard.**
4. Slide tapered mating hub over bushing. Align (1) the shaft key with one of the slots in the mating hub and (2) the drilled holes in mating hub with the threaded holes in the bushing.
5. Put lockwashers on cap screws and insert one cap screw thru each drilled hole in the mating hub and into the threaded hole in the bushing.
6. Use a Torque Wrench. Tighten all cap screws evenly and progressively in rotation. Torque around all the cap screws as often as necessary until the listed torque value remains on each cap screw.

### To Remove:

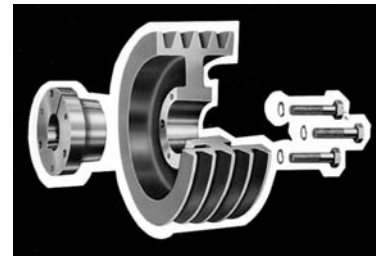
1. Loosen and remove all cap screws from assembly.
2. Install one cap screw in each threaded hole in the mating hub.
3. Evenly torque each cap screw in rotation to force the mating hub off the bushing.

Metric Bushing	Screws Required	Newton-Meters (Ft. Lbs.) To Apply With Torque Wrench
SKLM	3 - M6	20 (15)
SFLM	4 - M6	20 (15)
ELM	4 - M8	41 (30)
FLM	4 - M10	75 (55)

**CAUTION**

The use of lubricants or excessive wrench torques may cause hub stresses high enough to break the mating hub!





## Installation Instructions

The Sure-Grip tapered, QD-type interchangeable bushing offers flexible and easy installation while providing exceptional holding power. To ensure that the bushing performs as specified, it must be installed properly.

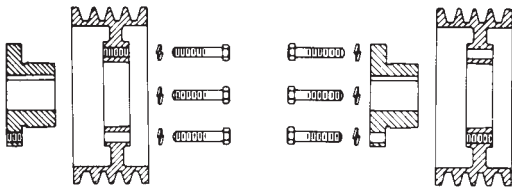
Before beginning, make sure the correct size and quantity of parts are available for the installation. The bushing has been manufactured to accept a setscrew over the key and its use is optional. It is packaged with the hardware on sizes QT to J.

### To Install:

#### IMPORTANT:

#### DO NOT USE LUBRICANTS IN THIS INSTALLATION!

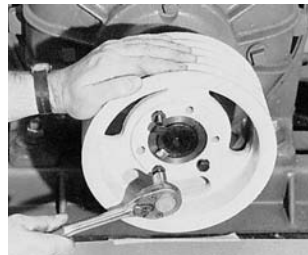
1. Inspect the tapered bore of the sheave and the tapered surface of the bushing. Any paint, dirt, oil, or grease **MUST** be removed.
2. Select the type of mounting (See Fig. 1 or 2) that best suits your application.



3. **STANDARD MOUNTING:** Install shaft key. (Note: If key was furnished with bushing, you must use that key.) Install bushing on clean shaft, flange end first. If bushing will not freely slide on the shaft, insert a screwdriver or similar object into the flange sawcut to act as a wedge to open the bushing's bore. **Caution: Excessive wedging will split the bushing.** If using the setscrew, tighten it just enough to prevent the bushing from sliding on the shaft. **Caution: Do not over-tighten setscrew!** Slide sheave into position on bushing aligning the drilled holes in the sheave with the tapped holes in the bushing flange. Loosely thread the cap screws with lockwashers into the assembly. **DO NOT USE LUBRICANT ON THE CAP SCREWS!**
4. **REVERSE MOUNTING:** With large end of the taper out, slide sheave onto shaft as far as possible. Install shaft key. (See shaft key note in #3 above.) Install bushing onto shaft so tapered end will mate with sheave. (See wedging note in #3 above.) If using the setscrew, tighten it enough to prevent the bushing from sliding on the shaft. **Caution: Do not over-tighten setscrew!** Pull the sheave up on the bushing, aligning the drilled holes in the bushing flange with the tapped holes in the sheave. Loosely thread the cap screws with lockwashers into the assembly. **DO NOT USE LUBRICANT ON THE CAP SCREWS!**
5. Using a torque wrench, tighten all cap screws evenly and progressively in rotation to the torque value in Table. There must be a gap between the bushing flange and sheave hub when installation is complete. **DO NOT OVER-TORQUE! DO NOT ATTEMPT TO CLOSE GAP BETWEEN BUSHING FLANGE AND SHEAVE HUB!**

### To Remove:

1. Relieve drive tension by shortening the center distance between driver and driven sheaves.
2. Lift off belts.
3. Loosen and remove cap screws. If the bushings have keyway setscrews, loosen them.
4. As shown below, insert cap screws (three in JA through J bushings, two in QT bushings in tapped removal holes and progressively tighten each one until mating part is loose on bushing. (Exception: If mating part is installed with cap screw heads next to motor, with insufficient room to insert screws in tapped holes, loosen cap screws and use wedge between bushing flange and mating part.)
5. Remove mating part from bushing and, if necessary, bushing from shaft.



#### SCREW TIGHTENING INFORMATION

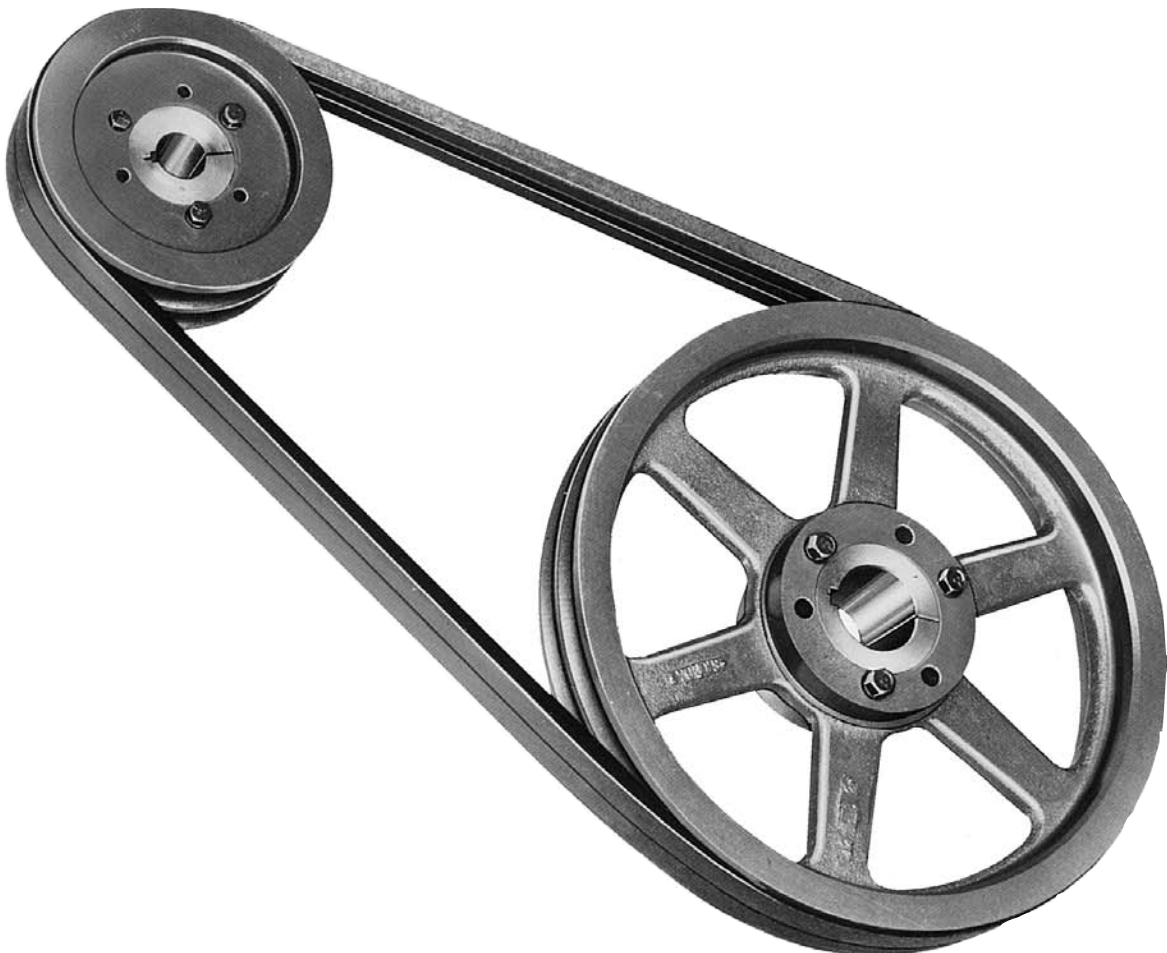
Tapered Bushing	Size & Thread of Cap screw	Newton-Meters (Ft. Lbs.) To Apply With Torque Wrench
QT	M6 x 1.0	12 (9)
JA	M5 x 0.8	7 (5)
SH-SDS-SD	M6 x 1.0	12 (9)
SK	M8 x 1.25	20 (15)
SF	M10 x 1.5	41 (30)
E	M12 x 1.75	81 (60)
F	M16 x 2.0	149 (110)
J	M16 x 2.0	183 (135)

**CAUTION:** The tightening force on the screws is multiplied many times by the wedging action of the tapered surface. If extreme tightening force is applied, or if a lubricant is used, bursting pressures will be created in the hub of the mating part.

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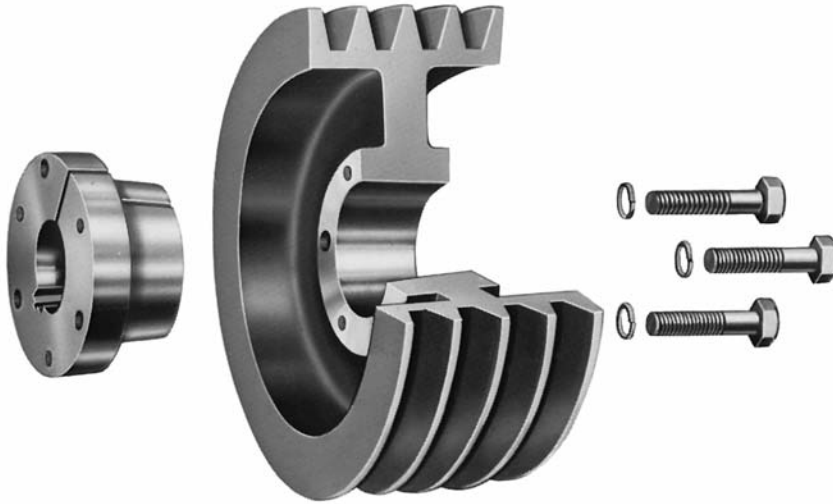
# **NARROW (Ultra-V) DRIVES**

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## NARROW (ULTRA-V) SHEAVE FEATURES

Wood's Ultra-V sheaves are constructed of fine grain, high tensile cast iron, and have been carefully engineered to assure maximum performance over a long life span. Behind each sheave is one of the most extensive engineering design and testing programs in the industry.



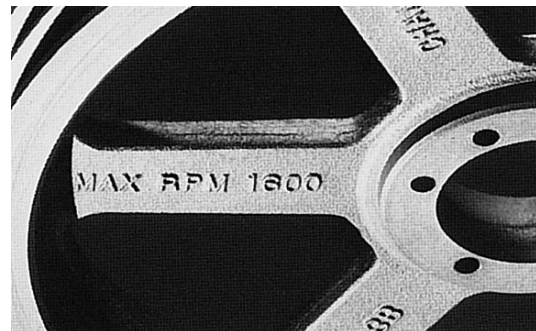
With the advent of higher V-belt ratings, Wood's engineers instituted additional careful test programs to ensure that each Wood's sheave would be capable of safely and dependably delivering the increased performance which was required by the new ratings. Wood's engineers, using a special strain gage test stand, subject sheaves to tension and compression stresses far in excess of those encountered in actual operation.

In another standard test procedure, Wood's sheaves are operated at extremely high speeds. Sheaves are selected from warehouse stocks and tested until they are burst by centrifugal force. Such destructive testing allows Wood's engineers to study the effects of construction and balance on sheave performance. The goal is to assure safe operation at normal speeds. Other continuing programs check product quality in the laboratory and on the manufacturing line.

For applications with special requirements, Wood's sheaves are also available on a made-to-order basis in either cast or ductile iron, and in Sure-Grip or bored-to-suit construction.

Wood's stock narrow sheaves are available with the convenient Sure-Grip QD type bushing. Easy to install and remove, these split, tapered bushings grip the shaft with the equivalent of a shrink fit. This tight holding power eliminates freezing and fretting corrosion between the shaft and the bore and assures quick removal and interchangeability when necessary.

Stock sheaves are designed to carry the loads of all belts shown in this catalog and other similarly rated V-Belts. For special higher rated V-Belts, consult Wood's Engineering Department for recommendations.

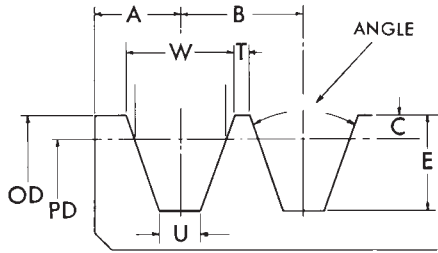


**We cast or stamp the maximum safe operating speed, in rpm, on all sheaves we manufacture.**

# NARROW (ULTRA-V) SHEAVE GROOVE DETAILS



## STANDARD GROOVE DIMENSIONS



Belt	GROOVE DIMENSIONS IN INCHES								
	A	B	C	E	W	T	U	Angle of Groove	Used on O.D.
3V	1 <sup>1</sup> / <sub>32</sub>	1 <sup>3</sup> / <sub>32</sub>	0	.350	.350	.056	.123	36	Under 3.5
							.109	38	3.5 to 6.0
							.095	40	6.01 to 12.0
							.081	42	12.01, Over
5V	1/2	1 <sup>1</sup> / <sub>16</sub>	0	.600	.600	.0875	.187	38	Under 10.0
							.163	40	10.0 to 16.0
							.139	42	16.01, Over
8V	3/4	1 <sup>1</sup> / <sub>8</sub>	0	1.000	1.000	.125	.312	38	Under 16.0
							.272	40	16.0 to 22.4
							.232	42	22.41, Over

## STANDARD SHEAVE FACE WIDTHS

Belt	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	For Each Additional Groove Add
3V	1 <sup>1</sup> / <sub>16</sub> *	1 <sup>3</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>29</sup> / <sub>32</sub>	2 <sup>9</sup> / <sub>16</sub>	2 <sup>23</sup> / <sub>32</sub>	3 <sup>1</sup> / <sub>8</sub>	3 <sup>17</sup> / <sub>32</sub>	3 <sup>15</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>32</sub>	4 <sup>3</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>32</sub>	5 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>32</sub>	6 <sup>3</sup> / <sub>8</sub>	6 <sup>25</sup> / <sub>32</sub>	7 <sup>3</sup> / <sub>16</sub>	7 <sup>19</sup> / <sub>32</sub>	1 <sup>3</sup> / <sub>32</sub>
5V	1	1 <sup>1</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	4 <sup>7</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>8</sub>	5 <sup>13</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>2</sub>	7 <sup>3</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	9 <sup>15</sup> / <sub>16</sub>	10 <sup>5</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>16</sub>	12	12 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>
8V**	1 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	4 <sup>7</sup> / <sub>8</sub>	6	7 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	9 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	11 <sup>5</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>4</sub>	13 <sup>7</sup> / <sub>8</sub>	15	16 <sup>1</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>	19 <sup>7</sup> / <sub>8</sub>	21	1 <sup>1</sup> / <sub>8</sub>

\* For 10.6 to 13.9 outside diameters face width = 3/4". For outside diameters 14.0 and over face width = 13/16.

\*\* Sheaves 16 grooves and over have 3/8" additional metal added to overall face width.

## DEEP GROOVE DIMENSIONS

Belt	A	B	C	E	W	T	U	Angle of Groove	Used on O.D.
3V	3/8	1/2	.109	.459	.421	.079	.123	36	Under 3.72
					.425	.075	.109	38	3.72 to 6.22
					.429	.071	.095	40	6.23 to 12.22
					.434	.067	.081	42	12.22, Over
5V	9/16	1 <sup>3</sup> / <sub>16</sub>	.160	.760	.710	.102	.187	38	Under 10.32
					.716	.096	.163	40	10.32 to 16.32
					.723	.090	.139	42	16.32, Over
8V	2 <sup>7</sup> / <sub>32</sub>	1 5/16	.262	1.262	1.180	.132	.312	38	Under 16.52
					1.191	.123	.272	40	16.52 to 22.92
					1.201	.113	.232	42	22.92, Over

## DEEP GROOVE SHEAVE FACE WIDTHS

Belt	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	For Each Additional Groove Add
3V	3/4	1 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>4</sub>	7 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>4</sub>	8 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>4</sub>	1/2
5V	1 <sup>1</sup> / <sub>8</sub>	1 <sup>15</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>16</sub>	6	6 <sup>13</sup> / <sub>16</sub>	7 <sup>9</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>16</sub>	10 <sup>7</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>2</sub>	13 <sup>5</sup> / <sub>16</sub>	14 <sup>1</sup> / <sub>8</sub>	14 <sup>15</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>
8V	1 <sup>1</sup> / <sub>16</sub>	3	4 <sup>5</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>4</sub>	9 <sup>3</sup> / <sub>16</sub>	10 <sup>7</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>2</sub>	14 <sup>13</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>8</sub>	17 <sup>7</sup> / <sub>16</sub>	18 <sup>3</sup> / <sub>4</sub>	20 <sup>1</sup> / <sub>16</sub>	21 <sup>3</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>16</sub>	24	1 <sup>5</sup> / <sub>16</sub>

These sheaves are designed to carry the loads of all belts shown in this catalog and other similarly rated V-Belts. For special higher rated V-Belts, consult Wood's Engineering Department for recommendations.

The sheaves listed below are all stock sizes. The dimensions given are with the Sure-Grip bushings in place. When ordering, specify the bushing, if required, and the bore size. The figure following the letter in the "Type" column indicates the sheave construction: 1 – Solid, 2 – Web, 3 – Arms.

## DIMENSIONS (In Inches)

O.D. ◆	I.D.	Product No.	1 GROOVE							Product No.	2 GROOVE						
			*F = 11/16								F = 1-3/32						
			Bush.	Type	E	K	L	M	Wt.		Bush.	Type	E	K	L	M	Wt.
2.20 †	...	3V221	JA	E1	19/32	7/16	1	29/32	0.9	3V222	JA	E1	1	7/16	1	29/32	1.1
2.35 †	...	3V2351	JA	E1	19/32	7/16	1	29/32	1.2	3V2352	JA	E1	1	7/16	1	29/32	1.4
2.50 †	...	3V251	JA	E1	19/32	7/16	1	29/32	1.3	3V252	JA	E1	1	7/16	1	29/32	1.5
2.65	2.00	3V2651	JA	D1	13/32	1/16	1	3/32	0.9	3V2652	JA	D1	11/32	1/8	1	7/16	1.2
2.80	2.00	3V281	JA	D1	13/32	1/16	1	3/32	1.0	3V282	JA	D1	11/32	1/8	1	7/16	1.3
3.00	2.00	3V301	JA	D1	13/32	1/16	1	3/32	1.1	3V302	JA	D1	11/32	1/8	1	7/16	1.5
3.15	2.00	3V3151	JA	D1	13/32	1/16	1	3/32	1.2	3V3152	JA	D1	11/32	1/8	1	7/16	1.7
3.35	2.00	3V3.351	JA	D1	13/32	1/16	1	3/32	1.4	3V3.352	SH	D1	7/16	1/8	1-1/4	9/32	1.9
3.65	2.68	3V3651	SH	C1	9/16	0	1-1/4	0	2.0	3V3652	SH	D1	7/16	1/8	1-1/4	9/32	2.4
4.12	2.88	3V4121	SH	C1	9/16	0	1-1/4	0	2.5	3V4122	SH	D1	1/4	5/16	1-1/4	3/32	2.9
4.50	3.18	3V451	SH	C1	9/16	0	1-1/4	0	3.0	3V452	SH	D1	1/4	5/16	1-1/4	3/32	3.5
4.75	3.44	3V4751	SH	C1	9/16	0	1-1/4	0	3.3	3V4752	SH	D1	1/4	5/16	1-1/4	3/32	3.9
5.00	3.68	3V501	SH	C1	9/16	0	1-1/4	0	3.6	3V502	SH	D1	1/4	5/16	1-1/4	3/32	4.2
5.30	4.00	3V531	SH	C1	9/16	0	1-1/4	0	3.8	3V532	SH	D1	1/4	5/16	1-1/4	3/32	4.7
5.60	4.25	3V561	SH	C1	9/16	0	1-1/4	0	4.2	3V562	SH	D1	1/4	5/16	1-1/4	3/32	5.3
6.00	4.69	3V601	SH	C2	9/16	0	1-1/4	0	4.2	3V602	SH	D2	1/4	5/16	1-1/4	3/32	6.2
6.50	5.25	3V651	SH	C2	9/16	0	1-1/4	0	4.6	3V652	SDS	D1	5/16	5/16	1-5/16	3/32	7.5
6.90	5.62	3V691	SH	C2	9/16	0	1-1/4	0	4.5	3V692	SDS	D2	5/16	5/16	1-5/16	3/32	6.7
8.00	6.68	3V801	SDS	C2	5/8	0	1-5/16	0	7.0	3V802	SDS	D2	5/16	5/16	1-5/16	3/32	7.4
10.60	9.25	3V1061	SDS	D3	5/8	0	1-5/16	1/16	7.4	3V1062	SK	C3	15/32	1/4	1-7/8	5/16	13.1
14.00	12.62	3V1401	SK	C3	21/32	0	1-7/8	11/32	14.4	3V1402	SK	C3	15/32	1/4	1-7/8	5/16	19.6
19.00	17.50	3V1901	SK	C3	21/32	0	1-7/8	11/32	20.6	3V1902	SK	C3	15/32	1/4	1-7/8	5/16	24.2
25.00	...	...	...	...	...	...	...	...	...	3V2502	SF	C3	7/16	1/4	2	15/32	40.7

\*F = 3/4 for 10.60 inches O.D. – F = 13/16 for 14.00 inches and 19.00 inches O.D.

O.D. ◆	I.D.	Product No.	3 GROOVE							Product No.	4 GROOVE						
			F = 1-1/2								F = 1-29/32						
			Bush.	Type	E	K	L	M	Wt.		Bush.	Type	E	K	L	M	Wt.
2.50 †	...	3V253	JA	E1	1-13/32	7/16	1	29/32	1.8	...	...	...	...	...	...	...	...
2.65	2.00	3V2653	JA	E1	27/32	-1/8	1	11/32	1.5	3V2654	JA	E1	1-1/4	-1/8	1	11/32	1.8
2.80	2.00	3V283	JA	E1	27/32	-1/8	1	11/32	1.6	3V284	JA	E1	1-1/4	-1/8	1	11/32	1.9
3.00	1.81	3V303	SH	E1	1-3/16	3/8	1-1/4	15/16	2.3	3V304	SH	E1	1-19/32	3/8	1-1/4	15/16	2.6
3.15	1.81	3V3153	SH	E1	1-3/16	3/8	1-1/4	15/16	2.6	3V3154	SH	E1	1-19/32	3/8	1-1/4	15/16	3.0
3.35	2.68	3V3.353	SH	D1	7/16	1/8	1-1/4	11/16	2.4	3V3.354	SH	D1	7/16	1/8	1-1/4	1-3/32	2.8
3.65	2.68	3V3653	SH	D1	7/16	1/8	1-1/4	11/16	3.0	3V3654	SH	D1	7/16	1/8	1-1/4	1-3/32	3.6
4.12	2.88	3V4123	SH	A1	1/8	11/16	1-1/4	1/8	3.4	3V4124	SH	A1	1/4	13/16	1-1/4	11/32	3.9
4.50	3.31	3V453	SDS	A1	1/16	11/16	1-5/16	1/8	4.1	3V454	SDS	A1	3/16	13/16	1-5/16	13/32	4.5
4.75	3.44	3V4753	SDS	A1	1/16	11/16	1-5/16	1/8	4.6	3V4754	SDS	A1	3/16	13/16	1-5/16	13/32	5.1
5.00	3.68	3V503	SDS	A1	1/16	11/16	1-5/16	1/8	5.0	3V504	SDS	A1	3/16	13/16	1-5/16	13/32	5.6
5.30	4.07	3V533	SDS	A1	1/16	11/16	1-5/16	1/8	5.6	3V534	SDS	A1	3/16	13/16	1-5/16	13/32	6.1
5.60	4.36	3V563	SDS	A1	1/16	11/16	1-5/16	1/8	6.5	3V564	SDS	A1	3/16	13/16	1-5/16	13/32	7.7
6.00	4.69	3V603	SDS	A1	1/16	11/16	1-5/16	1/8	7.0	3V604	SK	D1	3/32	5/8	1-7/8	1/8	9.8
6.50	5.25	3V653	SDS	A2	1/16	11/16	1-5/16	1/8	7.3	3V654	SK	D1	3/32	5/8	1-7/8	1/8	11.3
6.90	5.62	3V693	SDS	A2	1/16	11/16	1-5/16	1/8	7.8	3V694	SK	D1	3/32	5/8	1-7/8	1/8	12.9
8.00	6.68	3V803	SK	D2	15/32	1/4	1-7/8	3/32	10.6	3V804	SK	D2	3/32	5/8	1-7/8	1/8	12.1
10.60	9.25	3V1063	SK	D3	15/32	1/4	1-7/8	3/32	14.7	3V1064	SK	D3	3/32	5/8	1-7/8	1/8	17.3
14.00	12.62	3V1403	SK	D3	15/32	1/4	1-7/8	3/32	21.1	3V1404	SK	D3	3/32	5/8	1-7/8	1/8	24.1
19.00	17.62	3V1903	SF	C3	7/16	1/4	2	1/16	36.3	3V1904	SF	C3	1/16	5/8	2	1/32	39.3
25.00	23.56	3V2503	SF	C3	7/16	1/4	2	1/16	45.0	3V2504	SF	C3	1/16	5/8	2	1/32	58.3
33.50	31.94	3V3353	SF	C3	7/16	1/4	2	1/16	73.8	3V3354	E	C3	13/32	1/2	2-5/8	5/16	106.3

◆ P.D. = O.D. † Recommended for use with Narrow Cog belts only.  
Weights for all Sure-Grip bushed items are approximate and include the bushing.



# STOCK NARROW (ULTRA-V) SHEAVES



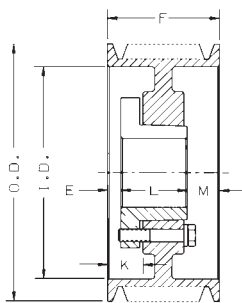
## DIMENSIONS (In Inches)

O.D. ◆	I.D.	Product No.	5 GROOVE F = 2-5/16							Product No.	6 GROOVE F = 2-23/32						
			Bush.	Type	E	K	L	M	Wt.		Bush.	Type	E	K	L	M	Wt.
4.75	3.44	3V4755	SDS	A1	3/16	13/16	1-5/16	13/16	5.7	3V4756	SK	E1	1-7/16	1/8	1-7/8	19/32	7.2
5.00	3.68	3V505	SDS	A1	3/16	13/16	1-5/16	13/16	6.2	3V506	SK	E1	1-7/16	1/8	1-7/8	19/32	8.0
5.30	4.00	3V535	SK	A1	7/32	15/16	1-7/8	7/32	8.2	3V536	SK	A1	19/32	1-5/16	1-7/8	1/4	8.9
5.60	4.31	3V565	SK	A1	7/32	15/16	1-7/8	7/32	9.1	3V566	SK	A1	19/32	1-5/16	1-7/8	1/4	9.8
6.00	4.69	3V605	SK	A1	7/32	15/16	1-7/8	7/32	10.5	3V606	SK	A1	19/32	1-5/16	1-7/8	1/4	11.2
6.50	5.25	3V655	SK	A1	7/32	15/16	1-7/8	7/32	12.1	3V656	SK	A1	19/32	1-5/16	1-7/8	1/4	12.9
6.90	5.62	3V695	SK	A1	7/32	15/16	1-7/8	7/32	13.6	3V696	SK	A1	19/32	1-5/16	1-7/8	1/4	14.5
8.00	6.63	3V805	SK	A2	7/32	15/16	1-7/8	7/32	13.6	3V806	SK	A2	5/32	7/8	1-7/8	11/16	14.7
10.60	9.25	3V1065	SK	A3	7/32	15/16	1-7/8	7/32	18.9	3V1066	SF	A3	3/16	7/8	2	17/32	22.1
14.00	12.62	3V1405	SF	A3	3/16	7/8	2	1/8	29.7	3V1406	SF	A3	3/16	7/8	2	17/32	31.9
19.00	17.62	3V1905	SF	A3	3/16	7/8	2	1/8	46.0	3V1906	E	B3	3/32	1	2-5/8	0	56.5
25.00	23.56	3V2505	E	C3	9/32	5/8	2-5/8	1/32	73.0	3V2506	E	B3	3/32	1	2-5/8	0	84.6
33.50	31.94	3V3355	E	C3	9/32	5/8	2-5/8	1/32	112.7	3V3356	E	B3	3/32	1	2-5/8	0	128.9

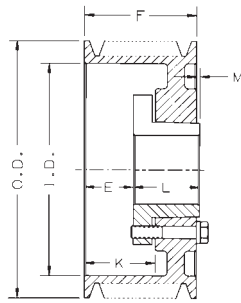
O.D. ◆	I.D.	Product No.	8 GROOVE F = 3-17/32							Product No.	10 GROOVE F = 4-11/32						
			Bush.	Type	E	K	L	M	Wt.		Bush.	Type	E	K	L	M	Wt.
4.75	3.88	3V4758	SK	E1	2-1/4	1/8	1-7/8	19/32	9.6	3V47510	SK	E1	3-1/16	1/8	1-7/8	19/32	9.6
5.00	3.88	3V508	SK	E1	2-1/4	1/8	1-7/8	19/32	9.3	3V5010	SK	E1	3-1/16	1/8	1-7/8	19/32	10.5
5.30	4.00	3V538	SK	A1	19/32	1-5/16	1-7/8	1-1/16	10.3	3V5310	SK	A1	23/32	1-7/16	1-7/8	1-3/4	11.6
5.60	4.31	3V568	SK	A1	19/32	1-5/16	1-7/8	1-1/16	11.3	3V5610	SK	A1	23/32	1-7/16	1-7/8	1-3/4	12.7
6.00	4.69	3V608	SK	A1	19/32	1-5/16	1-7/8	1-1/16	12.8	3V6010	SK	A1	23/32	1-7/16	1-7/8	1-3/4	14.4
6.50	5.25	3V658	SK	A1	19/32	1-5/16	1-7/8	1-1/16	14.6	3V6510	SK	A1	23/32	1-7/16	1-7/8	1-3/4	16.2
6.90	5.62	3V698	SK	A1	19/32	1-5/16	1-7/8	1-1/16	16.3	3V6910	SK	A1	23/32	1-7/16	1-7/8	1-3/4	18.1
8.00	6.68	3V808	SF	A1	7/16	1-1/8	2	1-3/32	22.0	3V8010	SF	A1	13/16	1-1/2	2	1-17/32	24.2
10.60	9.25	3V1068	SF	A3	7/16	1-1/8	2	1-3/32	25.2	3V10610	E	A2	11/32	1-1/4	2-5/8	1-3/8	40.1
14.00	12.62	3V1408	E	A3	11/32	1-1/4	2-5/8	9/16	50.3	3V14010	E	A3	11/32	1-1/4	2-5/8	1-3/8	54.7
19.00	17.62	3V1908	E	A3	11/32	1-1/4	2-5/8	9/16	68.4	3V19010	E	A3	11/32	1-1/4	2-5/8	1-3/8	77.6
25.00	23.56	3V2508	E	A3	11/32	1-1/4	2-5/8	9/16	99.3	3V25010	F	A3	1/4	1-5/16	3-5/8	15/32	126.2
33.50	31.94	3V3358	F	B3	0	1-1/16	3-5/8	3/32	154.7	3V33510	F	A3	1/4	1-5/16	3-5/8	15/32	188.4

◆ P.D. = O.D. .

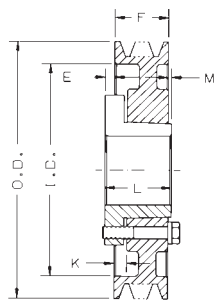
Weights for all Sure-Grip bushed items are approximate and include the bushing.



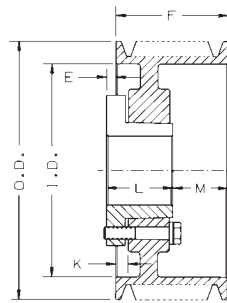
Type A



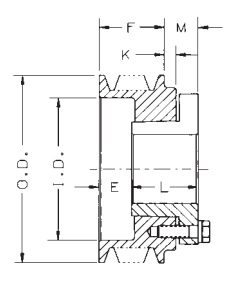
Type B



Type C



Type D



Type E

These sheaves are designed to carry the loads of all belts shown in this catalog and other similarly rated V-Belts. For special higher rated V-Belts, consult Wood's Engineering Department for recommendations.

The sheaves listed below are all stock sizes. The dimensions given are with the Sure-Grip bushings in place. When ordering, specify the bushing, if required, and the bore size. The figure following the letter in the "Type" column indicates the sheave construction: 1 – Solid, 2 – Web, 3 – Arms.

## DIMENSIONS (In Inches)

O.D. ◆	I.D.	Product No.	2 GROOVE							Product No.	3 GROOVE						
			F = 1-11/16								F = 2-3/8						
			Bush.	Type	E	K	L	M	Wt.		Bush.	Type	E	K	L	M	Wt.
4.4 †	2.72	5V442	SH	A1	1/8	11/16	1-1/4	5/16	4.0	5V443	SDS	E1	1-11/16	0	1-5/16	5/8	5.2
4.65 †	2.94	5V4652	SDS	E1	13/16	3/16	1-5/16	7/16	4.3	5V4653	SDS	E1	1-11/16	0	1-5/16	5/8	5.8
4.9 †	3.25	5V492	SDS	A1	1/16	11/16	1-5/16	5/16	4.8	5V493	SDS	A1	7/16	1-1/16	1-5/16	5/8	6.3
5.2 †	3.50	5V522	SDS	A1	1/16	11/16	1-5/16	5/16	5.4	5V523	SDS	A1	7/16	1-1/16	1-5/16	5/8	6.6
5.5 †	3.75	5V552	SDS	A1	1/16	11/16	1-5/16	5/16	6.1	5V553	SDS	A1	7/16	1-1/16	1-5/16	5/8	7.4
5.9 †	4.18	5V592	SDS	A1	1/16	11/16	1-5/16	5/16	6.8	5V593	SDS	A1	7/16	1-1/16	1-5/16	5/8	8.3
6.3 †	4.56	5V632	SK	D1	9/32	7/16	1-7/8	3/32	10.7	5V633	SK	A1	11/32	1-1/16	1-7/8	5/32	11.2
6.7 †	4.94	5V672	SK	D1	9/32	7/16	1-7/8	3/32	11.0	5V673	SK	A1	11/32	1-1/16	1-7/8	5/32	13.8
7.1	5.31	5V712	SK	D1	9/32	7/16	1-7/8	3/32	13.4	5V713	SF	A1	5/16	1	2	1/16	14.8
7.5	5.62	5V752	SK	D1	9/32	7/16	1-7/8	3/32	14.0	5V753	SF	A1	5/16	1	2	1/16	16.6
8.0	6.12	5V802	SK	D1	9/32	7/16	1-7/8	3/32	15.9	5V803	SF	A1	5/16	1	2	1/16	18.7
8.5	6.62	5V852	SK	D2	9/32	7/16	1-7/8	3/32	14.2	5V853	SF	A1	5/16	1	2	1/16	21.0
9.0	7.12	5V902	SK	D2	9/32	7/16	1-7/8	3/32	16.4	5V903	SF	A1	5/16	1	2	1/16	23.3
9.25	7.44	5V9252	SK	D2	9/32	7/16	1-7/8	3/32	16.7	5V9253	SF	A2	5/16	1	2	1/16	20.4
9.75	7.94	5V9752	SK	D3	9/32	7/16	1-7/8	3/32	14.6	5V9753	SF	A2	5/16	1	2	1/16	22.7
10.3	8.50	5V1032	SK	D3	9/32	7/16	1-7/8	3/32	16.5	5V1033	SF	A2	5/16	1	2	1/16	26.1
10.9	9.12	5V1092	SK	D3	9/32	7/16	1-7/8	3/32	17.8	5V1093	SF	A2	5/16	1	2	1/16	26.7
11.3	9.38	5V1132	SK	D3	9/32	7/16	1-7/8	3/32	18.3	5V1133	SF	A3	5/16	1	2	1/16	25.7
11.8	9.94	5V1182	SK	D3	9/32	7/16	1-7/8	3/32	19.1	5V1183	SF	A3	5/16	1	2	1/16	26.7
12.5	10.62	5V1252	SF	C3	1/4	7/16	2	1/16	21.9	5V1253	E	C3	5/32	3/4	2-5/8	3/32	35.2
13.2	11.31	5V1322	SF	C3	1/4	7/16	2	1/16	24.7	5V1323	E	C3	5/32	3/4	2-5/8	3/32	37.1
14.0	12.12	5V1402	SF	C3	1/4	7/16	2	1/16	25.9	5V1403	E	C3	5/32	3/4	2-5/8	3/32	41.0
15.0	13.12	5V1502	SF	C3	1/4	7/16	2	1/16	27.7	5V1503	E	C3	5/32	3/4	2-5/8	3/32	42.6
16.0	14.12	5V1602	SF	C3	1/4	7/16	2	1/16	30.1	5V1603	E	C3	5/32	3/4	2-5/8	3/32	45.1
18.7	16.75	5V1872	SF	C3	1/4	7/16	2	1/16	40.0	5V1873	E	C3	5/32	3/4	2-5/8	3/32	54.4
21.2	19.25	5V2122	SF	C3	1/4	7/16	2	1/16	45.0	5V2123	E	C3	5/32	3/4	2-5/8	3/32	63.0
23.6	21.62	5V2362	E	C3	5/32	3/4	2-5/8	25/32	61.7	5V2363	E	C3	5/32	3/4	2-5/8	3/32	76.0
28.0	26.00	5V2802	E	C3	5/32	3/4	2-5/8	25/32	77.5	5V2803	E	C3	5/32	3/4	2-5/8	3/32	103.6
31.5	29.50	...	...	...	...	...	...	...	...	5V3153	F	C3	1/2	9/16	3-5/8	3/4	128.4
37.5	35.25	...	...	...	...	...	...	...	...	5V3753	F	C3	1/2	9/16	3-5/8	3/4	161.9
50.0	47.38	...	...	...	...	...	...	...	...	5V5003	F	C3	1/2	9/16	3-5/8	3/4	276.9

O.D. ◆	I.D.	Product No.	4 GROOVE							Product No.	5 GROOVE						
			F = 3-1/16								F = 3-3/4						
			Bush.	Type	E	K	L	M	Wt.		Bush.	Type	E	K	L	M	Wt.
4.4 †	2.70	5V444	SD	E1	1-7/8	0	1-13/16	5/8	6.4	5V445	SD	E1	2-9/16	0	1-13/16	5/8	7.3
4.65 †	2.94	5V4654	SD	E1	1-7/8	0	1-13/16	5/8	7.1	5V4655	SD	E1	2-9/16	0	1-13/16	5/8	8.1
4.9 †	3.25	5V494	SD	A1	11/16	1-5/16	1-13/16	9/16	7.7	5V495	SD	A1	11/16	1-5/16	1-13/16	1-1/4	8.7
5.2 †	3.50	5V524	SD	A1	11/16	1-5/16	1-13/16	9/16	8.7	5V525	SD	A1	11/16	1-5/16	1-13/16	1-1/4	9.9
5.5 †	3.75	5V554	SD	A1	11/16	1-5/16	1-13/16	9/16	9.8	5V555	SD	A1	11/16	1-5/16	1-13/16	1-1/4	11.1
5.9 †	4.18	5V594	SD	A1	11/16	1-5/16	1-13/16	9/16	11.1	5V595	SK	A1	19/32	1-5/16	1-7/8	1-9/32	12.6
6.3 †	4.56	5V634	SK	A1	19/32	1-5/16	1-7/8	19/32	12.7	5V635	SK	A1	19/32	1-5/16	1-7/8	1-9/32	14.3
6.7 †	4.94	5V674	SK	A1	19/32	1-5/16	1-7/8	19/32	14.3	5V675	SF	A1	5/8	1-5/16	2	1-1/8	16.6
7.1	5.31	5V714	SF	A1	3/8	1-1/16	2	11/16	16.6	5V715	SF	A1	11/16	1-3/8	2	1-1/16	19.9
7.5	5.62	5V754	SF	A1	3/8	1-1/16	2	11/16	18.7	5V755	SF	A1	11/16	1-3/8	2	1-1/16	20.8
8.0	6.12	5V804	E	B1	17/32	1-7/16	2-5/8	3/32	25.5	5V805	E	A1	27/32	1-3/4	2-5/8	9/32	27.8
8.5	6.62	5V854	E	B1	17/32	1-7/16	2-5/8	3/32	28.4	5V855	E	A1	27/32	1-3/4	2-5/8	9/32	30.8
9.0	7.12	5V904	E	B1	17/32	1-7/16	2-5/8	3/32	31.5	5V905	E	A1	27/32	1-3/4	2-5/8	9/32	34.1
9.25	7.44	5V9254	E	B1	17/32	1-7/16	2-5/8	3/32	32.8	5V9255	E	A1	27/32	1-3/4	2-5/8	9/32	35.4
9.75	7.94	5V9754	E	B2	17/32	1-7/16	2-5/8	3/32	38.0	5V9755	E	A2	27/32	1-3/4	2-5/8	9/32	38.8
10.3	8.50	5V1034	E	B2	17/32	1-7/16	2-5/8	3/32	33.9	5V1035	E	A2	27/32	1-3/4	2-5/8	9/32	37.3
10.9	9.12	5V1094	E	B2	17/32	1-7/16	2-5/8	3/32	36.0	5V1095	E	A2	27/32	1-3/4	2-5/8	9/32	39.5
11.3	9.38	5V1134	E	B2	17/32	1-7/16	2-5/8	3/32	40.0	5V1135	E	A2	27/32	1-3/4	2-5/8	9/32	43.6
11.8	9.94	5V1184	E	B2	17/32	1-7/16	2-5/8	3/32	42.7	5V1185	E	A2	27/32	1-3/4	2-5/8	9/32	45.4
12.5	10.62	5V1254	E	B3	17/32	1-7/16	2-5/8	3/32	42.5	5V1255	E	A3	27/32	1-3/4	2-5/8	9/32	44.4
13.2	11.31	5V1324	E	B3	17/32	1-7/16	2-5/8	3/32	45.0	5V1325	E	A3	27/32	1-3/4	2-5/8	9/32	46.8
14.0	12.12	5V1404	E	B3	17/32	1-7/16	2-5/8	3/32	47.0	5V1405	E	A3	27/32	1-3/4	2-5/8	9/32	52.0
15.0	13.12	5V1504	E	B3	17/32	1-7/16	2-5/8	3/32	47.7	5V1505	E	A3	27/32	1-3/4	2-5/8	9/32	53.9
16.0	14.12	5V1604	E	B3	17/32	1-7/16	2-5/8	3/32	51.0	5V1605	E	A3	27/32	1-3/4	2-5/8	9/32	57.4
18.7	16.75	5V1874	E	A3	11/32	1-1/4	2-5/8	3/32	63.0	5V1875	F	B3	1/4	1-5/16	3-5/8	1/8	86.9
21.2	19.25	5V2124	E	A3	11/32	1-1/4	2-5/8	3/32	75.0	5V2125	F	B3	1/4	1-5/16	3-5/8	1/8	97.3
23.6	21.62	5V2364	F	B3	3/16	7/8	3-5/8	3/8	98.2	5V2365	F	B3	1/4	1-5/16	3-5/8	1/8	111.9
28.0	26.00	5V2804	F	B3	3/16	7/8	3-5/8	3/8	125.5	5V2805	F	B3	1/4	1-5/16	3-5/8	1/8	143.1
31.5	29.50	5V3154	F	C3	3/16	7/8	3-5/8	3/8	141.6	5V3155	J	C3	1/4	1	4-1/2	1/2	174.6
37.5	35.25	5V3754	F	C3	3/16	7/8	3-5/8	3/8	192.2	5V3755	J	C3	1/4	1	4-1/2	1/2	237.5
50.0	47.38	5V5004	F	C3	9/16	11/16	4-1/2	7/8	306.0	5V5005	J	C3	1/4	1	4-1/2	1/2	344.6

◆ P.D. = O.D. † Recommended for use with 5VX Narrow Cog belts only.  
Weights for all Sure-Grip bushed items are approximate and include the bushing.

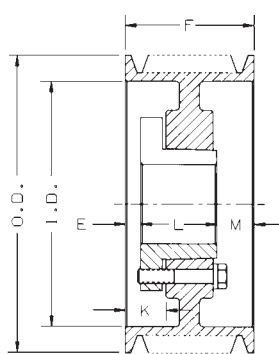
# STOCK NARROW (ULTRA-V) SHEAVES



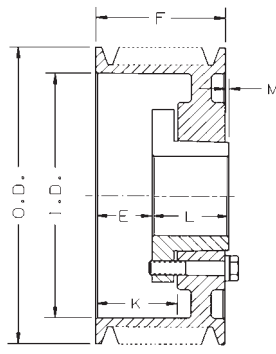
## DIMENSIONS (In Inches)

O.D. ◆	I.D.	Product No.	6 GROOVE F = 4-7/16							Product No.	7 GROOVE F = 5-1/8						
			Bush.	Type	E	K	L	M	Wt.		Bush.	Type	E	K	L	M	Wt.
4.4 †	2.70	5V446	SD	E1	3-1/4	0	1-13/16	5/8	8.3	...	...	...	...	...	...	...	...
4.65 †	2.94	5V4656	SD	E1	3-1/4	0	1-13/16	5/8	8.3	...	...	...	...	...	...	...	...
4.9 †	3.25	5V496	SD	A1	11/16	1-5/16	1-13/16	1-15/16	10.3	...	...	...	...	...	...	...	...
5.2 †	3.50	5V526	SD	A1	11/16	1-5/16	1-13/16	1-15/16	11.1	...	...	...	...	...	...	...	...
5.5 †	3.75	5V556	SD	A1	11/16	1-5/16	1-13/16	1-15/16	12.4	...	...	...	...	...	...	...	...
5.9 †	4.18	5V596	SK	A1	19/32	1-5/16	1-7/8	1-31/32	14.0	...	...	...	...	...	...	...	...
6.3 †	4.56	5V636	SK	A1	19/32	1-5/16	1-7/8	1-31/32	15.8	...	...	...	...	...	...	...	...
6.7 †	4.99	5V676	SF	A1	15/16	1-5/8	2	1-1/2	18.3	...	...	...	...	...	...	...	...
7.1	5.31	5V716	SF	A1	15/16	1-5/8	2	1-1/2	20.3	5V717	SF	A1	15/16	1-5/8	2	2-3/16	22.1
7.5	5.62	5V756	SF	A1	15/16	1-5/8	2	1-1/2	22.9	5V757	SF	A1	15/16	1-5/8	2	2-3/16	25.0
8.0	6.12	5V806	E	A1	1-3/32	2	2-5/8	23/32	30.1	5V807	E	A1	1-3/32	2	2-5/8	1-13/32	32.3
8.5	6.62	5V856	E	A1	1-3/32	2	2-5/8	23/32	30.3	5V857	E	A1	1-3/32	2	2-5/8	1-13/32	35.7
9.0	7.12	5V906	E	A1	1-3/32	2	2-5/8	23/32	36.7	5V907	E	A1	1-3/32	2	2-5/8	1-13/32	39.3
9.25	7.44	5V9256	E	A1	1-3/32	2	2-5/8	23/32	37.9	5V9257	E	A1	1-3/32	2	2-5/8	1-13/32	40.4
9.75	7.94	5V9756	E	A1	1-3/32	2	2-5/8	23/32	41.5	5V9757	E	A1	1-3/32	2	2-5/8	1-13/32	44.1
10.3	8.50	5V1036	E	A2	1-3/32	2	2-5/8	23/32	40.6	5V1037	F	B1	1-1/2	2-9/16	3-5/8	0	60.5
10.9	9.12	5V1096	E	A2	1-3/32	2	2-5/8	23/32	45.8	5V1097	F	B1	1-1/2	2-9/16	3-5/8	0	67.1
11.3	9.38	5V1136	E	A2	1-3/32	2	2-5/8	23/32	47.8	5V1137	F	B1	1-1/2	2-9/16	3-5/8	0	73.3
11.8	9.94	5V1186	E	A2	1-3/32	2	2-5/8	23/32	50.4	5V1187	F	B2	1-1/2	2-9/16	3-5/8	0	64.3
12.5	10.62	5V1256	F	B2	1	2-1/16	3-5/8	3/16	65.1	5V1257	F	B2	1-1/2	2-9/16	3-5/8	0	69.0
13.2	11.31	5V1326	F	B2	1	2-1/16	3-5/8	3/16	69.6	5V1327	F	B2	1-1/2	2-9/16	3-5/8	0	73.8
14.0	12.12	5V1406	F	B2	1	2-1/16	3-5/8	3/16	74.6	5V1407	F	B2	1-1/2	2-9/16	3-5/8	0	79.1
15.0	13.12	5V1506	F	B3	1	2-1/16	3-5/8	3/16	72.1	5V1507	F	B3	1-1/2	2-9/16	3-5/8	0	76.9
16.0	14.12	5V1606	F	B3	1	2-1/16	3-5/8	3/16	76.4	5V1607	F	B3	1-1/2	2-9/16	3-5/8	0	82.5
18.7	16.75	5V1876	F	A3	1/4	1-5/16	3-5/8	9/16	93.3	5V1877	F	A3	1/4	1-5/16	3-5/8	1-1/4	99.6
21.2	19.25	5V2126	F	A3	1/4	1-5/16	3-5/8	9/16	106.5	5V2127	J	A3	1/16	1-5/16	4-1/2	9/16	131.2
23.6	21.62	5V2366	J	B3	1/16	1-5/16	4-1/2	1/8	133.4	5V2367	J	A3	1/16	1-5/16	4-1/2	9/16	141.7
28.0	26.00	5V2806	J	B3	1/16	1-5/16	4-1/2	1/8	169.1	5V2807	J	A3	1/16	1-5/16	4-1/2	9/16	181.0
31.5	29.50	5V3156	J	B3	1/16	1-5/16	4-1/2	1/8	198.1	5V3157	J	A3	1/16	1-5/16	4-1/2	9/16	212.1
37.5	35.25	5V3756	J	B3	1/16	1-5/16	4-1/2	1/8	253.8	5V3757	M	B3	15/32	1-15/16	6-3/4	2-3/32	349.6
50.0	47.38	5V5006	M	C3	31/32	1/2	6-3/4	1-11/32	472.1	5V5007	M	C3	31/32	1/2	6-3/4	21/32	498.1

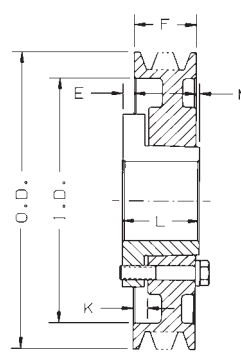
◆ P.D. = O.D. † Recommended for use with 5VX Narrow Cog belts only.  
Weights for all Sure-Grip bushed items are approximate and include the bushing.



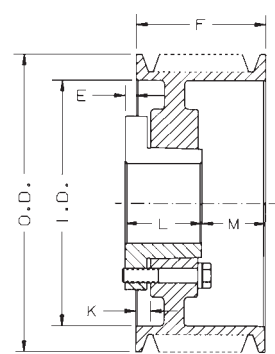
Type A



Type B



Type C



Type D

## DIMENSIONS (In Inches)

O.D. ◆	I.D.	Product No.	8 GROOVE							Product No.	9 GROOVE						
			F = 5-13/16								F = 6-1/2						
			Bush.	Type	E	K	L	M	Wt.		Bush.	Type	E	K	L	M	Wt.
7.1	5.31	5V718	SF	A1	1-7/16	2-1/8	2	2-3/8	24.0	...	...	...	...	...	...	...	
7.5	5.62	5V758	SF	A1	1-7/16	2-1/8	2	2-3/8	27.1	...	...	...	...	...	...	...	
8.0	6.12	5V808	E	A1	1-19/32	2-1/2	2-5/8	1-19/32	34.6	5V809	E	A1	1-19/32	2-1/2	2-5/8	2-9/32	36.9
8.5	6.62	5V858	E	A1	1-19/32	2-1/2	2-5/8	1-19/32	38.2	5V859	E	A1	1-19/32	2-1/2	2-5/8	2-9/32	40.6
9.0	7.12	5V908	E	A1	1-19/32	2-1/2	2-5/8	1-19/32	41.9	5V909	E	A1	1-19/32	2-1/2	2-5/8	2-9/32	44.5
9.25	7.44	5V9258	F	A1	1-1/2	2-9/16	3-5/8	11/16	51.7	5V9259	F	A1	1-1/2	2-9/16	3-5/8	1-3/8	54.2
9.75	7.94	5V9758	F	A1	1-1/2	2-9/16	3-5/8	11/16	57.0	5V9759	F	A1	1-1/2	2-9/16	3-5/8	1-3/8	59.7
10.3	8.50	5V1038	F	A1	1-1/2	2-9/16	3-5/8	11/16	63.4	5V1039	F	A1	1-1/2	2-9/16	3-5/8	1-3/8	66.3
10.9	9.12	5V1098	F	A1	1-1/2	2-9/16	3-5/8	11/16	70.2	5V1099	F	A1	1-1/2	2-9/16	3-5/8	1-3/8	73.3
11.3	9.38	5V1138	F	A1	1-1/2	2-9/16	3-5/8	11/16	76.9	5V1139	F	A1	1-1/2	2-9/16	3-5/8	1-3/8	80.5
11.8	9.94	5V1188	F	A2	1-1/2	2-9/16	3-5/8	11/16	67.9	5V1189	F	A2	1-1/2	2-9/16	3-5/8	1-3/8	71.4
12.5	10.62	5V1258	F	A2	1-1/2	2-9/16	3-5/8	11/16	72.8	5V1259	F	A2	1-1/2	2-9/16	3-5/8	1-3/8	76.8
13.2	11.31	5V1328	F	A2	1-1/2	2-9/16	3-5/8	11/16	77.9	5V1329	F	A2	1-1/2	2-9/16	3-5/8	1-3/8	83.9
14.0	12.12	5V1408	F	A2	1-1/2	2-9/16	3-5/8	11/16	83.3	5V1409	F	A2	1-1/2	2-9/16	3-5/8	1-3/8	90.2
15.0	13.12	5V1508	F	A3	1-1/2	2-9/16	3-5/8	11/16	81.5	5V1509	J	B2	2-5/16	3-9/16	4-1/2	5/16	109.5
16.0	14.12	5V1608	F	A3	1-1/2	2-9/16	3-5/8	11/16	87.4	5V1609	J	B3	2-5/16	3-9/16	4-1/2	5/16	109.0
18.7	16.75	5V1878	J	A3	5/16	1-9/16	4-1/2	1	124.6	5V1879	J	A3	5/16	1-9/16	4-1/2	1-11/16	128.6
21.2	19.25	5V2128	J	A3	5/16	1-9/16	4-1/2	1	138.9	5V2129	J	A3	5/16	1-9/16	4-1/2	1-11/16	146.0
23.6	21.62	5V2368	J	A3	5/16	1-9/16	4-1/2	1	154.6	5V2369	J	A3	5/16	1-9/16	4-1/2	1-11/16	165.1
28.0	26.00	5V2808	J	A3	5/16	1-9/16	4-1/2	1	191.0	5V2809	M	B3	15/32	1-15/16	6-3/4	23/32	273.7
31.5	29.50	5V3158	M	B3	15/32	1-15/16	6-3/4	1-13/32	295.7	5V3159	M	B3	15/32	1-15/16	6-3/4	23/32	316.0
37.5	35.25	5V3758	M	B3	15/32	1-15/16	6-3/4	1-13/32	366.2	5V3759	M	B3	15/32	1-15/16	6-3/4	23/32	398.5
50.0	47.38	5V5008	M	B3	15/32	1-15/16	6-3/4	1-13/32	540.0	5V5009	M	B3	15/32	1-15/16	6-3/4	23/32	580.1

O.D. ◆	I.D.	Product No.	10 GROOVE						
			F = 7-3/16						
			Bush.	Type	E	K	L	M	Wt.
8.0	6.12	5V8010	E	A1	2-11/32	3-1/4	2-5/8	2-7/32	39.1
8.5	6.62	5V8510	E	A1	2-11/32	3-1/4	2-5/8	2-7/32	43.0
9.0	7.12	5V9010	F	A1	2-1/4	3-5/16	3-5/8	1-5/16	54.9
9.25	7.38	5V92510	F	A1	2-1/4	3-5/16	3-5/8	1-5/16	59.1
9.75	7.94	5V97510	F	A1	2-1/4	3-5/16	3-5/8	1-5/16	62.4
10.3	8.50	5V10310	F	A1	2-1/4	3-5/16	3-5/8	1-5/16	69.2
10.9	9.12	5V10910	F	A1	2-1/4	3-5/16	3-5/8	1-5/16	76.3
11.3	9.38	5V11310	F	A1	2-1/4	3-5/16	3-5/8	1-5/16	84.0
11.8	9.94	5V11810	F	A2	2-1/4	3-5/16	3-5/8	1-5/16	75.0
12.5	10.62	5V12510	J	A2	2-5/16	3-9/16	4-1/2	3/8	92.9
13.2	11.31	5V13210	J	A2	2-5/16	3-9/16	4-1/2	3/8	99.0
14.0	12.12	5V14010	J	A2	2-5/16	3-9/16	4-1/2	3/8	105.4
15.0	13.12	5V15010	J	A2	2-5/16	3-9/16	4-1/2	3/8	99.0
16.0	14.12	5V16010	J	A3	2-5/16	3-9/16	4-1/2	3/8	114.1
18.7	16.75	5V18710	J	A3	5/16	1-9/16	4-1/2	2-3/8	136.4
21.2	19.25	5V21210	J	A3	5/16	1-9/16	4-1/2	2-3/8	159.4
23.6	21.62	5V23610	M	B3	15/32	1-15/16	6-3/4	1/32	245.8
28.0	26.00	5V28010	M	B3	15/32	1-15/16	6-3/4	1/32	293.0
31.5	29.50	5V31510	M	B3	15/32	1-15/16	6-3/4	1/32	329.1
37.5	35.25	5V37510	M	B3	15/32	1-15/16	6-3/4	1/32	421.0
50.0	47.38	5V50010	M	B3	15/32	1-15/16	6-3/4	1/32	637.1

◆ P.D. = O.D.

Weights for all Sure-Grip bushed items are approximate and include the bushing.

# STOCK NARROW (ULTRA-V) SHEAVES



These sheaves are designed to carry the loads of all belts shown in this catalog and other similarly rated V-Belts. For special higher rated V-Belts, consult Wood's Engineering Department for recommendations.

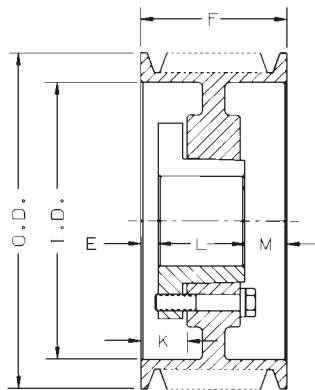
The sheaves listed below are all stock sizes. The dimensions given are with the Sure-Grip bushings in place. When ordering, specify the bushing, if required, and the bore size. The figure following the letter in the "Type" column indicates the sheave construction: 1 – Solid, 2 – Web, 3 – Arms.

## DIMENSIONS (In Inches)

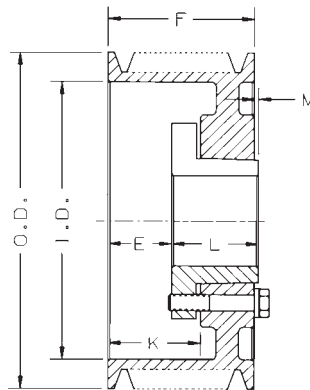
O.D. ◆	I.D.	Product No.	4 GROOVE							Product No.	5 GROOVE						
			F = 4-7/8								F = 6						
			Bush.	Type	E	K	L	M	Wt.		Bush.	Type	E	K	L	M	Wt.
12.5	9.75	8V1254	F	A1	1/8	1-3/16	3-5/8	1-1/8	85.5	8V1255	F	A1	1-1/4	2-5/16	3-5/8	1-1/8	93.3
13.2	10.44	8V1324	F	A2	1/8	1-3/16	3-5/8	1-1/8	78.4	8V1325	F	A2	1-1/4	2-5/16	3-5/8	1-1/8	88.2
14.0	11.25	8V1404	F	A2	1/8	1-3/16	3-5/8	1-1/8	84.5	8V1405	F	A2	1-1/4	2-5/16	3-5/8	1-1/8	95.2
15.0	12.25	8V1504	F	A2	1/8	1-3/16	3-5/8	1-1/8	92.6	8V1505	F	A2	1-1/4	2-5/16	3-5/8	1-1/8	108.0
16.0	13.25	8V1604	F	A2	1/8	1-3/16	3-5/8	1-1/8	98.8	8V1605	F	A2	1-1/4	2-5/16	3-5/8	1-1/8	112.1
17.0	14.25	8V1704	F	A2	1/8	1-3/16	3-5/8	1-1/8	109.4	8V1705	J	A2	3/4	2	4-1/2	3/4	141.0
18.0	15.25	8V1804	F	A2	1/8	1-3/16	3-5/8	1-1/8	118.1	8V1805	J	A2	3/4	2	4-1/2	3/4	157.0
19.0	16.25	8V1904	F	A2	1/8	1-3/16	3-5/8	1-1/8	128.3	8V1905	J	A2	3/4	2	4-1/2	3/4	169.0
20.0	17.25	8V2004	J	A3	3/16	1-7/16	4-1/2	3/16	128.3	8V2005	J	A2	3/4	2	4-1/2	3/4	167.5
21.2	18.44	8V2124	J	A3	3/16	1-7/16	4-1/2	3/16	142.8	8V2125	J	A2	3/4	2	4-1/2	3/4	183.8
22.4	19.62	8V2244	J	A3	3/16	1-7/16	4-1/2	3/16	154.2	8V2245	M	B2	15/32	1-15/16	6-3/4	1-7/32	262.0
24.8	21.90	8V2484	M	C3	21/32	13/16	6-3/4	1-7/32	247.5	8V2485	M	B3	15/32	1-15/16	6-3/4	1-7/32	266.5
30.0	27.12	8V3004	M	C3	21/32	13/16	6-3/4	1-7/32	286.7	8V3005	M	B3	15/32	1-15/16	6-3/4	1-7/32	327.6
35.5	32.50	8V3554	M	C3	21/32	13/16	6-3/4	1-7/32	342.0	8V3555	M	B3	15/32	1-15/16	6-3/4	1-7/32	404.0
40.0	37.00	8V4004	M	C3	21/32	13/16	6-3/4	1-7/32	407.6	8V4005	M	B3	15/32	1-15/16	6-3/4	1-7/32	441.0
44.5	41.60	8V4454	M	C3	21/32	13/16	6-3/4	1-7/32	461.0	8V4455	N	C3	3/4	15/16	8-1/8	1-3/8	580.5
53.0	49.81	8V5304	M	C3	21/32	13/16	6-3/4	1-7/32	557.0	8V5305	N	C3	3/4	15/16	8-1/8	1-3/8	688.0

◆ P.D. = O.D.

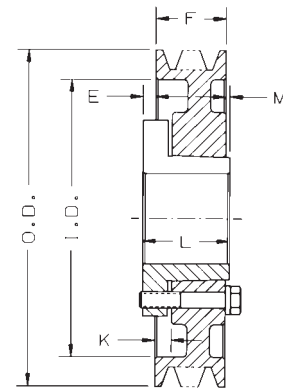
Weights for all Sure-Grip bushed items are approximate and include the bushing.



Type A



Type B



Type C



## DIMENSIONS (In Inches)

O.D. ◆	I.D.	Product No.	6 GROOVE							Product No.	8 GROOVE						
			F = 7-1/8								F = 9-3/8						
			Bush.	Type	E	K	L	M	Wt.		Bush.	Type	E	K	L	M	Wt.
12.5	9.75	8V1256	F	A1	1-1/4	2-5/16	3-5/8	2-1/4	100.9	8V1258	J	A1	2-5/16	3-9/16	4-1/2	2-9/16	129.1
13.2	10.44	8V1326	F	A2	1-1/4	2-5/16	3-5/8	2-1/4	96.6	8V1328	J	A1	2-5/16	3-9/16	4-1/2	2-9/16	144.5
14.0	11.25	8V1406	F	A2	1-1/4	2-5/16	3-5/8	2-1/4	104.1	8V1408	J	A2	2-5/16	3-9/16	4-1/2	2-9/16	136.6
15.0	12.25	8V1506	J	A2	1-5/16	2-9/16	4-1/2	1-5/16	133.0	8V1508	J	A2	2-5/16	3-9/16	4-1/2	2-9/16	146.5
16.0	13.25	8V1606	J	A2	1-5/16	2-9/16	4-1/2	1-5/16	143.5	8V1608	J	A2	2-5/16	3-9/16	4-1/2	2-9/16	164.5
17.0	14.25	8V1706	J	A2	1-5/16	2-9/16	4-1/2	1-5/16	153.0	8V1708	M	A2	2-15/32	3-15/16	6-3/4	5/32	244.1
18.0	15.25	8V1806	J	A2	1-5/16	2-9/16	4-1/2	1-5/16	169.0	8V1808	M	A2	2-15/32	3-15/16	6-3/4	5/32	257.0
19.0	16.25	8V1906	J	A2	1-5/16	2-9/16	4-1/2	1-5/16	182.0	8V1908	M	A2	2-15/32	3-15/16	6-3/4	5/32	280.0
20.0	17.25	8V2006	M	B2	1-15/32	2-15/16	6-3/4	1-3/32	242.8	8V2008	M	A2	2-15/32	3-15/16	6-3/4	5/32	292.6
21.2	18.44	8V2126	M	B2	1-15/32	2-15/16	6-3/4	1-3/32	263.3	8V2128	M	A2	2-15/32	3-15/16	6-3/4	5/32	314.0
22.4	19.62	8V2246	M	B2	1-15/32	2-15/16	6-3/4	1-3/32	280.9	8V2248	M	A2	2-15/32	3-15/16	6-3/4	5/32	338.0
24.8	21.90	8V2486	M	B3	15/32	1-15/16	6-3/4	3/32	285.5	8V2488	N	A3	9/16	2-1/4	8-1/8	11/16	377.0
30.0	27.12	8V3006	M	B3	15/32	1-15/16	6-3/4	3/32	354.4	8V3008	N	A3	9/16	2-1/4	8-1/8	11/16	468.9
35.5	32.50	8V3556	N	C3	9/16	1-1/8	8-1/8	7/16	537.0	8V3558	N	A3	9/16	2-1/4	8-1/8	11/16	588.0
40.0	37.00	8V4006	N	C3	9/16	1-1/8	8-1/8	7/16	549.9	8V4008	N	A3	9/16	2-1/4	8-1/8	11/16	663.0
44.5	41.60	8V4456	N	C3	9/16	1-1/8	8-1/8	7/16	619.5	8V4458	P	B3	3/4	2-5/8	9-3/8	3/4	860.0
53.0	49.81	8V5306	N	C3	9/16	1-1/8	8-1/8	7/16	768.0	8V5308	P	B3	3/4	2-5/8	9-3/8	3/4	992.0
63.0	59.69	8V6306	P	B3	1/8	2	9-3/8	2-3/8	1027.0	8V6308	P	B3	3/4	2-5/8	9-3/8	3/4	1262.0
71.0	67.70	8V7106	P	B3	1/8	2	9-3/8	2-3/8	1200.0	8V7108	W	B3	0	2-1/4	11-3/8	2	1725.0

O.D. ◆	I.D.	Product No.	10 GROOVE							Product No.	12 GROOVE						
			F = 11-5/8								F = 13-7/8						
			Bush.	Type	E	K	L	M	Wt.		Bush.	Type	E	K	L	M	Wt.
12.5	9.75	8V12510	J	A1	2-5/16	3-9/16	4-1/2	4-13/16	148.9	8V12512	M	A1	2-15/32	3-15/16	6-3/4	4-21/32	198.0
13.2	10.44	8V13210	J	A1	2-5/16	3-9/16	4-1/2	4-13/16	148.6	8V13212	M	A1	2-15/32	3-15/16	6-3/4	4-21/32	225.0
14.0	11.25	8V14010	J	A1	2-5/16	3-9/16	4-1/2	4-13/16	161.0	8V14012	M	A1	2-15/32	3-15/16	6-3/4	4-21/32	245.8
15.0	12.25	8V15010	M	A1	2-15/32	3-15/16	6-3/4	2-13/32	264.0	8V15012	M	A1	2-15/32	3-15/16	6-3/4	4-21/32	285.0
16.0	13.25	8V16010	M	A1	2-15/32	3-15/16	6-3/4	2-13/32	296.7	8V16012	M	A1	2-15/32	3-15/16	6-3/4	4-21/32	324.0
17.0	14.25	8V17010	M	A2	2-15/32	3-15/16	6-3/4	2-13/32	269.1	8V17012	M	A2	2-15/32	3-15/16	6-3/4	4-21/32	324.0
18.0	15.25	8V18010	M	A2	2-15/32	3-15/16	6-3/4	2-13/32	295.0	8V18012	M	A2	2-15/32	3-15/16	6-3/4	4-21/32	338.0
19.0	16.25	8V19010	M	A2	2-15/32	3-15/16	6-3/4	2-13/32	318.0	8V19012	N	A2	9/16	2-1/4	8-1/8	5-3/16	412.0
20.0	17.25	8V20010	M	A2	2-15/32	3-15/16	6-3/4	2-13/32	318.6	8V20012	N	A2	9/16	2-1/4	8-1/8	5-3/16	411.0
21.2	18.44	8V21210	M	A2	2-15/32	3-15/16	6-3/4	2-13/32	340.7	8V21212	N	A2	9/16	2-1/4	8-1/8	5-3/16	421.0
22.4	19.62	8V22410	N	A2	9/16	2-1/4	8-1/8	2-15/16	411.1	8V22412	N	A2	9/16	2-1/4	8-1/8	5-3/16	478.0
24.8	21.90	8V24810	N	A2	9/16	2-1/4	8-1/8	2-15/16	463.0	8V24812	N	A2	9/16	2-1/4	8-1/8	5-3/16	516.5
30.0	27.12	8V30010	N	A3	9/16	2-1/4	8-1/8	2-15/16	557.5	8V30012	P	A3	3/4	2-5/8	9-3/8	3-3/4	672.1
35.5	32.50	8V35510	P	A3	3/4	2-5/8	9-3/8	1-1/2	727.0	8V35512	P	A3	3/4	2-5/8	9-3/8	3-3/4	837.0
40.0	37.00	8V40010	P	A3	3/4	2-5/8	9-3/8	1-1/2	817.9	8V40012	P	A3	3/4	2-5/8	9-3/8	3-3/4	909.5
44.5	41.60	8V44510	P	A3	3/4	2-5/8	9-3/8	1-1/2	927.0	8V44512	P	A3	3/4	2-5/8	9-3/8	3-3/4	1097.0
53.0	49.81	8V53010	P	A3	3/4	2-5/8	9-3/8	1-1/2	1137.0	8V53012	W	A3	5/8	2-7/8	11-3/8	1-7/8	1482.0
63.0	59.69	8V63010	W	B3	3/8	2-5/8	11-3/8	1/8	1652.0	8V63012	W	A3	5/8	2-7/8	11-3/8	1-7/8	1777.0
71.0	67.70	8V71010	W	B3	3/8	2-5/8	11-3/8	1/8	1865.0	8V71012	W	A3	5/8	2-7/8	11-3/8	1-7/8	2180.0

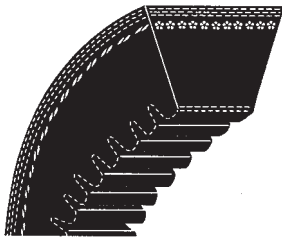
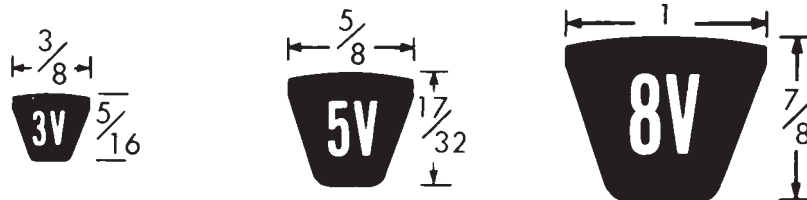
◆ P.D. = O.D.

Weights for all Sure-Grip bushed items are approximate and include the bushing.

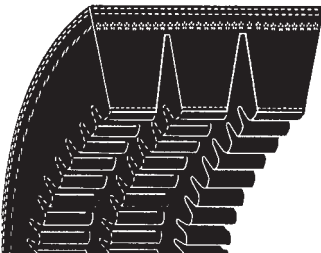
# NARROW (ULTRA-V) V-BELT FEATURES



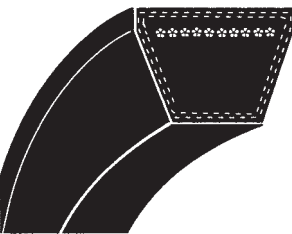
The three cross sections of Wood's Narrow (Ultra-V) belts transmit more horsepower than the five sizes of the Classical (Conventional) V-belt. The narrower geometry of the belt results in cross sections that are up to 50% smaller than the Classical (Conventional) cross sections. This allows the use of smaller diameter sheaves resulting in more compact, lighter weight drives that can operate at higher speeds, reduce bearing loads, and shaft stresses. All Wood's Narrow (Ultra-V) belts are static conducting, and oil and heat resistant.



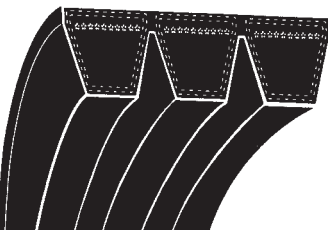
**Narrow (Ultra-V) Cog V-belts** . . . a premium raw edge, cog construction at no extra cost. Up to 30% more horsepower capacity than wrapped belts. The molded cogs offer greater flexibility and better heat dissipation, especially important on drives using smaller diameter sheaves and short center distances. Stock in all 3V lengths, 5V and 8V lengths up to 200 inches.



**Narrow (Ultra-V) Cog Banded V-belts** . . . all the same features of the individual Narrow (Ultra-V) Cog belt, but with the added benefit of multiple belts in a single belt. Should be considered for those problem drives where long center distance, vibration, pulsating or shock loads cause individual belts to whip, turn over, or jump out of sheave grooves. Stock in all 3V and 5V, 2 thru 5 ribs in lengths up to 200 inches.



**Narrow (Ultra-V) V-belts** . . . wrapped construction of 5V and 8V belts over 200 inches long. Handles applications that require longer length belts or larger cross sections where flexibility and compactness are not as critical.



**Narrow (Ultra-V) Banded V-belts** . . . wrapped construction of 5V belts over 200 inches and all 8V section belts. Can be used on those same problem drives as the Narrow (Ultra-V) Cog Banded belts. Stocked in 2 thru 5 ribs (5V section) and 3 thru 5 ribs (8V section).

**Warning: Do not mix raw edge cog and wrapped construction belts on the same drive.**



# NARROW (ULTRA-V) BELTS AND NARROW (ULTRA-V) BANDED V-BELTS

Wood's Narrow belts listed here are described in detail on page B1—13 and are available from stock in all sizes.

3VX Belts			5V Belts			5VX Belts (cont.)			8V and 8VX Belts		
Product No.	Belt Length	Wt.	Product No.	Belt Length	Wt.	Product No.	Belt Length	Wt.	Product No.	Belt Length	Wt.
3VX250	25.0	.1	5V2120	212.0	2.5	5VX710	71.0	.8	8VX1000	100.0	3.5
3VX265	26.5	.1	5V2240	224.0	2.7	5VX730	73.0	.8	8VX1060	106.0	3.7
3VX280	28.0	.1	5V2360	236.0	2.8	5VX740	74.0	.8	8VX1120	112.0	3.9
3VX300	30.0	.1	5V2500	250.0	3.0	5VX750	75.0	.8	8VX1180	118.0	4.2
3VX315	31.5	.1	5V2650	265.0	3.2	5VX780	78.0	.9	8VX1250	125.0	4.4
3VX335	33.5	.2	5V2800	280.0	3.3	5VX800	80.0	.9	8VX1320	132.0	4.6
3VX355	35.5	.2	5V3000	300.0	3.6	5VX810	81.0	.9	8VX1400	140.0	4.9
3VX375	37.5	.2	5V3150	315.0	3.8	5VX830	83.0	.9	8VX1500	150.0	5.3
3VX400	40.0	.2	5V3350	335.0	4.1	5VX840	84.0	.9	8VX1600	160.0	5.6
3VX425	42.5	.2	5V3550	355.0	4.3	5VX850	85.0	.9	8VX1700	170.0	6.0
3VX450	45.0	.2	<b>5VX Belts</b>			5VX860	86.0	1.0	8VX1800	180.0	6.3
3VX475	47.5	.2				5VX880	88.0	1.0	8VX1900	190.0	6.7
3VX500	50.0	.2				5VX900	90.0	1.1	8VX2000	200.0	7.0
3VX530	53.0	.2				5VX930	93.0	1.1	8V2120	212.0	7.5
3VX560	56.0	.2				5VX950	95.0	1.1	8V2240	224.0	7.9
3VX600	60.0	.3				5VX960	96.0	1.1	8V2360	236.0	8.3
3VX630	63.0	.3				5VX1000	100.0	1.2	8V2500	250.0	8.8
3VX650	65.0	.3				5VX1030	103.0	1.2	8V2650	265.0	9.3
3VX670	67.0	.3				5VX1060	106.0	1.2	8V2800	280.0	9.8
3VX710	71.0	.3				5VX1080	108.0	1.2	8V3000	300.0	10.5
3VX750	75.0	.3				5VX1120	112.0	1.3	8V3150	315.0	11.1
3VX800	80.0	.4				5VX1150	115.0	1.3	8V3350	335.0	11.8
3VX850	85.0	.4				5VX1160	116.0	1.4	8V3550	355.0	12.5
3VX900	90.0	.4				5VX1180	118.0	1.4	8V3750	375.0	13.7
3VX950	95.0	.4				5VX1230	123.0	1.4	8V4000	400.0	14.0
3VX1000	100.0	.4				5VX1250	125.0	1.5	8V4250	425.0	14.9
3VX1060	106.0	.5				5VX1320	132.0	1.6	8V4500	450.0	15.8
3VX1120	112.0	.5				5VX1400	140.0	1.7	8V4750	475.0	16.7
3VX1180	118.0	.6				5VX1500	150.0	1.8	8V5000	500.0	17.6
3VX1250	125.0	.6				5VX1600	160.0	1.9			
3VX1320	132.0	.7				5VX1700	170.0	2.0			
3VX1400	140.0	.7				5VX1800	180.0	2.1			
3VX1500	150.0	.7				5VX1900	190.0	2.3			
						5VX2000	200.0	2.4			

## 3VX NARROW (Ultra-V) BANDED V-BELTS

Product No.	Belt Length	Wt. Lbs.	Product No.	Belt Length	Wt. Lbs.	Product No.	Belt Length	Wt. Lbs.	Product No.	Belt Length	Wt. Lbs.	Product No.	Belt Length	Wt. Lbs.
2R3VX250	25.0	.2	4R3VX355	35.5	.6	2R3VX530	53.0	.5	4R3VX750	75.0	1.4	2R3VX1120	112.0	1.0
3R3VX250	25.0	.3	5R3VX355	35.5	.8	3R3VX530	53.0	.7	5R3VX750	75.0	1.7	3R3VX1120	112.0	1.5
4R3VX250	25.0	.4	2R3VX375	37.5	.3	4R3VX530	53.0	1.0	2R3VX800	80.0	.7	4R3VX1120	112.0	2.0
5R3VX250	25.0	.5	3R3VX375	37.5	.5	5R3VX530	53.0	1.2	3R3VX800	80.0	1.1	5R3VX1120	112.0	2.5
2R3VX265	26.5	.2	4R3VX375	37.5	.6	2R3VX560	56.0	.5	4R3VX800	80.0	1.4	2R3VX1180	118.0	1.1
3R3VX265	26.5	.4	5R3VX375	37.5	.8	3R3VX560	56.0	.8	5R3VX800	80.0	1.8	3R3VX1180	118.0	1.6
4R3VX265	26.5	.5	2R3VX400	40.0	.4	4R3VX560	56.0	1.0	2R3VX850	85.0	.8	4R3VX1180	118.0	2.1
5R3VX265	26.5	.6	3R3VX400	40.0	.5	5R3VX560	56.0	1.3	3R3VX850	85.0	1.2	5R3VX1180	118.0	2.7
2R3VX280	28.0	.2	4R3VX400	40.0	.8	2R3VX600	60.0	.5	4R3VX850	85.0	1.5	2R3VX1250	125.0	1.1
3R3VX280	28.0	.4	5R3VX400	40.0	.9	3R3VX600	60.0	.8	5R3VX850	85.0	1.9	3R3VX1250	125.0	1.7
4R3VX280	28.0	.5	2R3VX425	42.5	.4	4R3VX600	60.0	1.1	2R3VX900	90.0	.8	4R3VX1250	125.0	2.3
5R3VX280	28.0	.6	3R3VX425	42.5	.6	5R3VX600	60.0	1.4	3R3VX900	90.0	1.2	5R3VX1250	125.0	2.8
2R3VX300	30.0	.3	4R3VX425	42.5	.8	2R3VX630	63.0	.6	4R3VX900	90.0	1.6	2R3VX1320	132.0	1.2
3R3VX300	30.0	.4	5R3VX425	42.5	1.0	3R3VX630	63.0	.9	5R3VX900	90.0	2.0	3R3VX1320	132.0	1.8
4R3VX300	30.0	.6	2R3VX450	45.0	.4	4R3VX630	63.0	1.1	2R3VX950	95.0	.9	4R3VX1320	132.0	2.4
5R3VX300	30.0	.8	3R3VX450	45.0	.6	5R3VX630	63.0	1.4	3R3VX950	95.0	1.3	5R3VX1320	132.0	3.0
2R3VX315	31.5	.3	4R3VX450	45.0	.8	2R3VX670	67.0	.6	4R3VX950	95.0	1.7	2R3VX1400	140.0	1.3
3R3VX315	31.5	.4	5R3VX450	45.0	1.0	3R3VX670	67.0	.9	5R3VX950	95.0	2.2	3R3VX1400	140.0	1.9
4R3VX315	31.5	.6	2R3VX475	47.5	.4	4R3VX670	67.0	1.2	2R3VX1000	100.0	.9	4R3VX1400	140.0	2.5
5R3VX315	31.5	.8	3R3VX475	47.5	.6	5R3VX670	67.0	1.5	3R3VX1000	100.0	1.4	5R3VX1400	140.0	3.2
2R3VX335	33.5	.3	4R3VX475	47.5	.9	2R3VX710	71.0	.6	4R3VX1000	100.0	1.8			
3R3VX335	33.5	.4	5R3VX475	47.5	1.1	3R3VX710	71.0	1.0	5R3VX1000	100.0	2.3			
4R3VX335	33.5	.6	2R3VX500	50.0	.4	4R3VX710	71.0	1.3	2R3VX1060	106.0	1.0			
5R3VX335	33.5	.8	3R3VX500	50.0	.7	5R3VX710	71.0	1.6	3R3VX1060	106.0	1.4			
2R3VX355	35.5	.3	4R3VX500	50.0	.9	2R3VX750	75.0	.7	4R3VX1060	106.0	1.9			
3R3VX355	35.5	.5	5R3VX500	50.0	1.1	3R3VX750	75.0	1.0	5R3VX1060	106.0	2.4			

# NARROW (ULTRA-V) BANDED V-BELTS



## 5VX NARROW (Ultra-V) BANDED V-BELTS

Product No.	Belt Length	Wt. Lbs.	Product No.	Belt Length	Wt. Lbs.	Product No.	Belt Length	Wt. Lbs.	Product No.	Belt Length	Wt. Lbs.	Product No.	Belt Length	Wt. Lbs.
2R5VX500	50.0	1.3	2R5VX750	75.0	1.9	2R5VX1120	112.0	2.9	2R5VX1700	170.0	4.4	2R5V2500	250.0	6.4
3R5VX500	50.0	1.9	3R5VX750	75.0	2.9	3R5VX1120	112.0	4.3	3R5VX1700	170.0	6.6	3R5V2500	250.0	9.7
4R5VX500	50.0	2.6	4R5VX750	75.0	3.8	4R5VX1120	112.0	5.7	4R5VX1700	170.0	8.7	4R5V2500	250.0	12.9
5R5VX500	50.0	3.3	5R5VX750	75.0	4.8	5R5VX1120	112.0	7.2	5R5VX1700	170.0	10.9	5R5V2500	250.0	16.1
2R5VX530	53.0	1.3	2R5VX800	80.0	2.0	2R5VX1180	118.0	3.0	2R5VX1800	180.0	4.6	2R5V2650	265.0	6.8
3R5VX530	53.0	2.0	3R5VX800	80.0	3.1	3R5VX1180	118.0	4.5	3R5VX1800	180.0	6.9	3R5V2650	265.0	10.3
4R5VX530	53.0	2.7	4R5VX800	80.0	4.1	4R5VX1180	118.0	6.0	4R5VX1800	180.0	9.3	4R5V2650	265.0	13.7
5R5VX530	53.0	3.4	5R5VX800	80.0	5.1	5R5VX1180	118.0	7.6	5R5VX1800	180.0	11.6	5R5V2650	265.0	17.1
2R5VX560	56.0	1.4	2R5VX850	85.0	2.2	2R5VX1250	125.0	3.2	2R5VX1900	190.0	4.9	2R5V2800	280.0	7.2
3R5VX560	56.0	2.1	3R5VX850	85.0	3.2	3R5VX1250	125.0	4.8	3R5VX1900	190.0	7.3	3R5V2800	280.0	10.8
4R5VX560	56.0	2.8	4R5VX850	85.0	4.3	4R5VX1250	125.0	6.4	4R5VX1900	190.0	9.8	4R5V2800	280.0	14.5
5R5VX560	56.0	3.5	5R5VX850	85.0	5.4	5R5VX1250	125.0	8.0	5R5VX1900	190.0	12.2	5R5V2800	280.0	18.1
2R5VX600	60.0	1.5	2R5VX900	90.0	2.3	2R5VX1320	132.0	3.4	2R5VX2000	200.0	5.1	2R5V3000	300.0	7.7
3R5VX600	60.0	2.3	3R5VX900	90.0	3.4	3R5VX1320	132.0	5.1	3R5VX2000	200.0	7.7	3R5V3000	300.0	11.6
4R5VX600	60.0	3.0	4R5VX900	90.0	4.6	4R5VX1320	132.0	6.8	4R5VX2000	200.0	10.3	4R5V3000	300.0	15.5
5R5VX600	60.0	3.8	5R5VX900	90.0	5.7	5R5VX1320	132.0	8.5	5R5VX2000	200.0	12.9	5R5V3000	300.0	19.4
2R5VX630	63.0	1.6	2R5VX950	95.0	2.4	2R5VX1400	140.0	3.6	2R5V2120	212.0	5.5	2R5V3150	315.0	8.1
3R5VX630	63.0	2.4	3R5VX950	95.0	3.6	3R5VX1400	140.0	5.4	3R5V2120	212.0	8.2	3R5V3150	315.0	12.2
4R5VX630	63.0	3.2	4R5VX950	95.0	4.8	4R5VX1400	140.0	7.2	4R5V2120	212.0	10.9	4R5V3150	315.0	16.3
5R5VX630	63.0	4.0	5R5VX950	95.0	6.1	5R5VX1400	140.0	9.0	5R5V2120	212.0	13.7	5R5V3150	315.0	20.3
2R5VX670	67.0	1.7	2R5VX1000	100.0	2.6	2R5VX1500	150.0	3.9	2R5V2240	224.0	5.8	2R5V3350	335.0	8.7
3R5VX670	67.0	2.5	3R5VX1000	100.0	3.8	3R5VX1500	150.0	5.8	3R5V2240	224.0	8.7	3R5V3350	335.0	13.0
4R5VX670	67.0	3.4	4R5VX1000	100.0	5.1	4R5VX1500	150.0	7.7	4R5V2240	224.0	11.5	4R5V3350	335.0	17.3
5R5VX670	67.0	4.2	5R5VX1000	100.0	6.4	5R5VX1500	150.0	9.6	5R5V2240	224.0	14.4	5R5V3350	335.0	21.6
2R5VX710	71.0	1.8	2R5VX1060	106.0	2.7	2R5VX1600	106.0	4.1	2R5V2360	236.0	6.1	2R5V3550	355.0	9.2
3R5VX710	71.0	2.7	3R5VX1060	106.0	4.1	3R5VX1600	106.0	6.2	3R5V2360	236.0	9.1	3R5V3550	355.0	13.7
4R5VX710	71.0	3.6	4R5VX1060	106.0	5.4	4R5VX1600	106.0	8.2	4R5V2360	236.0	12.2	4R5V3550	355.0	18.3
5R5VX710	71.0	4.5	5R5VX1060	106.0	6.8	5R5VX1600	106.0	10.3	5R5V2360	236.0	15.2	5R5V3550	355.0	22.9

## 8V NARROW (Ultra-V) BANDED V-BELTS

Product No.	Belt Length	Wt. Lbs.	Product No.	Belt Length	Wt. Lbs.	Product No.	Belt Length	Wt. Lbs.	Product No.	Belt Length	Wt. Lbs.
3R8V1000	100.0	9.9	3R8V1600	160.0	16.0	3R8V2500	250.0	25.2	3R8V4000	400.0	40.5
4R8V1000	100.0	13.2	4R8V1600	160.0	21.4	4R8V2500	250.0	33.6	4R8V4000	400.0	53.9
5R8V1000	100.0	16.5	5R8V1600	160.0	26.7	5R8V2500	250.0	42.0	5R8V4000	400.0	67.4
3R8V1060	106.0	10.5	3R8V1700	170.0	17.0	3R8V2650	265.0	26.7	3R8V4250	425.0	43.0
4R8V1060	106.0	14.0	4R8V1700	170.0	22.7	4R8V2650	265.0	35.6	4R8V4250	425.0	57.3
5R8V1060	106.0	17.5	5R8V1700	170.0	28.4	5R8V2650	265.0	44.5	5R8V4250	425.0	71.7
3R8V1120	112.0	11.1	3R8V1800	180.0	18.0	3R8V2800	280.0	28.2	3R8V4500	450.0	45.5
4R8V1120	112.0	14.8	4R8V1800	180.0	24.1	4R8V2800	280.0	37.6	4R8V4500	450.0	60.7
5R8V1120	112.0	18.5	5R8V1800	180.0	30.1	5R8V2800	280.0	47.1	5R8V4500	450.0	75.9
3R8V1180	118.0	11.7	3R8V1900	190.0	19.1	3R8V3000	300.0	30.3	3R8V4750	475.0	48.1
4R8V1180	118.0	15.6	4R8V1900	190.0	25.4	4R8V3000	300.0	40.4	4R8V4750	475.0	64.1
5R8V1180	118.0	19.6	5R8V1900	190.0	31.8	5R8V3000	300.0	50.4	5R8V4750	475.0	80.2
3R8V1250	125.0	12.4	3R8V2000	200.0	20.1	3R8V3150	315.0	31.8	3R8V5000	500.0	50.6
4R8V1250	125.0	16.6	4R8V2000	200.0	26.8	4R8V3150	315.0	42.4	4R8V5000	500.0	67.5
5R8V1250	125.0	20.7	5R8V2000	200.0	33.5	5R8V3150	315.0	53.0	5R8V5000	500.0	84.4
3R8V1320	132.0	13.2	3R8V2120	212.0	21.3	3R8V3350	335.0	33.8	3R8V5600	560.0	56.7
4R8V1320	132.0	17.5	4R8V2120	212.0	28.4	4R8V3350	335.0	45.1	4R8V5600	560.0	75.7
5R8V1320	132.0	21.9	5R8V2120	212.0	35.5	5R8V3350	335.0	56.4	5R8V5600	560.0	94.6
3R8V1400	140.0	14.0	3R8V2240	224.0	22.5	3R8V3550	355.0	35.9	3R8V6000	600.0	60.8
4R8V1400	140.0	18.6	4R8V2240	224.0	30.0	4R8V3550	355.0	47.8	4R8V6000	600.0	81.0
5R8V1400	140.0	23.3	5R8V2240	224.0	37.5	5R8V3550	355.0	59.8	5R8V6000	600.0	101.3
3R8V1500	150.0	15.0	3R8V2360	236.0	23.8	3R8V3750	375.0	37.9			
4R8V1500	150.0	20.0	4R8V2360	236.0	31.7	4R8V3750	375.0	50.5			
5R8V1500	150.0	25.0	5R8V2360	236.0	39.6	5R8V3750	375.0	63.2			



# DRIVE SELECTION – NARROW BELTS

## 1. Determine DESIGN HORSEPOWER

DESIGN HORSEPOWER = DriveR HP x Service Factor (See below)

## SERVICE FACTORS

DRIVEN MACHINE See Note 1	DRIVER					
	AC Normal Torque Electric Motor (NEMA Design A-B) See Note 2			AC High Torque Electric Motor (NEMA Design C-D) See Note 3		
	Intermittent Service See Note 4	Normal Service See Note 5	Continuous Service See Note 6	Intermittent Service See Note 4	Normal Service See Note 5	Continuous Service See Note 6
Agitators for Liquids . . . . .						
Blowers and Exhausters . . . . .						
Centrifugal Pumps and Compressors . . . . .	1.0	1.1	1.2	1.1	1.2	1.3
Conveyors (Light Duty) . . . . .						
Fans (up to 10 H.P.) . . . . .						
Belt Conveyors for Sand, Grain, etc. . . . .						
Fans (over 10 H.P.) . . . . .						
Generators . . . . .						
Laundry Machinery . . . . .						
Line Shafts . . . . .						
Machine Tools . . . . .	1.1	1.2	1.3	1.2	1.3	1.4
Mixers (Dough) . . . . .						
Positive Displacement Rotary Pumps . . . . .						
Printing Machinery . . . . .						
Punches-Presses-Shears See Note 1 . . . . .						
Revolving and Vibrating Screens . . . . .						
Blowers (Positive Displacement) . . . . .						
Brick Machinery . . . . .						
Compressors (Piston) See Note 1 . . . . .						
Conveyors (Drag-Pan-Screw) . . . . .						
Elevators (Bucket) . . . . .						
Exciters . . . . .	1.2	1.3	1.4	1.4	1.5	1.6
Hammer Mills . . . . .						
Paper Mill Beaters . . . . .						
Pulverizers . . . . .						
Pumps (Piston) . . . . .						
Saw Mill and Woodworking Machinery . . . . .						
Textile Machinery . . . . .						
Crushers (Giratory-Jaw-Roll) See Note 1 . . . . .						
Mills (Ball-Rod-Tube) See Note 1 . . . . .	1.3	1.4	1.5	1.5	1.6	1.8
Hoists See Note 1 . . . . .						
Rubber Calenders-Extruders-Mills See Note 1						

**Note 1** The Driven Machines listed above are representative samples only. When one of the sheaves of the drive is used as a flywheel to reduce speed fluctuations and equalize the energy exerted at the shaft or for applications involving impact or jam loads specially constructed sheaves may be required. Consult the manufacturer.

**Note 2** Included under this heading are the following electric motors: Synchronous and Squirrel Cage AC Normal Torque, AC Split Phase, DC Shunt Wound and Internal Combustion Engines.

**Note 3** Included under this heading are the following electric motors: AC High Torque, AC Hi-Slip, AC Repulsion, Induction, AC Single Phase Series Wound, AC Slip Ring and DC Compound Wound.

**Note 4** Intermittent Service refers to 3–5 hours of daily or seasonal operation.

**Note 5** Normal Service indicates 8–10 hours of daily operation.

**Note 6** Continuous Service refers to 16–24 hours of daily operation.

**Note 7** If idlers are used, add the following to the service factor.

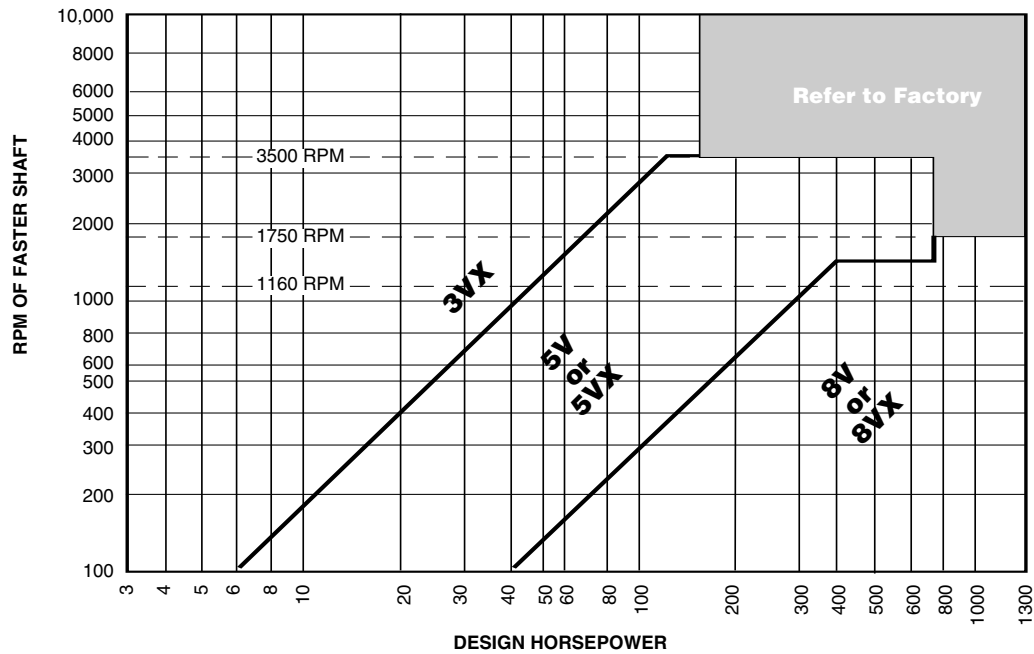
Idler on slack side (inside)	None
Idler on slack side (outside)	0.1
Idler on tight side (inside)	0.1
Idler on tight side (outside)	0.2



# DRIVE SELECTION – NARROW BELTS



2. Select **BELT CROSS SECTION** using chart below.



3. If using a 60 HZ electric motor, **Note the Minimum Motor Sheave Outside Diameter recommended by NEMA.**

Motor Horsepower	MOTOR RPM			
	870	1160	1750	3500
1/2	2.2	...	...	...
3/4	2.4	2.2	...	...
1	2.4	2.4	2.2	...
1-1/2	2.4	2.4	2.4	2.2
2	3.0	2.4	2.4	2.4
3	3.0	3.0	2.4	2.4
5	3.8	3.0	3.0	2.4
7-1/2	4.4	3.8	3.0	3.0
10	4.4	4.4	3.8	3.0
15	5.2	4.4	4.4	3.8
20	6.0	5.2	4.4	4.4
25	6.8	6.0	4.4	4.4
30	6.8	6.8	5.2	...
40	8.2	6.8	6.0	...
50	8.4	8.2	6.8	...
60	10.0	8.2	7.4	...
75	10.0	10.0	8.6	...
100	12.0	10.0	8.6	...
125	...	12.0	10.5	...
150	...	...	10.5	...
200	...	...	13.2	...
250	...	...	...	...
300	...	...	...	...



# DRIVE SELECTION – NARROW BELTS

- BELT LENGTH =  $2 \times C + 1.57 \times (D + d) + [(D - d)^2 / 4 \times C]$
- CENTER DISTANCE =  $1/2 \times [A - h \times (D - d)]$

WHERE:

C = Center Distance (in.)      D = O.D. of larger sheave (in.)  
 L = Belt Length (in.)          d = O.D. of smaller sheave (in.)  
 A =  $L - 1.57 \times (D + d)$       h = Factor from chart below

$\frac{D-d}{A}$	h	$\frac{D-d}{A}$	h	$\frac{D-d}{A}$	h	$\frac{D-d}{A}$	h
0.00	0.00	0.16	0.08	0.30	0.16	0.43	0.24
0.02	0.01	0.18	0.09	0.32	0.17	0.44	0.25
0.04	0.02	0.20	0.10	0.34	0.18	0.46	0.26
0.06	0.03	0.21	0.11	0.35	0.19	0.47	0.27
0.08	0.04	0.23	0.12	0.37	0.20	0.48	0.28
0.10	0.05	0.25	0.13	0.39	0.21	0.50	0.29
0.12	0.06	0.27	0.14	0.40	0.22	0.51	0.30
0.14	0.07	0.29	0.15	0.41	0.23	...	...

## AC FACTORS

$\frac{D-d}{C}$	Factor Ac	$\frac{D-d}{C}$	Factor Ac
0.000	1.000	0.750	0.879
0.025	0.997	0.775	0.874
0.050	0.994	0.800	0.869
0.075	0.990	0.825	0.864
0.100	0.987	0.850	0.858
0.125	0.983	0.875	0.852
0.150	0.980	0.900	0.847
0.175	0.977	0.925	0.841
0.200	0.973	0.950	0.835
0.225	0.969	0.975	0.829
0.250	0.966	1.000	0.823
0.275	0.962	1.025	0.816
0.300	0.958	1.050	0.810
0.325	0.954	1.075	0.803
0.350	0.951	1.100	0.796
0.375	0.947	1.125	0.789
0.400	0.943	1.150	0.782
0.425	0.939	1.175	0.774
0.450	0.935	1.200	0.767
0.475	0.930	1.225	0.759
0.500	0.926	1.250	0.751
0.525	0.922	1.275	0.742
0.550	0.917	1.300	0.734
0.575	0.913	1.325	0.725
0.600	0.908	1.350	0.716
0.625	0.904	1.375	0.706
0.650	0.899	1.400	0.697
0.675	0.894	1.425	0.687
0.700	0.889		
0.725	0.884		

## LC FACTORS

Belt No.	Correction Factor Lc	Belt No.	Correction Factor Lc	Belt No.	Correction Factor Lc
3VX250	.83	5VX500	.85	8VX1060	.88
3VX265	.84	5VX530	.86	8VX1120	.88
3VX280	.85	5VX560	.87	8VX1180	.89
3VX300	.86	5VX600	.88	8VX1250	.90
3VX315	.87	5VX630	.89	8VX1320	.91
3VX335	.88	5VX670	.90	8VX1400	.92
3VX355	.89	5VX710	.91	8VX1500	.93
3VX375	.90	5VX750	.92	8VX1600	.94
3VX400	.92	5VX800	.93	8VX1700	.94
3VX425	.93	5VX850	.94	8VX1800	.95
3VX450	.94	5VX900	.95	8VX1900	.96
3VX475	.95	5VX950	.95	8VX2000	.97
3VX500	.96	5VX1000	.96	8V2120	.97
3VX530	.97	5VX1060	.97	8V2240	.98
3VX560	.98	5VX1120	.98	8V2360	.99
3VX600	.99	5VX1180	.99	8V2500	1.00
3VX630	1.00	5VX1250	1.00	8V2650	1.01
3VX670	1.01	5VX1320	1.01	8V2800	1.02
3VX710	1.02	5VX1400	1.02	8V3000	1.02
3VX750	1.03	5VX1500	1.03	8V3150	1.03
3VX800	1.04	5VX1600	1.04	8V3350	1.04
3VX850	1.05	5VX1700	1.05	8V3550	1.05
3VX900	1.07	5VX1800	1.06	8V3750	1.06
3VX950	1.08	5VX1900	1.07	8V4000	1.07
3VX1000	1.09	5VX2000	1.08	8V4250	1.08
3VX1060	1.10	5V2120	1.09	8V4500	1.09
3VX1120	1.11	5V2240	1.09	8V4750	1.09
3VX1180	1.12	5V2360	1.10	8V5000	1.10
3VX1250	1.13	5V2500	1.11		
3VX1320	1.14	5V2650	1.12		
3VX1400	1.15	5V2800	1.13		
		5V3000	1.14		
		5V3150	1.15		
		5V3350	1.16		
		5V3550	1.17		

# BALANCING STANDARDS

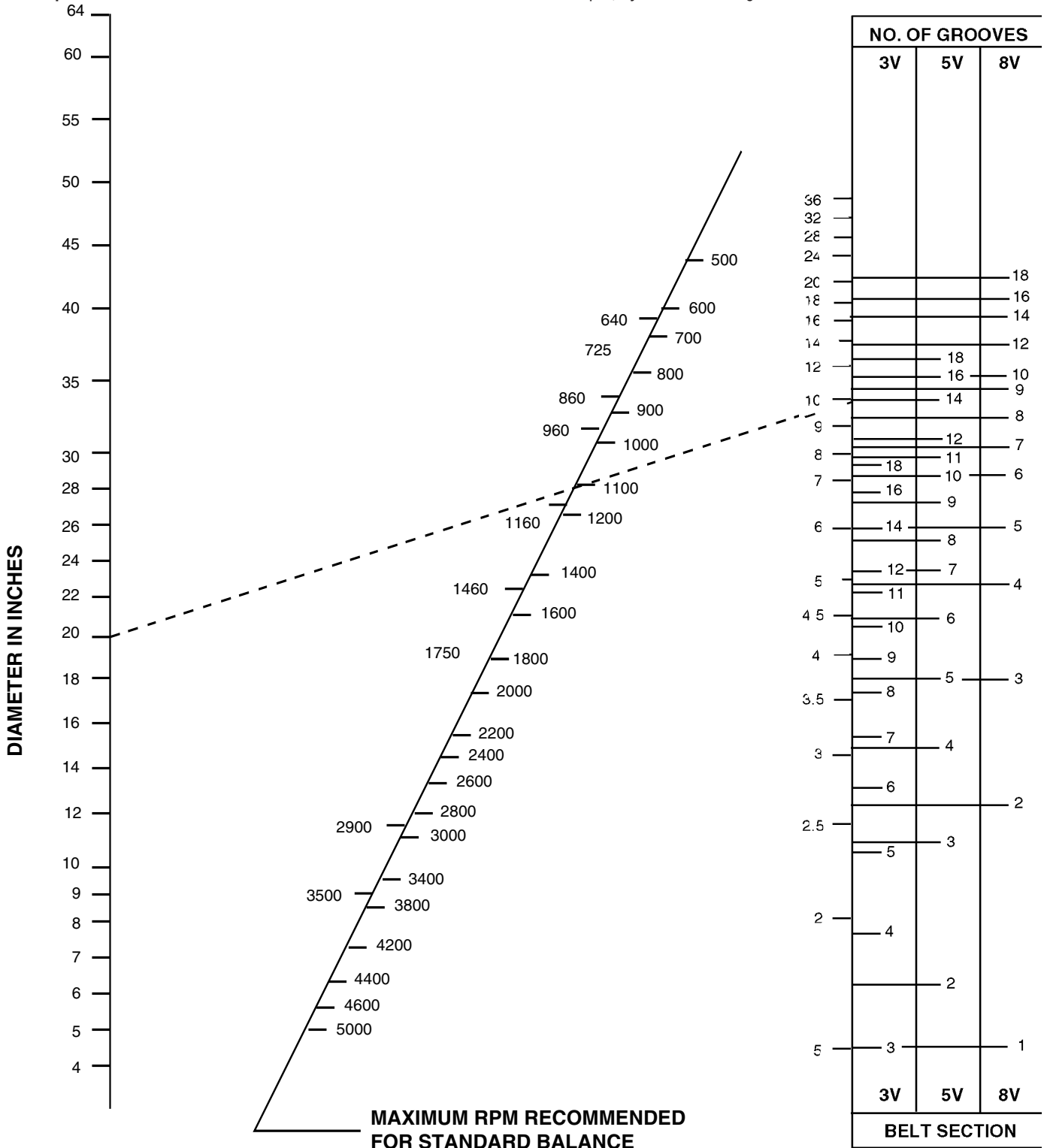


Proper balance of rotating products is important for smooth, vibration-free operation. Standard balance of Wood's stock products is a one plane balance. Depending on the face width, outside diameter, and operating speed a higher precision balance may be required for smooth operation. In those cases a two-plane balance is suggested.

**Note: Two plane balance is for smooth operation only and DOES NOT increase the maximum safe operating speed of the product. Stock cast iron wheels may not exceed 6,550 feet per minute; and ductile iron wheels are limited to 10,000 FPM. (FPM = sheave outside diameter x RPM x .262)**

The nomograph below may be used as a guideline to determine when two-plane balance is recommended. To use this chart lay a straight-edge between the diameter of the part on the left of the chart and the face width of the part on the right. The straight edge will intersect the slanted scale in the center of the chart. When the operating speed is greater than the intersection point a two-plane balance is recommended.

**Example:** If a 20 in. diameter x 10 in. face width sheave runs faster than 1100 rpm, dynamic balancing is recommended.

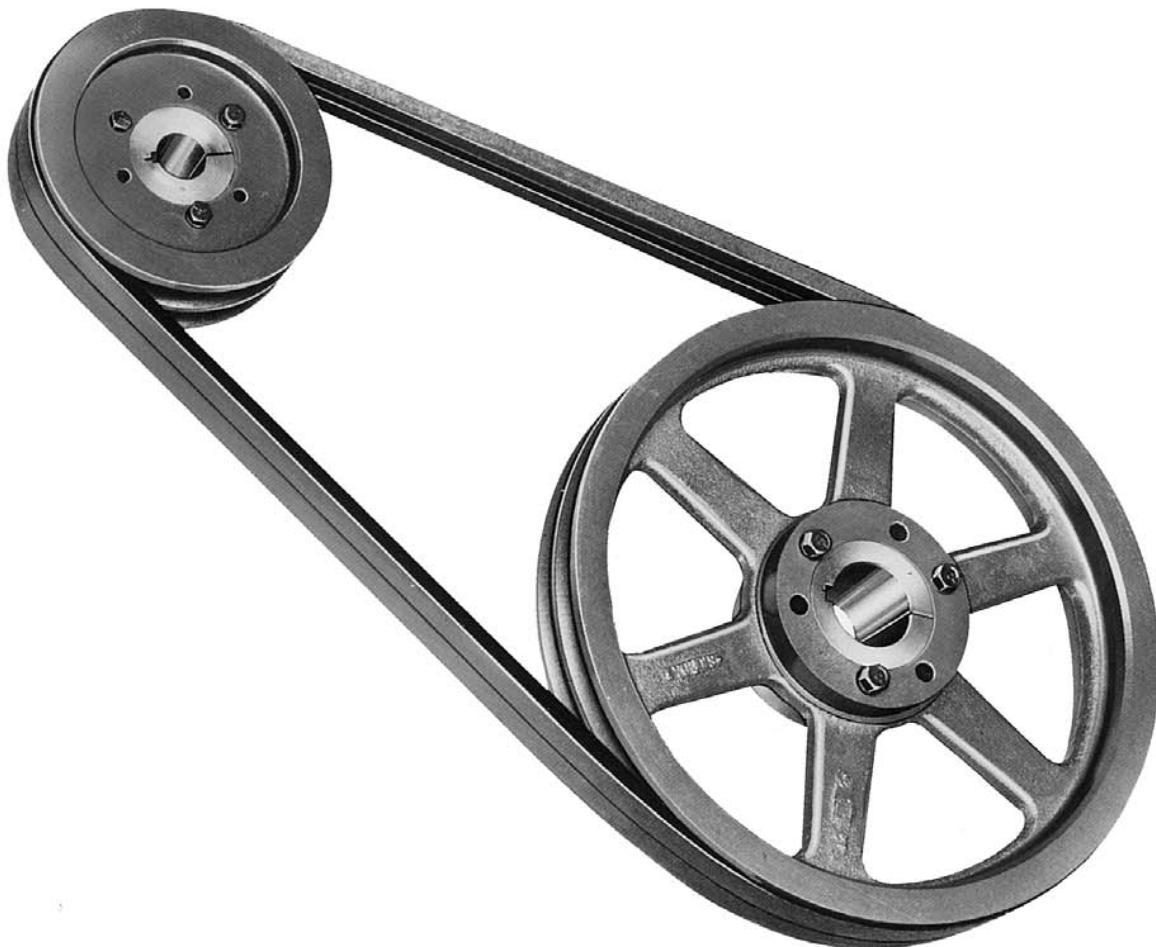




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# **CLASSICAL (CONVENTIONAL) DRIVES**

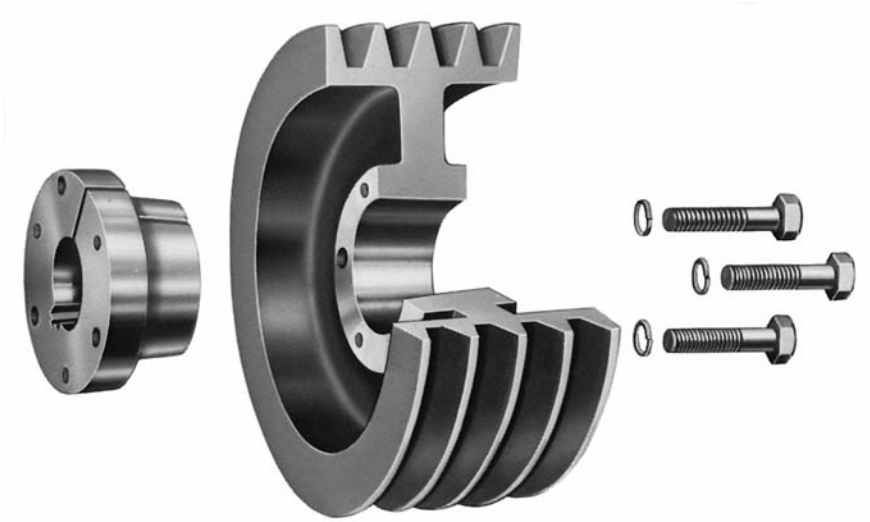
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## CLASSICAL SHEAVE FEATURES

Wood's sheaves are constructed of fine grain, high tensile cast iron, and have been carefully engineered to assure maximum performance over a long life span. Behind each sheave is one of the most extensive engineering design and testing programs in the industry.



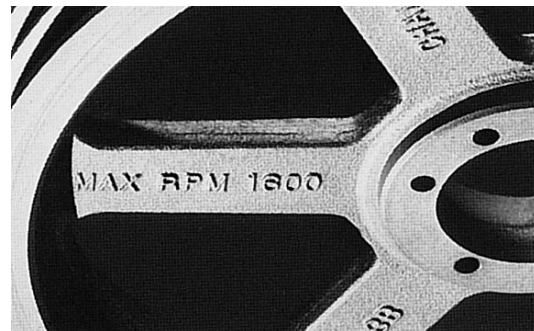
With the advent of higher V-belt ratings, Wood's engineers instituted additional careful test programs to ensure that each Wood's sheave would be capable of safely and dependably delivering the increased performance which was required by the new ratings. Wood's engineers, using a special strain gage test stand, subject sheaves to tension and compression stresses far in excess of those encountered in actual operation.

In another standard test procedure, Wood's sheaves are operated at extremely high speeds. Sheaves are selected from warehouse stocks and tested until they are burst by centrifugal force. Such destructive testing allows Wood's engineers to study the effects of construction and balance on sheave performance. The goal is to assure safe operation at normal speeds. Other continuing programs check product quality in the laboratory and on the manufacturing line.

For applications with special requirements, Wood's sheaves are also available on a made-to-order basis in either cast or ductile iron, and in Sure-Grip or bored-to-suit construction.

Wood's stock classical sheaves are available with the convenient Sure-Grip QD type bushing. Easy to install and remove, these split, tapered bushings grip the shaft with the equivalent of a shrink fit. This tight holding power eliminates freezing and fretting corrosion between the shaft and the bore and assures quick removal and interchangeability when necessary.

Stock sheaves are designed to carry the loads of all belts shown in this catalog and other similarly rated V-Belts. For special higher rated V-Belts, consult Wood's Engineering Department for recommendations.

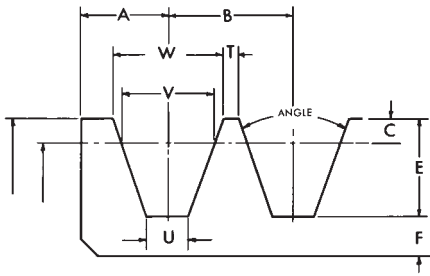


**We cast or stamp the maximum safe operating speed, in rpm, on all sheaves we manufacture.**

# CLASSICAL (CONVENTIONAL) SHEAVE GROOVE DETAILS



## STANDARD GROOVE DIMENSIONS



V-Belt	GROOVE DIMENSIONS IN INCHES										Angle of Groove	Used on Datums
	A	B	C	D	E	V	T	U	W			
A-B	1/2	3/4	.175	.206	.6125	.5053	.1377	.2379	.6123	34°	3.4 to 7.0	
							.1241	.2040	.6259	38°	Over 7.0	
C	1 1/16	1	.200	.200	.780	.757	.121	.402	.879	34°	7.0 to 7.9	
							.113	.380	.887	36°	8.0 to 12.0	
D	7/8	1 7/16	.300	.300	1.050	1.076	.1785	.617	1.259	34°	12.0 to 12.9	
							.1665	.589	1.271	36°	13.0 to 17.0	
							.1545	.550	1.283	38°	Over 17.0	

## STANDARD SHEAVE FACE WIDTHS

Groove Section	FACE WIDTH OF SHEAVE IN INCHES																		For Each Additional Groove Add	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
A	3/4	1 3/8	2	2 5/8	3 1/4	3 7/8	4 1/2	5 1/8	5 3/4	6 3/8	7	7 5/8	8 1/4	8 7/8	9 1/2	10 1/8	10 3/4	11 3/8	11 3/8	5/8
B	1	1 3/4	2 1/2	3 1/4	4	4 3/4	5 1/2	6 1/4	7	7 3/4	8 1/2	9 1/4	10	10 3/4	11 1/2	12 1/4	13	13 3/4	13 3/4	3/4
C	1 3/8	2 3/8	3 3/8	4 3/8	5 3/8	6 3/8	7 3/8	8 3/8	9 3/8	10 3/8	11 3/8	12 3/8	13 3/8	14 3/8	15 3/8	16 3/8	17 3/8	18 3/8	18 3/8	1
D	1 3/4	3 3/16	4 5/8	6 1/16	7 1/2	8 15/16	10 3/8	11 13/16	13 1/4	14 11/16	16 1/8	17 9/16	19	20 7/16	21 7/8	23 13/16 *	25 1/4 *	26 11/16 *	26 11/16 *	1 7/16

\* Sheaves 16D groove and over have 1/2 inch added to overall face width. All dimensions in inches.

## DEEP GROOVE DIMENSIONS

V-Belt	GROOVE DIMENSIONS IN INCHES												Angle of Groove	Used on Datums
	A	B	C	D	E	V	T	U	W					
A	9/16	7/8	.355	.065	.7925	.5053	.153	.238	.747	34°	4.6 to 7.0			
							.125	.204	.774	38°	Over 7.0			
C	1 3/16	1 1/4	.505	.200	1.085	.757	.1840	.402	1.066	34°	7.0 to 7.99			
							.145	.358	1.105	38°	Over 12.0			
D	1 1/16	1 3/4	.715	.300	1.465	1.076	.237	.617	1.513	34°	12.0 to 12.99			
							.209	.589	1.541	36°	13.0 to 17.0			
							.181	.560	1.569	38°	Over 17.0			

## DEEP GROOVE SHEAVE FACE WIDTHS

V-Belt	FACE WIDTH OF SHEAVE IN INCHES																		For Each Additional Groove Add	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
B	1 1/8	2	2 7/8	3 3/4	4 5/8	5 1/2	6 3/8	7 1/4	8 1/8	9	9 7/8	10 3/4	11 5/8	12 1/2	13 3/8	14 1/4	15 1/8	16	16	7/8
C	1 5/8	2 7/8	4 1/8	5 3/8	6 5/8	7 7/8	9 1/8	10 3/8	11 5/8	12 7/8	14 1/8	15 3/8	16 5/8	17 7/8	19 1/8	20 3/8	21 5/8	22 7/8	22 7/8	1 1/4
D	2 1/8	3 7/8	5 5/8	7 3/8	9 1/8	10 7/8	12 5/8	14 3/8	16 1/8	17 7/8	19 5/8	21 3/8	23 1/8	24 7/8	26 5/8	28 3/8	30 1/8	31 7/8	31 7/8	1 3/4

# STOCK CLASSICAL (CONVENTIONAL) SHEAVES

These Classical Sheaves are designed to carry the loads of all belts shown in this catalog and other similarly rated V-Belts. For special higher rated V-Belts, consult Wood's Application Engineering Department for recommendations.


The sheaves listed below are all stock sizes. The dimensions given are with the Sure-Grip bushing in place. The figure following the letter in the "Type" column indicates the sheave construction: 1-Solid; 2-Web, 3-Arms.

## DIMENSIONS (In Inches)

Datum Dia.		O.D.	I.D.	Product No.	1 GROOVE							Product No.	2 GROOVE						
A Belts	B Belts				F = 7/8 & 1								F = 1-3/4						
					E *	Type	Bush.	K	L	M	Wt.		E *	Type	Bush.	K	L	M	Wt.
3.0	3.4	3.75	2.12	<b>341B</b>	1/2	D1	SH	1/16	1-1/4	1/8	1.8	<b>342B</b>	1-1/16	E1	SH	0	1-1/4	9/16	2.9
3.2	3.6	3.95	2.25	<b>361B</b>	1/2	D1	SH	1/16	1-1/4	1/8	2.1	<b>362B</b>	7/8	E1	SH	-3/16	1-1/4	3/8	3.2
3.4	3.8	4.15	2.44	<b>381B</b>	1/2	D1	SH	1/16	1-1/4	1/8	2.3	<b>382B</b>	7/8	E1	SH	-3/16	1-1/4	3/8	3.6
3.6	4.0	4.35	2.75	<b>401B</b>	1/4	C1	SH	5/16	1-1/4	1/8	2.8	<b>402B</b>	1/8	A1	SH	11/16	1-1/4	3/8	3.8
3.8	4.2	4.55	2.94	<b>421B</b>	1/4	C1	SH	5/16	1-1/4	1/8	3.0	<b>422B</b>	1/8	A1	SH	11/16	1-1/4	3/8	4.3
4.0	4.4	4.75	3.12	<b>441B</b>	1/4	C1	SH	5/16	1-1/4	1/8	3.3	<b>442B</b>	1/8	A1	SH	11/16	1-1/4	3/8	4.7
4.2	4.6	4.95	3.38	<b>461B</b>	5/16	C1	SDS	5/16	1-5/16	1/8	3.8	<b>462B</b>	1/16	A1	SDS	11/16	1-5/16	3/8	4.8
4.4	4.8	5.15	3.50	<b>481B</b>	5/16	C1	SDS	5/16	1-5/16	1/8	3.8	<b>482B</b>	1/16	A1	SDS	11/16	1-5/16	3/8	5.5
4.6	5.0	5.35	3.62	<b>501B</b>	5/16	C1	SDS	5/16	1-5/16	1/8	4.1	<b>502B</b>	1/16	A1	SDS	11/16	1-5/16	3/8	5.6
4.8	5.2	5.55	3.81	<b>521B</b>	5/16	C1	SDS	5/16	1-5/16	1/8	4.3	<b>522B</b>	1/16	A1	SDS	11/16	1-5/16	3/8	6.6
5.0	5.4	5.75	4.00	<b>541B</b>	5/16	C1	SDS	5/16	1-5/16	1/8	4.6	<b>542B</b>	1/16	A1	SDS	11/16	1-5/16	3/8	6.5
5.2	5.6	5.95	4.31	<b>561B</b>	5/16	C1	SDS	5/16	1-5/16	1/8	5.1	<b>562B</b>	1/16	A1	SDS	11/16	1-5/16	3/8	7.4
5.4	5.8	6.15	4.41	<b>581B</b>	5/16	C1	SDS	5/16	1-5/16	1/8	5.3	<b>582B</b>	1/16	A1	SDS	11/16	1-5/16	3/8	7.6
5.6	6.0	6.35	4.50	<b>601B</b>	5/16	C1	SDS	5/16	1-5/16	1/8	5.6	<b>602B</b>	1/16	A1	SDS	11/16	1-5/16	3/8	8.2
5.8	6.2	6.55	4.81	<b>621B</b>	5/16	C1	SDS	5/16	1-5/16	1/8	5.8	<b>622B</b>	1/16	A1	SDS	11/16	1-5/16	3/8	8.5
6.0	6.4	6.75	4.88	<b>641B</b>	5/16	C1	SDS	5/16	1-5/16	1/8	6.2	<b>642B</b>	1/16	A1	SDS	11/16	1-5/16	3/8	9.2
6.2	6.6	6.95	5.22	<b>661B</b>	5/16	C1	SDS	5/16	1-5/16	0	7.4	<b>662B</b>	1/16	A1	SDS	11/16	1-5/16	3/8	9.5
6.4	6.8	7.15	5.31	<b>681B</b>	5/16	C1	SDS	5/16	1-5/16	0	7.9	<b>682B</b>	1/16	A1	SDS	11/16	1-5/16	3/8	10.3
6.6	7.0	7.35	5.50	<b>701B</b>	1/2	D2	SDS	1/8	1-5/16	3/16	6.8	<b>702B</b>	9/32	D1	SK	7/16	1-7/8	5/32	13.3
7.0	7.4	7.75	5.70	<b>741B</b>	1/2	D2	SDS	1/8	1-5/16	3/16	7.7	<b>742B</b>	9/32	D2	SK	7/16	1-7/8	5/32	14.7
7.6	8.0	8.35	6.63	<b>801B</b>	1/2	D2	SDS	1/8	1-5/16	3/16	8.5	<b>802B</b>	9/32	D2	SK	7/16	1-7/8	5/32	14.0
8.2	8.6	8.95	7.25	<b>861B</b>	1/2	D2	SDS	1/8	1-5/16	3/16	9.6	<b>862B</b>	9/32	D2	SK	7/16	1-7/8	5/32	15.3
9.0	9.4	9.75	8.00	<b>941B</b>	1/2	D3	SDS	1/8	1-5/16	3/16	8.9	<b>942B</b>	9/32	D3	SK	7/16	1-7/8	5/32	14.5
10.6	11.0	11.35	9.62	<b>1101B</b>	1/2	D3	SDS	1/8	1-5/16	3/16	11.7	<b>1102B</b>	9/32	D3	SK	7/16	1-7/8	5/32	17.0
12.0	12.4	12.75	11.06	<b>1241B</b>	1/2	D3	SDS	1/8	1-5/16	3/16	12.2	<b>1242B</b>	9/32	D3	SK	7/16	1-7/8	5/32	21.0
13.2	13.6	13.95	12.25	<b>1361B</b>	1/2	D3	SDS	1/8	1-5/16	3/16	14.0	<b>1362B</b>	9/32	D3	SK	7/16	1-7/8	5/32	23.1
15.0	15.4	15.75	14.00	<b>1541B</b>	19/32	C3	SK	1/8	1-7/8	9/32	20.3	<b>1542B</b>	9/32	D3	SK	7/16	1-7/8	5/32	28.7
15.6	16.0	16.35	14.62	<b>1601B</b>	19/32	C3	SK	1/8	1-7/8	9/32	18.4	<b>1602B</b>	9/32	D3	SK	7/16	1-7/8	5/32	25.5
18.0	18.4	18.75	17.00	<b>1841B</b>	19/32	C3	SK	1/8	1-7/8	9/32	23.7	<b>1842B</b>	9/32	D3	SK	7/16	1-7/8	5/32	29.6
19.6	20.0	20.35	18.50	<b>2001B</b>	19/32	C3	SK	1/8	1-7/8	9/32	30.7	<b>2002B</b>	5/16	D3	SF	3/8	2	1/16	43.5
24.6	25.0	25.35	23.38	<b>2501B</b>	11/16	C3	SF	0	2	1/4	44.0	<b>2502B</b>	5/16	D3	SF	3/8	2	1/16	53.7
29.6	30.0	30.35	28.50	<b>3001B</b>	11/16	C3	SF	0	2	1/4	55.0	<b>3002B</b>	5/16	D3	SF	3/8	2	1/16	64.7
37.6	38.0	38.35	36.38	...	...	...	...	...	...	...	...	<b>3802B</b>	5/16	D3	SF	3/8	2	1/16	97.9

\* "E" Dimension varies according to shaft tolerance.

Weights for all Sure-Grip bushed items are approximate and include the bushing.

 Also available from stock made for the SF Bushing to accommodate larger bores.

P.D. for "A" Belts = DD + .25

P.D. for "B" Belts = DD + .413

Sure-Grip Bushing dimensions — see section A1

# STOCK CLASSICAL (CONVENTIONAL) SHEAVES



## DIMENSIONS (In Inches)

Datum Dia.		O.D.	I.D.	Product No.	3 GROOVE							Product No.	4 GROOVE						
A	B				F = 2-1/2								F = 3-1/4						
Belts	Belts				E *	Type	Bush.	K	L	M	Wt.		E *	Type	Bush.	K	L	M	Wt.
3.0	3.4	3.75	2.12	343B	1-13/16	E1	SH	0	1-1/4	9/16	3.7	344B	2-3/8	E1	SD	7/16	1-13/16	15/16	5.6
3.2	3.6	3.95	2.25	363B	1-5/8	E1	SH	3/16	1-1/4	3/8	4.1	364B	2-3/8	E1	SD	7/16	1-13/16	15/16	6.2
3.4	3.8	4.15	2.44	383B	1-5/8	E1	SH	3/16	1-1/4	3/8	4.5	384B	2-3/8	E1	SD	5/16	1-13/16	15/16	6.2
3.6	4.0	4.35	2.75	403B	1/2	A1	SH	1-1/16	1-1/4	3/4	4.7	404B	2-1/16	E1	SD	0	1-13/16	5/8	6.5
3.8	4.2	4.55	2.88	423B	1/2	A1	SH	1-1/16	1-1/4	3/4	5.3	424B	2-1/16	E1	SD	0	1-13/16	5/8	6.9
4.0	4.4	4.75	3.12	443B	1/2	A1	SH	1-1/16	1-1/4	3/4	5.6	444B	2-1/16	E1	SD	0	1-13/16	5/8	7.4
4.2	4.6	4.95	3.35	463B	7/16	A1	SD	1-1/16	1-13/16	1/4	6.8	464B	11/16	A1	SD	1-5/16	1-13/16	3/4	8.0
4.4	4.8	5.15	3.44	483B	7/16	A1	SD	1-1/16	1-13/16	1/4	7.5	484B	11/16	A1	SD	1-5/16	1-13/16	3/4	8.8
4.6	5.0	5.35	3.62	503B	7/16	A1	SD	1-1/16	1-13/16	1/4	8.1	504B	11/16	A1	SD	1-5/16	1-13/16	3/4	9.1
4.8	5.2	5.55	3.81	523B	7/16	A1	SD	1-1/16	1-13/16	1/4	8.8	524B	11/16	A1	SD	1-5/16	1-13/16	3/4	10.2
5.0	5.4	5.75	4.06	543B	7/16	A1	SD	1-1/16	1-13/16	1/4	9.3	544B	11/16	A1	SD	1-5/16	1-13/16	3/4	10.5
5.2	5.6	5.95	4.25	563B	7/16	A1	SD	1-1/16	1-13/16	1/4	10.0	564B	11/16	A1	SD	1-5/16	1-13/16	3/4	11.3
5.4	5.8	6.15	4.42	583B	7/16	A1	SD	1-1/16	1-13/16	1/4	10.7	584B	11/16	A1	SD	1-5/16	1-13/16	3/4	12.1
5.6	6.0	6.35	4.68	603B	7/16	A2	SD	1-1/16	1-13/16	1/4	11.2	604B	11/16	A1	SD	1-5/16	1-13/16	3/4	13.3
5.8	6.2	6.55	4.82	623B	7/16	A1	SD	1-1/16	1-13/16	1/4	12.6	624B	11/16	A1	SD	1-5/16	1-13/16	3/4	14.4
6.0	6.4	6.75	5.06	643B	7/16	A1	SD	1-1/16	1-13/16	1/4	13.0	644B	11/16	A1	SD	1-5/16	1-13/16	3/4	15.1
6.2	6.6	6.95	5.25	663B	7/16	A1	SD	1-1/16	1-13/16	1/4	10.5	664B	11/16	A1	SD	1-5/16	1-13/16	3/4	15.3
6.4	6.8	7.15	5.44	683B	7/16	A2	SD	1-1/16	1-13/16	1/4	11.5	684B	11/16	A1	SD	1-5/16	1-13/16	3/4	16.8
6.6	7.0	7.35	5.62	703B	1/32	D2	SK	11/16	1-7/8	21/32	15.2	704B	9/32	A1	SK	1	1-7/8	1-3/32	17.2
7.0	7.4	7.75	6.06	743B	1/32	D2	SK	11/16	1-7/8	21/32	16.9	744B	9/32	A2	SK	1	1-7/8	1-3/32	16.2
7.6	8.0	8.35	6.73	803B	1/32	D2	SK	11/16	1-7/8	21/32	15.7	804B	9/32	A2	SK	1	1-7/8	1-3/32	18.1
8.2	8.6	8.95	7.31	863B	1/32	D2	SK	11/16	1-7/8	21/32	17.6	864B	9/32	A2	SK	1	1-7/8	1-3/32	22.0
9.0	9.4	9.75	8.00	943B	1/32	D3	SK	11/16	1-7/8	21/32	18.0	944B	9/32	A2	SK	1	1-7/8	1-3/32	23.9
10.6	11.0	11.35	9.62	1103B	1/32	D3	SK	11/16	1-7/8	21/32	19.6	1104B	9/32	A3	SK	1	1-7/8	1-3/32	40.7
12.0	12.4	12.75	11.06	1243B	1/32	D3	SK	11/16	1-7/8	21/32	22.5	1244B	9/32	A3	SK	1	1-7/8	1-3/32	28.4
13.2	13.6	13.95	12.25	1363B	1/32	D3	SK	11/16	1-7/8	21/32	26.4	1364B	9/32	A3	SK	1	1-7/8	1-3/32	29.9
15.0	15.4	15.75	14.00	1543B	1/32	D3	SK	11/16	1-7/8	21/32	30.4	1544B	5/16	A3	SF	1	2	15/16	40.3
15.6	16.0	16.35	14.62	1603B	1/32	D3	SK	11/16	1-7/8	21/32	32.7	1604B	5/16	A3	SF	1	2	15/16	38.7
18.0	18.4	18.75	17.00	1843B	1/32	D3	SK	11/16	1-7/8	21/32	35.6	1844B	5/16	A3	SF	1	2	15/16	44.9
19.6	20.0	20.35	18.50	2003B	1/16	D3	SF	5/8	2	9/16	45.7	2004B	5/16	A3	SF	1	2	15/16	56.6
24.6	25.0	25.35	23.38	2503B	1/16	D3	SF	5/8	2	9/16	65.8	2504B	3/32	A3	E	1	2-5/8	17/32	83.2
29.6	30.0	30.35	28.50	3003B	1/16	D3	SF	5/8	2	9/16	90.4	3004B	3/32	A3	E	1	2-5/8	17/32	110.1
37.6	38.0	38.35	36.38	3803B	9/32	D3	E	5/8	2-5/8	5/32	143.3	3804B	3/32	A3	E	1	2-5/8	17/32	158.0

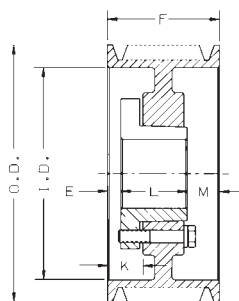
\* "E" Dimension varies according to shaft tolerance.

Weights for all Sure-Grip bushed items are approximate and include the bushing.

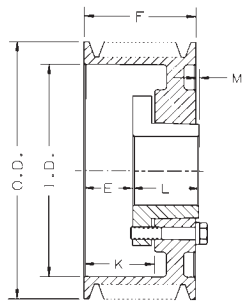
Also available from stock made for the SF Bushing to accommodate larger bores.

P.D. for "A" Belts = DD + .25

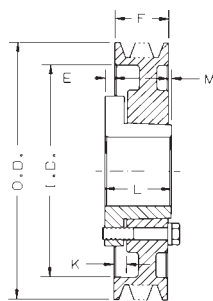
P.D. for "B" Belts = DD + .413



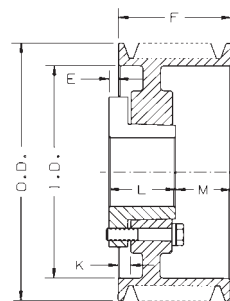
Type A



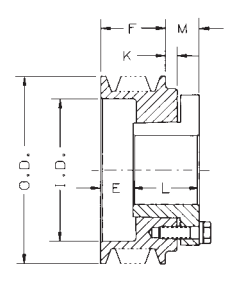
Type B



Type C



Type D



Type E

Sure-Grip Bushing dimensions — see section A1

These Classical Sheaves are designed to carry the loads of all belts shown in this catalog and other similarly rated V-Belts. For special higher rated V-Belts, consult Wood's Application Engineering Department for recommendations.

The sheaves listed below are all stock sizes. The dimensions given are with the Sure-Grip bushing in place. The figure following the letter in the "Type" column indicates the sheave construction: 1-Solid; 2-Web, 3-Arms.

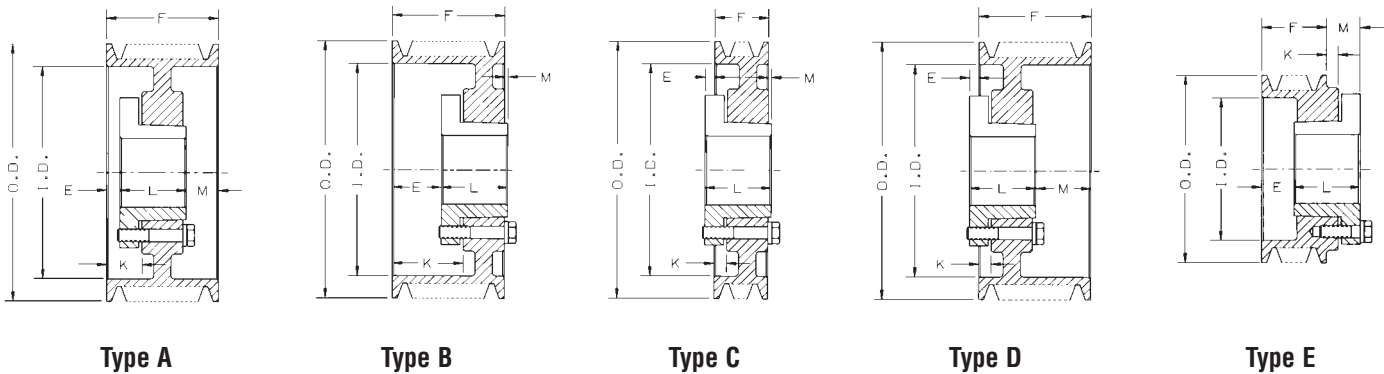
### DIMENSIONS (In Inches)

Datum Dia.		O.D.	I.D.	Product No.	5 GROOVE							Product No.	6 GROOVE						
A Belts	B Belts				F = 4								F = 4-3/4						
					E *	Type	Bush.	K	L	M	Wt.		E *	Type	Bush.	K	L	M	Wt.
3.0	3.4	3.75	2.12	345B	3-1/8	E1	SD	5/16	1-13/16	15/16	6.5	346B	3-7/8	E1	SD	5/16	1-13/16	15/16	7.2
3.2	3.6	3.95	2.25	365B	3-1/8	E1	SD	5/16	1-13/16	15/16	7.1	366B	3-7/8	E1	SD	5/16	1-13/16	15/16	8.0
3.4	3.8	4.15	2.44	385B	3-1/8	E1	SD	5/16	1-13/16	15/16	7.2	386B	3-7/8	E1	SD	5/16	1-13/16	15/16	8.1
3.6	4.0	4.35	2.62	405B	2-13/16	E1	SD	0	1-13/16	5/8	7.5	406B	3-9/16	E1	SD	0	1-13/16	5/8	8.5
3.8	4.2	4.55	2.88	425B	2-13/16	E1	SD	0	1-13/16	5/8	7.9	426B	3-9/16	E1	SD	0	1-13/16	5/8	9.0
4.0	4.4	4.75	3.12	445B	2-13/16	E1	SD	0	1-13/16	5/8	8.4	446B	3-9/16	E1	SD	0	1-13/16	5/8	9.5
4.2	4.6	4.95	3.31	465B	11/16	A1	SD	1-5/16	1-13/16	1-1/2	9.1	466B	11/16	A1	SD	1-5/16	1-13/16	2-1/4	10.2
4.4	4.8	5.15	3.44	485B	11/16	A1	SD	1-5/16	1-13/16	1-1/2	10.1	486B	11/16	A1	SD	1-5/16	1-13/16	2-1/4	11.0
4.6	5.0	5.35	3.62	505B	11/16	A1	SD	1-5/16	1-13/16	1-1/2	10.8	506B	11/16	A1	SD	1-5/16	1-13/16	2-1/4	11.8
4.8	5.2	5.55	3.81	525B	11/16	A1	SD	1-5/16	1-13/16	1-1/2	11.6	526B	11/16	A1	SD	1-5/16	1-13/16	2-1/4	13.0
5.0	5.4	5.75	4.12	545B	19/32	A1	SK	1-5/16	1-7/8	1-17/32	12.0	546B	19/32	A1	SK	1-5/16	1-7/8	2-9/32	13.3
5.2	5.6	5.95	4.30	565B	19/32	A1	SK	1-5/16	1-7/8	1-17/32	12.9	566B	19/32	A1	SK	1-5/16	1-7/8	2-9/32	14.6
5.4	5.8	6.15	4.48	585B	19/32	A1	SK	1-5/16	1-7/8	1-17/32	13.7	586B	19/32	A1	SK	1-5/16	1-7/8	2-9/32	15.5
5.6	6.0	6.35	4.68	605B	19/32	A1	SK	1-5/16	1-7/8	1-17/32	14.5	606B	19/32	A1	SK	1-5/16	1-7/8	2-9/32	16.5
5.8	6.2	6.55	4.82	625B	19/32	A1	SK	1-5/16	1-7/8	1-17/32	15.7	626B	19/32	A1	SK	1-5/16	1-7/8	2-9/32	17.4
6.0	6.4	6.75	5.06	645B	19/32	A1	SK	1-5/16	1-7/8	1-17/32	16.3	646B	19/32	A1	SK	1-5/16	1-7/8	2-9/32	18.0
6.2	6.6	6.95	5.29	665B	19/32	A1	SK	1-5/16	1-7/8	1-17/32	17.0	666B	19/32	A1	SK	1-5/16	1-7/8	2-9/32	18.7
6.4	6.8	7.15	5.44	685B	19/32	A1	SK	1-5/16	1-7/8	1-17/32	18.2	686B	19/32	A1	SK	1-5/16	1-7/8	2-9/32	20.1
6.6	7.0	7.35	5.63	705B	5/8	A1	SF	1-5/16	2	1-3/8	19.7	706B	1	A1	SF	1-11/16	2	1-3/4	21.7
7.0	7.4	7.75	6.06	745B	5/8	A1	SF	1-5/16	2	1-3/8	21.5	746B	1	A1	SF	1-11/16	2	1-3/4	23.6
7.6	8.0	8.35	6.63	805B	5/8	A1	SF	1-5/16	2	1-3/8	22.3	806B	1	A1	SF	1-11/16	2	1-3/4	27.1
8.2	8.6	8.95	7.31	865B	5/8	A2	SF	1-5/16	2	1-3/8	20.8	866B	1	A1	SF	1-11/16	2	1-3/4	30.2
9.0	9.4	9.75	8.00	945B	5/8	A3	SF	1-5/16	2	1-3/8	25.1	946B	1	A2	SF	1-11/16	2	1-3/4	25.7
10.6	11.0	11.35	9.62	1105B	5/8	A3	SF	1-5/16	2	1-3/8	31.0	1106B	1	A3	SF	1-11/16	2	1-3/4	36.0
12.0	12.4	12.75	11.06	1245B	5/8	A3	SF	1-5/16	2	1-3/8	34.0	1246B	1	A3	SF	1-11/16	2	1-3/4	37.5
13.2	13.6	13.95	12.31	1365B	5/8	A3	SF	1-5/16	2	1-3/8	36.7	1366B	1	A3	SF	1-11/16	2	1-3/4	41.7
15.0	15.4	15.75	14.06	1545B	5/8	A3	SF	1-5/16	2	1-3/8	42.3	1546B	1	A3	SF	1-11/16	2	1-3/4	46.1
15.6	16.0	16.35	14.62	1605B	5/8	A3	SF	1-5/16	2	1-3/8	47.1	1606B	1	A3	SF	1-11/16	2	1-3/4	51.8
18.0	18.4	18.75	17.00	1845B	5/8	A3	SF	1-5/16	2	1-3/8	54.8	1846B	1	A3	SF	1-11/16	2	1-3/4	60.7
19.6	20.0	20.35	18.56	2005B	11/32	A3	E	1-1/4	2-5/8	1-1/32	79.9	2006B	13/32	A3	E	1-3/8	2-5/8	1-21/32	78.3
24.6	25.0	25.35	23.38	2505B	11/32	A3	E	1-1/4	2-5/8	1-1/32	97.2	2506B	13/32	A3	E	1-3/8	2-5/8	1-21/32	116.8
29.6	30.0	30.35	28.50	3005B	11/32	A3	E	1-1/4	2-5/8	1-1/32	124.2	3006B	13/32	A3	E	1-3/8	2-5/8	1-21/32	144.5
37.6	38.0	38.35	36.38	3805B	11/32	A3	E	1-1/4	2-5/8	1-1/32	172.7	3806B	13/32	A3	E	1-3/8	2-5/8	1-21/32	189.9

\* "E" Dimension varies according to shaft tolerance.

Weights for all Sure-Grip bushed items are approximate and include the bushing.

P.D. for "A" Belts = DD + .25      P.D. for "B" Belts = DD + .413



Sure-Grip Bushing dimensions — see section A1

# STOCK CLASSICAL (CONVENTIONAL) SHEAVES



## DIMENSIONS (In Inches)

Datum Dia.		O.D.	I.D.	Product No.	7 GROOVE							Product No.	8 GROOVE						
A Belts	B Belts				F = 5-1/2								F = 6-1/4						
					E *	Type	Bush.	K	L	M	Wt.		E *	Type	Bush.	K	L	M	Wt.
5.0	5.4	5.75	4.12	547B	1-3/32	A1	SK	1-13/16	1-7/8	2-17/32	14.7	548B	1-3/32	A1	SK	1-13/16	1-7/8	3-9/32	16.0
5.2	5.6	5.95	4.25	567B	1-3/32	A1	SK	1-13/16	1-7/8	2-17/32	16.1	568B	1-3/32	A1	SK	1-13/16	1-7/8	3-9/32	20.6
5.4	5.8	6.15	4.44	587B	1-3/32	A1	SK	1-13/16	1-7/8	2-17/32	17.1	588B	1-3/32	A1	SK	1-13/16	1-7/8	3-9/32	18.7
5.6	6.0	6.35	4.68	607B	1-1/8	A1	SF	1-13/16	2	2-3/8	18.2	608B	1-1/8	A1	SF	1-13/16	2	3-1/8	19.7
5.8	6.2	6.55	4.81	627B	1-1/8	A1	SF	1-13/16	2	2-3/8	19.7	628B	1-1/8	A1	SF	1-13/16	2	3-1/8	21.5
6.0	6.4	6.75	5.06	647B	1-1/8	A1	SF	1-13/16	2	2-3/8	20.3	648B	1-1/8	A1	SF	1-13/16	2	3-1/8	22.0
6.2	6.6	6.95	5.25	667B	1-1/8	A1	SF	1-13/16	2	2-3/8	21.4	668B	1-1/8	A1	SF	1-13/16	2	3-1/8	23.2
6.4	6.8	7.15	5.44	687B	1-1/8	A1	SF	1-13/16	2	2-3/8	22.5	688B	1-1/8	A1	SF	1-13/16	2	3-1/8	24.4
6.6	7.0	7.35	5.62	707B	1-1/8	A1	SF	1-13/16	2	2-3/8	23.7	708B	1-1/8	A1	SF	1-13/16	2	3-1/8	25.7
7.0	7.4	7.75	6.06	747B	1-1/8	A1	SF	1-13/16	2	2-3/8	25.7	748B	1-1/8	A1	SF	1-13/16	2	3-1/8	27.7
8.2	8.6	8.95	7.25	867B	1-3/32	A1	E	2	2-5/8	1-25/32	38.4	868B	1-15/32	A1	E	2-3/8	2-5/8	2-5/32	40.9
9.0	9.4	9.75	8.06	947B	1-3/32	A2	E	2	2-5/8	1-25/32	39.6	948B	1-15/32	A2	E	2-3/8	2-5/8	2-5/32	42.4
10.6	11.0	11.35	9.62	1107B	1-3/32	A2	E	2	2-5/8	1-25/32	48.9	1108B	1-15/32	A2	E	2-3/8	2-5/8	2-5/32	52.2
12.0	12.4	12.75	11.04	1247B	1-3/32	A2	E	2	2-5/8	1-25/32	56.3	1248B	1-15/32	A2	E	2-3/8	2-5/8	2-5/32	59.5
13.2	13.6	13.95	12.25	1367B	1-3/32	A3	E	2	2-5/8	1-25/32	55.8	1368B	1-15/32	A3	E	2-3/8	2-5/8	2-5/32	59.8
15.0	15.4	15.75	14.00	1547B	1-3/32	A3	E	2	2-5/8	1-25/32	67.4	1548B	1-15/32	A3	E	2-3/8	2-5/8	2-5/32	70.8
15.6	16.0	16.35	14.62	1607B	1-3/32	A3	E	2	2-5/8	1-25/32	70.6	1608B	1-15/32	A3	E	2-3/8	2-5/8	2-5/32	73.9
18.0	18.4	18.75	16.75	1847B	1/4	A3	F	1-5/16	3-5/8	1-5/8	102.5	1848B	1/4	A3	F	1-5/16	3-5/8	2-3/8	111.7
19.6	20.0	20.35	18.56	2007B	1/4	A3	F	1-5/16	3-5/8	1-5/8	105.9	2008B	1/4	A3	F	1-5/16	3-5/8	2-3/8	113.4
24.6	25.0	25.35	23.38	2507B	1/4	A3	F	1-5/16	3-5/8	1-5/8	133.6	2508B	1/4	A3	F	1-5/16	3-5/8	2-3/8	145.9
29.6	30.0	30.35	28.38	3007B	1/4	A3	F	1-5/16	3-5/8	1-5/8	172.0	3008B	1/4	A3	F	1-5/16	3-5/8	2-3/8	183.0
37.6	38.0	38.35	36.38	3807B	1/4	A3	F	1-5/16	3-5/8	1-5/8	243.4	3808B	1/4	A3	F	1-5/16	3-5/8	2-3/8	246.9

Datum Dia.		O.D.	I.D.	Product No.	10 GROOVE						
A Belts	B Belts				F = 7-3/4						
					E *	Type	Bush.	K	L	M	Wt.
5.0	5.4	5.75	4.12	5410B	1-27/32	A1	SK	2-9/16	1-7/8	4-1/32	18.7
5.2	5.6	5.95	4.25	5610B	1-27/32	A1	SK	2-9/16	1-7/8	4-1/32	20.6
5.4	5.8	6.15	4.38	5810B	1-27/32	A1	SK	2-9/16	1-7/8	4-1/32	21.8
5.6	6.0	6.35	4.68	6010B	1-7/8	A1	SF	2-9/16	2	3-7/8	22.9
5.8	6.2	6.55	4.81	6210B	1-7/8	A1	SF	2-9/16	2	3-7/8	25.0
6.0	6.4	6.75	5.06	6410B	1-7/8	A1	SF	2-9/16	2	3-7/8	25.5
6.2	6.6	6.95	5.25	6610B	1-7/8	A1	SF	2-9/16	2	3-7/8	26.8
6.4	6.8	7.15	5.44	6810B	1-7/8	A1	SF	2-9/16	2	3-7/8	28.2
6.6	7.0	7.35	5.62	7010B	1-7/8	A1	SF	2-9/16	2	3-7/8	29.6
7.0	7.4	7.75	6.06	7410B	1-7/8	A1	SF	2-9/16	2	3-7/8	31.9
8.2	8.6	8.95	7.25	8610B	2-7/32	A1	E	3-1/8	2-5/8	2-29/32	45.8
9.0	9.4	9.75	8.12	9410B	2-7/32	A2	E	3-1/8	2-5/8	2-29/32	46.7
10.6	11.0	11.35	9.62	11010B	2-7/32	A2	E	3-1/8	2-5/8	2-29/32	58.8
12.0	12.4	12.75	11.06	12410B	2-7/32	A2	E	3-1/8	2-5/8	2-29/32	66.8
13.2	13.6	13.95	12.25	13610B	1	A3	F	2-1/16	3-5/8	3-1/8	83.6
15.0	15.4	15.75	14.00	15410B	1	A3	F	2-1/16	3-5/8	3-1/8	96.1
15.6	16.0	16.35	14.62	16010B	1	A3	F	2-1/16	3-5/8	3-1/8	99.8
18.0	18.4	18.75	16.75	18410B	1	A3	F	2-1/16	3-5/8	3-1/8	125.9
19.6	20.0	20.35	18.56	20010B	1	A3	F	2-1/16	3-5/8	3-1/8	126.6
24.6	25.0	25.35	23.44	25010B	1	A3	F	2-1/16	3-5/8	3-1/8	165.4
29.6	30.0	30.35	28.38	30010B	1	A3	F	2-1/16	3-5/8	3-1/8	220.0
37.6	38.0	38.35	36.38	38010B	5/16	A3	J	1-9/16	4-1/2	2-15/16	306.1

\* "E" Dimension varies according to shaft tolerance.

Weights for all Sure-Grip bushed items are approximate and include the bushing.

P.D. for "A" Belts = DD + .25

P.D. for "B" Belts = DD + .413

Sure-Grip Bushing dimensions — see section A1



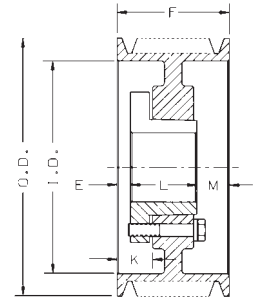
# STOCK CLASSICAL (CONVENTIONAL) SHEAVES

These sheaves are designed to carry the loads of all belts shown in this catalog and other similarly rated V-Belts. For special higher rated V-Belts, consult Wood's Application Engineering Department for recommendations.

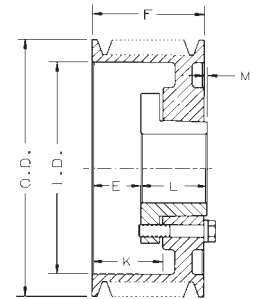
The Classical Sheaves listed below are all stock sizes. The dimensions given are with the Sure-Grip bushing in place. The figure following the letter in the "Type" column indicates the sheave construction: 1-Solid; 2-Web, 3-Arms.

## DIMENSIONS (In Inches)

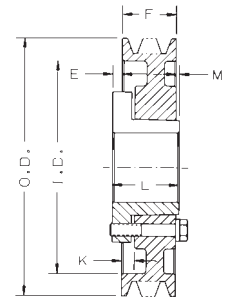
Datum Dia.	O.D. ♦	I.D.	Product No.	1 GROOVE							Product No.	2 GROOVE						
				F = 1-3/8								F = 2-3/8						
				E *	Type	Bush.	K	L	M	Wt.		E *	Type	Bush.	K	L	M	Wt.
5.6	6.0	3.75	...	...	...	...	...	...	...	562C	3/16	A1	SD	13/16	1-13/16	3/8	9.6	
7.0	7.4	5.25	701C	9/16	C1	SF	1/8	2	1/16	12.6	702C	1/8	A1	SF	13/16	2	1/4	15.4
7.5	7.9	5.75	751C	9/16	C1	SF	1/8	2	1/16	14.4	752C	1/8	A1	SF	13/16	2	1/4	17.4
8.0	8.4	6.25	801C	9/16	C1	SF	1/8	2	1/16	16.6	802C	1/8	A1	SF	13/16	2	1/4	19.3
8.5	8.9	6.75	851C	9/16	C2	SF	1/8	2	1/16	15.1	852C	1/8	A1	SF	13/16	2	1/4	21.6
9.0	9.4	7.25	901C	9/16	C2	SF	1/8	2	1/16	16.7	902C	1/8	A2	SF	13/16	2	1/4	21.2
9.5	9.9	7.68	951C	9/16	C2	SF	1/8	2	1/16	18.1	952C	1/8	A2	SF	13/16	2	1/4	20.7
10.0	10.4	8.25	1001C	9/16	C2	SF	1/8	2	1/16	19.1	1002C	1/8	A2	SF	13/16	2	1/4	24.4
10.5	10.9	8.75	1051C	9/16	C2	SF	1/8	2	1/16	20.4	1052C	1/8	A3	SF	13/16	2	1/4	26.2
11.0	11.4	9.25	1101C	9/16	C3	SF	1/8	2	1/16	18.4	1102C	1/8	A2	SF	13/16	2	1/4	22.5
12.0	12.4	10.25	1201C	9/16	C3	SF	1/8	2	1/16	19.9	1202C	1/8	D3	SF	9/16	2	1/2	24.7
13.0	13.4	11.25	1301C	9/16	C3	SF	1/8	2	1/16	21.5	1302C	1/8	D3	SF	9/16	2	1/2	26.9
14.0	14.4	12.25	1401C	9/16	C3	SF	1/8	2	1/16	23.3	1402C	1/8	D3	SF	9/16	2	1/2	28.9
16.0	16.4	14.12	1601C	9/16	C3	SF	1/8	2	1/16	26.5	1602C	1/8	D3	SF	9/16	2	1/2	35.2
18.0	18.4	16.06	1801C	9/16	C3	SF	1/8	2	1/16	32.5	1802C	1/8	D3	SF	9/16	2	1/2	45.2
20.0	20.4	18.06	2001C	9/16	C3	SF	1/8	2	1/16	34.8	2002C	1/8	D3	SF	9/16	2	1/2	45.1
24.0	24.4	22.18	2401C	9/16	C3	SF	1/8	2	1/16	44.2	2402C	1/8	D3	SF	9/16	2	1/2	60.6
27.0	27.4	25.06	...	...	...	...	...	...	...	...	2702C	3/4	C3	F	5/16	3-5/8	1/2	89.8
30.0	30.4	28.18	...	...	...	...	...	...	...	...	3002C	3/4	C3	F	5/16	3-5/8	1/2	114.8



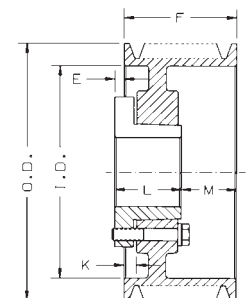
Type A



Type B



Type C



Type D

Datum Dia.	O.D. ♦	I.D.	Product No.	3 GROOVE							Product No.	4 GROOVE							
				F = 3-3/8								F = 4-3/8							
				E *	Type	Bush.	K	L	M	Wt.		E *	Type	Bush.	K	L	M	Wt.	
5.0	5.4	3.25	503C	7/16	A1	SD	1-1/16	1-13/16	1-1/8	9.7	504C	15/16	A1	SD	1-9/16	1-13/16	1-5/8	11.3	
5.6	6.0	3.75	563C	11/16	A1	SD	1-5/16	1-13/16	7/8	12.2	564C	15/16	A1	SD	1-9/16	1-13/16	1-5/8	13.9	
6.0	6.4	4.68	603C	5/8	A1	SF	1-5/16	2	3/4	12.4	604C	7/8	A1	SF	1-9/16	2	1-1/2	13.9	
7.0	7.4	5.25	703C	5/8	A1	SF	1-5/16	2	3/4	18.2	704C	7/8	A1	SF	1-9/16	2	1-1/2	20.3	
7.5	7.9	5.75	753C	5/8	A1	SF	1-5/16	2	3/4	20.5	754C	7/8	A1	SF	1-9/16	2	1-1/2	23.5	
8.0	8.4	6.25	803C	27/32	B1	E	1-3/4	2-5/8	3/32	27.6	804C	1-3/32	A1	E	2	2-5/8	21/32	30.9	
8.5	8.9	6.75	853C	27/32	B1	E	1-3/4	2-5/8	3/32	30.6	854C	1-3/32	A1	E	2	2-5/8	21/32	34.2	
9.0	9.4	7.25	903C	27/32	B1	E	1-3/4	2-5/8	3/32	33.8	904C	1-3/32	A1	E	2	2-5/8	21/32	37.6	
9.5	9.9	7.68	953C	27/32	B1	E	1-3/4	2-5/8	3/32	37.5	954C	1-3/32	A2	E	2	2-5/8	21/32	39.8	
10.0	10.4	8.25	1003C	27/32	B1	E	1-3/4	2-5/8	3/32	40.7	1004C	1-3/32	A2	E	2	2-5/8	21/32	45.8	
10.5	10.9	8.75	1053C	27/32	B2	E	1-3/4	2-5/8	3/32	38.3	1054C	1-3/32	A2	E	2	2-5/8	21/32	42.8	
11.0	11.4	9.25	1103C	27/32	B2	E	1-3/4	2-5/8	3/32	40.5	1104C	1-3/32	A2	E	2	2-5/8	21/32	45.3	
12.0	12.4	10.25	1203C	27/32	B2	E	1-3/4	2-5/8	3/32	45.3	1204C	1-3/32	A2	E	2	2-5/8	21/32	50.5	
13.0	13.4	11.25	1303C	27/32	B2	E	1-3/4	2-5/8	3/32	49.3	1304C	1-3/32	A2	E	2	2-5/8	21/32	56.3	
14.0	14.4	12.25	1403C	27/32	B2	E	1-3/4	2-5/8	3/32	48.6	1404C	1-3/32	A3	E	2	2-5/8	21/32	57.6	
16.0	16.4	14.12	1603C	27/32	B3	E	1-3/4	2-5/8	3/32	58.0	1604C	1-3/32	A3	E	2	2-5/8	21/32	67.1	
18.0	18.4	16.06	1803C	27/32	B3	E	1-3/4	2-5/8	3/32	72.6	1804C	1-3/32	A3	E	2	2-5/8	21/32	82.7	
20.0	20.4	18.06	2003C	3/32	A3	E	1	2-5/8	21/32	75.8	2004C	19/32	A3	E	F	1-1/2	2-5/8	1-5/32	90.5
24.0	24.4	22.06	2403C	3/32	A3	E	1	2-5/8	21/32	85.6	2404C	1/4	A3	F	1-5/16	3-5/8	1/2	110.8	
27.0	27.4	25.06	2703C	1/4	C3	F	13/16	3-5/8	0	121.0	2704C	1/4	A3	F	1-5/16	3-5/8	1/2	138.0	
30.0	30.4	28.18	3003C	1/4	C3	F	13/16	3-5/8	0	129.1	3004C	1/4	A3	F	1-5/16	3-5/8	1/2	150.1	
36.0	36.4	34.12	3603C	1/4	C3	F	13/16	3-5/8	0	177.1	3604C	1/4	A3	F	1-5/16	3-5/8	1/2	211.1	
44.0	44.4	41.88	4403C	1/4	C3	F	13/16	3-5/8	0	260.1	4404C	5/16	B3	J	1-9/16	4-1/2	7/16	296.5	
50.0	50.4	48.00	5003C	1/4	C3	F	13/16	3-5/8	0	319.1	5004C	5/16	B3	J	1-9/16	4-1/2	7/16	360.5	

\* "E" Dimension varies according to shaft tolerance.

Weights for all Sure-Grip bushed items are approximate and include the bushing.

♦ P.D. is same as O.D.

Sure-Grip Bushing dimensions — see section A1

# STOCK CLASSICAL (CONVENTIONAL) SHEAVES



## DIMENSIONS (In Inches)

Datum Dia.	O.D. ♦	I.D.	Product No.	5 GROOVE						Product No.	6 GROOVE							
				F = 5-3/8							F = 6-3/8							
				E *	Type	Bush.	K	L	M		Wt.	E *	Type	Bush.	K	L	M	Wt.
6.0	6.4	4.68	605C	1-5/16	A1	SF	1-15/16	2	2-1/16	15.5	606C	1-5/16	A1	SF	1-15/16	2	3-1/16	17.0
7.0	7.4	5.25	705C	1-1/4	A1	SF	1-15/16	2	2-1/8	23.8	706C	1-1/4	A1	SF	1-15/16	2	3-1/8	26.6
7.5	7.9	5.75	755C	1-1/4	A1	SF	1-15/16	2	2-1/8	26.6	756C	1-1/4	A1	SF	1-15/16	2	3-1/8	29.6
8.0	8.4	6.25	805C	1-15/32	A1	E	2-3/8	2-5/8	1-9/32	36.0	806C	1-15/32	A1	E	2-1/8	2-3/8	2-9/32	37.5
8.5	8.9	6.75	855C	1-15/32	A1	E	2-3/8	2-5/8	1-9/32	37.7	856C	1-15/32	A1	E	2-1/8	2-3/8	2-9/32	41.3
9.0	9.4	7.25	905C	1-15/32	A1	E	2-3/8	2-5/8	1-9/32	41.4	906C	1-3/8	A1	F	2-7/16	3-5/8	1-3/8	53.4
9.5	9.9	7.68	955C	1-15/32	A1	E	2-3/8	2-5/8	1-9/32	46.0	956C	1-3/8	A1	F	2-7/16	3-5/8	1-3/8	59.5
10.0	10.4	8.24	1005C	1-15/32	A1	E	2-3/8	2-5/8	1-9/32	49.3	1006C	1-3/8	A1	F	2-7/16	3-5/8	1-3/8	66.1
10.5	10.9	8.75	1055C	1-15/32	A2	E	2-3/8	2-5/8	1-9/32	47.8	1056C	1-3/8	A1	F	2-7/16	3-5/8	1-3/8	70.4
11.0	11.4	9.25	1105C	1-15/32	A2	E	2-3/8	2-5/8	1-9/32	50.0	1106C	1-3/8	A1	F	2-7/16	3-5/8	1-3/8	76.6
12.0	12.4	10.25	1205C	1-15/32	A2	E	2-3/8	2-5/8	1-9/32	55.7	1206C	1-3/8	A2	F	2-7/16	3-5/8	1-3/8	72.9
13.0	13.4	11.25	1305C	1-15/32	A2	E	2-3/8	2-5/8	1-9/32	62.0	1306C	1-3/8	A2	F	2-7/16	3-5/8	1-3/8	80.4
14.0	14.4	12.25	1405C	1-15/32	A3	E	2-3/8	2-5/8	1-9/32	64.1	1406C	1-3/8	A3	F	2-7/16	3-5/8	1-3/8	83.4
16.0	16.4	14.12	1605C	1-15/32	A3	E	2-3/8	2-5/8	1-9/32	78.1	1606C	1-3/8	A3	F	2-7/16	3-5/8	1-3/8	98.1
18.0	18.4	16.06	1805C	1-15/32	A3	E	2-3/8	2-5/8	1-9/32	92.9	1806C	1-3/8	A3	F	2-7/16	3-5/8	1-3/8	108.7
20.0	20.4	18.12	2005C	1/4	A3	F	1-5/16	3-5/8	1-1/2	109.5	2006C	7/8	A3	F	1-15/16	3-5/8	1-7/8	120.2
24.0	24.4	22.06	2405C	1/4	A3	F	1-5/16	3-5/8	1-1/2	141.0	2406C	7/8	A3	F	1-15/16	3-5/8	1-7/8	132.5
27.0	27.4	25.06	2705C	1/4	A3	F	1-5/16	3-5/8	1-1/2	159.0	2706C	5/16	A3	J	1-9/16	4-1/2	1-9/16	190.0
30.0	30.4	28.18	3005C	1/4	A3	F	1-5/16	3-5/8	1-1/2	171.2	3006C	5/16	A3	J	1-9/16	4-1/2	1-9/16	214.5
36.0	36.4	34.12	3605C	5/16	A3	J	1-9/16	4-1/2	9/16	236.3	3606C	5/16	A3	J	1-9/16	4-1/2	1-9/16	280.5
44.0	44.4	41.88	4405C	5/16	A3	J	1-9/16	4-1/2	9/16	309.2	4406C	5/16	A3	J	1-9/16	4-1/2	1-9/16	347.5
50.0	50.4	48.00	5005C	5/16	A3	J	1-9/16	4-1/2	9/16	381.8	5006C	15/32	B3	M	1-15/16	6-3/4	27/32	533.0

Datum Dia.	O.D. ♦	I.D.	Product No.	7 GROOVE						Product No.	8 GROOVE							
				F = 7-3/8							F = 8-3/8							
				E *	Type	Bush.	K	L	M		Wt.	E *	Type	Bush.	K	L	M	Wt.
7.0	7.4	5.25	707C	2-1/4	A1	SF	2-15/16	2	3-1/8	29.4	708C	2-7/16	A1	SF	3-1/8	2	3-15/16	32.2
8.0	8.4	6.25	807C	2-11/32	A1	E	3-1/4	2-5/8	2-13/32	40.9	808C	2-11/32	A1	E	3-1/4	2-5/8	3-13/32	44.2
8.5	8.9	6.75	857C	2-11/32	A1	E	3-1/4	2-5/8	2-13/32	44.8	858C	2-11/32	A1	E	3-1/4	2-5/8	3-13/32	48.4
9.0	9.4	7.25	907C	2-1/4	A1	F	3-5/16	3-5/8	1-1/2	57.1	908C	2-1/4	A1	F	3-5/16	3-5/8	2-1/2	60.9
9.5	9.9	7.68	957C	2-1/4	A1	F	3-5/16	3-5/8	1-1/2	63.7	958C	2-1/4	A1	F	3-5/16	3-5/8	2-1/2	68.0
10.0	10.4	8.24	1007C	2-1/4	A1	F	3-5/16	3-5/8	1-1/2	68.7	1008C	2-1/4	A1	F	3-5/16	3-5/8	2-1/2	75.1
10.5	10.9	8.75	1057C	2-1/4	A1	F	3-5/16	3-5/8	1-1/2	74.9	1058C	2-1/4	A1	F	3-5/16	3-5/8	2-1/2	79.4
11.0	11.4	9.25	1107C	2-1/4	A1	F	3-5/16	3-5/8	1-1/2	81.3	1108C	2-1/4	A1	F	3-5/16	3-5/8	2-1/2	86.0
12.0	12.4	10.25	1207C	2-1/4	A2	F	3-5/16	3-5/8	1-1/2	78.1	1208C	2-1/4	A2	F	3-5/16	3-5/8	2-1/2	83.3
13.0	13.4	11.25	1307C	2-1/4	A2	F	3-5/16	3-5/8	1-1/2	86.0	1308C	2-1/4	A2	F	3-5/16	3-5/8	2-1/2	91.7
14.0	14.4	12.25	1407C	2-1/4	A2	F	3-5/16	3-5/8	1-1/2	92.2	1408C	2-1/4	A2	F	3-5/16	3-5/8	2-1/2	100.8
16.0	16.4	14.12	1607C	2-1/4	A2	F	3-5/16	3-5/8	1-1/2	111.1	1608C	2-1/4	A2	F	3-5/16	3-5/8	2-1/2	119.0
18.0	18.4	16.06	1807C	2-1/4	A3	F	3-5/16	3-5/8	1-1/2	124.3	1808C	2-1/4	A3	F	3-5/16	3-5/8	2-1/2	133.7
20.0	20.4	18.12	2007C	5/16	A3	J	1-9/16	4-1/2	2-9/16	155.3	2008C	5/16	A3	J	1-9/16	4-1/2	3-9/16	162.0
24.0	24.4	22.06	2407C	5/16	A3	J	1-9/16	4-1/2	2-9/16	184.5	2408C	5/16	A3	J	1-9/16	4-1/2	3-9/16	189.4
27.0	27.4	25.06	2707C	5/16	A3	J	1-9/16	4-1/2	2-9/16	211.8	2708C	5/16	A3	J	1-9/16	4-1/2	3-9/16	242.3
30.0	30.4	28.18	3007C	5/16	A3	J	1-9/16	4-1/2	2-9/16	236.8	3008C	5/16	A3	J	1-9/16	4-1/2	3-9/16	256.0
36.0	36.4	34.12	3607C	5/16	A3	J	1-9/16	4-1/2	2-9/16	300.5	3608C	15/32	A3	M	1-15/16	6-3/4	1-5/32	406.0
44.0	44.4	41.97	4407C	15/32	A3	M	1-15/16	6-3/4	5/32	484.0	4408C	15/32	A3	M	1-15/16	6-3/4	1-5/32	510.0
50.0	50.4	48.00	5007C	15/32	A3	M	1-15/16	6-3/4	5/32	563.0	5008C	15/32	A3	M	1-15/16	6-3/4	1-5/32	593.0

\* "E" Dimension varies according to shaft tolerance.

Weights for all Sure-Grip bushed items are approximate and include the bushing.

♦ P.D. is same as O.D.

Sure-Grip Bushing dimensions — see section A1

# STOCK CLASSICAL (CONVENTIONAL) SHEAVES

## DIMENSIONS (In Inches)

Datum Dia.	O.D. ♦	I.D.	Product No.	9 GROOVE							Product No.	10 GROOVE						
				F = 9-3/8								F = 10-3/8						
				E *	Type	Bush.	K	L	M	Wt.		E *	Type	Bush.	K	L	M	Wt.
8.0	8.4	6.25	809C	2-11/32	A1	E	3-1/4	2-5/8	4-13/32	47.5	8010C	2-11/32	A1	E	3-1/4	2-5/8	5-13/32	50.8
8.5	8.9	6.75	859C	2-11/32	A1	E	3-1/4	2-5/8	4-13/32	51.9	8510C	2-11/32	A1	E	3-1/4	2-5/8	5-13/32	55.5
9.0	9.4	7.25	909C	2-5/16	A1	J	3-9/16	4-1/2	2-9/16	71.0	9010C	2-5/16	A1	J	3-9/16	4-1/2	3-9/16	74.5
9.5	9.9	7.68	959C	2-5/16	A1	J	3-9/16	4-1/2	2-9/16	79.6	9510C	2-5/16	A1	J	3-9/16	4-1/2	3-9/16	83.8
10.0	10.4	8.24	1009C	2-5/16	A1	J	3-9/16	4-1/2	2-9/16	85.9	10010C	2-5/16	A1	J	3-9/16	4-1/2	3-9/16	90.1
10.5	10.9	8.75	1059C	2-5/16	A1	J	3-9/16	4-1/2	2-9/16	93.7	10510C	2-5/16	A1	J	3-9/16	4-1/2	3-9/16	98.2
11.0	11.4	9.25	1109C	2-5/16	A1	J	3-9/16	4-1/2	2-9/16	101.9	11010C	2-5/16	A1	J	3-9/16	4-1/2	3-9/16	106.6
12.0	12.4	10.25	1209C	2-5/16	A1	J	3-9/16	4-1/2	2-9/16	119.1	12010C	2-5/16	A1	J	3-9/16	4-1/2	3-9/16	124.4
13.0	13.4	11.25	1309C	2-5/16	A2	J	3-9/16	4-1/2	2-9/16	111.9	13010C	2-5/16	A2	J	3-9/16	4-1/2	3-9/16	117.6
14.0	14.4	12.25	1409C	2-5/16	A2	J	3-9/16	4-1/2	2-9/16	120.5	14010C	2-5/16	A2	J	3-9/16	4-1/2	3-9/16	126.8
16.0	16.4	14.12	1609C	2-5/16	A2	J	3-9/16	4-1/2	2-9/16	146.2	16010C	2-5/16	A2	J	3-9/16	4-1/2	3-9/16	157.3
18.0	18.4	16.06	1809C	2-5/16	A3	J	3-9/16	4-1/2	2-9/16	155.3	18010C	2-5/16	A3	J	3-9/16	4-1/2	3-9/16	164.7
20.0	20.4	18.12	2009C	1-13/16	A3	J	3-1/16	4-1/2	3-1/16	175.2	20010C	2-5/16	A3	J	3-9/16	4-1/2	3-9/16	185.7
24.0	24.4	22.06	2409C	1-13/16	A3	J	3-1/16	4-1/2	3-1/16	207.7	24010C	15/32	A3	M	1-15/16	6-3/4	3-5/32	297.8
27.0	27.4	25.06	2709C	1-13/16	A3	J	3-1/16	4-1/2	3-1/16	242.8	...	...	...	...	...	...	...	...
30.0	30.4	28.18	3009C	15/32	A3	M	1-15/16	6-3/4	2-5/32	351.5	30010C	15/32	A3	M	1-15/16	6-3/4	3-5/32	366.8
36.0	36.4	34.12	3609C	15/32	A3	M	1-15/16	6-3/4	2-5/32	425.0	36010C	15/32	A3	M	1-15/16	6-3/4	3-5/32	445.0
44.0	44.4	42.12	4409C	15/32	A3	M	1-15/16	6-3/4	2-5/32	535.0	44010C	15/32	A3	M	1-15/16	6-3/4	3-5/32	595.0
50.0	50.4	48.00	5009C	15/32	A3	M	1-15/16	6-3/4	2-5/32	623.0	50010C	15/32	A3	M	1-15/16	6-3/4	3-5/32	718.0

Datum Dia.	O.D. ♦	I.D.	Product No.	12 GROOVE						
				F = 12-3/8						
				E *	Type	Bush.	K	L	M	Wt.
9.0	9.4	7.25	9012C	2-13/16	A1	J	4-1/16	4-1/2	5-1/16	81.5
9.5	9.9	7.68	9512C	2-13/16	A1	J	4-1/16	4-1/2	5-1/16	92.2
10.0	10.4	8.25	10012C	2-13/16	A1	J	4-1/16	4-1/2	5-1/16	98.6
10.5	10.9	8.75	10512C	2-13/16	A1	J	4-1/16	4-1/2	5-1/16	107.2
11.0	11.4	9.25	11012C	2-13/16	A1	J	4-1/16	4-1/2	5-1/16	116.1
12.0	12.4	10.25	12012C	2-13/16	A1	J	4-1/16	4-1/2	5-1/16	134.8
13.0	13.4	11.25	13012C	2-13/16	A1	J	4-1/16	4-1/2	5-1/16	159.5
14.0	14.4	12.25	14012C	2-13/16	A1	J	4-1/16	4-1/2	5-1/16	143.3
16.0	16.4	14.12	16012C	2-13/16	A2	J	4-1/16	4-1/2	5-1/16	169.5
18.0	18.4	16.06	18012C	2-13/16	A3	J	4-1/16	4-1/2	5-1/16	188.0
20.0	20.4	18.06	20012C	15/32	A3	M	1-15/16	6-3/4	5-5/32	292.1
24.0	24.4	22.18	24012C	15/32	A3	M	1-15/16	6-3/4	5-5/32	360.9
30.0	30.4	28.12	30012C	15/32	A3	M	1-15/16	6-3/4	5-5/32	397.4
36.0	36.4	34.12	36012C	15/32	A3	M	1-15/16	6-3/4	5-5/32	483.0
44.0	44.4	42.12	44012C	15/32	A3	M	1-15/16	6-3/4	5-5/32	645.0
50.0	50.4	48.00	50012C	15/32	A3	M	1-15/16	6-3/4	5-5/32	779.0

\* "E" Dimension varies according to shaft tolerance.

Weights for all Sure-Grip bushing items are approximate and include the bushing.

♦ P.D. is same as O.D.

Sure-Grip Bushing dimensions — see section A1

# STOCK CLASSICAL (CONVENTIONAL) SHEAVES



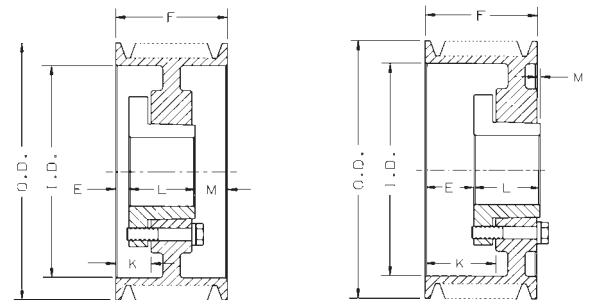
These Classical Sheaves are designed to carry the loads of all belts shown in this catalog and other similarly rated V-Belts. For special higher rated V-Belts, consult Wood's Application Engineering Department for recommendations.

The sheaves listed below are all stock sizes. The dimensions given are with the Sure-Grip bushing in place. The figure following the letter in the "Type" column indicates the sheave construction: 1-Solid; 2-Web, 3-Arms.

## DIMENSIONS (In Inches)

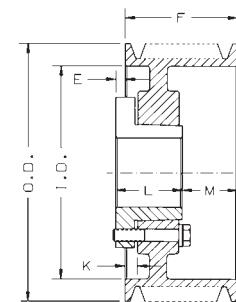
Datum Dia.	O.D. ♦	I.D.	Product No.	3 GROOVE							Product No.	4 GROOVE						
				F = 4-5/8								F = 6-1/16						
				E *	Type	Bush.	K	L	M	Wt.		E *	Type	Bush.	K	L	M	Wt.
12.0	12.6	9.75	1203D	7/16	A2	F	1-1/2	3-5/8	9/16	69.6	1204D	1-1/4	A2	F	2-5/16	3-5/8	1-3/16	79.5
13.0	13.6	10.75	1303D	7/16	A2	F	1-1/2	3-5/8	9/16	73.4	1304D	1-1/4	A2	F	2-5/16	3-5/8	1-3/16	85.2
13.5	14.1	11.25	1353D	7/16	A2	F	1-1/2	3-5/8	9/16	76.6	1354D	1-1/4	A2	F	2-5/16	3-5/8	1-3/16	89.1
14.0	14.6	11.75	1403D	7/16	A2	F	1-1/2	3-5/8	9/16	79.8	1404D	1-1/4	A2	F	2-5/16	3-5/8	1-3/16	93.1
14.5	15.1	12.25	1453D	7/16	A2	F	1-1/2	3-5/8	9/16	83.2	1454D	1-1/4	A2	F	2-5/16	3-5/8	1-3/16	97.2
15.0	15.6	12.75	1503D	7/16	A2	F	1-1/2	3-5/8	9/16	89.3	1504D	1-1/4	A2	F	2-5/16	3-5/8	1-3/16	101.3
15.5	16.1	13.25	1553D	7/16	A2	F	1-1/2	3-5/8	9/16	90.7	1554D	1-1/4	A2	F	2-5/16	3-5/8	1-3/16	103.2
16.0	16.6	13.75	1603D	7/16	A2	F	1-1/2	3-5/8	9/16	94.6	1604D	1-1/4	A2	F	2-5/16	3-5/8	1-3/16	107.5
17.0	17.6	14.75	...	...	...	...	...	...	...	...	1704D	1-5/16	A2	J	2-9/16	4-1/2	1/4	144.9
18.0	18.6	15.62	1803D	1/16	D3	J	1-3/16	4-1/2	3/16	124.9	1804D	1-5/16	A2	J	2-9/16	4-1/2	1/4	144.9
20.0	20.6	17.50	...	...	...	...	...	...	...	...	2004D	5/16	A3	J	1-9/16	4-1/2	1-1/4	151.3
22.0	22.6	19.44	2203D	1/16	D3	J	1-3/16	4-1/2	3/16	139.5	2204D	5/16	A3	J	1-9/16	4-1/2	1-1/4	174.5
24.0	24.6	21.44	2403D	1/16	D3	J	1-3/16	4-1/2	3/16	153.5	2404D	5/16	A3	J	1-9/16	4-1/2	1-1/4	188.5
27.0	27.6	24.25	2703D	1/16	D3	J	1-3/16	4-1/2	3/16	179.5	2704D	5/16	A3	J	1-9/16	4-1/2	1-1/4	209.5
33.0	33.6	30.18	3303D	1/16	D3	J	1-3/16	4-1/2	3/16	226.5	3304D	15/32	B3	M	1-15/16	6-3/8	1-5/32	341.0
40.0	40.6	37.18	4003D	1/16	D3	J	1-3/16	4-1/2	3/16	272.5	4004D	15/32	B3	M	1-15/16	6-3/4	1-5/32	391.0

Datum Dia.	O.D. ♦	I.D.	Product No.	5 GROOVE						
				F = 7-1/2						
				E *	Type	Bush.	K	L	M	Wt.
12.0	12.6	9.75	1205D	2	A1	F	3-1/16	3-5/8	1-7/8	100.1
13.0	13.6	10.75	1305D	2	A2	F	3-1/16	3-5/8	1-7/8	95.5
13.5	14.1	11.25	1355D	2	A2	F	3-1/16	3-5/8	1-7/8	99.8
14.0	14.6	11.75	1405D	2	A2	F	3-1/16	3-5/8	1-7/8	106.8
14.5	15.1	12.25	1455D	2	A2	F	3-1/16	3-5/8	1-7/8	111.2
15.0	15.6	12.75	1505D	2	A2	F	3-1/16	3-5/8	1-7/8	116.1
15.5	16.1	13.25	1555D	2	A2	F	3-1/16	3-5/8	1-7/8	118.4
16.0	16.6	13.75	1605D	2	A2	F	3-1/16	3-5/8	1-7/8	123.5
17.0	17.6	14.75	1705D	2-1/16	A2	J	3-5/16	4-1/2	15/16	144.1
18.0	18.6	15.62	1805D	2-1/16	A2	J	3-5/16	4-1/2	15/16	160.9
20.0	20.6	17.50	2005D	5/16	A3	J	1-9/16	4-1/2	2-11/16	170.5
22.0	22.6	19.44	2205D	5/16	A3	J	1-9/16	4-1/2	2-11/16	191.5
24.0	24.6	21.44	2405D	5/16	A3	J	1-9/16	4-1/2	2-11/16	210.5
27.0	27.6	24.38	2705D	15/32	A3	M	1-15/16	6-3/4	9/32	320.0
33.0	33.6	30.18	3305D	15/32	A3	M	1-15/16	6-3/4	9/32	373.0
40.0	40.6	37.18	4005D	15/32	A3	M	1-15/16	6-3/4	9/32	469.0
48.0	48.6	45.06	4805D	15/32	A3	M	1-15/16	6-3/4	9/32	591.0
58.0	58.6	55.06	5805D	15/32	A3	M	1-15/16	6-3/4	9/32	715.0



Type A

Type B



Type D

\* "E" Dimension varies according to shaft tolerance.

Weights for all Sure-Grip bushed items are approximate and include the bushing.

♦ P.D. is same as O.D.

Sure-Grip Bushing dimensions — see section A1

# STOCK CLASSICAL (CONVENTIONAL) SHEAVES

## DIMENSIONS (In Inches)

Datum Dia.	O.D. ♦	I.D.	Product No.	6 GROOVE							Product No.	8 GROOVE						
				F = 8-15/16								F = 11-13/16						
				E *	Type	Bush.	K	L	M	Wt.		E *	Type	Bush.	K	L	M	Wt.
12.0	12.6	9.75	1206D	2-1/16	A1	J	3-5/16	4-1/2	2-3/8	121.9	1208D	2-5/16	A1	J	3-9/16	4-1/2	5	140.5
13.0	13.6	10.75	1306D	2-1/16	A2	J	3-5/16	4-1/2	2-3/8	120.3	1308D	2-5/16	A1	J	3-9/16	4-1/2	5	163.5
13.5	14.1	11.25	1356D	2-1/16	A2	J	3-5/16	4-1/2	2-3/8	125.8	1358D	2-5/16	A1	J	3-9/16	4-1/2	5	176.5
14.0	14.6	11.75	1406D	2-1/16	A2	J	3-5/16	4-1/2	2-3/8	131.4	1408D	2-5/16	A2	J	3-9/16	4-1/2	5	157.5
14.5	15.1	12.25	1456D	2-1/16	A2	J	3-5/16	4-1/2	2-3/8	137.1	1458D	2-5/16	A2	J	3-9/16	4-1/2	5	167.5
15.0	15.6	12.75	1506D	2-1/16	A2	J	3-5/16	4-1/2	2-3/8	142.9	1508D	2-5/16	A2	J	3-9/16	4-1/2	5	170.5
15.5	16.1	13.25	1556D	2-1/16	A2	J	3-5/16	4-1/2	2-3/8	148.9	1558D	2-5/16	A2	J	3-9/16	4-1/2	5	175.2
16.0	16.6	13.75	1606D	2-1/16	A2	J	3-5/16	4-1/2	2-3/8	155.0	1608D	2-5/16	A2	J	3-9/16	4-1/2	5	182.3
17.0	17.6	14.75	1706D	2-1/16	A2	J	3-5/16	4-1/2	2-3/8	161.3	1708D	2-5/16	A2	J	3-9/16	4-1/2	5	192.3
18.0	18.6	15.62	1806D	2-1/16	A2	J	3-5/16	4-1/2	2-3/8	180.9	1808D	2-15/32	A2	M	3-15/16	6-3/4	2-19/32	276.7
20.0	20.6	17.50	2006D	2-1/16	A3	J	3-5/16	4-1/2	2-3/8	189.6	2008D	2-15/32	A2	M	3-15/16	6-3/4	2-19/32	306.0
22.0	22.6	19.44	2206D	15/32	A3	M	1-15/16	6-3/4	1-23/32	281.0	2208D	15/32	A3	M	1-15/16	6-3/4	4-19/32	342.0
24.0	24.6	21.44	2406D	15/32	A3	M	1-15/16	6-3/4	1-23/32	306.0	...	...	...	...	...	...	...	...
27.0	27.6	24.38	2706D	15/32	A3	M	1-15/16	6-3/4	1-23/32	346.0	2708D	15/32	A3	M	1-15/16	6-3/4	4-19/32	406.0
33.0	33.6	30.18	3306D	15/32	A3	M	1-15/16	6-3/4	1-23/32	419.0	3308D	15/32	A3	M	1-15/16	6-3/4	4-19/32	488.0
40.0	40.6	37.18	4006D	15/32	A3	M	1-15/16	6-3/4	1-23/32	510.0	4008D	9/16	A3	N	2-1/4	8-1/8	3-1/8	657.0
48.0	48.6	45.06	4806D	15/32	A3	M	1-15/16	6-3/4	1-23/32	667.0	4808D	9/16	A3	N	2-1/4	8-1/8	3-1/8	820.0
58.0	58.6	55.06	5806D	9/16	A3	N	2-1/4	8-1/8	1/4	889.0	5808D	9/16	A3	N	2-1/4	8-1/8	3-1/8	1088.0

Datum Dia.	O.D. ♦	I.D.	Product No.	10 GROOVE							Product No.	12 GROOVE						
				F = 14-11/16								F = 17-9/16						
				E *	Type	Bush.	K	L	M	Wt.		E *	Type	Bush.	K	L	M	Wt.
12.0	12.6	9.75	12010D	2-15/32	A1	M	3-15/16	6-3/4	5-15/32	197.0	12012D	3-15/32	A1	M	4-15/16	6-3/4	7-11/32	210.9
13.0	13.6	10.75	13010D	2-15/32	A1	M	3-15/16	6-3/4	5-15/32	223.8	13012D	3-15/32	A1	M	4-15/16	6-3/4	7-11/32	244.3
13.5	14.1	11.25	13510D	2-15/32	A1	M	3-15/16	6-3/4	5-15/32	240.1	13512D	3-15/32	A1	M	4-15/16	6-3/4	7-11/32	261.4
14.0	14.6	11.69	14010D	2-15/32	A1	M	3-15/16	6-3/4	5-15/32	263.0	14012D	3-15/32	A1	M	4-15/16	6-3/4	7-11/32	279.1
14.5	15.1	12.25	14510D	2-15/32	A1	M	3-15/16	6-3/4	5-15/32	274.1	14512D	3-15/32	A1	M	4-15/16	6-3/4	7-11/32	297.2
15.0	15.6	12.75	15010D	2-15/32	A1	M	3-15/16	6-3/4	5-15/32	291.9	15012D	3-15/32	A1	M	4-15/16	6-3/4	7-11/32	315.9
15.5	16.1	13.25	15510D	2-15/32	A1	M	3-15/16	6-3/4	5-15/32	310.2	15512D	3-15/32	A1	M	4-15/16	6-3/4	7-11/32	335.1
16.0	16.6	13.69	16010D	2-15/32	A2	M	3-15/16	6-3/4	5-15/32	297.0	16012D	3-15/32	A2	M	4-15/16	6-3/4	7-11/32	313.6
17.0	17.6	14.69	17010D	2-15/32	A2	M	3-15/16	6-3/4	5-15/32	305.0	17012D	3-15/32	A2	M	4-15/16	6-3/4	7-11/32	323.3
18.0	18.6	15.62	18010D	2-15/32	A2	M	3-15/16	6-3/4	5-15/32	310.9	18012D	3-15/32	A2	M	4-15/16	6-3/4	7-11/32	351.1
20.0	20.6	17.50	20010D	2-15/32	A2	M	3-15/16	6-3/4	5-15/32	346.2	20012D	3-15/32	A2	M	4-15/16	6-3/4	7-11/32	386.3
22.0	22.6	19.44	22010D	1-15/32	A3	M	2-15/16	6-3/4	6-15/32	391.0	22012D	2-15/32	A3	M	3-15/16	6-3/4	8-11/32	426.0
27.0	27.6	24.38	27010D	1-15/32	A3	M	2-15/16	6-3/4	6-15/32	459.0	27012D	2-9/16	A3	N	4-1/4	8-1/8	6-7/8	572.0
33.0	33.6	30.18	33010D	1-9/16	A3	N	3-1/4	8-1/8	5	690.0	33012D	2-9/16	A3	N	4-1/4	8-1/8	6-7/8	705.0
40.0	40.6	37.18	40010D	1-9/16	A3	N	3-1/4	8-1/8	5	813.0	40012D	3/4	A3	P	2-5/8	9-3/8	7-7/16	957.0
48.0	48.6	45.06	48010D	3/4	A3	P	2-5/8	9-3/8	4-9/16	1132.0	48012D	3/4	A3	P	2-5/8	9-3/8	7-7/16	1287.0
58.0	58.6	55.06	58010D	3/4	A3	P	2-5/8	9-3/8	4-9/16	1301.0	58012D	3/4	A3	P	2-5/8	9-3/8	7-7/16	1493.0

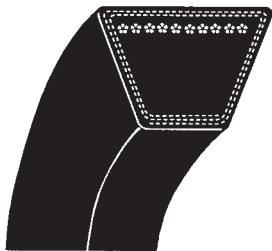
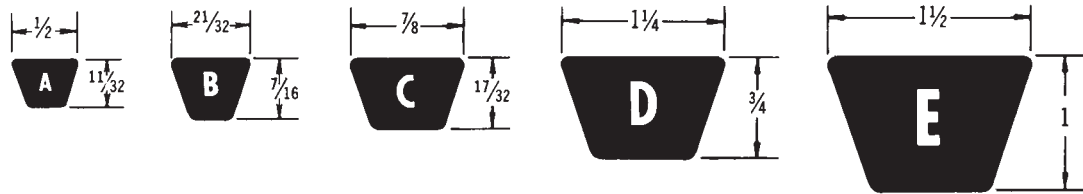
\* "E" Dimension varies according to shaft tolerance.  
Weights for all Sure-Grip bushed items are approximate and include the bushing.  
♦ P.D. is same as O.D.

Sure-Grip Bushing dimensions — see section A1

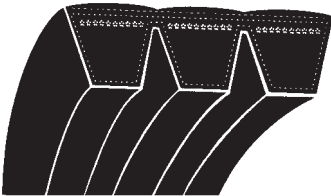
# CLASSICAL (CONVENTIONAL) V-BELT FEATURES



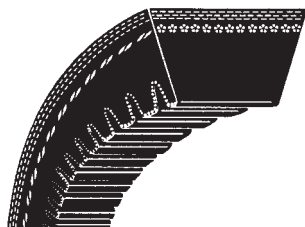
The Classical (also known as Conventional) V-belts include five cross sections . . . A, B, C, D, and E. These sections are a continuing development of the original V-belts of the 1930's. A, B, C, and D belts are available in wrapped or cog construction and all are static conducting, and oil and heat resistant. **Note: E section V-belts are available for replacement on existing drives, but are not recommended for new drive designs.**



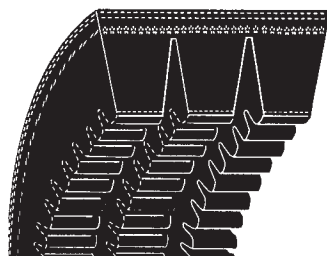
**Classical V-belts** . . . are the finest wrapped belts in industry and are designed to provide premium performance at standard prices. The belts have a specially constructed cover fabric for optimum flexibility and abrasion resistant characteristics. Belts perform their best when operating on sheave diameters no smaller than RMA/MPTA recommended: A = 3.0, B = 5.4, C = 9.0, D = 13.0, and E = 21.6.



**Classical Banded V-belts** . . . all the same features of the standard wrapped belt, but with the added benefit of multiple belts in a single belt. Should be considered for those problem drives where long center distance, vibration, pulsating or shock loads cause individual belts to whip, turn over, or jump out of sheave grooves. B and C belts available in 2 thru 5 ribs and D belts available in 3 thru 5 ribs.



**Classical Cog V-belts** . . . premium raw edge, cog construction. On average, 30% higher horsepower rating than standard wrapped belts. The molded cogs offer greater flexibility and better heat dissipation, especially on those punishing drives where bending stresses created by sub-minimum diameter sheaves dramatically reduce the life of standard belts.



**Classical Cog Banded V-belts** . . . same raw edge, cog construction as the individual belt. Can be used on those same problem applications as the standard, wrapped Classical belt. Available in BX, CX, and DX belts in 2 thru 5 ribs.

**Warning: Do not mix raw edge cog and wrapped construction belts on the same drive.**





# CLASSICAL (CONVENTIONAL) V-BELTS

## AP Belts

Product No.	Datum Length	Weight	Product No.	Datum Length	Weight	Product No.	Datum Length	Weight
AP21	22.3	.2	AP53	54.3	.3	AP83	84.3	.6
AP22	23.3	.2	AP54	55.3	.4	AP84	85.3	.6
AP23	24.3	.2	AP55	56.3	.4	AP85	86.3	.6
AP24	25.3	.2	AP56	57.3	.4	AP86	87.3	.6
AP26	27.3	.2	AP57	58.3	.4	AP87	88.3	.6
AP27	28.3	.2	AP58	59.3	.4	AP88	89.3	.6
AP28	29.3	.2	AP59	60.3	.4	AP89	90.3	.6
AP29	30.3	.2	AP60	61.3	.4	AP90	91.3	.6
AP30	31.3	.2	AP61	62.3	.4	AP91	92.3	.6
AP31	32.3	.2	AP62	63.3	.4	AP92	93.3	.6
AP33	34.3	.2	AP63	64.3	.4	AP93	94.3	.6
AP34	35.3	.2	AP64	65.3	.4	AP94	95.3	.7
AP35	36.3	.2	AP65	66.3	.4	AP95	96.3	.7
AP36	37.3	.2	AP66	67.3	.5	AP96	97.3	.7
AP37	38.3	.2	AP67	68.3	.5	AP97	98.3	.7
AP38	39.3	.2	AP68	69.3	.5	AP98	99.3	.7
AP39	40.3	.3	AP69	70.3	.5	AP100	101.3	.7
AP40	41.3	.3	AP70	71.3	.5	AP103	104.3	.7
AP41	42.3	.3	AP71	72.3	.5	AP105	106.3	.7
AP42	43.3	.3	AP72	73.3	.5	AP110	111.3	.7
AP43	44.3	.3	AP73	74.3	.5	AP112	113.3	.8
AP44	45.3	.3	AP74	75.3	.5	AP120	121.3	.8
AP45	46.3	.3	AP75	76.3	.5	AP128	129.3	.9
AP46	47.3	.3	AP76	77.3	.5	AP136	137.3	1.0
AP47	48.3	.3	AP77	78.3	.5	AP144	145.3	1.0
AP48	49.3	.3	AP78	79.3	.6	AP158	159.3	1.1
AP49	50.3	.3	AP79	80.3	.6	AP173	174.3	1.2
AP50	51.3	.3	AP80	81.3	.6	AP180	181.3	1.3
AP51	52.3	.3	AP81	82.3	.6			
AP52	53.3	.3	AP82	83.3	.6			

OUTSIDE LENGTH "AP" BELTS EQUALS DATUM LENGTH +1".  
 OUTSIDE LENGTH "BP" BELTS EQUALS DATUM LENGTH +1".

# CLASSICAL (CONVENTIONAL) V-BELTS



## BP Belts

Product No.	Datum Length	Weight	Product No.	Datum Length	Weight	Product No.	Datum Length	Weight	Product No.	Datum Length	Weight
BP32	33.8	.3	BP60	61.8	.6	BP85	86.8	.9	BP126	127.8	1.4
BP34	35.8	.4	BP61	62.8	.6	BP86	87.8	.9	BP128	129.8	1.4
BP35	36.8	.4	BP62	63.8	.6	BP87	88.8	.9	BP133	134.8	1.4
BP36	37.8	.4	BP63	64.8	.7	BP88	89.8	1.0	BP136	137.8	1.5
BP39	40.8	.4	BP64	65.8	.7	BP89	90.8	1.0	BP140	141.8	1.5
BP40	41.8	.4	BP65	66.8	.7	BP90	91.8	1.0	BP144	145.8	1.6
BP41	42.8	.4	BP66	67.8	.7	BP91	92.8	1.0	BP148	149.8	1.6
BP42	43.8	.4	BP67	68.8	.7	BP92	93.8	1.0	BP150	151.8	1.6
BP43	44.8	.4	BP68	69.8	.7	BP93	94.8	1.0	BP154	155.8	1.7
BP44	45.8	.5	BP69	70.8	.7	BP94	95.8	1.0	BP162	163.8	1.8
BP45	46.8	.5	BP70	71.8	.7	BP95	96.8	1.0	BP173	174.8	1.9
BP46	47.8	.5	BP71	72.8	.7	BP96	97.8	1.0	BP180	181.8	2.0
BP47	48.8	.5	BP72	73.8	.8	BP97	98.8	1.1	BP191	192.8	2.1
BP48	49.8	.5	BP73	74.8	.8	BP98	99.8	1.1	BP195	196.8	2.1
BP49	50.8	.5	BP74	75.8	.8	BP99	100.8	1.1	BP210	211.8	2.3
BP50	51.8	.5	BP75	76.8	.8	BP100	101.8	1.1	BP225	225.3	2.4
BP51	52.8	.5	BP76	77.8	.8	BP103	104.8	1.1	BP240	240.3	2.6
BP52	53.8	.5	BP77	78.8	.8	BP105	106.8	1.1	BP255	255.3	2.8
BP53	54.8	.6	BP78	79.8	.9	BP106	107.8	1.1	BP270	270.3	2.9
BP54	55.8	.6	BP79	80.8	.9	BP108	109.8	1.2	BP285	285.3	3.1
BP55	56.8	.6	BP80	81.8	.9	BP112	113.8	1.2	BP300	300.3	3.2
BP56	57.8	.6	BP81	82.8	.9	BP116	117.8	1.3	BP315	315.3	3.4
BP57	58.8	.6	BP82	83.8	.9	BP120	121.8	1.3	BP360	360.3	3.9
BP58	59.8	.6	BP83	84.8	.9	BP123	124.8	1.3			
BP59	60.8	.6	BP84	85.8	.9	BP124	125.8	1.3			

## CP Belts

Product No.	Datum Length	Weight	Product No.	Datum Length	Weight
CP51	53.9	1.0	CP158	160.9	2.9
CP55	57.9	1.1	CP162	164.9	3.0
CP60	62.9	1.2	CP173	175.9	3.2
CP68	70.9	1.4	CP180	182.9	3.3
CP72	74.9	1.4	CP195	197.9	3.5
CP75	77.9	1.4	CP210	212.9	3.8
CP78	80.9	1.5	CP225	225.9	4.0
CP81	83.9	1.5	CP240	240.9	4.3
CP85	87.9	1.6	CP255	255.9	4.6
CP90	92.9	1.7	CP270	270.9	4.9
CP96	98.9	1.8	CP285	285.9	5.1
CP100	102.9	1.9	CP300	300.9	5.4
CP101	103.9	1.9	CP315	315.9	5.7
CP105	107.9	1.9	CP330	330.9	6.0
CP109	111.9	2.0	CP345	345.9	6.2
CP111	113.9	2.0	CP360	360.9	6.8
CP112	114.9	2.1	CP390	390.9	7.1
CP115	117.9	2.1	CP420	420.9	7.6
CP120	122.9	2.2			
CP124	126.9	2.3			
CP128	130.9	2.4			
CP136	138.9	2.5			
CP144	146.9	2.7			
CP148	150.9	2.7			
CP150	152.9	2.8			

## DP Belts

Product No.	Datum Length	Weight
DP105	108.3	4.3
DP120	123.3	4.4
DP128	131.3	4.7
DP144	147.3	5.3
DP158	161.3	5.8
DP162	165.3	6.0
DP173	176.3	6.3
DP180	183.3	6.5
DP195	198.3	7.1
DP210	213.3	7.6
DP225	225.8	8.1
DP240	240.8	8.6
DP255	255.8	9.2
DP270	270.8	9.7
DP285	285.8	10.2
DP300	300.8	10.7
DP315	315.8	11.3
DP330	330.8	11.8
DP345	345.8	12.4
DP360	360.8	12.9
DP390	390.8	14.0
DP420	420.8	15.0
DP450	450.8	16.2
DP480	480.8	16.7
DP540	540.8	17.8
DP600	600.8	22.2
DP660	660.8	24.4

## EP Belts

Product No.	Datum Length	Weight
EP144	148.5	8.1
EP180	184.5	10.1
EP195	199.5	10.9
EP210	214.5	11.7
EP225	229.5	12.4
EP240	241.5	13.2
EP270	271.0	14.8
EP300	301.0	16.4
EP330	331.0	18.1
EP360	361.0	19.7
EP390	391.0	21.4
EP420	421.0	23.0
EP480	481.0	26.3
EP540	541.0	29.6
EP600	601.0	32.8
EP660	661.0	36.1

OUTSIDE LENGTH "CP" BELTS EQUALS DATUM LENGTH +2".  
OUTSIDE LENGTH "DP" BELTS EQUALS DATUM LENGTH +2".



# CLASSICAL (CONVENTIONAL) BANDED V-BELTS

## BP Banded Belts

Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.
2RBP35	36.8	1.0	2RBP62	63.8	1.7	2RBP82	83.8	2.2	2RBP128	129.8	3.5
3RBP35	36.8	1.5	3RBP62	63.8	2.6	3RBP82	83.8	3.4	3RBP128	129.8	5.2
2RBP38	39.8	1.1	4RBP62	63.8	3.4	4RBP82	83.8	4.5	4RBP128	129.8	6.9
3RBP38	39.8	1.6	5RBP62	63.8	4.3	5RBP82	83.8	5.6	5RBP128	129.8	8.7
2RBP40	41.8	1.1	2RBP63	64.8	1.7	2RBP83	84.8	2.3	2RBP133	134.8	3.6
3RBP40	41.8	1.7	3RBP63	64.8	2.6	3RBP83	84.8	3.4	3RBP133	134.8	5.4
2RBP41	42.8	1.1	4RBP63	64.8	3.5	4RBP83	84.8	4.5	4RBP133	134.8	7.2
3RBP41	42.8	1.7	5RBP63	64.8	4.3	5RBP83	84.8	5.7	5RBP133	134.8	9.0
2RBP42	43.8	1.2	2RBP64	65.8	1.8	2RBP85	86.8	2.3	2RBP136	137.8	3.7
3RBP42	43.8	1.9	3RBP64	65.8	2.6	3RBP85	86.8	3.5	3RBP136	137.8	5.5
2RBP43	44.8	1.2	4RBP64	65.8	3.5	4RBP85	86.8	4.6	4RBP136	137.8	7.4
3RBP43	44.8	1.8	5RBP64	65.8	4.4	5RBP85	86.8	5.8	5RBP136	137.8	9.2
2RBP44	45.8	1.2	2RBP65	66.8	1.8	2RBP87	88.8	2.4	2RBP144	145.8	3.9
3RBP44	45.8	1.8	3RBP65	66.8	2.7	3RBP87	88.8	3.6	3RBP144	145.8	5.9
2RBP46	47.8	1.3	4RBP65	66.8	3.6	4RBP87	88.8	4.7	4RBP144	145.8	7.8
3RBP46	47.8	1.9	5RBP65	66.8	4.5	5RBP87	88.8	5.9	5RBP144	145.8	9.8
4RBP46	47.8	2.5	2RBP66	67.8	1.8	2RBP88	89.8	2.4	2RBP148	149.8	4.0
5RBP46	47.8	3.2	3RBP66	67.8	2.7	3RBP88	89.8	3.6	3RBP148	149.8	6.0
2RBP48	49.8	1.3	4RBP66	67.8	3.6	4RBP88	89.8	4.8	4RBP148	149.8	8.0
3RBP48	49.8	2.0	5RBP66	67.8	4.5	5RBP88	89.8	6.0	5RBP148	149.8	10.0
4RBP48	49.8	2.7	2RBP67	68.8	1.8	2RBP90	91.8	2.5	2RBP158	159.8	4.3
5RBP48	49.8	3.3	3RBP67	68.8	2.8	3RBP90	91.8	3.7	3RBP158	159.8	6.4
2RBP49	50.8	1.4	4RBP67	68.8	3.7	4RBP90	91.8	4.9	4RBP158	159.8	8.6
3RBP49	50.8	2.0	5RBP67	68.8	4.6	5RBP90	91.8	6.1	5RBP158	159.8	10.7
4RBP49	50.8	2.7	2RBP68	69.8	1.9	2RBP93	94.8	2.5	2RBP162	163.8	4.4
5RBP49	50.8	3.4	3RBP68	69.8	2.8	3RBP93	94.8	3.8	3RBP162	163.8	6.6
2RBP50	51.8	1.4	4RBP68	69.8	3.7	4RBP93	94.8	5.1	4RBP162	163.8	8.8
3RBP50	51.8	2.1	5RBP68	69.8	4.7	5RBP93	94.8	6.3	5RBP162	163.8	11.0
4RBP50	51.8	2.8	2RBP70	71.8	1.9	2RBP95	96.8	2.6	2RBP173	174.8	4.7
5RBP50	51.8	3.5	3RBP70	71.8	2.9	3RBP95	96.8	3.9	3RBP173	174.8	7.0
2RBP51	52.8	1.4	4RBP70	71.8	3.8	4RBP95	96.8	5.2	4RBP173	174.8	9.4
3RBP51	52.8	2.1	5RBP70	71.8	4.8	5RBP95	96.8	6.5	5RBP173	174.8	11.7
4RBP51	52.8	2.8	2RBP71	72.8	1.9	2RBP96	97.8	2.6	2RBP180	181.8	4.9
5RBP51	52.8	3.5	3RBP71	72.8	2.9	3RBP96	97.8	3.9	3RBP180	181.8	7.3
2RBP52	53.8	1.4	4RBP71	72.8	3.9	4RBP96	97.8	5.2	4RBP180	181.8	9.7
3RBP52	53.8	2.2	5RBP71	72.8	4.9	5RBP96	97.8	6.5	5RBP180	181.8	12.2
4RBP52	53.8	2.9	2RBP72	73.8	2.0	2RBP97	98.8	2.6	2RBP195	196.8	5.3
5RBP52	53.8	3.6	3RBP72	73.8	3.0	3RBP97	98.8	4.0	3RBP195	196.8	7.9
2RBP53	54.8	1.5	4RBP72	73.8	3.9	4RBP97	98.8	5.3	4RBP195	196.8	10.5
3RBP53	54.8	2.2	5RBP72	73.8	4.9	5RBP97	98.8	6.6	5RBP195	196.8	13.2
4RBP53	54.8	2.9	2RBP73	74.8	2.0	2RBP99	100.8	2.7	2RBP210	211.8	5.7
5RBP53	54.8	3.7	3RBP73	74.8	3.0	3RBP99	100.8	4.0	3RBP210	211.8	8.5
2RBP54	55.8	1.5	4RBP73	74.8	4.0	4RBP99	100.8	5.4	4RBP210	211.8	11.3
3RBP54	55.8	2.2	5RBP73	74.8	5.0	5RBP99	100.8	6.7	5RBP210	211.8	14.2
4RBP54	55.8	3.0	2RBP74	75.8	2.0	2RBP100	101.8	2.7	2RBP225	225.3	6.0
5RBP54	55.8	3.7	3RBP74	75.8	3.0	3RBP100	101.8	4.1	3RBP225	225.3	9.0
2RBP55	56.8	1.5	4RBP74	75.8	4.1	4RBP100	101.8	5.4	4RBP225	225.3	12.1
3RBP55	56.8	2.3	5RBP74	75.8	5.1	5RBP100	101.8	6.8	5RBP225	225.3	15.1
4RBP55	56.8	3.0	2RBP75	76.8	2.1	2RBP103	104.8	2.8	2RBP240	240.3	6.4
5RBP55	56.8	3.8	3RBP75	76.8	3.1	3RBP103	104.8	4.2	3RBP240	240.3	9.7
2RBP56	57.8	1.5	4RBP75	76.8	4.1	4RBP103	104.8	5.6	4RBP240	240.3	12.9
3RBP56	57.8	2.3	5RBP75	76.8	5.1	5RBP103	104.8	7.0	5RBP240	240.3	16.1
4RBP56	57.8	3.1	2RBP77	78.8	2.1	2RBP105	106.8	2.9	2RBP255	255.3	6.8
5RBP56	57.8	3.9	3RBP77	78.8	3.2	3RBP105	106.8	4.3	3RBP255	255.3	10.3
2RBP57	58.8	1.6	4RBP77	78.8	4.2	4RBP105	106.8	5.7	4RBP255	255.3	13.7
3RBP57	58.8	2.4	5RBP77	78.8	5.3	5RBP105	106.8	7.1	5RBP255	255.3	17.1
4RBP57	58.8	3.1	2RBP78	79.8	2.1	2RBP108	109.8	2.9	2RBP270	270.3	7.2
5RBP57	58.8	3.9	3RBP78	79.8	3.2	3RBP108	109.8	4.4	3RBP270	270.3	10.9
2RBP58	59.8	1.6	4RBP78	79.8	4.3	4RBP108	109.8	5.9	4RBP270	270.3	14.5
3RBP58	59.8	2.4	5RBP78	79.8	5.3	5RBP108	109.8	7.3	5RBP270	270.3	18.1
4RBP58	59.8	3.2	2RBP79	80.8	2.2	2RBP112	113.8	3.0	2RBP285	285.3	7.6
5RBP58	59.8	4.0	3RBP79	80.8	3.2	3RBP112	113.8	4.6	3RBP285	285.3	11.5
2RBP59	60.8	1.6	4RBP79	80.8	4.3	4RBP112	113.8	6.1	4RBP285	285.3	15.3
3RBP59	60.8	2.4	5RBP79	80.8	5.4	5RBP112	113.8	7.6	5RBP285	285.3	19.1
4RBP59	60.8	3.2	2RBP80	81.8	2.2	2RBP120	121.8	3.3	2RBP300	300.3	8.0
5RBP59	60.8	4.1	3RBP80	81.8	3.3	3RBP120	121.8	4.9	3RBP300	300.3	12.1
2RBP60	61.8	1.7	4RBP80	81.8	4.4	4RBP120	121.8	6.5	4RBP300	300.3	16.1
3RBP60	61.8	2.5	5RBP80	81.8	5.5	5RBP120	121.8	8.2	5RBP300	300.3	20.1
4RBP60	61.8	3.3	2RBP81	82.8	2.2	2RBP124	125.8	3.4	2RBP315	315.3	8.4
5RBP60	61.8	4.1	3RBP81	82.8	3.3	3RBP124	125.8	5.1	3RBP315	315.3	12.7
2RBP61	62.8	1.7	4RBP81	82.8	4.4	4RBP124	125.8	6.7	4RBP315	315.3	16.9
3RBP61	62.8	2.5	5RBP81	82.8	5.5	5RBP124	125.8	8.4	5RBP315	315.3	21.1
4RBP61	62.8	3.4									
5RBP61	62.8	4.2									

# CLASSICAL (CONVENTIONAL) BANDED V-BELTS



## CP Banded Belts

Product No.	Datum Length	Weight Lbs.
2RCP51	53.9	2.4
3RCP51	53.9	3.6
2RCP55	57.9	2.6
3RCP55	57.9	3.8
2RCP60	62.9	2.8
3RCP60	62.9	4.2
2RCP68	70.9	3.1
3RCP68	70.9	4.7
4RCP68	70.9	6.3
5RCP68	70.9	7.8
2RCP71	73.9	3.3
3RCP71	73.9	4.9
4RCP71	73.9	6.5
5RCP71	73.9	8.2
2RCP75	77.9	3.4
3RCP75	77.9	5.2
4RCP75	77.9	6.9
5RCP75	77.9	8.6
2RCP81	83.9	3.7
3RCP81	83.9	5.6
4RCP81	83.9	7.4
5RCP81	83.9	9.3
2RCP85	87.9	3.9
3RCP85	87.9	5.8
4RCP85	87.9	7.8
5RCP85	87.9	9.7
2RCP90	92.9	4.1
3RCP90	92.9	6.2
4RCP90	92.9	8.2
5RCP90	92.9	10.3
2RCP96	98.9	4.4
3RCP96	98.9	6.6
4RCP96	98.9	8.7
5RCP96	98.9	10.9
2RCP97	99.9	4.4
3RCP97	99.9	6.6
4RCP97	99.9	8.8
5RCP97	99.9	11.0

Product No.	Datum Length	Weight Lbs.
2RCP99	101.9	4.5
3RCP99	101.9	6.8
4RCP99	101.9	9.0
5RCP99	101.9	11.3
2RCP100	102.9	4.6
3RCP100	102.9	6.8
4RCP100	102.9	9.1
5RCP100	102.9	11.4
2RCP105	107.9	4.8
3RCP105	107.9	7.2
4RCP105	107.9	9.5
5RCP105	107.9	11.9
2RCP108	110.9	4.9
3RCP108	110.9	7.4
4RCP108	110.9	9.8
5RCP108	110.9	12.3
2RCP109	111.9	5.0
3RCP109	111.9	7.4
4RCP109	111.9	9.9
5RCP109	111.9	12.4
2RCP112	114.9	5.1
3RCP112	114.9	7.6
4RCP112	114.9	10.2
5RCP112	114.9	12.7
2RCP120	122.9	5.4
3RCP120	122.9	8.2
4RCP120	122.9	10.9
5RCP120	122.9	13.6
2RCP124	126.9	5.6
3RCP124	126.9	8.4
4RCP124	126.9	11.2
5RCP124	126.9	14.0
2RCP128	130.9	5.8
3RCP128	130.9	8.7
4RCP128	130.9	11.6
5RCP128	130.9	14.5
2RCP136	138.9	6.1
3RCP136	138.9	9.2
4RCP136	138.9	12.3
5RCP136	138.9	15.4

Product No.	Datum Length	Weight Lbs.
2RCP144	146.9	6.5
3RCP144	146.9	9.8
4RCP144	146.9	13.0
5RCP144	146.9	16.3
2RCP158	160.9	7.1
3RCP158	160.9	10.7
4RCP158	160.9	14.3
5RCP158	160.9	17.8
2RCP162	164.9	7.3
3RCP162	164.9	11.0
4RCP162	164.9	14.6
5RCP162	164.9	18.3
2RCP173	175.9	7.8
3RCP173	175.9	11.7
4RCP173	175.9	15.6
5RCP173	175.9	19.5
2RCP180	182.9	8.1
3RCP180	182.9	12.2
4RCP180	182.9	16.2
5RCP180	182.9	20.3
2RCP195	197.9	8.8
3RCP195	197.9	13.2
4RCP195	197.9	17.5
5RCP195	197.9	21.9
2RCP210	212.9	9.4
3RCP210	212.9	14.2
4RCP210	212.9	18.9
5RCP210	212.9	23.6
2RCP225	225.9	10.0
3RCP225	225.9	15.0
4RCP225	225.9	20.0
5RCP225	225.9	25.0
2RCP240	240.9	10.7
3RCP240	240.9	16.0
4RCP240	240.9	21.4
5RCP240	240.9	26.7
2RCP255	255.9	11.3
3RCP255	255.9	17.0
4RCP255	255.9	22.7
5RCP255	255.9	28.4

Product No.	Datum Length	Weight Lbs.
2RCP270	270.9	12.0
3RCP270	270.9	18.0
4RCP270	270.9	24.0
5RCP270	270.9	30.0
2RCP285	285.9	12.7
3RCP285	285.9	19.0
4RCP285	285.9	25.4
5RCP285	285.9	31.7
2RCP300	300.9	13.3
3RCP300	300.9	20.0
4RCP300	300.9	26.7
5RCP300	300.9	33.4
2RCP315	315.9	14.0
3RCP315	315.9	21.0
4RCP315	315.9	28.0
5RCP315	315.9	35.0
2RCP330	330.9	14.7
3RCP330	330.9	22.0
4RCP330	330.9	29.4
5RCP330	330.9	36.7
2RCP345	345.9	15.3
3RCP345	345.9	23.0
4RCP345	345.9	30.7
5RCP345	345.9	38.4
2RCP360	360.9	16.0
3RCP360	360.9	24.0
4RCP360	360.9	32.0
5RCP360	360.9	40.0
2RCP390	390.9	17.3
3RCP390	390.9	26.0
4RCP390	390.9	34.7
5RCP390	390.9	43.4
2RCP420	420.9	18.7
3RCP420	420.9	28.0
4RCP420	420.9	37.4
5RCP420	420.9	46.7

## DP Banded Belts

Product Descr.	Datum Length	Weight Lbs.
3RDP120	123.3	15.2
4RDP120	123.3	20.2
5RDP120	123.3	25.3
3RDP128	131.3	16.2
4RDP128	131.3	21.5
5RDP128	131.3	26.9
3RDP144	147.3	18.1
4RDP144	147.3	24.2
5RDP144	147.3	30.2
3RDP158	161.3	19.9
4RDP158	161.3	26.5
5RDP158	161.3	33.1
3RDP162	165.3	20.4
4RDP162	165.3	27.1
5RDP162	165.3	33.9
3RDP173	176.3	21.7
4RDP173	176.3	29.0
5RDP173	176.3	36.2
3RDP180	183.3	22.6
4RDP180	183.3	30.1
5RDP180	183.3	37.6

Product Descr.	Datum Length	Weight Lbs.
3RDP195	198.3	24.4
4RDP195	198.3	32.6
5RDP195	198.3	40.7
3RDP210	213.3	26.3
4RDP210	213.3	35.1
5RDP210	213.3	43.8
3RDP225	225.8	27.8
4RDP225	225.8	37.1
5RDP225	225.8	46.4
3RDP240	240.8	29.7
4RDP240	240.8	39.6
5RDP240	240.8	49.5
3RDP255	255.8	31.5
4RDP255	255.8	42.1
5RDP255	255.8	52.6
3RDP270	270.8	33.4
4RDP270	270.8	44.5
5RDP270	270.8	55.7
3RDP285	285.8	35.2
4RDP285	285.8	47.0
5RDP285	285.8	58.7

Product Descr.	Datum Length	Weight Lbs.
3RDP300	300.8	37.1
4RDP300	300.8	49.5
5RDP300	300.8	61.8
3RDP315	315.8	39.0
4RDP315	315.8	51.9
5RDP315	315.8	64.9
3RDP330	330.8	40.8
4RDP330	330.8	54.4
5RDP330	330.8	68.0
3RDP345	345.8	42.7
4RDP345	345.8	56.9
5RDP345	345.8	71.1
3RDP360	360.8	44.5
4RDP360	360.8	59.3
5RDP360	360.8	74.2
3RDP390	390.8	48.2
4RDP390	390.8	64.3
5RDP390	390.8	80.4
3RDP420	420.8	51.9
4RDP420	420.8	69.2
5RDP420	420.8	86.5

Product Descr.	Datum Length	Weight Lbs.
3RDP450	450.8	55.6
4RDP450	450.8	74.2
5RDP450	450.8	92.7
3RDP480	480.8	59.3
4RDP480	480.8	79.1
5RDP480	480.8	98.9
3RDP540	540.8	66.7
4RDP540	540.8	89.0
5RDP540	540.8	111.7
3RDP600	600.8	74.2
4RDP600	600.8	98.9
5RDP600	600.8	123.6
3RDP660	660.8	81.6
4RDP660	660.8	108.8
5RDP660	660.8	135.9



# CLASSICAL COG V-BELTS

## AX Belts

Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.
AX21	22.3	.16	AX67	68.3	.45
AX22	23.3	.16	*AX68	69.3	.45
AX23	24.3	.16	AX69	70.3	.46
AX24	25.3	.18	*AX70	71.3	.46
*AX26	27.3	.18	*AX71	72.3	.50
AX27	28.3	.18	AX72	73.3	.50
AX28	29.3	.18	AX73	74.3	.50
AX29	30.3	.20	AX74	75.3	.50
AX30	31.3	.20	*AX75	76.3	.50
*AX31	32.3	.20	AX76	77.3	.51
AX32	33.3	.20	AX77	78.3	.52
*AX33	34.3	.22	*AX78	79.3	.52
*AX34	35.3	.22	AX79	80.3	.53
*AX35	36.3	.22	*AX80	81.3	.53
*AX36	37.3	.24	AX81	82.3	.53
*AX37	38.3	.24	AX82	83.3	.54
*AX38	39.3	.24	AX83	84.3	.55
*AX39	40.3	.26	AX84	85.3	.55
AX40	41.3	.26	*AX85	86.3	.56
AX41	42.3	.26	AX86	87.3	.57
*AX42	43.3	.28	AX87	88.3	.58
*AX43	44.3	.28	AX88	89.3	.58
AX44	45.3	.28	AX89	90.3	.58
AX45	46.3	.30	*AX90	91.3	.59
*AX46	47.3	.30	AX91	92.3	.59
AX47	48.3	.30	AX92	93.3	.60
*AX48	49.3	.30	AX93	94.3	.61
AX49	50.3	.32	AX94	95.3	.62
AX50	51.3	.32	AX95	96.3	.63
*AX51	52.3	.32	*AX96	97.3	.63
AX52	53.3	.34	AX97	98.3	.64
*AX53	54.3	.34	AX98	99.3	.65
*AX54	55.3	.34	AX100	101.3	.65
*AX55	56.3	.36	AX103	104.3	.68
*AX56	57.3	.36	*AX105	106.3	.69
AX57	58.3	.36	*AX110	111.3	.73
AX58	59.3	.38	*AX112	113.3	.74
AX59	60.3	.38	*AX120	121.3	.79
*AX60	61.3	.38	*AX128	129.3	.83
AX61	62.3	.40	*AX136	137.3	.90
*AX62	63.3	.40	AX144	145.3	.95
AX63	64.3	.40	AX158	159.3	1.04
*AX64	65.3	.40	AX173	174.3	1.14
AX65	66.3	.42	AX180	181.3	1.19
*AX66	67.3	.44			

## BX Belts

Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.
BX28	29.8	.28	BX32	33.8	.30
BX34	35.8	.32	*BX35	36.8	.34
BX36	37.8	.36	BX38	39.8	.36
*BX40	41.8	.38	BX41	42.8	.40
*BX42	43.8	.40	BX43	44.8	.42
BX44	45.8	.42	BX45	46.8	.44
BX46	47.8	.44	*BX47	48.8	.46
*BX48	49.8	.46	BX49	50.8	.48
BX50	51.8	.48	*BX51	52.8	.48
*BX52	53.8	.50	*BX53	54.8	.50
BX54	55.8	.52	*BX55	56.8	.52
*BX56	57.8	.54	*BX57	58.8	.56
BX58	59.8	.56	BX59	60.8	.56
*BX60	61.8	.56	*BX61	62.8	.58
*BX62	63.8	.58	*BX63	64.8	.59
BX64	65.8	.60	*BX65	66.8	.61
*BX66	67.8	.62	*BX67	68.8	.63
*BX68	69.8	.64	BX69	70.8	.66
BX70	71.8	.67	*BX71	72.8	.68
*BX72	73.8	.68	BX73	74.8	.69
BX74	75.8	.70	*BX75	76.8	.70
*BX76	77.8	.71	*BX77	78.8	.72
*BX78	79.8	.73			

\* Belt sizes utilized in computer selection program.  
 Outside Length "AX" Belts equals Datum Length + 1".  
 Outside Length "BX" Belts equals Datum Length + 1".

# CLASSICAL COG V-BELTS



## BX Belts, cont.

Product No.	Datum Length	Weight Lbs.
*BX79	80.8	.74
*BX80	81.8	.75
*BX81	82.8	.76
*BX82	83.8	.77
*BX83	84.8	.78
*BX84	85.8	.79
*BX85	86.8	.80
BX86	87.8	.82
BX87	88.8	.83
BX88	89.8	.85
BX89	90.8	.86
*BX90	91.8	.87
BX91	92.8	.87
BX92	93.8	.87
*BX93	94.8	.87
BX94	95.8	.88
*BX95	96.8	.89
*BX96	97.8	.90
*BX97	98.8	.91
BX98	99.8	.92
*BX99	100.8	.93
*BX100	101.8	.94
*BX103	104.8	.97
*BX105	106.8	.98
BX106	107.8	.99
BX108	109.8	1.01
*BX112	113.8	1.05
*BX113	114.8	1.06
BX115	116.8	1.08
*BX116	117.8	1.10
*BX120	121.8	1.12
BX123	124.8	1.14
*BX124	125.8	1.16
BX126	127.8	1.18
*BX128	129.8	1.20
*BX133	134.8	1.24
*BX136	137.8	1.27
BX140	141.8	1.30
*BX144	145.8	1.35
BX148	149.8	1.37
*BX150	151.8	1.40
BX154	155.8	1.44
*BX158	159.8	1.48
*BX162	163.8	1.51
*BX173	174.8	1.62
*BX180	181.8	1.68
BX191	192.8	1.90
*BX195	196.8	2.00
*BX210	211.8	2.10
BX225	225.3	2.30
*BX240	240.3	2.40
BX255	255.3	2.50
*BX270	270.3	2.70
BX300	300.3	3.00

## CX Belts

Product No.	Datum Length	Weight Lbs.
•CX51	53.9	.91
CX55	57.9	.99
•CX60	62.9	1.07
•CX68	70.9	1.20
CX72	74.9	1.24
•CX75	77.9	1.29
CX78	80.9	1.35
•CX81	83.9	1.39
•CX85	87.9	1.46
•CX90	92.9	1.55
•CX96	98.9	1.65
CX100	102.9	1.69
CX101	103.9	1.72
•CX105	107.9	1.80
•CX109	111.9	1.87
CX111	113.9	1.90
•CX112	114.9	1.92
•CX115	117.9	1.97
•CX120	122.9	2.05
•CX128	130.9	2.19
•CX136	138.9	2.32
•CX144	146.9	2.46
CX148	150.9	2.54
•CX150	152.9	2.62
•CX158	160.9	2.69
•CX162	164.9	2.80
•CX173	175.9	3.00
•CX180	182.9	3.10
•CX195	197.9	3.20
•CX210	212.9	3.40
CX225	225.9	3.60
•CX240	240.9	3.90
CX255	255.9	4.10
•CX270	270.9	4.40
CX300	300.9	4.90
CX330	330.9	5.30
CX360	360.9	5.80

## DX Belts

Product No.	Datum Length	Weight Lbs.
•DX120	123.3	4.60
•DX128	131.3	4.90
•DX144	147.3	5.40
•DX158	161.3	6.00
•DX162	165.3	6.20
•DX173	176.3	6.60
•DX180	183.3	6.80
•DX195	198.3	7.40
•DX210	213.3	8.00
•DX225	225.3	8.60
•DX240	240.8	9.10
•DX255	255.8	9.70
•DX270	270.8	10.30
•DX300	300.8	11.40
•DX330	330.8	12.50
•DX360	360.8	12.70

\* Belt sizes utilized in computer selection program.

Outside Length "BX" Belts equals Datum Length + 1".

Outside Length "CX" Belts equals Datum Length + 2".

Outside Length "DX" Belts equals Datum Length + 2".





# CLASSICAL COG BANDED V-BELTS

## “RBX” Banded Belts

Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.
2RBX55	56.8	1.3	2RBX75	76.8	1.8	2RBX105	105.8	2.5	2RBX173	174.8	4.1
2RBX55	56.8	2.0	3RBX75	76.8	2.6	3RBX105	105.8	3.7	3RBX173	174.8	6.1
4RBX55	56.8	2.6	4RBX75	76.8	3.5	4RBX105	105.8	4.9	4RBX173	174.8	8.2
5RBX55	56.8	3.3	5RBX75	76.8	4.5	5RBX105	105.8	6.3	5RBX173	174.8	10.3
2RBX60	61.8	1.4	2RBX78	79.8	1.8	2RBX112	113.8	2.6	2RBX180	181.8	4.2
3RBX60	61.8	2.1	3RBX78	79.8	2.8	3RBX112	113.8	4.0	3RBX180	181.8	6.3
4RBX60	61.8	2.8	4RBX78	79.8	3.7	4RBX112	113.8	5.3	4RBX180	181.8	8.5
5RBX60	61.8	3.5	5RBX78	79.8	4.8	5RBX112	113.8	6.8	5RBX180	181.8	10.5
2RBX62	63.8	1.5	2RBX81	82.8	1.9	2RBX120	121.8	2.8	2RBX195	196.8	4.9
3RBX62	63.8	2.2	3RBX81	82.8	2.9	3RBX120	121.8	4.2	3RBX195	196.8	7.4
4RBX62	63.8	2.9	4RBX81	82.8	3.8	4RBX120	121.8	5.6	4RBX195	196.8	9.8
5RBX62	63.8	3.8	5RBX81	82.8	4.8	5RBX120	121.8	7.0	5RBX195	196.8	12.3
2RBX64	65.8	1.5	2RBX83	84.8	2.0	2RBX128	129.8	3.0	2RBX210	211.8	5.3
3RBX64	65.8	2.3	3RBX83	84.8	2.9	3RBX128	129.8	4.5	3RBX210	211.8	7.9
4RBX64	65.8	3.0	4RBX83	84.8	3.9	4RBX128	129.8	6.0	4RBX210	211.8	10.6
5RBX64	65.8	3.8	5RBX83	84.8	5.0	5RBX128	129.8	7.7	5RBX210	211.8	13.3
2RBX66	67.8	1.6	2RBX85	86.8	2.0	2RBX136	137.8	3.2	2RBX240	240.3	6.0
3RBX66	67.8	2.3	3RBX85	86.8	3.0	3RBX136	137.8	4.8	3RBX240	240.3	9.0
4RBX66	67.8	3.1	4RBX85	86.8	4.0	4RBX136	137.8	6.4	4RBX240	240.3	12.0
5RBX66	67.8	4.0	5RBX85	86.8	5.0	5RBX136	137.8	8.2	5RBX240	240.3	15.0
2RBX68	69.8	1.6	2RBX90	91.8	2.1	2RBX144	145.8	3.4	2RBX270	270.3	6.7
3RBX68	69.8	2.4	3RBX90	91.8	3.2	3RBX144	145.8	5.1	3RBX270	270.3	10.1
4RBX68	69.8	3.2	4RBX90	91.8	4.2	4RBX144	145.8	6.8	4RBX270	270.3	13.6
5RBX68	69.8	4.0	5RBX90	91.8	5.3	5RBX144	145.8	8.5	5RBX270	270.3	16.8
2RBX71	72.8	1.7	2RBX97	98.8	2.3	2RBX158	159.8	3.7			
3RBX71	72.8	2.5	3RBX97	98.8	3.4	3RBX158	159.8	5.6			
4RBX71	72.8	3.4	4RBX97	98.8	4.6	4RBX158	159.8	7.5			
5RBX71	72.8	4.3	5RBX97	98.8	5.8	5RBX158	159.8	9.3			

## “RCX” Banded Belts

Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.
2RCX68	70.9	3.0	2RCX112	114.9	4.8	2RCX173	175.9	7.4	2RCX270	270.9	10.9
3RCX68	70.9	4.5	3RCX112	114.9	7.2	3RCX173	175.9	11.1	3RCX270	270.9	16.4
4RCX68	70.9	6.0	4RCX112	114.9	9.7	4RCX173	175.9	14.9	4RCX270	270.9	22.0
5RCX68	70.9	7.5	5RCX112	114.9	12.0	5RCX173	175.9	18.5	5RCX270	270.9	27.3
2RCX75	77.9	3.2	2RCX120	122.9	5.1	2RCX180	182.9	7.7	2RCX300	300.9	12.1
3RCX75	77.9	4.9	3RCX120	122.9	7.7	3RCX180	182.9	11.5	3RCX300	300.9	18.3
4RCX75	77.9	6.5	4RCX120	122.9	10.3	4RCX180	182.9	15.4	4RCX300	300.9	24.4
5RCX75	77.9	8.0	5RCX120	122.9	12.8	5RCX180	182.9	19.3	5RCX300	300.9	30.3
2RCX81	83.9	3.5	2RCX128	130.9	5.5	2RCX195	197.9	7.9	2RCX330	330.9	13.3
3RCX81	83.9	5.2	3RCX128	130.9	8.3	3RCX195	197.9	11.9	3RCX330	330.9	20.1
4RCX81	83.9	7.0	4RCX128	130.9	11.0	4RCX195	197.9	15.9	4RCX330	330.9	26.9
5RCX81	83.9	8.8	5RCX128	130.9	13.8	5RCX195	197.9	19.8	5RCX330	330.9	33.3
2RCX85	87.9	3.7	2RCX136	138.9	5.8	2RCX210	212.9	8.5	2RCX360	360.9	14.5
3RCX85	87.9	5.5	3RCX136	138.9	8.7	3RCX210	212.9	12.8	3RCX360	360.9	21.9
4RCX85	87.9	7.4	4RCX136	138.9	11.7	4RCX210	212.9	17.1	4RCX360	360.9	29.3
5RCX85	87.9	8.3	5RCX136	138.9	14.5	5RCX210	212.9	21.3	5RCX360	360.9	36.3
2RCX90	92.9	3.9	2RCX144	146.9	6.2	2RCX225	225.9	9.1			
3RCX90	92.9	5.8	3RCX144	146.9	9.7	3RCX225	225.9	13.7			
4RCX90	92.9	7.8	4RCX144	146.9	12.4	4RCX225	225.9	18.2			
5RCX90	92.9	9.5	5RCX144	146.9	15.5	5RCX225	225.9	22.8			
2RCX96	98.6	4.1	2RCX158	160.9	6.7	2RCX240	240.9	9.7			
3RCX96	98.6	6.2	3RCX158	160.9	10.1	3RCX240	240.9	14.6			
4RCX96	98.6	8.3	4RCX158	160.9	13.6	4RCX240	240.9	18.6			
5RCX96	98.6	10.3	5RCX158	160.9	16.8	5RCX240	240.9	24.3			
2RCX105	107.9	4.5	2RCX162	164.9	6.9	2RCX255	255.9	10.3			
3RCX105	107.9	6.8	3RCX162	164.9	10.4	3RCX255	255.9	15.5			
4RCX105	107.9	9.1	4RCX162	164.9	13.9	4RCX255	255.9	20.6			
5RCX105	107.9	11.3	5RCX162	164.9	17.3	5RCX255	255.9	25.8			

# CLASSICAL COG BANDED V-BELTS



## “RDX” Banded Belts

Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.	Product No.	Datum Length	Weight Lbs.
2RDX120	123.3	11.5	2RDX173	176.3	16.6	2RDX225	225.8	21.5	2RDX300	300.8	28.7
3RDX120	123.3	17.3	3RDX173	176.3	24.9	3RDX225	225.8	32.3	3RDX300	300.8	43.1
4RDX120	123.3	23.0	4RDX173	176.3	33.2	4RDX225	225.8	43.0	4RDX300	300.8	57.4
5RDX120	123.3	28.8	5RDX173	176.3	41.5	5RDX225	225.8	53.8	5RDX300	300.8	71.8
2RDX128	131.3	12.3	2RDX180	183.3	17.1	2RDX240	240.8	22.9	2RDX330	330.8	31.5
3RDX128	131.3	18.5	3RDX180	183.3	25.7	3RDX240	240.8	34.4	3RDX330	330.8	47.3
4RDX128	131.3	24.6	4RDX180	183.3	34.2	4RDX240	240.8	45.8	4RDX330	330.8	63.0
5RDX128	131.3	30.8	5RDX180	183.3	42.8	5RDX240	240.8	57.3	5RDX330	330.8	78.8
2RDX144	147.3	13.8	2RDX195	198.3	18.6	2RDX255	255.8	24.4	2RDX360	360.8	34.5
3RDX144	147.3	20.7	3RDX195	198.3	27.9	3RDX255	255.8	36.6	3RDX360	360.8	51.8
4RDX144	147.3	27.6	4RDX195	198.3	37.2	4RDX255	255.8	48.8	4RDX360	360.8	69.0
5RDX144	147.3	34.5	5RDX195	198.3	46.5	5RDX255	255.8	61.0	5RDX360	360.8	86.3
2RDX158	161.3	15.1	2RDX210	213.3	20.1	2RDX270	270.8	26.0			
3RDX158	161.3	22.7	3RDX210	213.3	30.2	3RDX270	270.8	39.0			
4RDX158	161.3	30.2	4RDX210	213.3	40.2	4RDX270	270.8	52.0			
5RDX158	161.3	37.8	5RDX210	213.3	50.3	5RDX270	270.8	65.0			



# DOUBLE-V (HEX) V-BELTS

Double-V or Hex belts, as they are frequently called, are used on drives having one or more reverse bends and usually where power must be transmitted to or from the belt in both the usual and also the reverse bend positions. Sometimes these drives are referred to as "Serpentine" because of the snakelike path the belt must travel.

## AA Belts

Product No.	Standard Effective Length	Approx. Weight
AA51	53.1	.40
AA55	57.1	.50
AA60	62.1	.50
AA62	64.1	.50
AA64	66.1	.60
AA66	68.1	.61
AA68	70.1	.60
AA70	72.1	.60
AA75	77.1	.60
AA78	80.1	.70
AA80	82.1	.70
AA85	87.1	.70
AA90	92.1	.80
AA92	94.1	.80
AA96	98.1	.80
AA105	107.1	.90
AA112	114.1	1.00
AA120	122.1	1.00
AA128	130.1	1.10

## BB Belts

Product No.	Standard Effective Length	Approx. Weight
BB42	43.9	.60
BB43	44.9	.60
BB45	47.9	.60
BB51	53.9	.80
BB53	55.9	.80
BB54	56.9	.80
BB55	57.9	.80
BB60	62.9	.80
BB64	66.9	.90
BB68	70.9	.90
BB71	73.9	.90
BB72	74.9	1.00
BB73	75.9	1.00
BB74	76.9	1.00
BB75	77.9	1.00
BB76	78.9	1.00
BB77	79.9	1.10
BB81	83.9	1.10
BB83	85.9	1.10
BB85	87.9	1.20
BB89	91.9	1.20
BB90	92.9	1.20
BB92	94.9	1.20
BB93	95.9	1.30
BB94	96.9	1.30
BB96	98.9	1.30
BB97	99.9	1.30
BB103	105.9	1.40
BB105	107.9	1.40
BB107	109.9	1.50
BB108	110.9	1.50
BB111	113.9	1.50
BB112	114.9	1.50
BB116	118.9	1.60
BB117	119.9	1.60
BB118	120.9	1.60
BB120	122.9	1.60
BB122	124.9	1.70
BB123	125.9	1.70
BB124	126.9	1.70
BB128	130.9	1.80
BB129	131.9	1.80
BB130	132.9	1.80
BB136	138.9	1.90
BB140	142.9	2.00
BB144	146.9	2.00
BB155	157.9	2.10
BB157	159.9	2.10
BB158	160.9	2.10
BB160	162.9	2.20
BB162	164.9	2.20
BB168	170.9	2.30
BB169	171.9	2.30
BB170	172.9	2.30
BB173	175.9	2.30

Product No.	Standard Effective Length	Approx. Weight
BB180	182.9	2.40
BB182	184.9	2.40
BB190	192.9	2.60
BB195	197.9	2.60
BB210	212.9	2.80
BB225	227.9	3.00
BB226	228.9	3.00
BB228	230.9	3.00
BB230	232.9	3.10
BB240	241.4	3.20
BB255	256.4	3.20
BB267	268.4	3.20
BB270	271.4	3.60
BB273	274.4	3.60
BB277	278.4	3.60
BB278	279.4	3.70
BB285	286.4	3.90
BB300	301.4	4.00
BB330	331.4	5.60
BB360	361.4	4.50

## CC Belts

Product No.	Standard Effective Length	Approx. Weight
CC75	79.2	1.90
CC81	85.2	2.00
CC85	89.2	2.10
CC90	94.2	2.20
CC96	100.2	2.40
CC105	109.2	2.60
CC112	116.2	2.80
CC119	123.2	2.90
CC120	124.2	3.00
CC128	132.2	3.20
CC136	140.2	3.40
CC144	148.2	3.60
CC148	152.2	3.70
CC158	162.2	3.80
CC162	166.2	3.90
CC173	177.2	4.20
CC180	184.2	4.40
CC195	199.2	4.70
CC210	214.2	5.10
CC225	227.2	5.60
CC240	242.2	5.80
CC255	257.2	6.20
CC270	272.2	6.50
CC300	302.2	7.20
CC330	332.2	9.20
CC360	362.2	8.70
CC390	392.2	9.50
CC420	422.2	10.80

## CCP Dry Can Belts

Product No.	Standard Effective Length	Approx. Weight
CCP240	242.2	8.23
CCP255	257.2	8.72
CCP270	272.2	9.22
CCP300	302.2	10.22
CCP330	332.2	11.16
CCP360	362.2	12.15
CCP390	392.2	13.14
CCP408	410.2	13.74
CCP420	422.2	14.14
CCP440	442.2	14.80
CCP450	452.2	15.13
CCP470	472.2	15.79
CCP480	482.2	16.12
CCP540	542.2	18.11
CCP550	552.2	18.44
CCP578	580.2	19.37
CCP600	602.2	20.10
CCP640	642.2	21.42
CCP660	662.2	22.08
CCP670	672.2	22.42
CCP680	682.2	22.75
CCP700	702.2	23.41
CCP720	722.2	24.07
CCP750	752.2	25.06
CCP780	782.2	26.06
CCP800	802.2	26.72
CCP840	842.2	28.04
CCP900	902.2	30.03

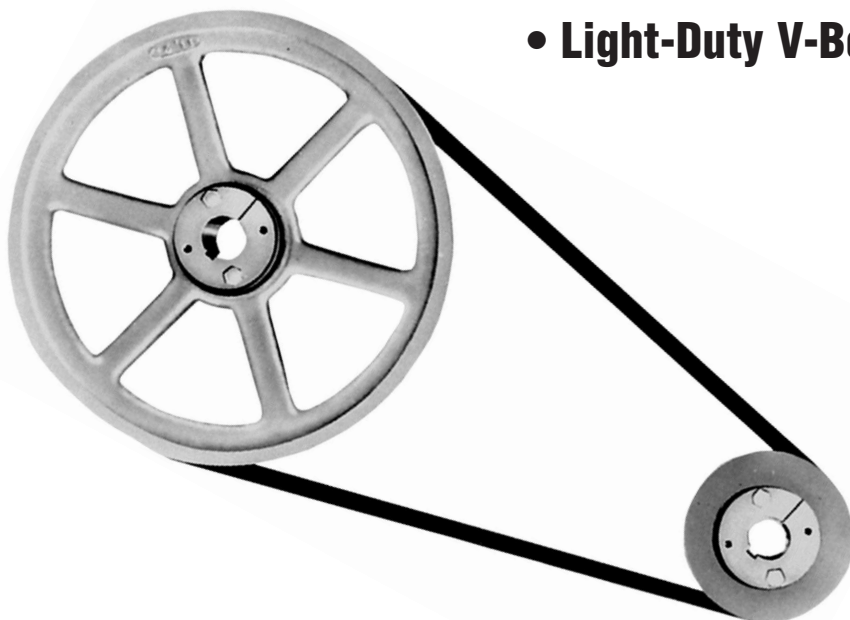
For other sizes, contact factory for availability.

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# **LIGHT-DUTY (FHP) V-BELT DRIVES**

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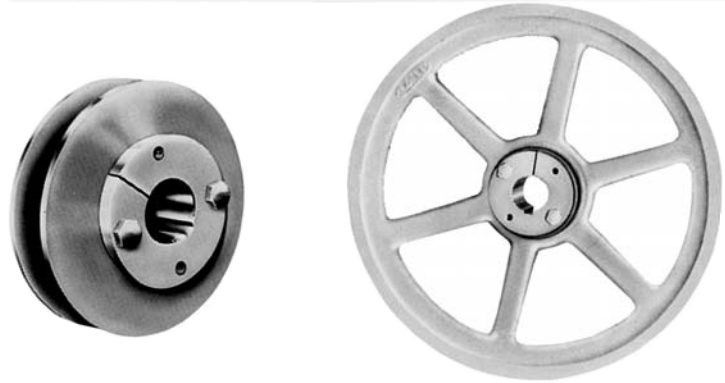
- **Fixed Bore and Sure-Grip Bushed Designs**
- **Cast Iron Sheaves**
- **Light-Duty V-Belts**





# LIGHT-DUTY (FHP) SHEAVES

- CAPACITIES TO 15 HP
- BORE SIZES FROM 1/2 TO 1-1/2 INCHES
- EASY-MOUNT SURE-GRIP QUICK-DETACHABLE BUSHINGS
- EFFICIENT, ECONOMICAL, LIGHTWEIGHT



Light-duty sheaves are available in two types, both with one and two grooves. "A" sheaves are made to accommodate A (4L) belts; "B" sheaves are made for A (4L) or B (5L) belts. The two lines of sheaves have identical pitch diameters when using A or 4L belts.

Wood's light-duty sheaves can be equipped with Wood's "QT" Sure-Grip QD-type bushings. This quick-detachable tapered bushing is split through flange and tapered surface to provide a true clamp that is comparable to a shrink fit.

Sure-Grip bushings are easy to install and remove. The flange has two drilled and two tapped holes for easy assembly with two capscrews. Bore range is 1/2 through 1-1/2 in.

## QT BUSHED SHEAVES FOR "A" BELTS

DATUM DIA.		O.D. ♦	Product No.	Single-Groove					Product No.	Two-Groove						
3L (O)	4L (A)			Type	DIMENSIONS					Wt. Lbs.	Type	DIMENSIONS				Wt. Lbs.
					E	F	L	M			E	F	L	M		
2.46	2.80	3.05	AK30	E1	3/8	3/4	1-1/4	7/8	1.7	2AK30	E1	1	1-3/8	1-1/4	7/8	2.0
2.66	3.00	3.25	AK32	E1	3/8	3/4	1-1/4	7/8	1.8	2AK32	E1	1	1-3/8	1-1/4	7/8	2.3
2.86	3.20	3.45	AK34	E1	1/16	3/4	1-1/4	9/16	1.8	2AK34	E1	9/16	1-3/8	1-1/4	7/16	2.4
3.16	3.50	3.75	AK39	E1	1/16	3/4	1-1/4	9/16	2.0	2AK39	E1	9/16	1-3/8	1-1/4	7/16	2.4
3.36	3.70	3.95	AK41	E1	1/16	3/4	1-1/4	9/16	2.2	2AK41	A2	1/16	1-3/8	1-1/4	1/16	2.5
3.66	4.00	4.25	AK44	E1	1/16	3/4	1-1/4	9/16	2.5	2AK44	A2	1/16	1-3/8	1-1/4	1/16	3.0
3.86	4.20	4.45	AK46	C2	1/16	3/4	1-1/4	9/16	2.5	2AK46	A2	1/16	1-3/8	1-1/4	1/16	3.1
4.16	4.50	4.75	AK49	C2	1/16	3/4	1-1/4	9/16	2.7	2AK49	A2	1/16	1-3/8	1-1/4	1/16	3.7
4.36	4.70	4.95	AK51	C2	1/16	3/4	1-1/4	9/16	2.9	2AK51	A2	1/16	1-3/8	1-1/4	1/16	3.8
4.66	5.00	5.25	AK54	C2	1/16	3/4	1-1/4	9/16	2.6	2AK54	A2	1/16	1-3/8	1-1/4	1/16	4.0
4.86	5.20	5.45	AK56	C2	1/16	3/4	1-1/4	9/16	2.9	2AK56	A2	1/16	1-3/8	1-1/4	1/16	4.2
5.16	5.50	5.75	AK59	C2	1/16	3/4	1-1/4	9/16	3.0	2AK59	D3	1/16	1-3/8	1-1/4	1/16	4.0
5.36	5.70	5.95	AK61	D3	1/16	3/4	1-1/4	9/16	3.1	2AK61	D3	1/16	1-3/8	1-1/4	1/16	3.9
5.66	6.00	6.25	AK64	D3	1/16	3/4	1-1/4	9/16	3.3	2AK64	D3	1/16	1-3/8	1-1/4	1/16	4.5
5.86	6.20	6.45	AK66	D3	1/16	3/4	1-1/4	9/16	3.4	...	...	...	...	...	...	...
6.16	6.50	6.75	AK69	D3	1/16	3/4	1-1/4	9/16	3.8	...	...	...	...	...	...	...
6.36	6.70	6.95	AK71	D3	1/16	3/4	1-1/4	9/16	3.7	...	...	...	...	...	...	...
6.66	7.00	7.25	AK74	D3	1/16	3/4	1-1/4	9/16	3.9	2AK74	D3	1/16	1-3/8	1-1/4	1/16	5.5
7.16	7.50	7.75	AK79	D3	1/16	3/4	1-1/4	9/16	4.1	...	...	...	...	...	...	...
7.66	8.00	8.25	AK84	D3	1/16	3/4	1-1/4	9/16	4.2	2AK84	D3	1/16	1-3/8	1-1/4	1/16	5.4
8.16	8.50	8.75	AK89	D3	1/16	3/4	1-1/4	9/16	4.6	...	...	...	...	...	...	...
8.66	9.00	9.25	AK94	D3	1/16	3/4	1-1/4	9/16	5.0	2AK94	D3	1/16	1-3/8	1-1/4	1/16	6.7
9.16	9.50	9.75	AK99	D3	1/16	3/4	1-1/4	9/16	5.3	...	...	...	...	...	...	...
9.66	10.00	10.25	AK104	D3	1/16	3/4	1-1/4	9/16	5.1	2AK104	D3	1/16	1-3/8	1-1/4	1/16	8.3
10.16	10.50	10.75	AK109	D3	1/16	3/4	1-1/4	9/16	5.7	...	...	...	...	...	...	...
10.66	11.00	11.25	AK114	D3	1/16	3/4	1-1/4	9/16	6.1	2AK114	D3	1/16	1-3/8	1-1/4	1/16	9.1
11.66	12.00	12.25	AK124	D3	1/16	3/4	1-1/4	9/16	6.7	2AK124	D3	1/16	1-3/8	1-1/4	1/16	10.1
12.66	13.00	13.25	AK134	D3	1/16	3/4	1-1/4	9/16	8.0	2AK134	D3	1/16	1-3/8	1-1/4	1/16	12.0
13.66	14.00	14.25	AK144	D3	1/16	3/4	1-1/4	9/16	8.4	2AK144	D3	1/16	1-3/8	1-1/4	1/16	12.5
14.66	15.00	15.25	AK154	D3	1/16	3/4	1-1/4	9/16	9.4	2AK154	D3	1/16	1-3/8	1-1/4	1/16	13.9
17.66	18.00	18.25	AK184	D3	1/16	3/4	1-1/4	9/16	11.9	2AK184	D3	1/16	1-3/8	1-1/4	1/16	17.4

Weights for all Sure-Grip bushed items are approximate and include the bushing.

♦ P.D. for 4L same as O.D. P.D. for 3L = Datum Dia. + .25

# LIGHT-DUTY (FHP) SHEAVES



## QT BUSHED SHEAVES FOR "B" BELTS

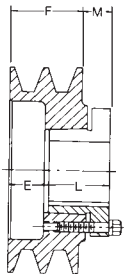
DATUM DIA.		O.D. ◆	Product No.	Single-Groove					Product No.	Two-Groove						
4L (A)	5L (B)			Type	DIMENSIONS					Wt. Lbs.	Type	DIMENSIONS				Wt. Lbs.
					E	F	L	M			E	F	L	M		
2.40	2.80	3.15	BK30	E1	1/2	7/8	1-1/4	7/8	1.8	...	...	...	...	...	...	
2.60	3.00	3.35	BK32	E1	1/2	7/8	1-1/4	7/8	2.0	2BK32	E1	1-3/8	1-3/4	1-1/4	7/8	2.6
2.80	3.20	3.55	BK34	E1	1/2	7/8	1-1/4	7/8	2.2	2BK34	E1	1-3/8	1-3/4	1-1/4	7/8	3.0
3.00	3.40	3.75	BK36	C2	1/16	7/8	1-1/4	7/16	1.8	2BK36	E1	15/16	1-3/4	1-1/4	7/16	2.6
3.20	3.60	3.95	BK40	C2	1/16	7/8	1-1/4	7/16	2.0	2BK40	E1	15/16	1-3/4	1-1/4	7/16	3.0
3.50	3.90	4.25	BK45	C2	1/16	7/8	1-1/4	7/16	2.4	2BK45	E1	15/16	1-3/4	1-1/4	7/16	3.6
3.70	4.10	4.45	BK47	C2	1/16	7/8	1-1/4	7/16	2.8	2BK47	A2	1/16	1-3/4	1-1/4	7/16	3.4
4.00	4.40	4.75	BK50	C2	1/16	7/8	1-1/4	7/16	2.6	2BK50	A2	1/16	1-3/4	1-1/4	7/16	3.9
4.20	4.60	4.95	BK52	C2	1/16	7/8	1-1/4	7/16	2.7	2BK52	A2	1/16	1-3/4	1-1/4	7/16	4.2
4.50	4.90	5.25	BK55	C2	1/16	7/8	1-1/4	7/16	3.3	2BK55	A2	1/16	1-3/4	1-1/4	7/16	4.5
4.70	5.10	5.45	BK57	C2	1/16	7/8	1-1/4	7/16	3.3	2BK57	A2	1/16	1-3/4	1-1/4	7/16	4.9
5.00	5.40	5.75	BK60	C2	1/16	7/8	1-1/4	7/16	3.1	2BK60	A2	1/16	1-3/4	1-1/4	7/16	5.0
5.20	5.60	5.95	BK62	C2	1/16	7/8	1-1/4	7/16	3.2	2BK62	A2	1/16	1-3/4	1-1/4	7/16	5.1
5.50	5.90	6.25	BK65	C2	1/16	7/8	1-1/4	7/16	3.4	2BK65	D3	5/16	1-3/4	1-1/4	3/16	5.1
5.70	6.10	6.45	BK67	C2	1/16	7/8	1-1/4	7/16	3.5	2BK67	D3	5/16	1-3/4	1-1/4	3/16	5.6
6.00	6.40	6.75	BK70	D3	1/8	7/8	1-1/4	1/2	3.4	2BK70	D3	5/16	1-3/4	1-1/4	3/16	5.7
6.20	6.60	6.95	BK72	D3	1/8	7/8	1-1/4	1/2	3.7	2BK72	D3	5/16	1-3/4	1-1/4	3/16	6.0
6.50	6.90	7.25	BK75	D3	1/8	7/8	1-1/4	1/2	3.9	...	...	...	...	...	...	
6.70	7.10	7.45	BK77	D3	1/8	7/8	1-1/4	1/2	4.2	...	...	...	...	...	...	
7.00	7.40	7.75	BK80	D3	1/8	7/8	1-1/4	1/2	4.0	2BK80	D3	5/16	1-3/4	1-1/4	3/16	7.0
7.50	7.90	8.25	BK85	D3	1/8	7/8	1-1/4	1/2	4.2	...	...	...	...	...	...	
8.00	8.40	8.75	BK90	D3	1/8	7/8	1-1/4	1/2	4.9	2BK90	D3	5/16	1-3/4	1-1/4	3/16	8.2
8.50	8.90	9.25	BK95	D3	1/8	7/8	1-1/4	1/2	5.6	...	...	...	...	...	...	
9.00	9.40	9.75	BK100	D3	1/8	7/8	1-1/4	1/2	5.8	2BK100	D3	5/16	1-3/4	1-1/4	3/16	9.0
9.50	9.90	10.25	BK105	D3	1/8	7/8	1-1/4	1/2	6.1	...	...	...	...	...	...	
10.00	10.40	10.75	BK110	D3	1/8	7/8	1-1/4	1/2	6.6	2BK110	D3	5/16	1-3/4	1-1/4	3/16	9.9
10.50	10.90	11.25	BK115	D3	1/8	7/8	1-1/4	1/2	7.0	...	...	...	...	...	...	
11.00	11.40	11.75	BK120	D3	1/8	7/8	1-1/4	1/2	7.5	2BK120	D3	5/16	1-3/4	1-1/4	3/16	11.6
12.00	12.40	12.75	BK130	D3	1/8	7/8	1-1/4	1/2	7.5	2BK130	D3	5/16	1-3/4	1-1/4	3/16	13.7
13.00	13.40	13.75	BK140	D3	1/8	7/8	1-1/4	1/2	9.1	2BK140	D3	5/16	1-3/4	1-1/4	3/16	15.4
14.00	14.40	14.75	BK150	D3	1/8	7/8	1-1/4	1/2	10.1	...	...	...	...	...	...	
15.00	15.40	15.75	BK160	D3	1/8	7/8	1-1/4	1/2	10.4	2BK160	D3	5/16	1-3/4	1-1/4	3/16	18.1
18.00	18.40	18.75	BK190	D3	1/8	7/8	1-1/4	1/2	13.4	2BK190	D3	5/16	1-3/4	1-1/4	3/16	22.1

Weights for all Sure-Grip bushed items are approximate and include the bushing.

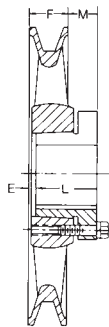
◆ P.D. for A belts = Datum Dia. + .38

P.D. for B belts = Datum Dia. + .413

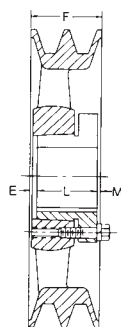
For Sure-Grip Bushing Stock Bores and keyseat information, refer to A1 section.



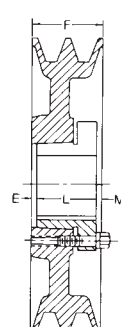
**Type E1**  
(two-groove)



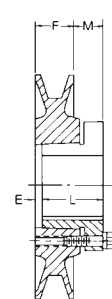
**Type D3**  
(single-groove)



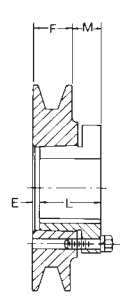
**Type D3**  
(two-groove)



**Type A2**  
(two-groove)



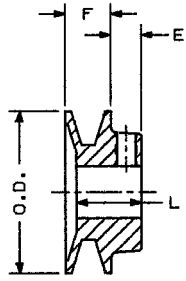
**Type C2**  
(single-groove)



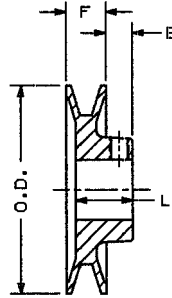
**Type E1**  
(single-groove)



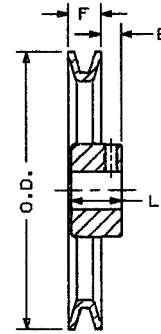
# SINGLE GROOVE (FHP) BORED-TO-SIZE SHEAVES



Type 1



Type 2



Type 3

## BTS SHEAVES FOR "A" BELTS

Product No.	Datum Dia.		O.D. ◆	Stock Bores	Max. Bore	Type	No. of Arms	Dimensions				Wt. Lbs.
	3L(O)	4L(A)						"E" Dim.	"F" Dim.	"L" Dim.	Hub Dia.	
AK15	...	1.30	1.55	1/2 - 5/8	5/8	1	N/A	7/16	21/32	1-3/32	1.38	0.4
AK16	...	1.40	1.65	1/2 - 5/8	5/8	1	N/A	7/16	21/32	1-3/32	1.38	0.4
AK17	...	1.50	1.75	1/2 - 5/8 - 3/4	7/8	1	N/A	7/16	21/32	15/16	1.56	0.4
AK18	...	1.60	1.85	5/8	7/8	1	N/A	7/16	21/32	15/16	1.56	0.4
AK19	...	1.70	1.95	1/2 - 5/8 - 3/4 - 7/8	7/8	1	N/A	7/16	21/32	15/16	1.56	0.5
AK20	1.46	1.80	2.05	1/2 - 5/8 - 3/4	7/8	1	N/A	7/16	21/32	15/16	1.56	0.5
AK21	1.56	1.90	2.15	1/2 - 5/8 - 3/4	7/8	1	N/A	7/16	21/32	15/16	1.56	0.5
AK22	1.66	2.00	2.25	1/2 - 5/8 - 3/4 - 7/8	1"	1	N/A	7/16	21/32	15/16	1.69	0.6
AK23	1.76	2.10	2.35	1/2 - 5/8 - 3/4	1"	1	N/A	7/16	21/32	15/16	1.69	0.6
AK24	1.86	2.20	2.45	1/2 - 5/8 - 3/4 - 7/8 - 1	1"	1	N/A	7/16	21/32	15/16	1.69	0.6
AK25	1.96	2.30	2.55	1/2 - 5/8 - 3/4 - 7/8	1"	2	N/A	7/16	21/32	15/16	1.69	0.7
AK26	2.06	2.40	2.65	1/2 - 5/8 - 3/4	1"	2	N/A	7/16	21/32	15/16	1.69	0.8
AK27	2.16	2.50	2.75	1/2 - 5/8 - 3/4 - 1	1"	2	N/A	7/16	21/32	15/16	1.69	0.8
AK28	2.26	2.60	2.85	1/2 - 5/8 - 3/4 - 7/8	1"	2	N/A	7/16	21/32	15/16	1.69	0.9
AK30	2.46	2.80	3.05	1/2 - 5/8 - 3/4 - 7/8 - 1	1"	2	N/A	7/16	21/32	15/16	1.69	0.9
AK32	2.66	3.00	3.25	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	2	N/A	7/16	21/32	15/16	1.69	1
AK34	2.86	3.20	3.45	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	2	N/A	7/16	21/32	15/16	1.69	1.1
AK35	2.96	3.30	3.55	1/2 - 5/8 - 3/4 - 7/8 - 1	1"	1	N/A	7/16	21/32	15/16	1.69	1
AK39	3.16	3.50	3.75	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8	1-1/8	2	N/A	15/32	3/4	1-5/32	1.81	1.6
AK41	3.36	3.70	3.95	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8	1-1/8	2	N/A	15/32	3/4	1-5/32	1.81	1.7
AK44	3.66	4.00	4.25	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8	1-1/8	3	N/A	15/32	3/4	1-5/32	1.81	1.9
AK46	3.86	4.20	4.45	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8	1-1/8	3	N/A	15/32	3/4	1-5/32	1.81	1.8
AK49	4.16	4.50	4.75	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8	1-1/8	3	N/A	15/32	3/4	1-5/32	1.81	1.9
AK51	4.36	4.70	4.95	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-5/16	3	3	15/32	3/4	1-5/32	2.06	2.2
AK54	4.66	5.00	5.25	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8 - 1-3/16	1-5/16	3	3	15/32	3/4	1-5/32	2.06	2.2
AK56	4.86	5.20	5.45	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8 - 1-3/16	1-5/16	3	3	15/32	3/4	1-5/32	2.06	2.3
AK59	5.16	5.50	5.75	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8 - 1-3/16	1-3/8	3	3	15/32	3/4	1-5/32	2.13	2.5
AK61	5.36	5.70	5.95	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8 - 1-3/16	1-3/8	3	3	15/32	3/4	1-5/32	2.13	2.4
AK64	5.66	6.00	6.25	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8 - 1-3/16	1-3/8	3	3	15/32	3/4	1-5/32	2.13	2.8
AK66	5.86	6.20	6.45	5/8 - 3/4 - 1 - 1-1/8	1-3/8	3	3	15/32	3/4	1-5/32	2.13	2.8
AK69	6.16	6.50	6.75	3/4 - 1 - 1-1/8	1-9/16	3	3	23/32	3/4	1-15/32	2.38	3.7
AK71	6.36	6.70	6.95	1/2 - 5/8 - 3/4 - 1 - 1-1/8 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	3.9
AK74	6.66	7.00	7.25	1/2 - 5/8 - 3/4 - 15/16 - 1 - 1-1/8 - 1-3/16 - 1-1/4 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	4.1
AK79	7.16	7.50	7.75	3/4 - 1 - 1-1/8 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	4.6
AK81	7.36	7.70	7.95	5/8 - 3/4 - 1	1-11/16	3	6	23/32	3/4	1-15/32	2.50	4.5
AK84	7.66	8.00	8.25	1/2 - 5/8 - 3/4 - 15/16 - 1 - 1-3/16 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	4.7
AK89	8.16	8.50	8.75	3/4 - 1 - 1-1/8 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	4.9
AK91	8.36	8.70	8.95	3/4 - 1	1-11/16	3	6	23/32	3/4	1-15/32	2.50	5
AK94	8.66	9.00	9.25	1/2 - 5/8 - 3/4 - 15/16 - 1 - 1-3/16 - 1-1/4 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	5.3
AK99	9.16	9.50	9.75	3/4 - 1 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	5.5
AK104	9.66	10.00	10.25	5/8 - 3/4 - 1 - 1-3/16 - 1-1/4 - 1-3/8 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	5.7
AK109	10.16	10.50	10.75	3/4 - 1 - 1-3/8 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	6
AK114	10.66	11.00	11.25	3/4 - 1 - 1-3/16 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	6.3
AK124	11.66	12.00	12.25	5/8 - 3/4 - 1 - 1-3/16 - 1-1/4 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	7.1
AK134	12.66	13.00	13.25	3/4 - 1 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	7.7
AK144	13.66	14.00	14.25	3/4 - 1 - 1-3/16 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	8.6
AK154	14.66	15.00	15.25	3/4 - 1 - 1-3/16 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	9.6
AK184	17.66	18.00	18.25	3/4 - 1 - 1-3/16 - 1-7/16	1-11/16	3	6	23/32	3/4	1-15/32	2.50	12.7

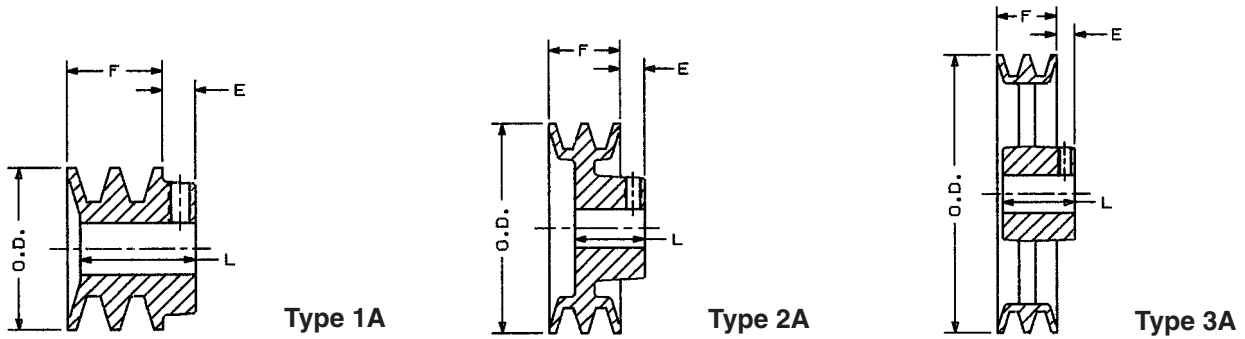
◆ P.D. for A same as O.D. P.D. for 3L = Datum Dia. + .25

Product Number Example: **AK8434** \_\_\_\_\_ BORE SIZE

### Standard Keyseat Dimensions

Shaft Dia.	Width	Depth
1/2	No Keyseat	
5/8 - 7/8	3/16	3/32
15/16 - 1-1/4	1/4	1/8
1-5/16 - 1-3/8	5/16	5/32
1-7/16 - 1-3/4	3/8	3/16

# TWO GROOVE (FHP) BORED-TO-SIZE SHEAVES



## BTS SHEAVES FOR "A" BELTS

Product No.	Datum Dia.		O.D. ◆	Stock Bores	Max. Bore	Type	No. of Arms	Dimensions				Wt. Lbs.
	3L(O)	4L(A)						"E" Dim.	"F" Dim.	"L" Dim.	Hub Dia.	
2AK20	1.46	1.80	2.05	1/2 - 5/8 - 3/4 - 7/8*	15/16	1A	N/A	15/32	1-3/8	1-21/32	1.63	0.9
2AK21	1.56	1.90	2.15	1/2 - 5/8 - 3/4 -	15/16	1A	N/A	15/32	1-3/8	1-21/32	1.63	1
2AK22	1.66	2.00	2.25	1/2 - 5/8 - 3/4 - 7/8 - 1*	1"	1A	N/A	15/32	1-3/8	1-21/32	1.63	1.1
2AK23	1.76	2.10	2.35	5/8 - 3/4 - 7/8 - 1	1-1/8	1A	N/A	15/32	1-3/8	1-21/32	1.88	1.3
2AK25	1.96	2.30	2.55	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	1A	N/A	15/32	1-3/8	1-21/32	1.88	1.5
2AK26	2.06	2.40	2.65	5/8 - 3/4 - 7/8	1-1/8	1A	N/A	15/32	1-3/8	1-21/32	1.88	1.6
2AK27	2.16	2.50	2.75	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	1A	N/A	15/32	1-3/8	1-21/32	1.88	1.7
2AK28	2.26	2.60	2.85	5/8 - 3/4 - 7/8 - 1	1-1/8	1A	N/A	15/32	1-3/8	1-21/32	1.88	1.8
2AK30	2.46	2.80	3.05	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	1A	N/A	15/32	1-3/8	1-21/32	1.88	2
2AK32	2.66	3.00	3.25	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	1A	N/A	15/32	1-3/8	1-21/32	1.88	2.3
2AK34	2.86	3.20	3.45	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	1A	N/A	15/32	1-3/8	1-21/32	1.88	2.6
2AK39	3.16	3.50	3.75	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	2A	N/A	15/32	1-3/8	1-11/32	2.13	2.6
2AK41	3.36	3.70	3.95	5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-3/8	2A	N/A	15/32	1-3/8	1-11/32	2.13	2.8
2AK44	3.66	4.00	4.25	5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-3/8	2A	N/A	15/32	1-3/8	1-11/32	2.13	3.2
2AK46	3.86	4.20	4.45	5/8 - 7/8 - 1 - 1-1/8	1-3/8	2A	N/A	15/32	1-3/8	1-11/32	2.13	3.2
2AK49	4.16	4.50	4.75	3/4 - 7/8 - 1 - 1-1/8 - 1-3/8	1-7/16	2A	N/A	15/32	1-3/8	1-11/32	2.25	3.6
2AK51	4.36	4.70	4.95	3/4 - 7/8 - 1 - 1-1/8 - 1-3/8	1-7/16	2A	N/A	15/32	1-3/8	1-11/32	2.25	3.3
2AK54	4.66	5.00	5.25	5/8 - 3/4 - 7/8 - 1 - 1-1/8 - 1-3/8	1-7/16	3A	3	15/32	1-3/8	1-11/32	2.25	3.8
2AK56	4.86	5.20	5.45	5/8 - 3/4 - 1 - 1-1/8 - 1-3/8	1-7/16	3A	3	15/32	1-3/8	1-11/32	2.25	4.1
2AK59	5.16	5.50	5.75	1 - 1-1/8 - 1-3/8	1-7/16	3A	3	15/32	1-3/8	1-11/32	2.25	3.9
2AK61	5.36	5.70	5.95	3/4 - 7/8 - 1 - 1-1/8 - 1-3/8	1-7/16	3A	3	15/32	1-3/8	1-11/32	2.25	4
2AK64	5.66	6.00	6.25	3/4 - 1 - 1-1/8 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3A	3	11/32	1-3/8	1-19/32	2.50	4.9
2AK74	6.66	7.00	7.25	3/4 - 1 - 1-1/8 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3A	6	11/32	1-3/8	1-19/32	2.50	6
2AK84	7.66	8.00	8.25	3/4 - 15/16 - 1 - 1-1/8 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3A	6	11/32	1-3/8	1-19/32	2.50	6.6
2AK94	8.66	9.00	9.25	3/4 - 1 - 1-1/8 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3A	6	11/32	1-3/8	1-19/32	2.50	7.5
2AK104	9.66	10.00	10.25	3/4 - 15/16 - 1 - 1-3/16 - 1-7/16	1-11/16	3A	6	11/32	1-3/8	1-19/32	2.50	8.5
2AK114	10.66	11.00	11.25	1 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3A	6	11/32	1-3/8	1-19/32	2.50	9.3
2AK124	11.66	12.00	12.25	1 - 1-3/16 - 1-7/16	1-11/16	3A	6	11/32	1-3/8	1-19/32	2.50	10.1
2AK134	12.66	13.00	13.25	1-3/16 - 1-7/16	1-11/16	3A	6	11/32	1-3/8	1-19/32	2.50	10.9
2AK144	13.66	14.00	14.25	1 - 1-7/16	1-11/16	3A	6	11/32	1-3/8	1-19/32	2.50	12.2
2AK154	14.66	15.00	15.25	1-3/16 - 1-7/16	1-11/16	3A	6	11/32	1-3/8	1-19/32	2.50	13.8
2AK184	17.66	18.00	18.25	1-3/16 - 1-7/16	1-11/16	3A	6	11/32	1-3/8	1-19/32	2.50	17

\*Cannot use 3L belt.

### Standard Keyseat Dimensions

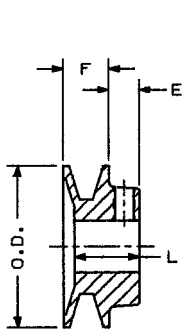
Shaft Dia.	Width	Depth
1/2	No Keyseat	
5/8 - 7/8	3/16	3/32
15/16 - 1-1/4	1/4	1/8
1-5/16 - 1-3/8	5/16	5/32
1-7/16 - 1-3/4	3/8	3/16

◆ P.D. for A same as O.D. P.D. for 3L = Datum Dia. + .25

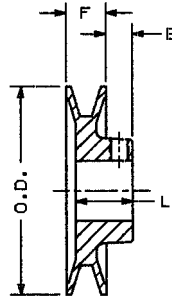
Product Number Example: **2AK1141** \_\_\_\_\_ BORE SIZE



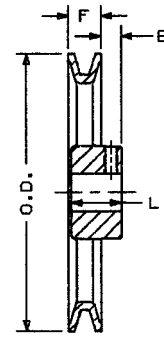
# SINGLE GROOVE (FHP) BORED-TO-SIZE SHEAVES



Type 1



Type 2



Type 3

## DIMENSIONS (in inches)

Product No.	Datum Dia.		O.D. ◆	Stock Bores	Max. Bore	Type	No. of Arms	Dimensions				Wt. Lbs.
	4L(A)	5L(B)						"E" Dim.	"F" Dim.	"L" Dim.	Hub Dia.	
BK19	...	1.70	2.05	5/8 - 3/4	7/8	1	N/A	7/16	13/16	1-3/32	1.56	0.6
BK20	...	1.80	2.15	1/2 - 5/8 - 3/4	1"	1	N/A	7/16	13/16	1-3/32	1.69	0.7
BK22	...	2.00	2.35	1/2 - 5/8 - 3/4 - 7/8 - 1	1"	1	N/A	7/16	13/16	1-3/32	1.69	0.8
BK23	...	2.10	2.45	1/2 - 5/8 - 3/4 - 7/8 - 1	1"	1	N/A	7/16	13/16	1-3/32	1.69	0.8
BK24	1.80	2.20	2.55	1/2 - 5/8 - 3/4 - 7/8 - 1	1"	1	N/A	7/16	13/16	1-3/32	1.69	0.9
BK25	1.90	2.30	2.65	1/2 - 5/8 - 3/4 - 7/8	1"	1	N/A	7/16	13/16	1-3/32	1.69	0.9
BK26	2.00	2.40	2.75	1/2 - 5/8 - 3/4 - 7/8	1"	1	N/A	7/16	13/16	1-3/32	1.69	1
BK27	2.10	2.50	2.85	1/2 - 5/8 - 3/4 - 7/8 - 1-1/8	1-1/8	2	N/A	7/16	13/16	1-3/32	1.81	1.1
BK28	2.20	2.60	2.95	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	2	N/A	7/16	13/16	1-3/32	1.81	1.1
BK30	2.40	2.80	3.15	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	2	N/A	7/16	13/16	1-3/32	1.81	1.3
BK31	2.50	2.90	3.25	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	2	N/A	7/16	13/16	1-3/32	1.81	1.3
BK32	2.60	3.00	3.35	1/2 - 5/8 - 3/4 - 7/8 - 1	1-1/8	2	N/A	7/16	13/16	1-3/32	1.81	1.3
BK34	2.80	3.20	3.55	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	2	N/A	7/16	7/8	1-3/16	1.81	1.6
BK36	3.00	3.40	3.75	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	2	N/A	7/16	7/8	1-3/16	1.81	1.7
BK40	3.20	3.60	3.95	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	2	N/A	7/16	7/8	1-3/16	1.81	1.8
BK45	3.50	3.90	4.25	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	2	N/A	7/16	7/8	1-3/16	1.81	2.1
BK46	3.60	4.00	4.35	7/8	1-1/8	1	N/A	7/16	7/8	1-3/16	1.81	2.1
BK47	3.70	4.10	4.45	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-5/16	2	N/A	7/16	7/8	1-3/16	2.06	2.4
BK48	3.80	4.20	4.55	5/8 - 3/4 - 7/8 - 1-1/8	1-5/16	1	N/A	7/16	7/8	1-3/16	2.06	2.4
BK50	4.00	4.40	4.75	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8	1-1/8	3	3	7/16	7/8	1-3/16	1.81	2.0
BK52	4.20	4.60	4.95	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	3	3	7/16	7/8	1-3/16	1.81	2.2
BK55	4.50	4.90	5.25	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8 - 1-3/16	1-5/16	3	3	7/16	7/8	1-3/16	2.06	2.5
BK57	4.70	5.10	5.45	5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8	1-5/16	3	3	7/16	7/8	1-3/16	2.06	2.6
BK60	5.00	5.40	5.75	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8 - 1-3/16	1-3/8	3	3	7/16	7/8	1-3/16	2.13	2.7
BK62	5.20	5.60	5.95	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8 - 1-3/16	1-9/16	3	3	7/16	7/8	1-3/16	2.38	3.2
BK65	5.50	5.90	6.25	5/8 - 3/4 - 1 - 1-1/8	1-9/16	3	3	7/16	7/8	1-3/16	2.38	3.3
BK67	5.70	6.10	6.45	5/8 - 3/4 - 1 - 1-1/8	1-9/16	3	3	7/16	7/8	1-3/16	2.38	3.6
BK70	6.00	6.40	6.75	5/8 - 3/4 - 15/16 - 1 - 1-1/8 - 1-3/16 - 1-7/16	1-11/16	3	3	21/32	7/8	1-15/32	2.50	4
BK72	6.20	6.60	6.95	3/4 - 1 - 1-1/8 - 1-3/8 - 1-7/16	1-11/16	3	3	21/32	7/8	1-15/32	2.50	4.1
BK75	6.50	6.90	7.25	3/4 - 1 - 1-1/8 - 1-7/16	1-11/16	3	3	21/32	7/8	1-15/32	2.50	4.5
BK77	6.70	7.10	7.45	3/4 - 1 - 1-1/8 - 1-3/8 - 1-7/16	1-11/16	3	3	21/32	7/8	1-15/32	2.50	4.5
BK80	7.00	7.40	7.75	5/8 - 3/4 - 7/8 - 1 - 1-1/8 - 1-3/16 - 1-1/4 - 1-3/8 - 1-7/16	1-11/16	3	6	21/32	7/8	1-15/32	2.50	4.8
BK85	7.50	7.90	8.25	3/4 - 1 - 1-1/8 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3	6	21/32	7/8	1-15/32	2.50	5.1
BK90	8.00	8.40	8.75	5/8 - 3/4 - 7/8 - 15/16 - 1 - 1-1/8 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3	6	21/32	7/8	1-15/32	2.50	5.4
BK95	8.50	8.90	9.25	3/4 - 1 - 1-1/8 - 1-3/8 - 1-7/16	1-11/16	3	6	21/32	7/8	1-15/32	2.50	5.6
BK100	9.00	9.40	9.75	3/4 - 7/8 - 15/16 - 1 - 1-1/8 - 1-3/16 - 1-1/4 - 1-3/8 - 1-7/16	1-11/16	3	6	21/32	7/8	1-15/32	2.50	6.2
BK105	9.50	9.90	10.25	1 - 1-3/8 - 1-7/16	1-11/16	3	6	21/32	7/8	1-15/32	2.50	6.3
BK110	10.00	10.40	10.75	3/4 - 1 - 1-1/8 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3	6	21/32	7/8	1-15/32	2.50	6.6
BK115	10.50	10.90	11.25	1 - 1-3/8 - 1-7/16	1-11/16	3	6	21/32	7/8	1-15/32	2.50	7.2
BK120	11.00	11.40	11.75	3/4 - 1 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3	6	21/32	7/8	1-15/32	2.50	7.5
BK130	12.00	12.40	12.75	3/4 - 1 - 1-1/8 - 1-3/16 - 1-1/4 - 1-7/16	1-11/16	3	6	21/32	7/8	1-15/32	2.50	8.5
BK140	13.00	13.40	13.75	3/4 - 1 - 1-1/8 - 1-3/16 - 1-7/16	1-11/16	3	6	21/32	7/8	1-15/32	2.50	9.8
BK160	15.00	15.40	15.75	1 - 1-1/8 - 1-3/16 - 1-1/4 - 1-7/16	1-11/16	3	6	21/32	7/8	1-15/32	2.50	11.2
BK190	18.00	18.40	18.75	1 - 1-3/16 - 1-1/4 - 1-7/16	1-11/16	3	6	21/32	7/8	1-15/32	2.50	13.4

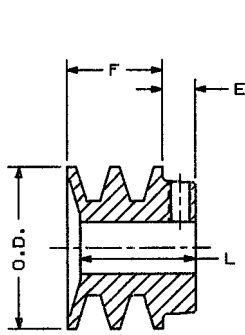
◆ P.D. for A belts = Datum Dia. + .38  
P.D. for B belts = Datum Dia. + .413

### Standard Keyseat Dimensions

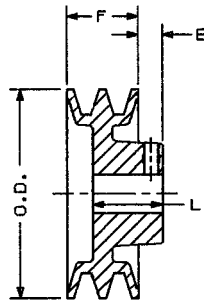
Shaft Dia.	Width	Depth
1/2	No Keyseat	
5/8 - 7/8	3/16	3/32
15/16 - 1-1/4	1/4	1/8
1-5/16 - 1-3/8	5/16	5/32
1-7/16 - 1-3/4	3/8	3/16

Product Number Example: **BK701516** BORE SIZE

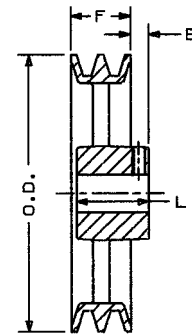
# TWO GROOVE (FHP) BORED-TO-SIZE SHEAVES



Type 1A



Type 2A



Type 3A

## BTS SHEAVES FOR "B" BELTS

Product No.	Datum Dia.		O.D. ◆	Stock Bores	Max. Bore	Type	No. of Arms	Dimensions			Wt. Lbs.	
	4L(A)	5L(B)						"E" Dim.	"F" Dim.	"L" Dim.		Hub Dia.
2BK23	1.70	2.10	2.45	5/8 - 7/8	1-1/8	1A	N/A	15/32	1-3/4	2-1/32	1.88	1.7
2BK25	1.90	2.30	2.65	1/2 - 5/8 - 3/4 - 7/8 - 1	1-1/8	1A	N/A	15/32	1-3/4	1-31/32	1.88	1.8
2BK26	2.00	2.40	2.75	5/8 - 7/8 - 1-1/8	1-1/8	1A	N/A	15/32	1-3/4	1-31/32	1.88	2.0
2BK27	2.10	2.50	2.85	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	1A	N/A	15/32	1-3/4	1-31/32	1.88	2.1
2BK28	2.20	2.60	2.95	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	1A	N/A	15/32	1-3/4	1-31/32	1.88	2.2
2BK30	2.40	2.80	3.15	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	1A	N/A	15/32	1-3/4	1-31/32	1.88	2.6
2BK32	2.60	3.00	3.35	5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	1A	N/A	15/32	1-3/4	1-31/32	1.88	2.9
2BK34	2.80	3.20	3.55	5/8 - 3/4 - 7/8 - 1 - 1-1/8	1-1/8	1A	N/A	15/32	1-3/4	1-31/32	1.88	3.3
2BK36	3.00	3.40	3.75	5/8 - 3/4 - 7/8 - 1 - 1-1/8 - 1-3/8	1-3/8	1A	N/A	15/32	1-3/4	1-31/32	2.13	3.7
2BK40	3.20	3.60	3.95	5/8 - 3/4 - 7/8 - 1 - 1-1/8 - 1-3/8	1-3/8	2A	N/A	15/32	1-3/4	1-15/32	2.13	3.3
2BK45	3.50	3.90	4.25	1 - 1-1/8 - 1-3/8	1-3/8	2A	N/A	15/32	1-3/4	1-15/32	2.13	3.9
2BK47	3.70	4.10	4.45	7/8 - 1 - 1-1/8	1-3/8	2A	N/A	15/32	1-3/4	1-15/32	2.13	4.2
2BK50	4.00	4.40	4.75	3/4 - 1 - 1-1/8 - 1-3/8	1-3/8	2A	N/A	15/32	1-3/4	1-15/32	2.13	4.7
2BK52	4.20	4.60	4.95	7/8 - 1 - 1-1/8 - 1-3/8	1-3/8	2A	N/A	15/32	1-3/4	1-15/32	2.13	5.0
2BK55	4.50	4.90	5.25	1-1/8 - 1-3/8	1-7/16	2A	N/A	15/32	1-3/4	1-15/32	2.25	5.1
2BK57	4.70	5.10	5.45	1 - 1-1/8 - 1-3/8	1-7/16	2A	N/A	15/32	1-3/4	1-15/32	2.25	4.8
2BK60	5.00	5.40	5.75	3/4 - 7/8 - 1 - 1-1/8 - 1-3/8	1-7/16	2A	N/A	15/32	1-3/4	1-15/32	2.25	5.3
2BK62	5.20	5.60	5.95	1 - 1-1/8 - 1-3/8	1-7/16	2A	N/A	15/32	1-3/4	1-15/32	2.25	5.7
2BK65	5.50	5.90	6.25	1 - 1-1/8 - 1-3/8	1-7/16	3A	3	15/32	1-3/4	1-15/32	2.25	5.5
2BK67	5.70	6.10	6.45	1 - 1-1/8 - 1-3/8	1-7/16	3A	3	15/32	1-3/4	1-15/32	2.25	5.7
2BK70	6.00	6.40	6.75	3/4 - 1 - 1-1/8 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3A	3	11/32	1-3/4	1-19/32	2.50	6.5
2BK80	7.00	7.40	7.75	3/4 - 1 - 1-1/8 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3A	6	11/32	1-3/4	1-19/32	2.50	7.9
2BK90	8.00	8.40	8.75	3/4 - 1 - 1-1/8 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3A	6	11/32	1-3/4	1-19/32	2.50	8.9
2BK100	9.00	9.40	9.75	3/4 - 1 - 1-3/16 - 1-3/8 - 1-7/16	1-11/16	3A	6	11/32	1-3/4	1-19/32	2.50	10.1
2BK110	10.00	10.40	10.75	1 - 1-3/16 - 1-7/16	1-11/16	3A	6	11/32	1-3/4	1-19/32	2.50	11.1
2BK120	11.00	11.40	11.75	1 - 1-3/16 - 1-7/16	1-11/16	3A	6	11/32	1-3/4	1-19/32	2.50	12.2
2BK130	12.00	12.40	12.75	1 - 1-3/16 - 1-7/16	1-15/16	3A	6	11/32	1-3/4	1-19/32	2.88	14.0
2BK140	13.00	13.40	13.75	1 - 1-3/16 - 1-7/16	1-15/16	3A	6	11/32	1-3/4	1-19/32	2.88	15.1
2BK160	15.00	15.40	15.75	1 - 1-3/16 - 1-7/16	1-15/16	3A	6	11/32	1-3/4	1-19/32	2.88	17.9
2BK190	18.00	18.40	18.75	1-3/16 - 1-7/16	1-15/16	3A	6	11/32	1-3/4	1-19/32	2.88	22.0

◆ P.D. for A belts = Datum Dia. + .38  
P.D. for B belts = Datum Dia. + .413

### Standard Keyseat Dimensions

Shaft Dia.	Width	Depth
1/2	No Keyseat	
5/8 - 7/8	3/16	3/32
15/16 - 1-1/4	1/4	1/8
1-5/16 - 1-3/8	5/16	5/32
1-7/16 - 1-3/4	3/8	3/16

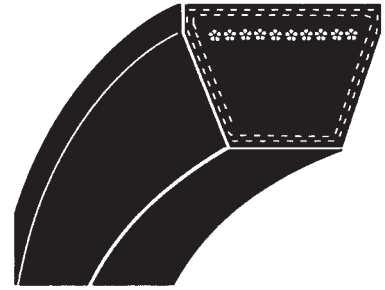
Product Number Example: **2BK30118**  
└───┬─── BORE SIZE



# LIGHT-DUTY (FHP) V-BELTS

Most belt manufacturers have adopted the Rubber Manufacturers Association (RMA) identification system, which consists of using identical, self-descriptive numbers for interchangeable belts. Every identifying number contains three units grouped together as shown by the following example:

3  
Top width in  
1/8ths of inches
L  
Duty
350  
Outside circumference  
in 1/10ths of inches: 35"



## 2L Belts

Product No.	Outside Length	Wt. (Lbs.)
2L110	11.0	.03
2L140	14.0	.03
2L150	15.0	.03
2L160	16.0	.03
2L200	20.0	.04
2L230	23.0	.04
2L250	25.0	.05
2L360	36.0	.09

## 3L Belts

Product No.	Outside Length	Wt. (Lbs.)
3L190	19.0	.05
3L200	20.0	.06
3L210	21.0	.06
3L220	22.0	.06
3L230	23.0	.07
3L240	24.0	.07
3L250	25.0	.07
3L260	26.0	.08
3L270	27.0	.08
3L280	28.0	.08
3L290	29.0	.09
3L300	30.0	.09
3L310	31.0	.09
3L320	32.0	.10
3L330	33.0	.10
3L340	34.0	.10
3L350	35.0	.10
3L360	36.0	.11
3L370	37.0	.11
3L380	38.0	.11
3L390	39.0	.12
3L400	40.0	.12
3L410	41.0	.12
3L420	42.0	.13
3L430	43.0	.13
3L440	44.0	.13
3L450	45.0	.14
3L460	46.0	.14
3L470	47.0	.14

## 3L Belts, cont.

Product No.	Outside Length	Wt. (Lbs.)
3L480	48.0	.14
3L490	49.0	.15
3L500	50.0	.15
3L510	51.0	.15
3L520	52.0	.16
3L530	53.0	.16
3L540	54.0	.16
3L550	55.0	.17
3L560	56.0	.19
3L570	57.0	.19
3L580	58.0	.19
3L590	59.0	.20
3L600	60.0	.20
3L610	61.0	.20
3L620	62.0	.20
3L630	63.0	.20
3L690	69.0	.22
3L710	71.0	.22
3L740	74.0	.24
3L750	75.0	.26

## 4L Belts

Product No.	Outside Length	Wt. (Lbs.)
4L190	19.0	.10
4L200	20.0	.10
4L210	21.0	.11
4L220	22.0	.11
4L230	23.0	.12
4L240	24.0	.12
4L250	25.0	.13
4L260	26.0	.13
4L270	27.0	.14
4L280	28.0	.14
4L290	29.0	.15
4L300	30.0	.15
4L305	30.5	.15
4L310	31.0	.16
4L315	31.5	.16
4L320	32.0	.16
4L330	33.0	.17
4L340	34.0	.17
4L350	35.0	.18
4L360	36.0	.18
4L370	37.0	.19
4L380	38.0	.20
4L390	39.0	.20

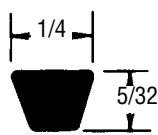
## 4L Belts, cont.

Product No.	Outside Length	Wt. (Lbs.)
4L400	40.0	.21
4L410	41.0	.21
4L420	42.0	.22
4L430	43.0	.22
4L440	44.0	.23
4L450	45.0	.23
4L460	46.0	.24
4L470	47.0	.24
4L480	48.0	.25
4L490	49.0	.25
4L500	50.0	.26
4L510	51.0	.26
4L515	51.5	.26
4L520	52.0	.27
4L530	53.0	.27
4L540	54.0	.28
4L550	55.0	.28
4L560	56.0	.29
4L570	57.0	.29
4L580	58.0	.30
4L590	59.0	.31
4L600	60.0	.31
4L610	61.0	.32
4L620	62.0	.32
4L630	63.0	.33
4L640	64.0	.33
4L650	65.0	.34
4L660	66.0	.34
4L670	67.0	.35
4L680	68.0	.35
4L690	69.0	.36
4L700	70.0	.36
4L710	71.0	.37
4L720	72.0	.37
4L730	73.0	.38
4L740	74.0	.38
4L750	75.0	.39
4L760	76.0	.39
4L770	77.0	.40
4L780	78.0	.41
4L790	79.0	.41
4L800	80.0	.42
4L810	81.0	.42
4L820	82.0	.43
4L830	83.0	.43
4L840	84.0	.44
4L850	85.0	.44

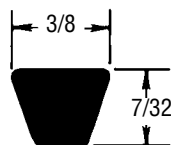
## 5L Belts

Product No.	Outside Length	Wt. (Lbs.)
5L230	23.0	.18
5L240	24.0	.19
5L250	25.0	.20
5L260	26.0	.20
5L270	27.0	.21
5L280	28.0	.22
5L290	29.0	.23
5L300	30.0	.23
5L310	31.0	.24
5L320	32.0	.25
5L330	33.0	.26
5L340	34.0	.27
5L350	35.0	.27
5L360	36.0	.28
5L370	37.0	.29
5L380	38.0	.30
5L390	39.0	.31
5L400	40.0	.31
5L410	41.0	.32
5L420	42.0	.33
5L430	43.0	.34
5L440	44.0	.35
5L450	45.0	.35
5L460	46.0	.36
5L470	47.0	.37
5L480	48.0	.38
5L490	49.0	.39
5L500	50.0	.39
5L510	51.0	.40
5L520	52.0	.41
5L530	53.0	.42
5L540	54.0	.43
5L550	55.0	.43
5L560	56.0	.44
5L570	57.0	.45

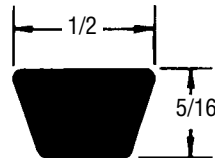
Product No.	Outside Length	Wt. (Lbs.)
5L580	58.0	.46
5L590	59.0	.47
5L600	60.0	.47
5L610	61.0	.48
5L620	62.0	.49
5L630	63.0	.50
5L640	64.0	.51
5L650	65.0	.51
5L660	66.0	.52
5L670	67.0	.53
5L680	68.0	.54
5L690	69.0	.55
5L700	70.0	.55
5L710	71.0	.56
5L720	72.0	.57
5L730	73.0	.58
5L740	74.0	.59
5L750	75.0	.59
5L760	76.0	.60
5L770	77.0	.61
5L780	78.0	.62
5L790	79.0	.63
5L800	80.0	.63
5L810	81.0	.64
5L820	82.0	.65
5L830	83.0	.66
5L840	84.0	.67
5L850	85.0	.67



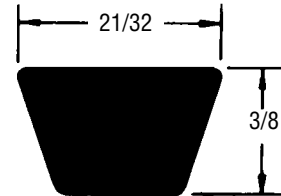
**2L**



**3L**



**4L**



**5L**





# DRIVE RATIOS USING 3L BELTS IN AK SHEAVES

Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN
1.00	AK20	AK20	1.18	AK44	AK51	1.44	AK46	AK64	1.74	AK34	AK59	2.07	AK30	AK61
1.00	AK21	AK21	1.18	AK30	AK35	1.44	AK28	AK41	1.75	AK35	AK61	2.09	AK25	AK51
1.00	AK22	AK22	1.19	AK24	AK28	1.44	AK39	AK54	1.76	AK32	AK56	2.09	AK24	AK49
1.00	AK23	AK23	1.19	AK46	AK54	1.44	AK30	AK44	1.76	AK28	AK49	2.09	AK46	AK91
1.00	AK24	AK24	1.20	AK23	AK27	1.45	AK23	AK32	1.77	AK44	AK74	2.10	AK32	AK66
1.00	AK25	AK25	1.21	AK39	AK46	1.45	AK25	AK35	1.77	AK25	AK44	2.11	AK41	AK81
1.00	AK26	AK26	1.21	AK27	AK32	1.47	AK20	AK28	1.77	AK21	AK35	2.11	AK20	AK41
1.00	AK27	AK27	1.21	AK22	AK26	1.47	AK24	AK34	1.78	AK41	AK69	2.12	AK27	AK56
1.00	AK28	AK28	1.22	AK35	AK44	1.48	AK26	AK39	1.78	AK26	AK46	2.13	AK34	AK71
1.00	AK30	AK30	1.22	AK21	AK25	1.48	AK34	AK51	1.79	AK22	AK39	2.13	AK26	AK54
1.00	AK32	AK32	1.22	AK41	AK49	1.49	AK46	AK66	1.79	AK39	AK66	2.15	AK44	AK89
1.00	AK34	AK34	1.23	AK25	AK30	1.50	AK21	AK30	1.80	AK23	AK41	2.15	AK22	AK46
1.00	AK35	AK35	1.23	AK20	AK24	1.50	AK27	AK41	1.80	AK46	AK79	2.15	AK35	AK74
1.00	AK39	AK39	1.24	AK28	AK34	1.50	AK39	AK56	1.80	AK34	AK61	2.16	AK28	AK59
1.00	AK41	AK41	1.24	AK32	AK41	1.50	AK41	AK59	1.81	AK30	AK54	2.16	AK21	AK44
1.00	AK44	AK44	1.24	AK46	AK56	1.51	AK44	AK64	1.82	AK20	AK34	2.17	AK46	AK94
1.00	AK46	AK46	1.25	AK23	AK28	1.52	AK32	AK49	1.83	AK27	AK49	2.17	AK39	AK79
1.03	AK34	AK35	1.26	AK44	AK54	1.52	AK30	AK46	1.83	AK41	AK71	2.18	AK30	AK64
1.04	AK27	AK28	1.26	AK34	AK44	1.52	AK24	AK35	1.84	AK28	AK51	2.18	AK24	AK51
1.04	AK26	AK27	1.26	AK30	AK39	1.52	AK22	AK32	1.84	AK35	AK64	2.19	AK41	AK84
1.05	AK25	AK26	1.26	AK26	AK32	1.53	AK35	AK54	1.85	AK46	AK81	2.19	AK23	AK49
1.05	AK24	AK25	1.26	AK22	AK27	1.54	AK25	AK39	1.85	AK24	AK44	2.20	AK44	AK91
1.05	AK23	AK24	1.28	AK21	AK26	1.55	AK23	AK34	1.86	AK32	AK59	2.20	AK32	AK69
1.05	AK44	AK46	1.28	AK41	AK51	1.55	AK41	AK61	1.86	AK25	AK46	2.21	AK26	AK56
1.05	AK22	AK23	1.28	AK28	AK35	1.56	AK28	AK44	1.88	AK20	AK35	2.22	AK25	AK54
1.06	AK21	AK22	1.28	AK35	AK46	1.56	AK46	AK69	1.88	AK39	AK69	2.22	AK34	AK74
1.06	AK20	AK21	1.28	AK24	AK30	1.56	AK44	AK66	1.88	AK21	AK39	2.23	AK39	AK81
1.06	AK39	AK41	1.29	AK27	AK34	1.56	AK26	AK41	1.89	AK30	AK56	2.24	AK28	AK61
1.06	AK35	AK39	1.29	AK20	AK25	1.58	AK34	AK54	1.89	AK22	AK41	2.24	AK27	AK59
1.07	AK32	AK34	1.29	AK39	AK49	1.58	AK32	AK51	1.90	AK44	AK79	2.25	AK30	AK66
1.07	AK46	AK49	1.31	AK44	AK56	1.58	AK20	AK30	1.90	AK34	AK64	2.27	AK21	AK46
1.07	AK30	AK32	1.31	AK22	AK28	1.59	AK39	AK59	1.90	AK35	AK66	2.27	AK32	AK71
1.08	AK28	AK30	1.32	AK46	AK59	1.59	AK35	AK56	1.91	AK26	AK49	2.28	AK44	AK94
1.08	AK41	AK44	1.32	AK25	AK32	1.60	AK23	AK35	1.91	AK27	AK51	2.29	AK20	AK44
1.09	AK26	AK28	1.32	AK34	AK46	1.61	AK21	AK32	1.91	AK41	AK74	2.29	AK46	AK99
1.09	AK25	AK27	1.33	AK21	AK27	1.61	AK46	AK71	1.92	AK46	AK84	2.29	AK23	AK51
1.09	AK24	AK26	1.33	AK27	AK35	1.62	AK24	AK39	1.93	AK32	AK61	2.31	AK35	AK79
1.10	AK34	AK39	1.33	AK30	AK41	1.62	AK27	AK44	1.94	AK39	AK71	2.31	AK22	AK49
1.10	AK23	AK25	1.34	AK32	AK44	1.63	AK30	AK49	1.95	AK23	AK44	2.31	AK25	AK56
1.10	AK32	AK35	1.35	AK26	AK34	1.63	AK22	AK34	1.95	AK44	AK81	2.32	AK39	AK84
1.10	AK22	AK24	1.35	AK23	AK30	1.63	AK25	AK41	1.95	AK24	AK46	2.33	AK24	AK54
1.11	AK21	AK23	1.35	AK20	AK26	1.64	AK41	AK64	1.96	AK28	AK54	2.33	AK27	AK61
1.12	AK20	AK22	1.35	AK39	AK51	1.64	AK28	AK46	1.96	AK34	AK66	2.33	AK41	AK89
1.12	AK46	AK51	1.36	AK28	AK39	1.64	AK44	AK69	1.99	AK20	AK39	2.34	AK26	AK59
1.12	AK27	AK30	1.36	AK41	AK54	1.64	AK34	AK56	1.99	AK21	AK41	2.35	AK28	AK64
1.12	AK35	AK41	1.36	AK46	AK61	1.65	AK39	AK61	2.00	AK25	AK49	2.37	AK30	AK69
1.13	AK44	AK49	1.37	AK35	AK49	1.68	AK22	AK35	2.00	AK26	AK51	2.37	AK35	AK81
1.14	AK25	AK28	1.38	AK24	AK32	1.68	AK46	AK74	2.00	AK30	AK59	2.37	AK32	AK74
1.14	AK41	AK46	1.38	AK44	AK59	1.69	AK35	AK59	2.00	AK35	AK69	2.38	AK34	AK79
1.14	AK24	AK27	1.39	AK21	AK28	1.69	AK32	AK54	2.02	AK44	AK84	2.39	AK41	AK91
1.15	AK39	AK44	1.39	AK26	AK35	1.69	AK44	AK71	2.03	AK39	AK74	2.40	AK20	AK46
1.15	AK30	AK34	1.41	AK25	AK34	1.69	AK41	AK66	2.03	AK32	AK64	2.41	AK44	AK99
1.15	AK23	AK26	1.41	AK20	AK27	1.69	AK26	AK44	2.04	AK28	AK56	2.41	AK46	AK104
1.16	AK22	AK25	1.41	AK32	AK46	1.70	AK23	AK39	2.04	AK27	AK54	2.41	AK22	AK51
1.16	AK28	AK32	1.41	AK27	AK39	1.70	AK30	AK51	2.04	AK23	AK46	2.42	AK24	AK56
1.16	AK34	AK41	1.42	AK41	AK56	1.70	AK20	AK32	2.05	AK46	AK89	2.43	AK26	AK61
1.17	AK21	AK24	1.42	AK34	AK49	1.71	AK27	AK46	2.05	AK22	AK44	2.43	AK28	AK66
1.17	AK32	AK39	1.42	AK22	AK30	1.71	AK24	AK41	2.05	AK41	AK79	2.44	AK21	AK49
1.17	AK26	AK30	1.43	AK44	AK61	1.72	AK21	AK34	2.06	AK35	AK71	2.44	AK30	AK71
1.18	AK20	AK23	1.44	AK35	AK51	1.73	AK39	AK64	2.06	AK34	AK69	2.44	AK23	AK54

# DRIVE RATIOS USING 3L BELTS IN AK SHEAVES



Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN
2.45	AK34	AK81	2.89	AK32	AK89	3.42	AK26	AK84	4.11	AK27	AK104	5.20	AK21	AK99
2.45	AK25	AK59	2.90	AK24	AK66	3.43	AK28	AK91	4.13	AK41	AK154	5.21	AK20	AK94
2.45	AK27	AK64	2.90	AK46	AK124	3.44	AK23	AK74	4.14	AK22	AK84	5.25	AK39	AK184
2.46	AK35	AK84	2.90	AK25	AK69	3.44	AK25	AK81	4.15	AK28	AK109	5.36	AK27	AK134
2.47	AK39	AK89	2.91	AK39	AK104	3.46	AK20	AK64	4.15	AK34	AK134	5.39	AK25	AK124
2.47	AK41	AK94	2.92	AK30	AK84	3.46	AK22	AK71	4.18	AK23	AK89	5.43	AK23	AK114
2.52	AK39	AK91	2.93	AK35	AK99	3.47	AK30	AK99	4.20	AK21	AK81	5.45	AK22	AK109
2.53	AK46	AK109	2.94	AK22	AK61	3.49	AK27	AK89	4.22	AK24	AK94	5.48	AK21	AK104
2.53	AK44	AK104	2.94	AK23	AK64	3.49	AK39	AK124	4.26	AK25	AK99	5.50	AK30	AK154
2.54	AK27	AK66	2.95	AK28	AK79	3.51	AK34	AK114	4.28	AK23	AK91	5.50	AK20	AK99
2.54	AK25	AK61	2.96	AK32	AK91	3.51	AK24	AK79	4.29	AK26	AK104	5.54	AK28	AK144
2.54	AK23	AK56	2.99	AK20	AK56	3.54	AK21	AK69	4.32	AK27	AK109	5.58	AK35	AK184
2.54	AK34	AK84	2.99	AK21	AK59	3.55	AK28	AK94	4.33	AK20	AK79	5.59	AK26	AK134
2.55	AK32	AK79	2.99	AK25	AK71	3.56	AK44	AK144	4.33	AK35	AK144	5.64	AK24	AK124
2.55	AK21	AK51	2.99	AK26	AK74	3.57	AK27	AK91	4.35	AK28	AK114	5.71	AK22	AK114
2.55	AK30	AK74	3.02	AK41	AK114	3.57	AK20	AK66	4.36	AK46	AK184	5.75	AK21	AK109
2.55	AK28	AK69	3.03	AK34	AK99	3.58	AK41	AK134	4.37	AK21	AK84	5.76	AK34	AK184
2.56	AK26	AK64	3.03	AK28	AK81	3.58	AK32	AK109	4.37	AK39	AK154	5.77	AK27	AK144
2.56	AK24	AK59	3.04	AK24	AK69	3.58	AK25	AK84	4.39	AK30	AK124	5.80	AK20	AK104
2.57	AK22	AK54	3.04	AK23	AK66	3.61	AK24	AK81	4.40	AK22	AK89	5.84	AK25	AK134
2.58	AK20	AK49	3.05	AK44	AK124	3.62	AK22	AK74	4.43	AK23	AK94	5.93	AK23	AK124
2.61	AK41	AK99	3.05	AK39	AK109	3.63	AK46	AK154	4.44	AK32	AK134	5.94	AK28	AK154
2.61	AK39	AK94	3.06	AK32	AK94	3.64	AK26	AK89	4.45	AK20	AK81	6.02	AK26	AK144
2.62	AK32	AK81	3.07	AK27	AK79	3.65	AK21	AK71	4.46	AK24	AK99	6.03	AK21	AK114
2.62	AK35	AK89	3.09	AK35	AK104	3.66	AK30	AK104	4.47	AK34	AK144	6.09	AK20	AK109
2.63	AK28	AK71	3.09	AK22	AK64	3.69	AK23	AK79	4.48	AK25	AK104	6.12	AK24	AK134
2.65	AK26	AK66	3.10	AK21	AK61	3.70	AK27	AK94	4.51	AK26	AK109	6.15	AK32	AK184
2.65	AK46	AK114	3.10	AK30	AK89	3.71	AK35	AK124	4.51	AK22	AK91	6.19	AK27	AK154
2.66	AK24	AK61	3.13	AK25	AK74	3.73	AK26	AK91	4.53	AK27	AK114	6.24	AK22	AK124
2.66	AK27	AK69	3.13	AK24	AK71	3.75	AK20	AK69	4.58	AK44	AK184	6.29	AK25	AK144
2.66	AK44	AK109	3.14	AK46	AK134	3.75	AK24	AK84	4.63	AK20	AK84	6.38	AK20	AK114
2.67	AK25	AK64	3.15	AK28	AK84	3.75	AK28	AK99	4.64	AK35	AK154	6.42	AK23	AK134
2.68	AK22	AK56	3.16	AK27	AK81	3.75	AK32	AK114	4.65	AK21	AK89	6.45	AK26	AK154
2.68	AK35	AK91	3.16	AK20	AK59	3.79	AK39	AK134	4.66	AK22	AK94	6.58	AK21	AK124
2.69	AK23	AK59	3.18	AK30	AK91	3.79	AK23	AK81	4.68	AK23	AK99	6.59	AK24	AK144
2.70	AK20	AK51	3.19	AK34	AK104	3.81	AK25	AK89	4.70	AK24	AK104	6.61	AK30	AK184
2.70	AK34	AK89	3.19	AK23	AK69	3.81	AK44	AK154	4.71	AK25	AK109	6.75	AK25	AK154
2.71	AK21	AK54	3.20	AK22	AK66	3.82	AK21	AK74	4.72	AK26	AK114	6.76	AK22	AK134
2.72	AK32	AK84	3.20	AK39	AK114	3.83	AK34	AK124	4.75	AK28	AK124	6.92	AK23	AK144
2.73	AK30	AK79	3.21	AK26	AK79	3.84	AK30	AK109	4.76	AK21	AK91	6.96	AK20	AK124
2.74	AK27	AK71	3.23	AK32	AK99	3.85	AK41	AK144	4.76	AK30	AK134	7.07	AK24	AK154
2.75	AK41	AK104	3.24	AK35	AK109	3.86	AK26	AK94	4.78	AK32	AK144	7.13	AK21	AK134
2.75	AK28	AK74	3.27	AK21	AK64	3.87	AK20	AK71	4.79	AK34	AK154	7.14	AK28	AK184
2.76	AK39	AK99	3.27	AK24	AK74	3.88	AK22	AK79	4.92	AK20	AK89	7.28	AK22	AK144
2.76	AK25	AK66	3.28	AK20	AK61	3.90	AK25	AK91	4.92	AK21	AK94	7.42	AK23	AK154
2.77	AK34	AK91	3.28	AK27	AK84	3.90	AK27	AK99	4.93	AK22	AK99	7.43	AK27	AK184
2.77	AK26	AK69	3.29	AK30	AK94	3.94	AK23	AK84	4.93	AK23	AK104	7.55	AK20	AK134
2.78	AK35	AK94	3.29	AK23	AK71	3.95	AK28	AK104	4.93	AK24	AK109	7.69	AK21	AK144
2.79	AK44	AK114	3.29	AK26	AK81	3.98	AK22	AK81	4.94	AK25	AK114	7.75	AK26	AK184
2.79	AK23	AK61	3.30	AK41	AK124	3.99	AK24	AK89	4.94	AK27	AK124	7.81	AK22	AK154
2.80	AK24	AK64	3.30	AK44	AK134	4.02	AK35	AK134	4.96	AK41	AK184	8.10	AK25	AK184
2.81	AK30	AK81	3.35	AK34	AK109	4.03	AK30	AK114	5.04	AK20	AK91	8.13	AK20	AK144
2.82	AK21	AK56	3.35	AK28	AK89	4.03	AK25	AK94	5.12	AK32	AK154	8.24	AK21	AK154
2.83	AK22	AK59	3.35	AK25	AK79	4.04	AK20	AK74	5.13	AK30	AK144	8.49	AK24	AK184
2.86	AK26	AK71	3.36	AK22	AK69	4.07	AK26	AK99	5.14	AK28	AK134	8.72	AK20	AK154
2.86	AK34	AK94	3.38	AK21	AK66	4.08	AK39	AK144	5.16	AK26	AK124	8.91	AK23	AK184
2.87	AK27	AK74	3.38	AK46	AK144	4.08	AK24	AK91	5.17	AK24	AK114	9.38	AK22	AK184
2.87	AK20	AK54	3.40	AK35	AK114	4.09	AK32	AK124	5.18	AK23	AK109	9.90	AK21	AK184
2.88	AK41	AK109	3.41	AK32	AK104	4.09	AK21	AK79	5.19	AK22	AK104	10.47	AK20	AK184



# DRIVE RATIOS USING 4L, AP & AX BELTS IN AK SHEAVES

Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN
1.00	AK15	AK15	1.05	AK61	AK64	1.13	AK41	AK46	1.21	AK49	AK59	1.30	AK26	AK34
1.00	AK16	AK16	1.05	AK19	AK20	1.13	AK23	AK26	1.21	AK23	AK28	1.30	AK61	AK79
1.00	AK17	AK17	1.05	AK39	AK41	1.13	AK15	AK17	1.22	AK32	AK41	1.30	AK84	AK109
1.00	AK18	AK18	1.05	AK18	AK19	1.13	AK79	AK89	1.22	AK18	AK22	1.30	AK16	AK21
1.00	AK19	AK19	1.05	AK94	AK99	1.13	AK30	AK34	1.22	AK94	AK114	1.30	AK51	AK66
1.00	AK20	AK20	1.06	AK56	AK59	1.13	AK22	AK25	1.22	AK61	AK74	1.31	AK19	AK25
1.00	AK21	AK21	1.06	AK35	AK39	1.13	AK39	AK44	1.22	AK22	AK27	1.31	AK32	AK44
1.00	AK22	AK22	1.06	AK17	AK18	1.13	AK54	AK61	1.22	AK69	AK84	1.32	AK28	AK39
1.00	AK23	AK23	1.06	AK89	AK94	1.13	AK61	AK69	1.22	AK46	AK56	1.32	AK49	AK64
1.00	AK24	AK24	1.06	AK84	AK89	1.14	AK74	AK84	1.23	AK26	AK32	1.32	AK39	AK51
1.00	AK25	AK25	1.06	AK16	AK17	1.14	AK21	AK24	1.23	AK81	AK99	1.32	AK64	AK84
1.00	AK26	AK26	1.06	AK51	AK54	1.14	AK28	AK32	1.23	AK54	AK66	1.32	AK15	AK20
1.00	AK27	AK27	1.06	AK32	AK34	1.14	AK71	AK81	1.23	AK89	AK109	1.32	AK79	AK104
1.00	AK28	AK28	1.06	AK15	AK16	1.14	AK34	AK41	1.23	AK17	AK21	1.32	AK54	AK71
1.00	AK30	AK30	1.06	AK79	AK84	1.15	AK91	AK104	1.23	AK30	AK39	1.32	AK18	AK24
1.00	AK32	AK32	1.07	AK30	AK32	1.15	AK20	AK23	1.23	AK34	AK44	1.32	AK94	AK124
1.00	AK34	AK34	1.07	AK46	AK49	1.15	AK56	AK64	1.23	AK21	AK26	1.33	AK21	AK28
1.00	AK35	AK35	1.07	AK74	AK79	1.15	AK49	AK56	1.23	AK66	AK81	1.33	AK69	AK91
1.00	AK39	AK39	1.07	AK28	AK30	1.15	AK69	AK79	1.23	AK74	AK91	1.33	AK24	AK32
1.00	AK41	AK41	1.07	AK69	AK74	1.15	AK26	AK30	1.24	AK44	AK54	1.33	AK41	AK54
1.00	AK44	AK44	1.08	AK26	AK28	1.15	AK19	AK22	1.24	AK56	AK69	1.33	AK56	AK74
1.00	AK46	AK46	1.08	AK41	AK44	1.15	AK32	AK39	1.24	AK64	AK79	1.33	AK71	AK94
1.00	AK49	AK49	1.08	AK66	AK71	1.15	AK79	AK91	1.24	AK16	AK20	1.34	AK61	AK81
1.00	AK51	AK51	1.08	AK25	AK27	1.16	AK64	AK74	1.24	AK84	AK104	1.34	AK46	AK61
1.00	AK54	AK54	1.08	AK64	AK69	1.16	AK51	AK59	1.24	AK20	AK25	1.34	AK35	AK49
1.00	AK56	AK56	1.08	AK24	AK26	1.16	AK18	AK21	1.24	AK24	AK30	1.34	AK26	AK35
1.00	AK59	AK59	1.08	AK61	AK66	1.16	AK94	AK109	1.25	AK28	AK35	1.34	AK20	AK27
1.00	AK61	AK61	1.08	AK84	AK91	1.16	AK24	AK28	1.25	AK49	AK61	1.34	AK17	AK23
1.00	AK64	AK64	1.09	AK23	AK25	1.16	AK81	AK94	1.25	AK41	AK51	1.34	AK74	AK99
1.00	AK66	AK66	1.09	AK34	AK39	1.16	AK30	AK35	1.25	AK35	AK46	1.35	AK59	AK79
1.00	AK69	AK69	1.09	AK59	AK64	1.16	AK44	AK51	1.25	AK27	AK34	1.35	AK81	AK109
1.00	AK71	AK71	1.09	AK22	AK24	1.17	AK61	AK71	1.26	AK19	AK24	1.35	AK44	AK59
1.00	AK74	AK74	1.09	AK91	AK99	1.17	AK23	AK27	1.26	AK91	AK114	1.35	AK25	AK34
1.00	AK79	AK79	1.09	AK56	AK61	1.17	AK17	AK20	1.26	AK79	AK99	1.36	AK22	AK30
1.00	AK81	AK81	1.09	AK32	AK35	1.17	AK89	AK104	1.26	AK15	AK19	1.36	AK66	AK89
1.00	AK84	AK84	1.09	AK21	AK23	1.17	AK59	AK69	1.26	AK71	AK89	1.36	AK49	AK66
1.00	AK89	AK89	1.10	AK54	AK59	1.18	AK22	AK26	1.26	AK59	AK74	1.36	AK19	AK26
1.00	AK91	AK91	1.10	AK74	AK81	1.18	AK69	AK81	1.26	AK51	AK64	1.36	AK16	AK22
1.00	AK94	AK94	1.10	AK20	AK22	1.18	AK46	AK54	1.27	AK22	AK28	1.36	AK27	AK39
1.02	AK89	AK91	1.10	AK81	AK89	1.18	AK27	AK32	1.27	AK39	AK49	1.36	AK51	AK69
1.03	AK79	AK81	1.10	AK51	AK56	1.18	AK84	AK99	1.27	AK18	AK23	1.36	AK84	AK114
1.03	AK34	AK35	1.10	AK19	AK21	1.18	AK16	AK19	1.27	AK64	AK81	1.37	AK91	AK124
1.03	AK69	AK71	1.11	AK49	AK54	1.18	AK56	AK66	1.27	AK25	AK32	1.37	AK32	AK46
1.03	AK64	AK66	1.11	AK18	AK20	1.19	AK21	AK25	1.28	AK56	AK71	1.37	AK69	AK94
1.03	AK91	AK94	1.11	AK94	AK104	1.19	AK39	AK46	1.28	AK74	AK94	1.38	AK34	AK49
1.03	AK59	AK61	1.11	AK27	AK30	1.19	AK71	AK84	1.28	AK21	AK27	1.38	AK18	AK25
1.04	AK27	AK28	1.11	AK64	AK71	1.19	AK54	AK64	1.28	AK66	AK84	1.38	AK41	AK56
1.04	AK26	AK27	1.11	AK46	AK51	1.19	AK15	AK18	1.28	AK44	AK56	1.38	AK54	AK74
1.04	AK81	AK84	1.11	AK35	AK41	1.19	AK79	AK94	1.29	AK17	AK22	1.38	AK59	AK81
1.04	AK54	AK56	1.11	AK17	AK19	1.20	AK20	AK24	1.29	AK54	AK69	1.38	AK23	AK32
1.04	AK25	AK26	1.11	AK89	AK99	1.20	AK25	AK30	1.29	AK89	AK114	1.39	AK28	AK41
1.04	AK24	AK25	1.12	AK71	AK79	1.20	AK35	AK44	1.29	AK71	AK91	1.39	AK61	AK84
1.04	AK49	AK51	1.12	AK25	AK28	1.20	AK91	AK109	1.29	AK81	AK104	1.39	AK79	AK109
1.04	AK23	AK24	1.12	AK44	AK49	1.20	AK66	AK79	1.29	AK34	AK46	1.39	AK15	AK21
1.04	AK71	AK74	1.12	AK16	AK18	1.20	AK51	AK61	1.29	AK27	AK35	1.39	AK66	AK91
1.04	AK22	AK23	1.12	AK84	AK94	1.20	AK41	AK49	1.29	AK46	AK59	1.39	AK20	AK28
1.05	AK21	AK22	1.12	AK59	AK66	1.21	AK19	AK23	1.29	AK20	AK26	1.39	AK25	AK35
1.05	AK66	AK69	1.12	AK24	AK27	1.21	AK74	AK89	1.30	AK30	AK41	1.39	AK30	AK44
1.05	AK44	AK46	1.12	AK66	AK74	1.21	AK59	AK71	1.30	AK69	AK89	1.39	AK35	AK51
1.05	AK20	AK21	1.13	AK81	AK91	1.21	AK28	AK34	1.30	AK23	AK30	1.40	AK17	AK24

# DRIVE RATIOS USING 4L, AP & AX BELTS IN AK SHEAVES



Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN
1.40	AK39	AK54	1.51	AK54	AK81	1.63	AK46	AK74	1.76	AK54	AK94	1.92	AK32	AK64
1.40	AK44	AK61	1.51	AK89	AK134	1.63	AK49	AK79	1.76	AK71	AK124	1.93	AK20	AK41
1.40	AK64	AK89	1.51	AK17	AK26	1.63	AK41	AK66	1.77	AK51	AK89	1.93	AK39	AK74
1.40	AK89	AK124	1.52	AK15	AK23	1.64	AK44	AK71	1.77	AK19	AK34	1.94	AK24	AK49
1.40	AK71	AK99	1.52	AK46	AK69	1.64	AK61	AK99	1.77	AK32	AK59	1.94	AK25	AK51
1.40	AK51	AK71	1.52	AK44	AK66	1.64	AK64	AK104	1.77	AK15	AK27	1.94	AK44	AK84
1.40	AK46	AK64	1.52	AK69	AK104	1.64	AK56	AK91	1.78	AK59	AK104	1.95	AK49	AK94
1.41	AK24	AK34	1.52	AK34	AK54	1.65	AK15	AK25	1.79	AK46	AK81	1.95	AK30	AK61
1.41	AK19	AK27	1.52	AK59	AK89	1.65	AK18	AK30	1.79	AK30	AK56	1.95	AK54	AK104
1.41	AK74	AK104	1.52	AK32	AK51	1.65	AK94	AK154	1.79	AK56	AK99	1.96	AK34	AK69
1.42	AK26	AK39	1.53	AK49	AK74	1.65	AK21	AK35	1.79	AK26	AK49	1.96	AK59	AK114
1.42	AK81	AK114	1.53	AK24	AK39	1.67	AK16	AK27	1.79	AK81	AK144	1.96	AK35	AK71
1.42	AK21	AK30	1.53	AK22	AK34	1.67	AK19	AK32	1.80	AK27	AK51	1.96	AK64	AK124
1.42	AK49	AK69	1.53	AK39	AK59	1.67	AK22	AK39	1.80	AK39	AK69	1.96	AK41	AK79
1.42	AK56	AK79	1.54	AK35	AK56	1.67	AK25	AK44	1.80	AK64	AK114	1.96	AK69	AK134
1.42	AK16	AK23	1.54	AK18	AK28	1.67	AK28	AK49	1.81	AK61	AK109	1.97	AK74	AK144
1.43	AK64	AK91	1.54	AK94	AK144	1.67	AK34	AK59	1.81	AK51	AK91	1.97	AK46	AK89
1.43	AK18	AK26	1.54	AK81	AK124	1.67	AK39	AK64	1.81	AK23	AK44	1.97	AK15	AK30
1.43	AK94	AK134	1.55	AK16	AK25	1.67	AK51	AK84	1.81	AK34	AK64	1.97	AK79	AK154
1.43	AK66	AK94	1.55	AK27	AK44	1.67	AK54	AK89	1.81	AK69	AK124	1.97	AK16	AK32
1.43	AK34	AK51	1.55	AK71	AK109	1.67	AK66	AK109	1.82	AK24	AK46	1.97	AK51	AK99
1.43	AK59	AK84	1.55	AK25	AK41	1.67	AK69	AK114	1.82	AK35	AK66	1.97	AK17	AK34
1.44	AK27	AK41	1.55	AK74	AK114	1.67	AK81	AK134	1.82	AK19	AK35	1.97	AK56	AK109
1.44	AK22	AK32	1.55	AK61	AK94	1.67	AK49	AK81	1.82	AK44	AK79	1.97	AK94	AK184
1.44	AK69	AK99	1.56	AK59	AK91	1.68	AK35	AK61	1.83	AK74	AK134	1.98	AK21	AK44
1.45	AK24	AK35	1.56	AK30	AK49	1.68	AK32	AK56	1.83	AK20	AK39	1.98	AK22	AK46
1.45	AK46	AK66	1.56	AK64	AK99	1.68	AK26	AK46	1.83	AK32	AK61	1.98	AK26	AK54
1.45	AK15	AK22	1.56	AK28	AK46	1.68	AK23	AK41	1.84	AK41	AK74	1.98	AK27	AK56
1.45	AK79	AK114	1.56	AK46	AK71	1.68	AK20	AK34	1.84	AK21	AK41	1.98	AK32	AK66
1.45	AK39	AK56	1.56	AK19	AK30	1.69	AK74	AK124	1.84	AK15	AK28	2.01	AK46	AK91
1.46	AK41	AK59	1.57	AK51	AK79	1.70	AK59	AK99	1.84	AK79	AK144	2.01	AK41	AK81
1.46	AK17	AK25	1.57	AK17	AK27	1.70	AK56	AK94	1.84	AK28	AK54	2.01	AK34	AK71
1.46	AK56	AK81	1.57	AK54	AK84	1.70	AK91	AK154	1.84	AK49	AK89	2.02	AK28	AK59
1.46	AK30	AK46	1.58	AK22	AK35	1.70	AK54	AK91	1.85	AK16	AK30	2.02	AK24	AK51
1.46	AK19	AK28	1.58	AK34	AK56	1.71	AK44	AK74	1.85	AK84	AK154	2.02	AK23	AK49
1.46	AK32	AK49	1.58	AK15	AK24	1.71	AK41	AK69	1.85	AK39	AK71	2.03	AK19	AK41
1.46	AK49	AK71	1.58	AK79	AK124	1.71	AK79	AK134	1.85	AK46	AK84	2.03	AK18	AK39
1.46	AK51	AK74	1.58	AK41	AK64	1.71	AK15	AK26	1.86	AK17	AK32	2.03	AK17	AK35
1.47	AK23	AK34	1.59	AK20	AK32	1.72	AK39	AK66	1.86	AK54	AK99	2.04	AK91	AK184
1.47	AK25	AK39	1.59	AK39	AK61	1.72	AK64	AK109	1.86	AK25	AK49	2.04	AK35	AK74
1.47	AK44	AK64	1.59	AK44	AK69	1.72	AK30	AK54	1.86	AK18	AK34	2.05	AK54	AK109
1.47	AK61	AK89	1.59	AK66	AK104	1.72	AK61	AK104	1.87	AK26	AK51	2.05	AK30	AK64
1.47	AK71	AK104	1.59	AK91	AK144	1.72	AK34	AK61	1.87	AK51	AK94	2.05	AK71	AK144
1.48	AK54	AK79	1.59	AK69	AK109	1.73	AK16	AK28	1.87	AK34	AK66	2.05	AK49	AK99
1.48	AK35	AK54	1.60	AK23	AK39	1.73	AK27	AK49	1.87	AK59	AK109	2.05	AK66	AK134
1.48	AK64	AK94	1.60	AK26	AK44	1.73	AK84	AK144	1.87	AK44	AK81	2.06	AK26	AK56
1.48	AK91	AK134	1.60	AK21	AK34	1.73	AK20	AK35	1.88	AK56	AK104	2.06	AK25	AK54
1.48	AK74	AK109	1.61	AK56	AK89	1.73	AK24	AK44	1.88	AK49	AK91	2.06	AK44	AK89
1.48	AK16	AK24	1.61	AK16	AK26	1.74	AK28	AK51	1.89	AK30	AK59	2.06	AK61	AK124
1.48	AK84	AK124	1.61	AK51	AK81	1.74	AK49	AK84	1.89	AK22	AK44	2.06	AK56	AK114
1.49	AK18	AK27	1.61	AK84	AK134	1.74	AK46	AK79	1.89	AK61	AK114	2.07	AK39	AK79
1.49	AK20	AK30	1.61	AK59	AK94	1.74	AK17	AK30	1.89	AK23	AK46	2.07	AK21	AK46
1.49	AK26	AK41	1.61	AK24	AK41	1.74	AK89	AK154	1.90	AK66	AK124	2.07	AK51	AK104
1.49	AK28	AK44	1.62	AK32	AK54	1.74	AK21	AK39	1.90	AK35	AK69	2.07	AK20	AK44
1.50	AK61	AK91	1.62	AK27	AK46	1.74	AK66	AK114	1.91	AK71	AK134	2.08	AK32	AK69
1.51	AK41	AK61	1.62	AK71	AK114	1.75	AK25	AK46	1.91	AK27	AK54	2.08	AK46	AK94
1.51	AK23	AK35	1.62	AK35	AK59	1.76	AK22	AK41	1.91	AK28	AK56	2.09	AK89	AK184
1.51	AK21	AK32	1.62	AK30	AK51	1.76	AK18	AK32	1.92	AK81	AK154	2.09	AK28	AK61
1.51	AK66	AK99	1.63	AK17	AK28	1.76	AK41	AK71	1.92	AK18	AK35	2.09	AK41	AK84
1.51	AK56	AK84	1.63	AK89	AK144	1.76	AK35	AK64	1.92	AK19	AK39	2.09	AK27	AK59



# DRIVE RATIOS USING 4L, AP & AX BELTS IN AK SHEAVES

Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN
2.09	AK16	AK34	2.30	AK81	AK184	2.54	AK19	AK51	2.83	AK34	AK99	3.15	AK20	AK66
2.10	AK15	AK32	2.30	AK18	AK44	2.54	AK32	AK84	2.83	AK17	AK51	3.15	AK32	AK104
2.10	AK34	AK74	2.30	AK21	AK51	2.54	AK30	AK79	2.83	AK66	AK184	3.16	AK24	AK79
2.10	AK74	AK154	2.30	AK46	AK104	2.54	AK17	AK46	2.84	AK24	AK71	3.17	AK35	AK114
2.11	AK44	AK91	2.30	AK34	AK81	2.54	AK28	AK74	2.84	AK18	AK54	3.17	AK59	AK184
2.11	AK23	AK51	2.30	AK59	AK134	2.55	AK26	AK69	2.84	AK25	AK74	3.18	AK16	AK54
2.11	AK22	AK49	2.32	AK20	AK49	2.55	AK15	AK41	2.85	AK32	AK94	3.18	AK27	AK89
2.11	AK69	AK144	2.32	AK23	AK56	2.55	AK24	AK64	2.85	AK41	AK114	3.19	AK15	AK51
2.11	AK30	AK66	2.32	AK35	AK84	2.56	AK22	AK59	2.87	AK22	AK66	3.20	AK30	AK99
2.12	AK39	AK81	2.33	AK22	AK54	2.56	AK20	AK54	2.87	AK39	AK109	3.20	AK46	AK144
2.12	AK64	AK134	2.33	AK25	AK61	2.56	AK61	AK154	2.87	AK30	AK89	3.21	AK19	AK64
2.13	AK59	AK124	2.33	AK39	AK89	2.57	AK18	AK49	2.87	AK15	AK46	3.21	AK49	AK154
2.14	AK18	AK41	2.33	AK54	AK124	2.58	AK16	AK44	2.87	AK23	AK69	3.22	AK18	AK61
2.14	AK25	AK56	2.34	AK41	AK94	2.58	AK49	AK124	2.88	AK16	AK49	3.22	AK22	AK74
2.14	AK32	AK71	2.35	AK27	AK66	2.59	AK34	AK91	2.88	AK51	AK144	3.23	AK21	AK71
2.14	AK17	AK39	2.35	AK24	AK59	2.59	AK41	AK104	2.88	AK44	AK124	3.24	AK25	AK84
2.14	AK24	AK54	2.35	AK79	AK184	2.60	AK39	AK99	2.89	AK35	AK104	3.24	AK24	AK81
2.14	AK54	AK114	2.36	AK26	AK64	2.61	AK35	AK94	2.89	AK27	AK81	3.25	AK28	AK94
2.15	AK16	AK35	2.36	AK66	AK154	2.61	AK30	AK81	2.89	AK28	AK84	3.25	AK27	AK91
2.16	AK49	AK104	2.37	AK28	AK69	2.61	AK56	AK144	2.90	AK20	AK61	3.26	AK34	AK114
2.16	AK27	AK61	2.37	AK49	AK114	2.62	AK26	AK71	2.90	AK54	AK154	3.27	AK39	AK124
2.17	AK26	AK59	2.38	AK30	AK74	2.63	AK71	AK184	2.91	AK21	AK64	3.29	AK17	AK59
2.17	AK20	AK46	2.38	AK32	AK79	2.63	AK24	AK66	2.92	AK64	AK184	3.29	AK20	AK69
2.17	AK51	AK109	2.39	AK39	AK91	2.64	AK27	AK74	2.92	AK26	AK79	3.30	AK23	AK79
2.18	AK44	AK94	2.39	AK34	AK84	2.64	AK22	AK61	2.93	AK30	AK91	3.30	AK26	AK89
2.18	AK19	AK44	2.39	AK16	AK41	2.65	AK44	AK114	2.95	AK18	AK56	3.30	AK16	AK56
2.18	AK35	AK79	2.39	AK61	AK144	2.65	AK25	AK69	2.95	AK19	AK59	3.31	AK19	AK66
2.19	AK46	AK99	2.41	AK18	AK46	2.65	AK59	AK154	2.96	AK23	AK71	3.31	AK32	AK109
2.19	AK28	AK64	2.41	AK44	AK104	2.66	AK20	AK56	2.96	AK24	AK74	3.35	AK56	AK184
2.19	AK71	AK154	2.41	AK20	AK51	2.66	AK23	AK64	2.97	AK34	AK104	3.35	AK44	AK144
2.20	AK22	AK51	2.42	AK46	AK109	2.67	AK21	AK59	2.98	AK46	AK134	3.35	AK41	AK134
2.20	AK39	AK84	2.42	AK15	AK39	2.68	AK18	AK51	3.00	AK21	AK66	3.36	AK30	AK104
2.21	AK21	AK49	2.42	AK22	AK56	2.68	AK51	AK134	3.00	AK26	AK81	3.36	AK27	AK94
2.21	AK66	AK144	2.43	AK24	AK61	2.68	AK34	AK94	3.00	AK16	AK51	3.37	AK24	AK84
2.21	AK84	AK184	2.43	AK17	AK44	2.69	AK19	AK54	3.00	AK17	AK54	3.37	AK21	AK74
2.21	AK30	AK69	2.43	AK56	AK134	2.69	AK32	AK89	3.00	AK22	AK69	3.38	AK26	AK91
2.22	AK41	AK89	2.43	AK26	AK66	2.70	AK16	AK46	3.00	AK27	AK84	3.38	AK18	AK64
2.22	AK24	AK56	2.44	AK19	AK49	2.70	AK69	AK184	3.00	AK32	AK99	3.38	AK23	AK81
2.23	AK15	AK34	2.44	AK28	AK71	2.70	AK30	AK84	3.00	AK39	AK114	3.39	AK15	AK54
2.23	AK61	AK134	2.44	AK64	AK154	2.71	AK17	AK49	3.00	AK49	AK144	3.39	AK20	AK71
2.23	AK32	AK74	2.44	AK21	AK54	2.71	AK54	AK144	3.03	AK35	AK109	3.40	AK17	AK61
2.23	AK23	AK54	2.45	AK32	AK81	2.72	AK28	AK79	3.03	AK30	AK94	3.42	AK28	AK99
2.24	AK35	AK81	2.45	AK23	AK59	2.72	AK41	AK109	3.04	AK25	AK79	3.43	AK46	AK154
2.25	AK26	AK61	2.45	AK25	AK64	2.73	AK25	AK71	3.05	AK20	AK64	3.43	AK25	AK89
2.25	AK34	AK79	2.45	AK27	AK69	2.73	AK39	AK104	3.05	AK19	AK61	3.44	AK22	AK79
2.25	AK56	AK124	2.46	AK35	AK89	2.74	AK26	AK74	3.06	AK15	AK49	3.45	AK35	AK124
2.25	AK25	AK59	2.47	AK39	AK94	2.74	AK15	AK44	3.07	AK61	AK184	3.46	AK19	AK69
2.26	AK17	AK41	2.47	AK41	AK99	2.74	AK23	AK66	3.07	AK28	AK89	3.46	AK32	AK114
2.26	AK69	AK154	2.47	AK51	AK124	2.75	AK35	AK99	3.08	AK51	AK154	3.48	AK54	AK184
2.26	AK28	AK66	2.48	AK59	AK144	2.75	AK46	AK124	3.09	AK23	AK74	3.48	AK16	AK59
2.26	AK49	AK109	2.52	AK74	AK184	2.75	AK32	AK91	3.09	AK22	AK71	3.49	AK18	AK66
2.27	AK41	AK91	2.52	AK35	AK91	2.76	AK24	AK69	3.10	AK41	AK124	3.49	AK26	AK94
2.27	AK16	AK39	2.52	AK54	AK134	2.77	AK21	AK61	3.11	AK18	AK59	3.51	AK25	AK91
2.27	AK27	AK64	2.53	AK27	AK71	2.78	AK22	AK64	3.11	AK26	AK84	3.51	AK23	AK84
2.27	AK51	AK114	2.53	AK46	AK114	2.79	AK28	AK81	3.11	AK17	AK56	3.52	AK15	AK56
2.28	AK30	AK71	2.53	AK25	AK66	2.79	AK49	AK134	3.12	AK34	AK109	3.52	AK30	AK109
2.28	AK64	AK144	2.53	AK44	AK109	2.79	AK19	AK56	3.12	AK25	AK81	3.53	AK22	AK81
2.28	AK19	AK46	2.53	AK23	AK61	2.80	AK56	AK154	3.12	AK44	AK134	3.53	AK39	AK134
2.29	AK15	AK35	2.53	AK21	AK56	2.80	AK20	AK59	3.14	AK21	AK69	3.54	AK20	AK74
2.29	AK44	AK99	2.54	AK34	AK89	2.82	AK27	AK79	3.14	AK28	AK91	3.55	AK27	AK99

# DRIVE RATIOS USING 4L, AP & AX BELTS IN AK SHEAVES



Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN
3.55	AK34	AK124	3.97	AK19	AK79	4.48	AK15	AK71	5.24	AK20	AK109	6.49	AK23	AK154
3.56	AK19	AK71	3.98	AK22	AK91	4.49	AK19	AK89	5.26	AK19	AK104	6.52	AK16	AK109
3.57	AK17	AK64	3.98	AK24	AK99	4.51	AK20	AK94	5.27	AK18	AK99	6.61	AK15	AK104
3.57	AK24	AK89	4.01	AK35	AK144	4.53	AK21	AK99	5.29	AK17	AK94	6.62	AK18	AK124
3.59	AK44	AK154	4.02	AK30	AK124	4.54	AK17	AK81	5.29	AK34	AK184	6.63	AK21	AK144
3.60	AK28	AK104	4.02	AK25	AK104	4.56	AK22	AK104	5.30	AK16	AK89	6.64	AK27	AK184
3.60	AK21	AK79	4.02	AK20	AK84	4.57	AK23	AK109	5.32	AK15	AK84	6.78	AK22	AK154
3.61	AK16	AK61	4.03	AK15	AK64	4.59	AK19	AK91	5.35	AK28	AK154	6.79	AK19	AK134
3.61	AK41	AK144	4.06	AK26	AK109	4.59	AK24	AK114	5.38	AK26	AK144	6.82	AK16	AK114
3.63	AK25	AK94	4.07	AK39	AK154	4.62	AK41	AK184	5.41	AK24	AK134	6.89	AK26	AK184
3.65	AK18	AK69	4.07	AK21	AK89	4.62	AK26	AK124	5.42	AK16	AK91	6.94	AK15	AK109
3.65	AK24	AK91	4.08	AK19	AK81	4.65	AK28	AK134	5.44	AK22	AK124	6.95	AK20	AK144
3.67	AK22	AK84	4.08	AK32	AK134	4.67	AK30	A 144	5.49	AK20	AK114	7.00	AK17	AK124
3.68	AK26	AK99	4.09	AK16	AK69	4.68	AK15	AK74	5.51	AK19	AK109	7.09	AK21	AK154
3.69	AK17	AK66	4.09	AK27	AK114	4.69	AK32	AK154	5.54	AK18	AK104	7.16	AK25	AK184
3.69	AK51	AK184	4.10	AK46	AK184	4.70	AK16	AK79	5.55	AK27	AK154	7.16	AK18	AK134
3.69	AK30	AK114	4.11	AK22	AK94	4.71	AK17	AK84	5.57	AK17	AK99	7.26	AK15	AK114
3.70	AK21	AK81	4.13	AK34	AK144	4.73	AK18	AK89	5.59	AK25	AK144	7.31	AK19	AK144
3.71	AK15	AK59	4.14	AK17	AK74	4.74	AK19	AK94	5.61	AK16	AK94	7.42	AK16	AK124
3.72	AK19	AK74	4.15	AK23	AK99	4.76	AK20	AK99	5.62	AK32	AK184	7.44	AK20	AK154
3.72	AK23	AK89	4.16	AK15	AK66	4.77	AK21	AK104	5.64	AK23	AK134	7.45	AK24	AK184
3.73	AK27	AK104	4.16	AK21	AK91	4.78	AK22	AK109	5.65	AK15	AK89	7.57	AK17	AK134
3.73	AK35	AK134	4.18	AK24	AK104	4.79	AK23	AK114	5.70	AK21	AK124	7.70	AK18	AK144
3.76	AK18	AK71	4.19	AK18	AK79	4.80	AK25	AK124	5.75	AK26	AK154	7.77	AK23	AK184
3.77	AK32	AK124	4.21	AK16	AK71	4.82	AK16	AK81	5.77	AK19	AK114	7.82	AK19	AK154
3.77	AK28	AK109	4.22	AK25	AK109	4.82	AK27	AK134	5.77	AK15	AK91	7.90	AK15	AK124
3.78	AK24	AK94	4.23	AK19	AK84	4.84	AK18	AK91	5.81	AK18	AK109	8.03	AK16	AK134
3.78	AK20	AK79	4.25	AK26	AK114	4.87	AK39	AK184	5.82	AK24	AK144	8.11	AK22	AK184
3.79	AK16	AK64	4.27	AK20	AK89	5.00	AK15	AK79	5.86	AK17	AK104	8.14	AK17	AK144
3.80	AK39	AK144	4.29	AK44	AK184	5.00	AK16	AK84	5.89	AK22	AK134	8.24	AK18	AK154
3.81	AK23	AK91	4.30	AK35	AK154	5.00	AK17	AK89	5.91	AK16	AK99	8.49	AK21	AK184
3.82	AK25	AK99	4.30	AK18	AK81	5.00	AK18	AK94	5.97	AK15	AK94	8.55	AK15	AK134
3.84	AK21	AK84	4.30	AK28	AK124	5.00	AK19	AK99	5.98	AK20	AK124	8.64	AK16	AK144
3.84	AK15	AK61	4.30	AK21	AK94	5.00	AK20	AK104	5.98	AK25	AK154	8.71	AK17	AK154
3.84	AK34	AK134	4.33	AK22	AK99	5.00	AK21	AK109	5.98	AK30	AK184	8.90	AK20	AK184
3.84	AK49	AK184	4.34	AK30	AK134	5.00	AK22	AK114	6.06	AK23	AK144	9.19	AK15	AK144
3.86	AK17	AK69	4.35	AK15	AK69	5.00	AK24	AK124	6.08	AK18	AK114	9.24	AK16	AK154
3.86	AK41	AK154	4.36	AK23	AK104	5.00	AK26	AK134	6.14	AK17	AK109	9.36	AK19	AK184
3.87	AK26	AK104	4.37	AK20	AK91	5.00	AK28	AK144	6.16	AK21	AK134	9.84	AK15	AK154
3.88	AK20	AK81	4.38	AK32	AK144	5.00	AK30	AK154	6.21	AK16	AK104	9.86	AK18	AK184
3.89	AK22	AK89	4.39	AK24	AK109	5.11	AK17	AK91	6.22	AK24	AK154	10.43	AK17	AK184
3.91	AK16	AK66	4.39	AK16	AK74	5.13	AK15	AK81	6.28	AK19	AK124	11.06	AK16	AK184
3.91	AK27	AK109	4.41	AK25	AK114	5.14	AK35	AK184	6.29	AK15	AK99	11.77	AK15	AK184
3.92	AK18	AK74	4.42	AK34	AK154	5.18	AK27	AK144	6.33	AK22	AK144			
3.94	AK23	AK94	4.43	AK17	AK79	5.20	AK25	AK134	6.40	AK28	AK184			
3.95	AK28	AK114	4.45	AK27	AK124	5.21	AK23	AK124	6.43	AK17	AK114			
3.97	AK17	AK71	4.46	AK18	AK84	5.23	AK21	AK114	6.46	AK20	AK134			





# DRIVE RATIOS USING 4L, AP & AX BELTS IN BK SHEAVES

Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN
1.00	BK24	BK24	1.07	BK32	BK34	1.18	BK90	BK105	1.30	BK90	BK115	1.44	BK75	BK105
1.00	BK25	BK25	1.07	BK75	BK80	1.18	BK62	BK72	1.30	BK57	BK72	1.45	BK52	BK72
1.00	BK26	BK26	1.08	BK30	BK32	1.18	BK36	BK46	1.31	BK36	BK50	1.45	BK85	BK120
1.00	BK27	BK27	1.08	BK47	BK50	1.19	BK45	BK52	1.32	BK32	BK45	1.45	BK30	BK46
1.00	BK28	BK28	1.08	BK72	BK77	1.19	BK77	BK90	1.32	BK55	BK70	1.45	BK45	BK62
1.00	BK30	BK30	1.08	BK45	BK48	1.19	BK60	BK70	1.32	BK45	BK57	1.46	BK47	BK65
1.00	BK32	BK32	1.08	BK70	BK75	1.19	BK85	BK100	1.32	BK70	BK90	1.46	BK34	BK52
1.00	BK34	BK34	1.08	BK28	BK30	1.20	BK24	BK28	1.32	BK85	BK110	1.46	BK36	BK55
1.00	BK36	BK36	1.08	BK67	BK72	1.20	BK72	BK85	1.32	BK60	BK77	1.46	BK55	BK77
1.00	BK40	BK40	1.09	BK40	BK45	1.20	BK57	BK67	1.32	BK100	BK130	1.46	BK57	BK80
1.00	BK45	BK45	1.09	BK65	BK70	1.20	BK47	BK55	1.33	BK25	BK32	1.47	BK27	BK40
1.00	BK46	BK46	1.09	BK26	BK28	1.21	BK80	BK95	1.33	BK28	BK36	1.47	BK48	BK67
1.00	BK47	BK47	1.09	BK62	BK67	1.21	BK65	BK77	1.33	BK34	BK48	1.47	BK50	BK70
1.00	BK48	BK48	1.09	BK25	BK27	1.21	BK32	BK40	1.33	BK47	BK60	1.47	BK67	BK95
1.00	BK50	BK50	1.10	BK60	BK65	1.21	BK55	BK65	1.33	BK62	BK80	1.47	BK77	BK110
1.00	BK52	BK52	1.10	BK24	BK26	1.21	BK27	BK32	1.33	BK77	BK100	1.48	BK60	BK85
1.00	BK55	BK55	1.10	BK48	BK52	1.22	BK36	BK47	1.34	BK52	BK67	1.48	BK70	BK100
1.00	BK57	BK57	1.10	BK57	BK62	1.22	BK100	BK120	1.34	BK80	BK105	1.48	BK80	BK115
1.00	BK60	BK60	1.10	BK46	BK50	1.22	BK67	BK80	1.35	BK48	BK62	1.48	BK90	BK130
1.00	BK62	BK62	1.11	BK55	BK60	1.22	BK48	BK57	1.35	BK65	BK85	1.49	BK24	BK34
1.00	BK65	BK65	1.11	BK100	BK110	1.22	BK75	BK90	1.35	BK32	BK46	1.49	BK30	BK47
1.00	BK67	BK67	1.11	BK70	BK77	1.22	BK52	BK62	1.35	BK50	BK65	1.49	BK32	BK50
1.00	BK70	BK70	1.11	BK52	BK57	1.23	BK30	BK36	1.36	BK26	BK34	1.49	BK46	BK65
1.00	BK72	BK72	1.11	BK95	BK105	1.23	BK60	BK72	1.36	BK72	BK95	1.51	BK47	BK67
1.00	BK75	BK75	1.12	BK77	BK85	1.23	BK95	BK115	1.36	BK55	BK72	1.51	BK25	BK36
1.00	BK77	BK77	1.12	BK40	BK46	1.23	BK34	BK45	1.36	BK46	BK60	1.51	BK72	BK105
1.00	BK80	BK80	1.12	BK50	BK55	1.23	BK40	BK50	1.36	BK57	BK75	1.51	BK62	BK90
1.00	BK85	BK85	1.12	BK90	BK100	1.23	BK25	BK30	1.36	BK90	BK120	1.51	BK95	BK140
1.00	BK90	BK90	1.12	BK65	BK72	1.23	BK46	BK55	1.37	BK36	BK52	1.52	BK52	BK75
1.00	BK95	BK95	1.12	BK72	BK80	1.24	BK50	BK60	1.37	BK75	BK100	1.52	BK50	BK72
1.00	BK100	BK100	1.13	BK47	BK52	1.24	BK62	BK75	1.38	BK40	BK55	1.52	BK75	BK110
1.03	BK47	BK48	1.13	BK27	BK30	1.24	BK70	BK85	1.38	BK47	BK62	1.52	BK40	BK60
1.03	BK46	BK47	1.13	BK85	BK95	1.24	BK90	BK110	1.38	BK60	BK80	1.52	BK65	BK95
1.03	BK45	BK46	1.13	BK34	BK40	1.24	BK28	BK34	1.38	BK27	BK36	1.52	BK36	BK57
1.03	BK75	BK77	1.13	BK45	BK50	1.25	BK36	BK48	1.39	BK32	BK47	1.53	BK55	BK80
1.03	BK70	BK72	1.13	BK60	BK67	1.25	BK55	BK67	1.39	BK67	BK90	1.53	BK30	BK48
1.03	BK65	BK67	1.13	BK67	BK75	1.25	BK47	BK57	1.39	BK85	BK115	1.53	BK28	BK45
1.04	BK60	BK62	1.14	BK80	BK90	1.26	BK85	BK105	1.39	BK24	BK32	1.53	BK26	BK40
1.04	BK55	BK57	1.14	BK25	BK28	1.26	BK77	BK95	1.39	BK34	BK50	1.53	BK45	BK65
1.04	BK27	BK28	1.14	BK32	BK36	1.26	BK65	BK80	1.40	BK45	BK60	1.54	BK48	BK70
1.04	BK77	BK80	1.14	BK40	BK47	1.26	BK34	BK46	1.40	BK50	BK67	1.55	BK46	BK67
1.04	BK26	BK27	1.15	BK24	BK27	1.26	BK57	BK70	1.40	BK70	BK95	1.55	BK77	BK115
1.05	BK25	BK26	1.15	BK62	BK70	1.27	BK26	BK32	1.40	BK95	BK130	1.55	BK80	BK120
1.05	BK72	BK75	1.15	BK55	BK62	1.27	BK45	BK55	1.40	BK77	BK105	1.55	BK67	BK100
1.05	BK50	BK52	1.15	BK75	BK85	1.28	BK62	BK77	1.40	BK57	BK77	1.56	BK34	BK55
1.05	BK24	BK25	1.15	BK30	BK34	1.28	BK80	BK100	1.40	BK52	BK70	1.56	BK70	BK105
1.05	BK48	BK50	1.15	BK36	BK45	1.28	BK72	BK90	1.41	BK28	BK40	1.56	BK32	BK52
1.05	BK67	BK70	1.16	BK46	BK52	1.28	BK50	BK62	1.41	BK80	BK110	1.56	BK52	BK77
1.05	BK46	BK48	1.16	BK70	BK80	1.29	BK46	BK57	1.42	BK30	BK45	1.57	BK57	BK85
1.05	BK45	BK47	1.16	BK57	BK65	1.29	BK60	BK75	1.42	BK46	BK62	1.57	BK28	BK46
1.05	BK100	BK105	1.16	BK100	BK115	1.29	BK95	BK120	1.42	BK25	BK34	1.57	BK60	BK90
1.06	BK62	BK65	1.16	BK28	BK32	1.29	BK40	BK52	1.42	BK48	BK65	1.58	BK40	BK62
1.06	BK95	BK100	1.16	BK50	BK57	1.29	BK52	BK65	1.42	BK55	BK75	1.58	BK85	BK130
1.06	BK90	BK95	1.17	BK67	BK77	1.29	BK24	BK30	1.42	BK32	BK48	1.58	BK47	BK70
1.06	BK57	BK60	1.17	BK95	BK110	1.30	BK34	BK47	1.42	BK62	BK85	1.59	BK24	BK36
1.06	BK36	BK40	1.17	BK48	BK55	1.30	BK48	BK60	1.43	BK100	BK140	1.59	BK45	BK67
1.06	BK85	BK90	1.17	BK65	BK75	1.30	BK75	BK95	1.43	BK72	BK100	1.59	BK50	BK75
1.07	BK34	BK36	1.17	BK40	BK48	1.30	BK27	BK34	1.43	BK40	BK57	1.59	BK72	BK110
1.07	BK52	BK55	1.18	BK26	BK30	1.30	BK30	BK40	1.43	BK65	BK90	1.59	BK48	BK72
1.07	BK80	BK85	1.18	BK52	BK60	1.30	BK67	BK85	1.44	BK26	BK36	1.59	BK75	BK115

# DRIVE RATIOS USING 4L, AP & AX BELTS IN BK SHEAVES



Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN
1.60	BK27	BK45	1.77	BK57	BK95	1.97	BK57	BK105	2.23	BK27	BK60	2.56	BK26	BK65
1.60	BK30	BK50	1.77	BK36	BK65	1.97	BK62	BK115	2.25	BK30	BK67	2.56	BK24	BK60
1.60	BK25	BK40	1.78	BK65	BK110	1.97	BK100	BK190	2.25	BK40	BK85	2.56	BK67	BK160
1.61	BK62	BK95	1.79	BK34	BK62	1.98	BK24	BK48	2.25	BK62	BK130	2.58	BK55	BK130
1.61	BK90	BK140	1.79	BK62	BK105	1.98	BK25	BK50	2.26	BK75	BK160	2.59	BK47	BK110
1.61	BK65	BK100	1.79	BK48	BK80	1.98	BK26	BK52	2.26	BK32	BK72	2.60	BK45	BK105
1.61	BK28	BK47	1.79	BK25	BK46	1.98	BK30	BK60	2.26	BK55	BK115	2.62	BK30	BK77
1.62	BK36	BK60	1.79	BK30	BK55	1.98	BK36	BK72	2.27	BK46	BK95	2.63	BK77	BK190
1.62	BK77	BK120	1.80	BK26	BK48	2.01	BK46	BK85	2.27	BK57	BK120	2.63	BK28	BK72
1.62	BK34	BK57	1.80	BK45	BK75	2.01	BK40	BK77	2.28	BK34	BK77	2.64	BK26	BK67
1.62	BK46	BK70	1.80	BK70	BK120	2.02	BK32	BK65	2.28	BK48	BK100	2.65	BK50	BK120
1.63	BK52	BK80	1.81	BK46	BK77	2.02	BK28	BK57	2.29	BK50	BK105	2.65	BK65	BK160
1.63	BK55	BK85	1.81	BK67	BK115	2.02	BK27	BK55	2.30	BK25	BK57	2.65	BK48	BK115
1.63	BK47	BK72	1.81	BK27	BK50	2.04	BK48	BK90	2.30	BK52	BK110	2.66	BK24	BK62
1.64	BK50	BK77	1.81	BK40	BK70	2.05	BK60	BK115	2.30	BK65	BK140	2.66	BK27	BK70
1.64	BK27	BK46	1.81	BK75	BK130	2.05	BK34	BK70	2.32	BK24	BK55	2.66	BK46	BK110
1.64	BK67	BK105	1.82	BK28	BK52	2.05	BK55	BK105	2.32	BK27	BK62	2.67	BK25	BK65
1.64	BK70	BK110	1.82	BK50	BK85	2.05	BK72	BK140	2.33	BK26	BK60	2.68	BK57	BK140
1.65	BK100	BK160	1.83	BK80	BK140	2.06	BK30	BK62	2.33	BK45	BK95	2.68	BK40	BK100
1.65	BK28	BK48	1.83	BK24	BK45	2.06	BK50	BK95	2.33	BK60	BK130	2.69	BK36	BK95
1.65	BK26	BK45	1.83	BK36	BK67	2.06	BK67	BK130	2.34	BK47	BK100	2.70	BK75	BK190
1.67	BK32	BK55	1.84	BK47	BK80	2.06	BK62	BK120	2.35	BK28	BK65	2.70	BK34	BK90
1.67	BK40	BK65	1.84	BK25	BK47	2.07	BK45	BK85	2.35	BK85	BK190	2.72	BK32	BK85
1.67	BK45	BK70	1.84	BK32	BK60	2.07	BK25	BK52	2.36	BK30	BK70	2.72	BK47	BK115
1.67	BK48	BK75	1.84	BK55	BK95	2.07	BK57	BK110	2.36	BK72	BK160	2.73	BK45	BK110
1.67	BK57	BK90	1.85	BK90	BK160	2.07	BK24	BK50	2.37	BK32	BK75	2.74	BK30	BK80
1.67	BK60	BK95	1.85	BK45	BK77	2.08	BK36	BK75	2.37	BK55	BK120	2.74	BK27	BK72
1.67	BK72	BK115	1.85	BK52	BK90	2.08	BK52	BK100	2.38	BK34	BK80	2.75	BK52	BK130
1.67	BK75	BK120	1.86	BK60	BK105	2.09	BK95	BK190	2.38	BK36	BK85	2.76	BK28	BK75
1.68	BK46	BK72	1.87	BK30	BK57	2.09	BK32	BK67	2.39	BK40	BK90	2.77	BK25	BK67
1.68	BK36	BK62	1.87	BK57	BK100	2.09	BK47	BK90	2.40	BK46	BK100	2.78	BK26	BK70
1.68	BK30	BK52	1.87	BK40	BK72	2.10	BK40	BK80	2.41	BK48	BK105	2.78	BK48	BK120
1.68	BK27	BK47	1.87	BK65	BK115	2.10	BK80	BK160	2.41	BK50	BK110	2.79	BK55	BK140
1.68	BK24	BK40	1.88	BK24	BK46	2.11	BK27	BK57	2.41	BK24	BK57	2.79	BK46	BK115
1.69	BK80	BK130	1.88	BK62	BK110	2.11	BK26	BK55	2.42	BK52	BK115	2.80	BK62	BK160
1.70	BK65	BK105	1.88	BK46	BK80	2.11	BK34	BK72	2.42	BK26	BK62	2.80	BK24	BK65
1.70	BK62	BK100	1.88	BK25	BK48	2.12	BK70	BK140	2.43	BK28	BK67	2.83	BK40	BK105
1.71	BK50	BK80	1.89	BK34	BK65	2.13	BK65	BK130	2.43	BK62	BK140	2.83	BK72	BK190
1.71	BK47	BK75	1.89	BK26	BK50	2.14	BK36	BK77	2.43	BK30	BK72	2.84	BK28	BK77
1.71	BK85	BK140	1.89	BK67	BK120	2.14	BK28	BK60	2.44	BK32	BK77	2.85	BK36	BK100
1.71	BK26	BK46	1.89	BK27	BK52	2.14	BK60	BK120	2.44	BK70	BK160	2.85	BK47	BK120
1.72	BK48	BK77	1.90	BK72	BK130	2.14	BK46	BK90	2.44	BK25	BK60	2.87	BK26	BK72
1.72	BK45	BK72	1.91	BK77	BK140	2.16	BK55	BK110	2.45	BK27	BK65	2.87	BK45	BK115
1.72	BK70	BK115	1.91	BK32	BK62	2.16	BK48	BK95	2.47	BK45	BK100	2.87	BK34	BK95
1.72	BK34	BK60	1.91	BK48	BK85	2.17	BK30	BK65	2.47	BK47	BK105	2.87	BK27	BK75
1.72	BK67	BK110	1.92	BK36	BK70	2.17	BK24	BK52	2.47	BK57	BK130	2.88	BK50	BK130
1.72	BK27	BK48	1.93	BK24	BK47	2.17	BK57	BK115	2.52	BK80	BK190	2.89	BK32	BK90
1.72	BK40	BK67	1.93	BK45	BK80	2.18	BK50	BK100	2.52	BK60	BK140	2.90	BK24	BK67
1.73	BK28	BK50	1.94	BK28	BK55	2.19	BK52	BK105	2.53	BK52	BK120	2.90	BK60	BK160
1.74	BK32	BK57	1.94	BK50	BK90	2.19	BK32	BK70	2.53	BK50	BK115	2.91	BK25	BK70
1.74	BK55	BK90	1.95	BK55	BK100	2.19	BK77	BK160	2.53	BK48	BK110	2.92	BK70	BK190
1.74	BK52	BK85	1.95	BK34	BK67	2.20	BK26	BK57	2.53	BK27	BK67	2.92	BK46	BK120
1.74	BK95	BK160	1.95	BK60	BK110	2.20	BK45	BK90	2.53	BK46	BK105	2.92	BK30	BK85
1.74	BK25	BK45	1.96	BK40	BK75	2.21	BK25	BK55	2.53	BK25	BK62	2.96	BK27	BK77
1.74	BK72	BK120	1.96	BK65	BK120	2.21	BK90	BK190	2.54	BK40	BK95	2.96	BK28	BK80
1.75	BK46	BK75	1.96	BK70	BK130	2.21	BK34	BK75	2.54	BK36	BK90	2.97	BK40	BK110
1.76	BK26	BK47	1.96	BK47	BK85	2.22	BK47	BK95	2.54	BK34	BK85	2.98	BK52	BK140
1.76	BK47	BK77	1.96	BK75	BK140	2.22	BK28	BK62	2.54	BK32	BK80	3.00	BK25	BK72
1.76	BK60	BK100	1.97	BK52	BK95	2.23	BK67	BK140	2.55	BK30	BK75	3.00	BK26	BK75
1.76	BK77	BK130	1.97	BK85	BK160	2.23	BK36	BK80	2.55	BK28	BK70	3.00	BK36	BK105



# DRIVE RATIOS USING 4L, AP & AX BELTS IN BK SHEAVES

Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN
3.00	BK45	BK120	3.30	BK30	BK95	3.77	BK48	BK160	4.30	BK25	BK100	5.23	BK25	BK120
3.02	BK48	BK130	3.31	BK36	BK115	3.77	BK36	BK130	4.33	BK26	BK105	5.24	BK24	BK115
3.03	BK34	BK100	3.35	BK62	BK190	3.77	BK32	BK115	4.34	BK34	BK140	5.29	BK40	BK190
3.05	BK24	BK70	3.35	BK47	BK140	3.78	BK28	BK100	4.36	BK27	BK110	5.35	BK32	BK160
3.07	BK67	BK190	3.36	BK34	BK110	3.78	BK24	BK85	4.39	BK28	BK115	5.41	BK28	BK140
3.07	BK32	BK95	3.37	BK28	BK90	3.84	BK25	BK90	4.42	BK40	BK160	5.44	BK26	BK130
3.08	BK57	BK160	3.37	BK25	BK80	3.84	BK40	BK140	4.51	BK48	BK190	5.49	BK24	BK120
3.09	BK27	BK80	3.39	BK24	BK77	3.84	BK55	BK190	4.51	BK24	BK100	5.62	BK36	BK190
3.09	BK26	BK77	3.42	BK32	BK105	3.86	BK47	BK160	4.53	BK25	BK105	5.64	BK27	BK140
3.10	BK47	BK130	3.43	BK52	BK160	3.87	BK30	BK110	4.56	BK26	BK110	5.70	BK25	BK130
3.11	BK30	BK90	3.44	BK46	BK140	3.89	BK26	BK95	4.57	BK27	BK115	5.75	BK30	BK160
3.12	BK40	BK115	3.44	BK26	BK85	3.94	BK27	BK100	4.59	BK28	BK120	5.89	BK26	BK140
3.12	BK50	BK140	3.46	BK36	BK120	3.95	BK32	BK120	4.62	BK47	BK190	5.98	BK24	BK130
3.14	BK25	BK75	3.48	BK60	BK190	3.96	BK46	BK160	4.62	BK30	BK130	5.98	BK34	BK190
3.15	BK24	BK72	3.49	BK30	BK100	3.98	BK28	BK105	4.65	BK32	BK140	6.16	BK25	BK140
3.15	BK36	BK110	3.51	BK27	BK90	4.02	BK34	BK130	4.69	BK36	BK160	6.22	BK28	BK160
3.16	BK28	BK85	3.52	BK34	BK115	4.02	BK24	BK90	4.74	BK46	BK190	6.40	BK32	BK190
3.17	BK65	BK190	3.53	BK45	BK140	4.06	BK30	BK115	4.76	BK24	BK105	6.46	BK24	BK140
3.18	BK46	BK130	3.54	BK24	BK80	4.07	BK45	BK160	4.77	BK25	BK110	6.49	BK27	BK160
3.20	BK34	BK105	3.55	BK40	BK130	4.07	BK25	BK95	4.78	BK26	BK115	6.78	BK26	BK160
3.21	BK55	BK160	3.57	BK28	BK95	4.08	BK36	BK140	4.79	BK27	BK120	6.89	BK30	BK190
3.22	BK26	BK80	3.59	BK50	BK160	4.10	BK52	BK190	4.87	BK45	BK190	7.09	BK25	BK160
3.23	BK25	BK77	3.60	BK32	BK110	4.11	BK26	BK100	5.00	BK24	BK110	7.44	BK24	BK160
3.25	BK32	BK100	3.60	BK25	BK85	4.15	BK27	BK105	5.00	BK25	BK115	7.45	BK28	BK190
3.26	BK40	BK120	3.67	BK26	BK90	4.18	BK28	BK110	5.00	BK26	BK120	7.77	BK27	BK190
3.27	BK45	BK130	3.68	BK30	BK105	4.25	BK30	BK120	5.00	BK28	BK130	8.11	BK26	BK190
3.27	BK48	BK140	3.69	BK57	BK190	4.27	BK24	BK95	5.00	BK30	BK140	8.49	BK25	BK190
3.29	BK24	BK75	3.69	BK34	BK120	4.29	BK50	BK190	5.00	BK34	BK160	8.90	BK24	BK190
3.30	BK27	BK85	3.72	BK27	BK95	4.30	BK32	BK130	5.21	BK27	BK130			

# DRIVE RATIOS USING 5L, BP & BX BELTS IN BK SHEAVES



Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN
1.00	BK19	BK19	1.05	BK105	BK110	1.13	BK36	BK45	1.22	BK70	BK85	1.32	BK80	BK105
1.00	BK22	BK22	1.05	BK62	BK65	1.13	BK55	BK62	1.22	BK115	BK140	1.32	BK32	BK47
1.00	BK23	BK23	1.05	BK100	BK105	1.13	BK115	BK130	1.22	BK34	BK46	1.32	BK40	BK55
1.00	BK24	BK24	1.05	BK36	BK40	1.13	BK28	BK32	1.22	BK47	BK57	1.33	BK57	BK75
1.00	BK25	BK25	1.05	BK95	BK100	1.13	BK62	BK70	1.23	BK55	BK67	1.33	BK72	BK95
1.00	BK26	BK26	1.05	BK57	BK60	1.14	BK46	BK52	1.23	BK90	BK110	1.33	BK19	BK26
1.00	BK27	BK27	1.06	BK34	BK36	1.14	BK75	BK85	1.23	BK24	BK30	1.33	BK22	BK30
1.00	BK28	BK28	1.06	BK90	BK95	1.14	BK19	BK22	1.23	BK45	BK55	1.33	BK25	BK34
1.00	BK30	BK30	1.06	BK32	BK34	1.14	BK26	BK30	1.24	BK57	BK70	1.33	BK28	BK40
1.00	BK32	BK32	1.06	BK52	BK55	1.15	BK57	BK65	1.24	BK19	BK24	1.33	BK34	BK50
1.00	BK34	BK34	1.06	BK85	BK90	1.15	BK50	BK57	1.24	BK65	BK80	1.33	BK47	BK62
1.00	BK36	BK36	1.06	BK30	BK32	1.15	BK105	BK120	1.24	BK77	BK95	1.34	BK105	BK140
1.00	BK40	BK40	1.06	BK80	BK85	1.15	BK70	BK80	1.24	BK27	BK34	1.34	BK90	BK120
1.00	BK45	BK45	1.07	BK28	BK30	1.15	BK40	BK48	1.24	BK85	BK105	1.34	BK75	BK100
1.00	BK46	BK46	1.07	BK47	BK50	1.15	BK48	BK55	1.24	BK105	BK130	1.34	BK30	BK45
1.00	BK47	BK47	1.07	BK75	BK80	1.15	BK100	BK115	1.25	BK22	BK28	1.34	BK60	BK80
1.00	BK48	BK48	1.07	BK45	BK48	1.15	BK24	BK28	1.25	BK30	BK40	1.35	BK45	BK60
1.00	BK50	BK50	1.07	BK26	BK28	1.15	BK67	BK77	1.25	BK34	BK47	1.35	BK32	BK48
1.00	BK52	BK52	1.07	BK72	BK77	1.16	BK36	BK46	1.25	BK40	BK52	1.35	BK67	BK90
1.00	BK55	BK55	1.07	BK70	BK75	1.16	BK65	BK75	1.25	BK46	BK57	1.35	BK50	BK67
1.00	BK57	BK57	1.07	BK25	BK27	1.16	BK23	BK27	1.25	BK50	BK62	1.36	BK26	BK36
1.00	BK60	BK60	1.07	BK40	BK45	1.16	BK52	BK60	1.25	BK62	BK77	1.36	BK23	BK32
1.00	BK62	BK62	1.08	BK24	BK26	1.16	BK95	BK110	1.26	BK80	BK100	1.36	BK52	BK70
1.00	BK65	BK65	1.08	BK67	BK72	1.16	BK45	BK52	1.26	BK72	BK90	1.36	BK85	BK115
1.00	BK67	BK67	1.08	BK65	BK70	1.17	BK22	BK26	1.26	BK25	BK32	1.36	BK46	BK62
1.00	BK70	BK70	1.08	BK23	BK25	1.17	BK62	BK72	1.26	BK60	BK75	1.36	BK57	BK77
1.00	BK72	BK72	1.08	BK22	BK24	1.17	BK90	BK105	1.26	BK52	BK65	1.37	BK70	BK95
1.00	BK75	BK75	1.08	BK62	BK67	1.17	BK27	BK32	1.26	BK48	BK60	1.37	BK48	BK65
1.00	BK77	BK77	1.09	BK60	BK65	1.17	BK60	BK70	1.26	BK36	BK50	1.37	BK77	BK105
1.00	BK80	BK80	1.09	BK48	BK52	1.17	BK77	BK90	1.26	BK32	BK45	1.37	BK30	BK46
1.00	BK85	BK85	1.09	BK46	BK50	1.18	BK32	BK40	1.27	BK28	BK36	1.37	BK40	BK57
1.00	BK90	BK90	1.09	BK57	BK62	1.18	BK47	BK55	1.27	BK95	BK120	1.38	BK95	BK130
1.00	BK95	BK95	1.09	BK110	BK120	1.18	BK85	BK100	1.27	BK57	BK72	1.38	BK55	BK75
1.00	BK100	BK100	1.09	BK55	BK60	1.18	BK57	BK67	1.27	BK75	BK95	1.38	BK27	BK40
1.00	BK105	BK105	1.10	BK105	BK115	1.18	BK36	BK47	1.28	BK67	BK85	1.38	BK19	BK27
1.00	BK110	BK110	1.10	BK40	BK46	1.18	BK25	BK30	1.28	BK34	BK48	1.38	BK62	BK85
1.00	BK115	BK115	1.10	BK52	BK57	1.18	BK110	BK130	1.28	BK110	BK140	1.38	BK24	BK34
1.02	BK47	BK48	1.10	BK100	BK110	1.19	BK72	BK85	1.28	BK45	BK57	1.38	BK80	BK110
1.02	BK46	BK47	1.10	BK70	BK77	1.19	BK30	BK36	1.28	BK23	BK30	1.39	BK34	BK52
1.02	BK45	BK46	1.10	BK27	BK30	1.19	BK55	BK65	1.28	BK55	BK70	1.39	BK36	BK55
1.03	BK75	BK77	1.10	BK50	BK55	1.19	BK19	BK23	1.28	BK90	BK115	1.39	BK45	BK62
1.03	BK70	BK72	1.11	BK77	BK85	1.19	BK65	BK77	1.28	BK19	BK25	1.40	BK65	BK90
1.03	BK65	BK67	1.11	BK95	BK105	1.19	BK80	BK95	1.28	BK26	BK34	1.40	BK115	BK160
1.03	BK27	BK28	1.11	BK25	BK28	1.19	BK34	BK45	1.29	BK47	BK60	1.40	BK47	BK65
1.03	BK60	BK62	1.11	BK34	BK40	1.20	BK48	BK57	1.29	BK60	BK77	1.40	BK52	BK72
1.04	BK26	BK27	1.11	BK47	BK52	1.20	BK23	BK28	1.29	BK32	BK46	1.40	BK72	BK100
1.04	BK25	BK26	1.11	BK65	BK72	1.20	BK28	BK34	1.29	BK70	BK90	1.40	BK30	BK47
1.04	BK55	BK57	1.11	BK90	BK100	1.20	BK40	BK50	1.30	BK52	BK67	1.41	BK25	BK36
1.04	BK24	BK25	1.11	BK72	BK80	1.20	BK52	BK62	1.30	BK62	BK80	1.41	BK100	BK140
1.04	BK23	BK24	1.11	BK24	BK27	1.20	BK67	BK80	1.30	BK85	BK110	1.41	BK32	BK50
1.04	BK77	BK80	1.12	BK45	BK50	1.20	BK100	BK120	1.30	BK48	BK62	1.41	BK75	BK105
1.04	BK22	BK23	1.12	BK32	BK36	1.20	BK46	BK55	1.31	BK100	BK130	1.41	BK48	BK67
1.04	BK50	BK52	1.12	BK23	BK26	1.21	BK75	BK90	1.31	BK77	BK100	1.41	BK55	BK77
1.04	BK72	BK75	1.12	BK85	BK95	1.21	BK60	BK72	1.31	BK24	BK32	1.41	BK22	BK32
1.04	BK48	BK50	1.12	BK60	BK67	1.21	BK22	BK27	1.31	BK27	BK36	1.42	BK50	BK70
1.04	BK115	BK120	1.12	BK67	BK75	1.21	BK50	BK60	1.31	BK50	BK65	1.42	BK57	BK80
1.05	BK46	BK48	1.12	BK22	BK25	1.21	BK36	BK48	1.31	BK36	BK52	1.42	BK85	BK120
1.05	BK67	BK70	1.12	BK30	BK34	1.21	BK26	BK32	1.32	BK65	BK85	1.43	BK19	BK28
1.05	BK110	BK115	1.12	BK40	BK47	1.21	BK95	BK115	1.32	BK46	BK60	1.43	BK26	BK40
1.05	BK45	BK47	1.13	BK80	BK90	1.22	BK62	BK75	1.32	BK55	BK72	1.43	BK67	BK95



# DRIVE RATIOS USING 5L, BP & BX BELTS IN BK SHEAVES

Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN
1.43	BK60	BK85	1.55	BK47	BK72	1.69	BK57	BK95	1.84	BK36	BK72	2.03	BK60	BK120
1.43	BK46	BK65	1.55	BK65	BK100	1.69	BK48	BK80	1.84	BK24	BK50	2.03	BK24	BK55
1.43	BK28	BK45	1.56	BK32	BK55	1.70	BK45	BK75	1.84	BK47	BK85	2.04	BK55	BK110
1.44	BK30	BK48	1.56	BK52	BK80	1.70	BK40	BK70	1.85	BK55	BK100	2.04	BK50	BK100
1.44	BK23	BK34	1.56	BK30	BK52	1.70	BK95	BK160	1.85	BK25	BK52	2.04	BK19	BK45
1.44	BK77	BK110	1.56	BK50	BK77	1.70	BK25	BK48	1.85	BK32	BK65	2.04	BK45	BK90
1.44	BK70	BK100	1.56	BK55	BK85	1.70	BK46	BK77	1.86	BK52	BK95	2.05	BK36	BK80
1.44	BK47	BK67	1.57	BK90	BK140	1.70	BK32	BK60	1.86	BK60	BK110	2.05	BK57	BK115
1.45	BK36	BK57	1.57	BK26	BK46	1.71	BK77	BK130	1.87	BK22	BK47	2.05	BK32	BK72
1.45	BK80	BK115	1.57	BK77	BK120	1.71	BK36	BK67	1.87	BK57	BK105	2.06	BK52	BK105
1.45	BK40	BK60	1.57	BK40	BK65	1.71	BK19	BK34	1.87	BK65	BK120	2.06	BK47	BK95
1.45	BK90	BK130	1.58	BK36	BK62	1.71	BK26	BK50	1.87	BK30	BK62	2.06	BK27	BK62
1.46	BK50	BK72	1.58	BK45	BK70	1.71	BK65	BK110	1.87	BK40	BK77	2.07	BK26	BK60
1.46	BK52	BK75	1.58	BK22	BK36	1.72	BK62	BK105	1.88	BK70	BK130	2.07	BK40	BK85
1.46	BK24	BK36	1.58	BK67	BK105	1.72	BK30	BK57	1.88	BK62	BK115	2.08	BK22	BK52
1.46	BK110	BK160	1.58	BK27	BK48	1.72	BK23	BK45	1.88	BK46	BK85	2.08	BK34	BK77
1.46	BK45	BK65	1.59	BK48	BK75	1.72	BK27	BK52	1.89	BK34	BK70	2.09	BK19	BK46
1.46	BK28	BK46	1.59	BK70	BK110	1.73	BK24	BK47	1.89	BK26	BK55	2.10	BK28	BK65
1.47	BK62	BK90	1.59	BK46	BK72	1.73	BK50	BK85	1.89	BK75	BK140	2.10	BK77	BK160
1.47	BK32	BK52	1.59	BK25	BK45	1.73	BK47	BK80	1.89	BK27	BK57	2.11	BK24	BK57
1.47	BK34	BK55	1.60	BK23	BK40	1.73	BK70	BK120	1.90	BK19	BK40	2.11	BK46	BK95
1.47	BK55	BK80	1.60	BK28	BK50	1.74	BK67	BK115	1.90	BK85	BK160	2.11	BK23	BK55
1.47	BK72	BK105	1.60	BK57	BK90	1.74	BK110	BK190	1.91	BK32	BK67	2.12	BK30	BK70
1.48	BK65	BK95	1.60	BK60	BK95	1.74	BK45	BK77	1.91	BK48	BK90	2.12	BK67	BK140
1.48	BK46	BK67	1.60	BK26	BK47	1.75	BK34	BK65	1.91	BK22	BK48	2.13	BK48	BK100
1.48	BK48	BK70	1.61	BK34	BK60	1.75	BK40	BK72	1.92	BK23	BK50	2.13	BK55	BK115
1.48	BK75	BK110	1.61	BK100	BK160	1.75	BK75	BK130	1.92	BK100	BK190	2.13	BK62	BK130
1.48	BK25	BK40	1.61	BK72	BK115	1.75	BK55	BK95	1.92	BK36	BK75	2.13	BK90	BK190
1.48	BK27	BK45	1.62	BK19	BK32	1.76	BK23	BK46	1.92	BK24	BK52	2.14	BK19	BK47
1.48	BK95	BK140	1.62	BK32	BK57	1.76	BK52	BK90	1.93	BK45	BK85	2.14	BK26	BK62
1.50	BK22	BK34	1.62	BK75	BK120	1.76	BK32	BK62	1.93	BK28	BK60	2.14	BK25	BK60
1.50	BK28	BK47	1.62	BK47	BK75	1.76	BK28	BK55	1.93	BK50	BK95	2.14	BK32	BK75
1.50	BK30	BK50	1.62	BK40	BK67	1.77	BK24	BK48	1.94	BK34	BK72	2.14	BK50	BK105
1.50	BK40	BK62	1.62	BK50	BK80	1.77	BK80	BK140	1.94	BK55	BK105	2.14	BK57	BK120
1.50	BK52	BK77	1.63	BK45	BK72	1.77	BK46	BK80	1.95	BK60	BK115	2.16	BK52	BK110
1.51	BK77	BK115	1.63	BK25	BK46	1.77	BK25	BK50	1.95	BK40	BK80	2.16	BK45	BK95
1.51	BK67	BK100	1.63	BK48	BK77	1.77	BK60	BK105	1.95	BK47	BK90	2.16	BK28	BK67
1.51	BK57	BK85	1.63	BK62	BK100	1.78	BK57	BK100	1.96	BK52	BK100	2.16	BK75	BK160
1.51	BK47	BK70	1.63	BK65	BK105	1.78	BK26	BK52	1.96	BK25	BK55	2.16	BK34	BK80
1.51	BK45	BK67	1.64	BK26	BK48	1.79	BK36	BK70	1.96	BK26	BK57	2.17	BK27	BK65
1.51	BK80	BK120	1.64	BK80	BK130	1.79	BK22	BK45	1.96	BK57	BK110	2.17	BK47	BK100
1.51	BK70	BK105	1.65	BK24	BK45	1.79	BK65	BK115	1.96	BK62	BK120	2.18	BK36	BK85
1.51	BK27	BK46	1.65	BK27	BK50	1.79	BK90	BK160	1.96	BK30	BK65	2.18	BK30	BK72
1.52	BK60	BK90	1.65	BK30	BK55	1.80	BK23	BK47	1.97	BK67	BK130	2.18	BK19	BK48
1.52	BK23	BK36	1.66	BK36	BK65	1.80	BK62	BK110	1.97	BK72	BK140	2.19	BK65	BK140
1.52	BK50	BK75	1.66	BK46	BK75	1.80	BK48	BK85	1.97	BK36	BK77	2.19	BK23	BK57
1.52	BK48	BK72	1.66	BK52	BK85	1.80	BK34	BK67	1.99	BK22	BK50	2.20	BK40	BK90
1.52	BK19	BK30	1.66	BK55	BK90	1.80	BK19	BK36	1.99	BK23	BK52	2.20	BK32	BK77
1.52	BK36	BK60	1.66	BK67	BK110	1.81	BK30	BK60	2.00	BK27	BK60	2.20	BK22	BK55
1.53	BK34	BK57	1.66	BK70	BK115	1.81	BK45	BK80	2.00	BK28	BK62	2.20	BK60	BK130
1.53	BK28	BK48	1.66	BK85	BK140	1.81	BK67	BK120	2.00	BK32	BK70	2.22	BK25	BK62
1.53	BK26	BK45	1.66	BK115	BK190	1.82	BK40	BK75	2.00	BK46	BK90	2.22	BK55	BK120
1.53	BK105	BK160	1.66	BK22	BK40	1.82	BK27	BK55	2.02	BK48	BK95	2.22	BK46	BK100
1.54	BK24	BK40	1.66	BK25	BK47	1.82	BK105	BK190	2.02	BK95	BK190	2.22	BK24	BK60
1.54	BK85	BK130	1.66	BK28	BK52	1.83	BK72	BK130	2.02	BK80	BK160	2.24	BK48	BK105
1.54	BK72	BK110	1.66	BK34	BK62	1.83	BK22	BK46	2.02	BK34	BK75	2.24	BK27	BK67
1.54	BK46	BK70	1.66	BK47	BK77	1.83	BK28	BK57	2.03	BK30	BK67	2.24	BK26	BK65
1.55	BK75	BK115	1.68	BK72	BK120	1.83	BK50	BK90	2.03	BK70	BK140	2.25	BK50	BK110
1.55	BK62	BK95	1.69	BK60	BK100	1.84	BK23	BK48	2.03	BK65	BK130	2.25	BK72	BK160
1.55	BK27	BK47	1.69	BK24	BK46	1.84	BK77	BK140	2.03	BK25	BK57	2.26	BK52	BK115

# DRIVE RATIOS USING 5L, BP & BX BELTS IN BK SHEAVES



Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN	Ratio	DR	DN
2.26	BK28	BK70	2.51	BK23	BK65	2.88	BK24	BK77	3.43	BK48	BK160	4.30	BK30	BK140
2.26	BK85	BK190	2.51	BK19	BK55	2.88	BK25	BK80	3.43	BK25	BK95	4.30	BK23	BK110
2.28	BK45	BK100	2.56	BK52	BK130	2.89	BK67	BK190	3.44	BK40	BK140	4.33	BK24	BK115
2.28	BK30	BK75	2.56	BK48	BK120	2.90	BK30	BK95	3.45	BK22	BK85	4.35	BK25	BK120
2.28	BK19	BK50	2.56	BK46	BK115	2.90	BK46	BK130	3.46	BK19	BK75	4.36	BK45	BK190
2.28	BK22	BK57	2.57	BK40	BK105	2.91	BK22	BK72	3.46	BK32	BK120	4.38	BK34	BK160
2.29	BK47	BK105	2.57	BK75	BK190	2.91	BK23	BK75	3.49	BK26	BK100	4.40	BK27	BK130
2.29	BK32	BK80	2.57	BK36	BK100	2.92	BK28	BK90	3.50	BK47	BK160	4.41	BK19	BK95
2.30	BK62	BK140	2.58	BK34	BK95	2.94	BK40	BK120	3.51	BK23	BK90	4.48	BK22	BK110
2.30	BK34	BK85	2.58	BK27	BK77	2.96	BK26	BK85	3.52	BK30	BK115	4.50	BK23	BK115
2.30	BK24	BK62	2.58	BK32	BK90	2.97	BK36	BK115	3.54	BK27	BK105	4.52	BK24	BK120
2.31	BK36	BK90	2.58	BK25	BK72	2.97	BK45	BK130	3.54	BK55	BK190	4.55	BK26	BK130
2.31	BK23	BK60	2.59	BK30	BK85	2.98	BK55	BK160	3.55	BK34	BK130	4.58	BK28	BK140
2.32	BK26	BK67	2.59	BK23	BK67	2.98	BK65	BK190	3.56	BK19	BK77	4.63	BK32	BK160
2.32	BK40	BK95	2.59	BK28	BK80	2.99	BK19	BK65	3.56	BK24	BK95	4.64	BK19	BK100
2.32	BK70	BK160	2.60	BK26	BK75	2.99	BK23	BK77	3.58	BK46	BK160	4.69	BK40	BK190
2.32	BK57	BK130	2.60	BK55	BK140	2.99	BK24	BK80	3.59	BK28	BK110	4.69	BK22	BK115
2.33	BK25	BK65	2.61	BK24	BK70	2.99	BK34	BK110	3.62	BK25	BK100	4.70	BK23	BK120
2.33	BK28	BK72	2.61	BK19	BK57	2.99	BK48	BK140	3.62	BK36	BK140	4.72	BK25	BK130
2.34	BK46	BK105	2.62	BK22	BK65	3.02	BK32	BK105	3.65	BK22	BK90	4.74	BK27	BK140
2.34	BK30	BK77	2.62	BK47	BK120	3.03	BK27	BK90	3.67	BK26	BK105	4.88	BK19	BK105
2.34	BK27	BK70	2.62	BK45	BK115	3.03	BK22	BK75	3.67	BK45	BK160	4.90	BK22	BK120
2.34	BK48	BK110	2.63	BK62	BK160	3.05	BK30	BK100	3.68	BK30	BK120	4.90	BK24	BK130
2.35	BK50	BK115	2.66	BK50	BK130	3.06	BK47	BK140	3.70	BK19	BK80	4.91	BK26	BK140
2.36	BK52	BK120	2.67	BK26	BK77	3.06	BK25	BK85	3.71	BK23	BK95	4.92	BK30	BK160
2.37	BK19	BK52	2.68	BK46	BK120	3.08	BK19	BK67	3.71	BK27	BK110	4.93	BK36	BK190
2.38	BK60	BK140	2.68	BK27	BK80	3.09	BK28	BK95	3.75	BK52	BK190	5.09	BK25	BK140
2.39	BK45	BK105	2.68	BK72	BK190	3.10	BK36	BK120	3.75	BK32	BK130	5.10	BK23	BK130
2.39	BK23	BK62	2.68	BK24	BK72	3.11	BK23	BK80	3.75	BK28	BK115	5.12	BK19	BK110
2.40	BK47	BK110	2.69	BK40	BK110	3.11	BK22	BK77	3.76	BK24	BK100	5.21	BK34	BK190
2.40	BK25	BK67	2.70	BK25	BK75	3.13	BK62	BK190	3.80	BK25	BK105	5.25	BK28	BK160
2.41	BK27	BK72	2.70	BK22	BK67	3.13	BK46	BK140	3.82	BK34	BK140	5.29	BK24	BK140
2.41	BK80	BK190	2.70	BK36	BK105	3.13	BK34	BK115	3.84	BK26	BK110	5.31	BK22	BK130
2.41	BK22	BK60	2.71	BK23	BK70	3.13	BK26	BK90	3.86	BK22	BK95	5.35	BK19	BK115
2.41	BK55	BK130	2.72	BK34	BK100	3.15	BK52	BK160	3.88	BK27	BK115	5.43	BK27	BK160
2.42	BK24	BK65	2.72	BK60	BK160	3.17	BK32	BK110	3.90	BK23	BK100	5.50	BK23	BK140
2.42	BK26	BK70	2.73	BK32	BK95	3.18	BK24	BK85	3.91	BK50	BK190	5.51	BK32	BK190
2.43	BK28	BK75	2.74	BK45	BK120	3.19	BK40	BK130	3.92	BK28	BK120	5.59	BK19	BK120
2.43	BK67	BK160	2.74	BK30	BK90	3.20	BK27	BK95	3.93	BK19	BK85	5.62	BK26	BK160
2.43	BK30	BK80	2.75	BK19	BK60	3.20	BK45	BK140	3.94	BK40	BK160	5.72	BK22	BK140
2.44	BK32	BK85	2.76	BK52	BK140	3.21	BK30	BK105	3.95	BK24	BK105	5.83	BK25	BK160
2.44	BK34	BK90	2.76	BK28	BK85	3.22	BK19	BK70	3.99	BK25	BK110	5.86	BK30	BK190
2.44	BK36	BK95	2.76	BK70	BK190	3.24	BK60	BK190	3.99	BK30	BK130	6.05	BK24	BK160
2.45	BK40	BK100	2.77	BK25	BK77	3.24	BK22	BK80	4.02	BK26	BK115	6.06	BK19	BK130
2.45	BK46	BK110	2.78	BK26	BK80	3.25	BK25	BK90	4.05	BK32	BK140	6.24	BK28	BK190
2.45	BK48	BK115	2.78	BK48	BK130	3.26	BK28	BK100	4.06	BK27	BK120	6.29	BK23	BK160
2.45	BK50	BK120	2.79	BK23	BK72	3.27	BK34	BK120	4.07	BK22	BK100	6.46	BK27	BK190
2.49	BK22	BK62	2.80	BK24	BK75	3.29	BK50	BK160	4.08	BK48	BK190	6.54	BK19	BK140
2.49	BK24	BK67	2.82	BK40	BK115	3.31	BK23	BK85	4.10	BK23	BK105	6.55	BK22	BK160
2.49	BK26	BK72	2.82	BK22	BK70	3.31	BK26	BK95	4.14	BK24	BK110	6.69	BK26	BK190
2.49	BK28	BK77	2.84	BK36	BK110	3.31	BK32	BK115	4.15	BK36	BK160	6.93	BK25	BK190
2.50	BK77	BK190	2.84	BK47	BK130	3.32	BK19	BK72	4.17	BK47	BK190	7.20	BK24	BK190
2.50	BK65	BK160	2.85	BK19	BK62	3.36	BK36	BK130	4.17	BK25	BK115	7.48	BK19	BK160
2.51	BK57	BK140	2.85	BK27	BK85	3.37	BK30	BK110	4.17	BK19	BK90	7.49	BK23	BK190
2.51	BK47	BK115	2.85	BK34	BK105	3.37	BK27	BK100	4.20	BK26	BK120	7.80	BK22	BK190
2.51	BK45	BK110	2.87	BK57	BK160	3.37	BK24	BK90	4.25	BK28	BK130	8.90	BK19	BK190
2.51	BK27	BK75	2.87	BK50	BK140	3.41	BK57	BK190	4.26	BK46	BK190			
2.51	BK25	BK70	2.88	BK32	BK100	3.42	BK28	BK105	4.27	BK22	BK105			





# HP RATINGS - 3L, 4L, 5L BELTS

	1750		3500	
	3L	4L	3L	4L
AK15	...	...	...	...
AK16	...	...	...	...
AK17	...	0.01	...	...
AK18	...	0.07	...	...
AK19	...	0.14	...	...
AK20	0.18	0.20	0.26	0.07
AK21	0.21	0.26	0.31	0.16
AK22	0.24	0.32	0.36	0.25
AK23	0.27	0.39	0.42	0.33
AK24	0.30	0.45	0.47	0.41
AK25	0.33	0.50	0.51	0.49
AK26	0.36	0.56	0.56	0.57
AK27	0.38	0.62	0.61	0.63
AK28	0.41	0.68	0.66	0.70
AK30	0.47	0.79	0.74	0.81
AK32	0.53	0.90	0.83	0.91
AK34	0.58	1.01	0.91	0.99
AK35	0.61	1.06	0.94	1.02
AK39	0.66	1.16	1.02	1.06
AK41	0.72	1.26	1.08	1.09
AK44	0.79	1.40	1.17	1.07
AK46	0.84	1.49	1.22	1.03
AK49		1.62		0.93
AK51		1.70		0.82
AK54		1.81		0.60
AK56		1.88		0.42
AK59		1.98		0.08
AK61		2.04		
AK64		2.12		
AK66		2.17		
AK69		2.23		
AK71		2.26		
AK74		2.30		

	1750		3500	
	4L	5L	4L	5L
BK19	...	...	...	...
BK22	0.07	...	...	...
BK23	0.14	...	...	...
BK24	0.20	0.03	0.07	...
BK25	0.26	0.14	0.16	...
BK26	0.32	0.24	0.25	...
BK27	0.39	0.34	0.33	...
BK28	0.45	0.44	0.41	0.14
BK30	0.56	0.64	0.57	0.45
BK32	0.68	0.84	0.70	0.74
BK34	0.79	1.04	0.81	1.02
BK36	0.90	1.23	0.91	1.28
BK40	1.01	1.42	0.99	1.53
BK45	1.16	1.70	1.06	1.86
BK46	1.21	1.79	1.08	1.97
BK47	1.26	1.88	1.09	2.07
BK48	1.31	1.97	1.09	2.16
BK50	1.40	2.15	1.07	2.34
BK52	1.49	2.32	1.03	2.49
BK55	1.62	2.58	0.93	2.69
BK57	1.70	2.75	0.82	2.79
BK60	1.81	2.99	0.60	2.91
BK62	1.88	3.15	0.42	2.96
BK65	1.98	3.38	0.08	2.98
BK67	2.04	3.53		2.97
BK70	2.12	3.75		2.91
BK72	2.17	3.89		2.83
BK75	2.23	4.10		2.66
BK77	2.26	4.23		2.52
BK80	2.30	4.42		2.24
BK85		4.71		1.63
BK90		4.98		0.82
BK95		5.22		
BK100		5.44		

Consult Factory

# HP RATINGS – “A & B” BELTS



	1750		3500	
	AP	AX	AP	AX
AK15	...	...	...	...
AK16	...	...	...	...
AK17	...	...	...	...
AK18	...	...	...	...
AK19	...	0.09	...	...
AK20	...	0.29	...	...
AK21	0.06	0.48	...	0.29
AK22	0.26	0.68	...	0.64
AK23	0.45	0.87	0.11	0.99
AK24	0.64	1.06	0.44	1.33
AK25	0.83	1.25	0.78	1.67
AK26	1.02	1.44	1.11	2.01
AK27	1.21	1.63	1.44	2.35
AK28	1.39	1.82	1.76	2.68
AK30	1.77	2.19	2.40	3.33
AK32	2.13	2.57	3.02	3.98
AK34	2.50	2.93	3.63	4.61
AK35	2.68	3.11	3.93	4.92
AK39	3.04	3.48	4.51	5.53
AK41	3.39	3.84	5.08	6.13
AK44	3.92	4.37	5.91	7.00
AK46	4.26	4.72	6.44	7.57
AK49	4.78	5.24	7.20	8.39
AK51	5.11	5.58	7.68	8.92
AK54	5.61	6.09	8.38	9.69
AK56	5.94	6.43	8.82	10.18
AK59	6.43	6.93	9.44	10.89
AK61	6.75	7.25	9.83	11.35
AK64	7.22	7.74	10.38	12.00
AK66	7.53	8.06	10.71	12.41
AK69	7.99	8.54	...	...
AK71	8.29	8.85	...	...
AK74	8.73	9.31	...	...

	1750				3500			
	AP	AX	BP	BX	AP	AX	BP	BX
BK19	...	...	...	...	...	...	...	...
BK22	...	...	...	...	...	...	...	...
BK23	...	0.09	...	...	...	...	...	...
BK24	...	0.29	0.16	...	...	...	...	...
BK25	0.06	0.48	...	0.48	...	0.29	...	...
BK26	0.26	0.68	...	0.78	...	0.64	...	0.20
BK27	0.45	0.87	...	1.09	0.11	0.99	...	0.75
BK28	0.64	1.06	...	1.40	0.44	1.33	...	1.29
BK30	1.02	1.44	0.37	2.01	1.11	2.01	...	2.36
BK32	1.39	1.82	0.95	2.61	1.76	2.68	...	3.41
BK34	1.77	2.19	1.53	3.21	2.40	3.33	0.73	4.44
BK36	2.13	2.57	2.10	3.81	3.02	3.98	1.65	5.45
BK40	2.50	2.93	2.66	4.40	3.63	4.61	2.55	6.44
BK45	3.04	3.48	3.50	5.27	4.51	5.53	3.86	7.89
BK46	3.21	3.66	3.78	5.56	4.80	5.83	4.28	8.36
BK47	3.39	3.84	4.05	5.85	5.08	6.13	4.69	8.82
BK48	3.57	4.01	4.32	6.14	5.36	6.42	5.10	9.28
BK50	3.92	4.37	4.87	6.71	5.91	7.00	5.89	10.18
BK52	4.26	4.72	5.40	7.28	6.44	7.57	6.65	11.06
BK55	4.78	5.24	6.20	8.12	7.20	8.39	7.74	12.33
BK57	5.11	5.58	6.72	8.67	7.68	8.92	8.43	13.15
BK60	5.61	6.09	7.50	9.49	8.38	9.69	9.40	14.32
BK62	5.94	6.43	8.00	10.04	8.82	10.18	10.00	15.07
BK65	6.43	6.93	8.76	10.84	9.44	10.89	10.85	16.15
BK67	6.75	7.25	9.25	11.37	9.83	11.35	11.37	16.83
BK70	7.22	7.74	9.98	12.16	10.38	12.00	12.08	17.80
BK72	7.53	8.06	10.46	12.68	10.71	12.41	12.51	18.41
BK75	7.99	8.54	11.17	13.45	...	...	...	...
BK77	8.29	8.85	11.63	13.95	...	...	...	...
BK80	8.73	9.31	12.31	14.70	...	...	...	...
BK85			13.42	15.92	...	...	...	...
BK90			14.48	17.11	...	...	...	...
BK95			15.51	18.26	...	...	...	...
BK100			16.48	19.38	...	...	...	...

## 3L, 4L, 5L BELT SERVICE FACTORS

Type of Driven Unit	Speed Ratio	
	Less Than 1.5	1.5 and Over
Fans and Blowers	1.0	0.9
Domestic Laundry Machines	1.1	1.0
Centrifugal Pumps	1.1	1.0
Generators	1.2	1.1
Rotary Compressors	1.2	1.1
Machine Tools	1.3	1.2
Reciprocating Pumps	1.4	1.3
Reciprocating Compressors	1.4	1.3
Wood Working Machines	1.4	1.3

## BELT SECTION SELECTION

Maximum Motor Ratings Single Groove	Use
1/2 hp	3L
1 hp	4L
3	5L
5	A
7.5	B

dual groove = 2 times single groove

## NEMA Minimum Motor Sheave Recommendation

Motor Horsepower	MOTOR RPM			
	870	1160	1750	3500
1/2	2.2	...	...	...
3/4	2.4	2.2	...	...
1	2.4	2.4	2.2	...
1-1/2	2.4	2.4	2.4	2.2
2	3.0	2.4	2.4	2.4
3	3.0	3.0	2.4	2.4
5	3.8	3.0	3.0	2.4
7-1/2	4.4	3.8	3.0	3.0
10	4.4	4.4	3.8	3.0
15	5.2	4.4	4.4	3.8
20	6.0	5.2	4.4	4.4
25	6.8	6.0	4.4	4.4
30	6.8	6.8	5.2	...
40	8.2	6.8	6.0	...
50	8.4	8.2	6.8	...
60	10.0	8.2	7.4	...
75	10.0	10.0	8.6	...
100	12.0	10.0	8.6	...
125	...	12.0	10.5	...
150	...	...	10.5	...
200	...	...	13.2	...
250	...	...	...	...
300	...	...	...	...

## Approximate Belt Length Calculation

$$BL = 1.571 (D1 + D2) + 2 CD$$

D1 & D2 = Sheave Diameters    CD = Center Distance

# SERVICE FACTOR – LIGHT-DUTY DRIVES USING A & B BELTING



## SERVICE FACTORS

DRIVEN MACHINE See Note 1	DRIVER					
	AC Normal Torque Electric Motor (NEMA Design A-B) See Note 2			AC High Torque Electric Motor (NEMA Design C-D) See Note 3		
	Intermittent Service See Note 4	Normal Service See Note 5	Continuous Service See Note 6	Intermittent Service See Note 4	Normal Service See Note 5	Continuous Service See Note 6
Agitators for Liquids . . . . .						
Blowers and Exhausters . . . . .						
Centrifugal Pumps and Compressors . . . . .	1.0	1.1	1.2	1.1	1.2	1.3
Conveyors (Light Duty) . . . . .						
Fans (up to 10 H.P.) . . . . .						
Belt Conveyors for Sand, Grain, etc. . . . .						
Fans (over 10 H.P.) . . . . .						
Generators . . . . .						
Laundry Machinery . . . . .						
Line Shafts . . . . .						
Machine Tools . . . . .	1.1	1.2	1.3	1.2	1.3	1.4
Mixers (Dough) . . . . .						
Positive Displacement Rotary Pumps . . . . .						
Printing Machinery . . . . .						
Punches-Presses-Shears See Note 1 . . . . .						
Revolving and Vibrating Screens . . . . .						
Blowers (Positive Displacement) . . . . .						
Brick Machinery . . . . .						
Compressors (Piston) See Note 1 . . . . .						
Conveyors (Drag-Pan-Screw) . . . . .						
Elevators (Bucket) . . . . .						
Exciters . . . . .	1.2	1.3	1.4	1.4	1.5	1.6
Hammer Mills . . . . .						
Paper Mill Beaters . . . . .						
Pulverizers . . . . .						
Pumps (Piston) . . . . .						
Saw Mill and Woodworking Machinery . . . . .						
Textile Machinery . . . . .						
Crushers (Giratory-Jaw-Roll) See Note 1 . . . . .						
Mills (Ball-Rod-Tube) See Note 1 . . . . .	1.3	1.4	1.5	1.5	1.6	1.8
Hoists See Note 1 . . . . .						
Rubber Calenders-Extruders-Mills See Note 1						

**Note 1** The Driven Machines listed above are representative samples only. When one of the sheaves of the drive is used as a flywheel to reduce speed fluctuations and equalize the energy exerted at the shaft or for applications involving impact or jam loads specially constructed sheaves may be required. Consult the manufacturer.

**Note 2** Included under this heading are the following electric motors: Synchronous and Squirrel Cage AC Normal Torque, AC Split Phase, DC Shunt Wound and Internal Combustion Engines.

**Note 3** Included under this heading are the following electric motors: AC High Torque, AC Hi-Slip, AC Repulsion, Induction, AC Single Phase Series Wound, AC Slip Ring and DC Compound Wound.

**Note 4** Intermittent Service refers to 3–5 hours of daily or seasonal operation.

**Note 5** Normal Service indicates 8–10 hours of daily operation.

**Note 6** Continuous Service refers to 16–24 hours of daily operation.

**Note 7** If idlers are used, add the following to the service factor.

Idler on slack side (inside)	None
Idler on slack side (outside)	0.1
Idler on tight side (inside)	0.1
Idler on tight side (outside)	0.2



# LIGHT-DUTY DRIVES A & B CORRECTION FACTORS

## SPEED ADD-ON CORRECTION

AP & AX Belts	RATIOS								
	1.00- 1.01	1.02- 1.05	1.06- 1.09	1.10- 1.14	1.15- 1.19	1.20- 1.29	1.30- 1.49	1.50- 1.99	2.00 & Over
Motor RPM									
1750	.00	.03	.07	.10	.13	.16	.20	.24	.27
3600	.00	.05	.13	.19	.26	.31	.39	.47	.54

BP & BX Belts	RATIOS								
	1.00- 1.01	1.02- 1.05	1.06- 1.09	1.10- 1.14	1.15- 1.19	1.20- 1.29	1.30- 1.49	1.50- 1.99	2.00 & Over
Motor RPM									
1750	.00	.06	.17	.25	.34	.41	.51	.62	.71
3600	.00	.12	.33	.50	.67	.81	1.01	1.24	1.41

## ARC OF CONTACT CORRECTION FACTOR

D-d C	Arc Contact Degree	Factor AC
0.000	180	1.000
0.025	179	0.997
0.050	177	0.994
0.075	176	0.990
0.100	174	0.987
0.125	173	0.983
0.150	171	0.980
0.175	170	0.977
0.200	169	0.973
0.225	167	0.969
0.250	166	0.966
0.275	164	0.962
0.300	163	0.958
0.325	161	0.954
0.350	160	0.951

D-d C	Arc Contact Degree	Factor AC
0.375	158	0.947
0.400	157	0.943
0.425	155	0.939
0.450	154	0.935
0.475	153	0.930
0.500	151	0.926
0.525	150	0.922
0.550	148	0.917
0.575	147	0.913
0.600	145	0.908
0.625	144	0.904
0.650	142	0.899
0.675	141	0.894
0.700	139	0.889
0.725	137	0.884

D-d C	Arc Contact Degree	Factor AC
0.750	136	0.879
0.775	134	0.874
0.800	133	0.869
0.825	131	0.864
0.850	130	0.858
0.875	128	0.852
0.900	127	0.847
0.925	125	0.841
0.950	123	0.835
0.975	122	0.829
1.000	120	0.823
1.025	118	0.816
1.050	117	0.810
1.075	115	0.803
1.100	113	0.796

D-d C	Arc Contact Degree	Factor AC
1.125	112	0.789
1.500	110	0.782
1.750	108	0.774
1.200	106	0.767
1.225	104	0.759
1.250	103	0.751
1.275	101	0.742
0.130	99	0.734
1.325	97	0.725
1.350	95	0.716
1.375	93	0.706
1.400	91	0.697
1.425	89	0.687

D = Large Diameter Sheave d = Small Diameter Sheave C = Center Distance

## BELT LENGTH CORRECTION FACTOR

Belt Number	Correction Factor LC
A26	.81
A31	.84
A35	.87
A38	.88
A42	.90
A46	.92
A51	.94
A55	.96
A60	.98
A68	1.00

Belt Number	Correction Factor LC
A75	1.02
A80	1.04
A85	1.05
A90	1.06
A96	1.08
A105	1.10
A112	1.11
A120	1.13
A128	1.14

Belt Number	Correction Factor LC
B35	.81
B38	.83
B42	.85
B46	.87
B51	.89
B55	.90
B60	.92
B68	.95
B75	.97
B81	.98

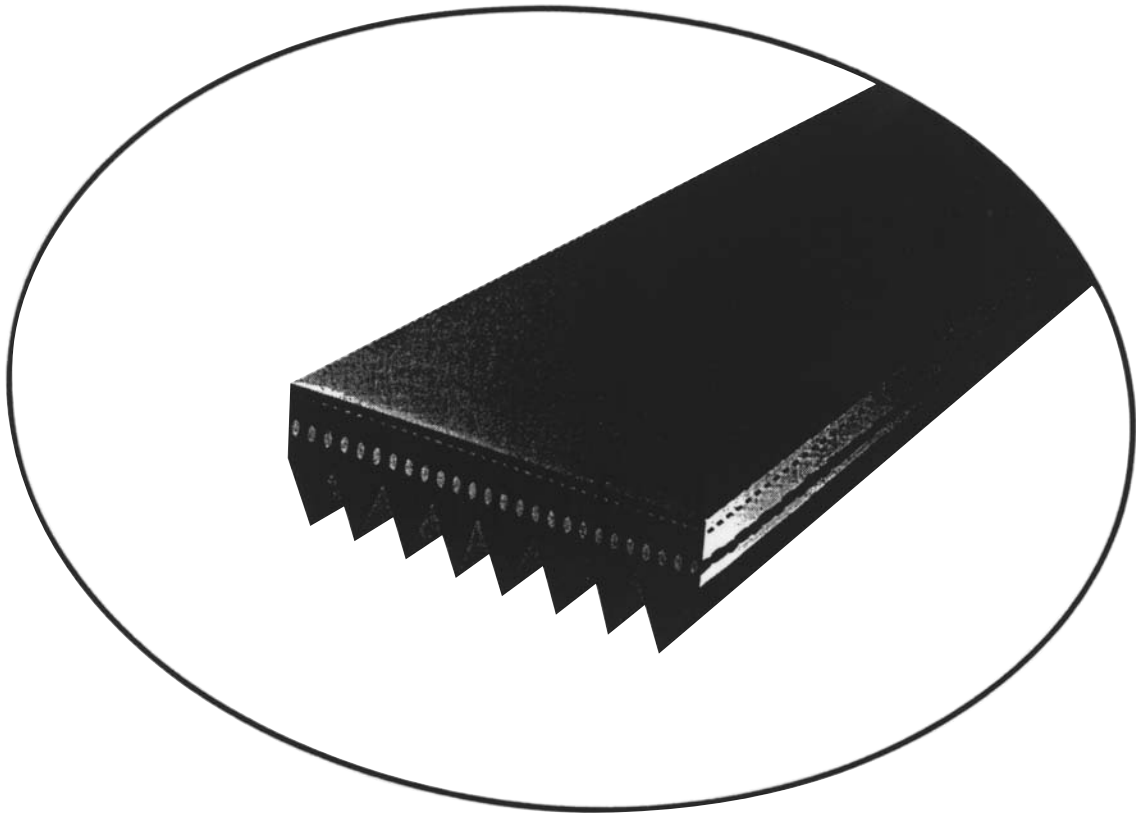
Belt Number	Correction Factor LC
B85	.99
B90	1.00
B97	1.02
B105	1.04
B112	1.05
B120	1.07
B128	1.08
B136	1.09
B144	1.11
B158	1.13

Belt Number	Correction Factor LC
B173	1.15
B180	1.16
B195	1.18
B210	1.19
B240	1.22
B270	1.25
B300	1.27

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# **POLY-V SHEAVES**

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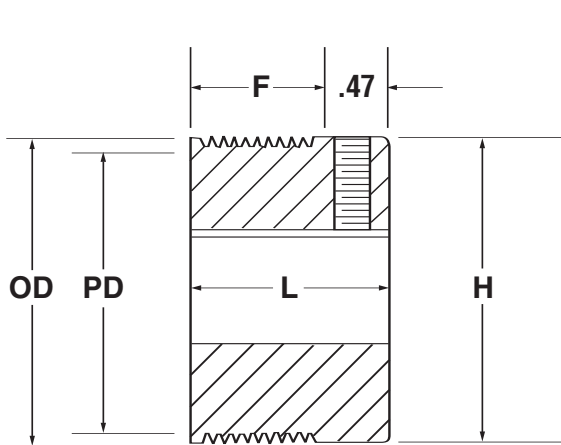
# BTS STOCK POLY-V SHEAVES

The below sheaves are all stock sizes

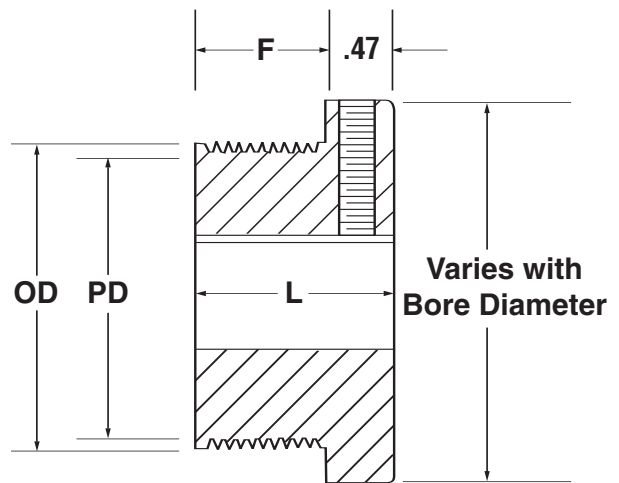
## DIMENSION (In Inches)

Product No.	P.D.	O.D.	L	H	6 GROOVES F = 23/32 BTS PARTS					Wt. Lbs.
					Bores					
					1/2*	5/8	3/4	7/8	1	
6J150	1.53	1.50	1 3/16	—	X	X	X		X	0.5
6J160	1.63	1.60	1 3/16	1.60	X	X	X			0.6
6J170	1.73	1.70	1 3/16	1.70	X					0.7
6J180	1.83	1.80	1 3/16	1.80	X	X	X			0.7
6J190	1.93	1.90	1 3/16	1.90	X	X	X	X		0.7

\* No Keyseat



**BTS  
Except 6J150**



**BTS  
6J150 Only**

# STOCK POLY-V SHEAVES



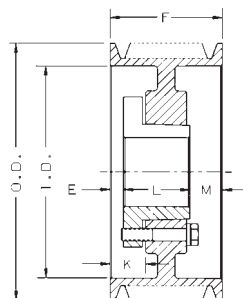
The sheaves listed below are all stock sizes. The dimensions given are with the Sure-Grip bushings in place. The figures following the letter in the "Type" column indicates the sheave construction: 1 - Solid; 2 - Web; 3 - Arms.

O.D.	P.D.	PRODUCT NO.	6 GROOVES						Wt. (lbs.)	PRODUCT NO.	10 GROOVES						Wt. (lbs.)
			F = 11/16								F = 1-3/32						
			E*	TYPE	BUSH	K	L	M			E*	TYPE	BUSH	K	L	M	
2.00	2.03	6J200	7/8	E1	JA	19/32	1	1 1/8	1.0	10J200	1 1/4	E1	JA	19/32	1	1 1/8	1.1
2.12	2.15	6J212	7/8	E1	JA	19/32	1	1 1/8	1.1	10J212	1 1/4	E1	JA	19/32	1	1 1/8	1.3
2.24	2.27	6J224	9/16	D1	JA	0	1	1/4	0.8	10J224	5/8	E1	JA	0	1	1/2	1.1
2.36	2.39	6J236	9/16	D1	JA	0	1	1/4	0.9	10J236	5/8	E1	JA	0	1	1/2	1.1
2.50	2.53	6J250	7/16	D1	JA	1/8	1	1/8	0.9	10J250	1/16	D1	JA	1/2	1	1/8	1.1
2.65	2.68	6J265	7/16	D1	JA	1/8	1	1/8	1.0	10J265	1/16	D1	JA	1/2	1	1/8	1.4
2.80	2.83	6J280	7/16	D1	JA	1/8	1	1/8	1.1	10J280	1/16	D1	JA	1/2	1	1/8	1.2
3.00	3.03	6J300	7/16	D1	JA	1/8	1	1/8	1.3	10J300	1/16	D1	JA	1/2	1	1/8	1.8
3.15	3.18	6J315	7/16	D1	JA	1/8	1	1/8	1.4	10J315	1/16	D1	JA	1/2	1	1/8	1.6
3.35	3.38	6J335	7/16	D1	JA	1/8	1	1/8	1.5	10J335	3/8	D1	SH	5/16	1 1/4	1/8	2.1
4.50	4.53	6J450	11/16	D1	SH	0	1 1/4	1/16	3.5	10J450	3/8	D1	SH	5/16	1 1/4	3/16	3.5
6.00	6.03	6J600	11/16	D1	SH	0	1 1/4	1/16	4.3	10J600	3/8	D2	SH	11/32	1 1/4	1/8	5.0
8.00	8.03	6J800	11/16	D2	SH	0	1 1/4	1/8	5.7	10J800	3/8	D2	SH	11/32	1 1/4	1/8	5.0
10.60	10.63	6J1060	11/16	D3	SH	0	1 1/4	1/8	6.9	10J1060	11/16	C3	SK	1/4	1 7/8	1/8	13.2
14.00	14.03	6J1400	15/16	C3	SK	0	1 7/8	1/4	15.6	10J1400	11/16	C3	SK	1/4	1 7/8	1/4	19.2
19.00	19.03	6J1900	15/16	C3	SK	0	1 7/8	1/4	23.7	10J1900	11/16	C3	SK	1/4	1 7/8	1/4	26.3

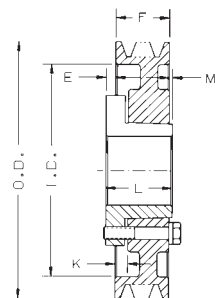
O.D.	P.D.	PRODUCT NO.	16 GROOVES						Wt. (lbs.)
			E*	TYPE	BUSH	K	L	M	
2.50	2.53	16J250	21/32	E1	JA	15/32	1	0	1.5
2.65	2.68	16J265	0	D1	JA	1/2	1	11/16	1.4
2.80	2.83	16J280	1/16	D1	JA	1/2	1	3/4	1.5
3.00	3.03	16J300	11/16	D1	SH	0	1 1/4	1	2.6
3.15	3.18	16J315	11/16	D1	SH	0	1 1/4	1	2.7
3.35	3.38	16J335	3/16	A1	SH	7/8	1 1/4	1/8	2.4
4.50	4.53	16J450	3/16	A1	SH	7/8	1 1/4	1/8	4.0
6.00	6.03	16J600	3/16	A2	SH	15/16	1 1/4	1/8	4.6
8.00	8.03	16J800	5/8	D3	SK	15/16	1 7/8	3/8	12.4

\*"E" Dimension varies according to shaft tolerance.

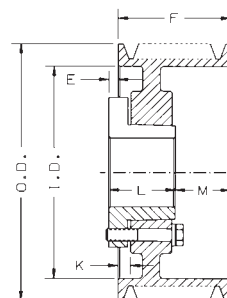
Weights for all Sure-Grip bushed items are approximate and include the bushing.



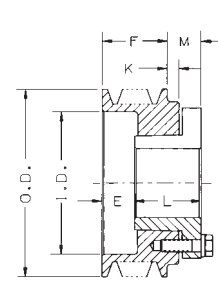
Type A



Type C



Type D



Type E

Contact TB Wood's Incorporated for quotes on other belt sections and configurations.



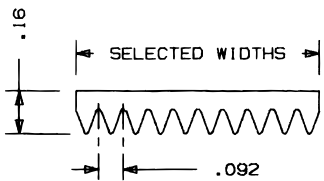
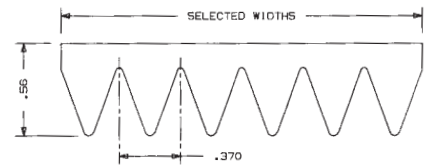
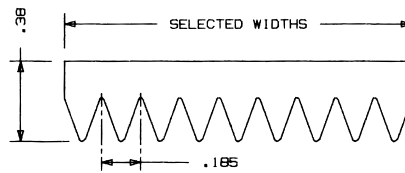
# POLY-V BELTING LENGTHS

The following belts are NOT stocked, but are readily available.

"J" CROSS-SECTION	
PRODUCT NUMBER	OUTSIDE LENGTH
180J	18.5
190J	19.5
200J	20.5
220J	22.5
240J	24.5
260J	26.5
280J	28.5
290J	29.5
300J	30.5
310J	31.5
320J	32.5
340J	34.5
360J	36.5
380J	38.5
400J	40.5
410J	41.5
420J	42.5
430J	43.5
460J	46.5
490J	49.5
520J	52.5
550J	55.5
580J	58.5
610J	61.5
650J	65.5
690J	69.5
730J	73.5
770J	77.5
820J	82.5
840J	84.5
870J	87.5
890J	89.5
920J	92.5

"L" CROSS-SECTION	
PRODUCT NUMBER	OUTSIDE LENGTH
500L	51.0
540L	55.0
560L	57.0
595L	60.5
615L	62.5
635L	64.5
655L	66.5
695L	70.5
725L	73.5
765L	77.5
780L	79.0
795L	80.5
815L	82.5
840L	85.0
865L	87.5
915L	92.5
975L	98.5
990L	100.0
1065L	107.5
1120L	113.0
1150L	116.0
1215L	122.5
1230L	124.0
1295L	130.5
1310L	132.0
1455L	146.5

"M" CROSS-SECTION	
PRODUCT NUMBER	OUTSIDE LENGTH
900M	92.0
940M	96.0
990M	101.0
1060M	108.0
1150M	117.0
1185M	120.0
1230M	125.0
1310M	133.0
1390M	141.0
1470M	149.0
1550M	157.0
1610M	163.0
1650M	167.0
1760M	178.0
1830M	185.0
1980M	200.0
2130M	215.0
2410M	243.0
2560M	258.0
2710M	273.0
3010M	303.0
3310M	333.0
3610M	363.0



	NUMBER OF RIBS - BELT WIDTH								
	4	6	8	10	12	14	16	18	20
"J"	3/8	9/16	NS	15/16	NS	NS	1 1/2	NS	NS
"L"	NS	1 1/8	1 1/2	1 7/8	2 1/4	2 5/8	3	3 3/8	3 3/4
"M"	NS	1 1/4	3	3 3/4	4 1/2	5 1/4	6 1/2	6 3/4	7 1/2

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# **SURE-GRIP<sup>®</sup>**

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# **PULLEYS**

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## Dimensions (in inches)

Diameter	I.D.	2" FACE ■						2-3/4" FACE*						3-1/4" FACE*					
		DIMENSIONS					Wt.	DIMENSIONS					Wt.	DIMENSIONS					Wt.
		E	Type †	Bush.	L	M		E	Type †	Bush.	L	M		E	Type †	Bush.	L	M	
4	3.50	...	...	...	...	...	...	1/2	A1	SD	1-13/16	7/16	5.1	1/2	A1	SD	1-13/16	15/16	5.4
5	4.50	...	...	...	...	...	...	1/2	A1	SD	1-13/16	7/16	7.7	1/2	A1	SD	1-13/16	15/16	6.5
6	5.50	1/16	A3	SH	1-1/4	11/16	4.6	1/2	A2	SD	1-13/16	7/16	7.9	1/2	A2	SD	1-13/16	15/16	7.2
7	6.50	1/16	A3	SH	1-1/4	11/16	5.1	1/2	A3	SD	1-13/16	7/16	7.3	1/2	A3	SD	1-13/16	15/16	7.9
8	7.50	1/16	A3	SH	1-1/4	11/16	5.7	1/2	A3	SD	1-13/16	7/16	8.4	1/2	A3	SD	1-13/16	15/16	9.8
9	8.50	1/16	A3	SH	1-1/4	11/16	6.3	1/2	A3	SD	1-13/16	7/16	8.9	1/2	A3	SD	1-13/16	15/16	10.0
10	9.50	1/16	A3	SH	1-1/4	11/16	7.5	1/2	A3	SD	1-13/16	7/16	12.1	1/2	A3	SD	1-13/16	15/16	13.1
11	10.44	1/16	A3	SH	1-1/4	11/16	9.0	1/2	A3	SD	1-13/16	7/16	14.0	1/2	A3	SD	1-13/16	15/16	13.2
12	11.44	1/16	A3	SH	1-1/4	11/16	11.1	1/2	A3	SD	1-13/16	7/16	16.5	3/4	A3	SD	1-13/16	11/16	17.4
14	13.38	0	A3	SDS	1-5/16	11/16	14.0	7/16	A3	SF	2	5/16	22.5	11/16	A3	SF	2	9/16	25.4
16	15.38	0	A3	SDS	1-5/16	11/16	16.6	7/16	A3	SF	2	5/16	25.3	11/16	A3	SF	2	9/16	37.9
18	17.38	...	...	...	...	...	...	0	A3	SF	2	3/4	28.2	1/4	A3	SF	2	1	34.0
20	19.31	...	...	...	...	...	...	0	A3	SF	2	3/4	35.5	1/4	A3	SF	2	1	43.0
24	23.31	...	...	...	...	...	...	...	...	...	...	...	...	1/4	A3	SF	2	1	50.0

Diameter	I.D.	4-1/4" FACE*						5-1/4" FACE*						6-3/8" FACE*						
		DIMENSIONS					Wt.	DIMENSIONS					Wt.	DIMENSIONS					Wt.	
		E	Type †	Bush.	L	M		E	Type †	Bush.	L	M		E	Type †	Bush.	L	M		
4	3.50	1/2	A1	SD	1-13/16	1-15/16	6.1	...	...	...	...	...	...	...	...	...	...	...	...	...
5	4.50	1/2	A1	SD	1-13/16	1-15/16	8.9	...	...	...	...	...	...	...	...	...	...	...	...	...
6	5.50	5/8	A2	SD	1-13/16	1-13/16	8.4	9/16	A1	SF	2	2-11/16	14.0	9/16	A1	SF	2	3-13/16	15.0	
7	6.50	5/8	A3	SD	1-13/16	1-13/16	9.8	9/16	A2	SF	2	2-11/16	17.3	9/16	A1	SF	2	3-13/16	19.8	
8	7.50	5/8	A3	SD	1-13/16	1-13/16	10.7	9/16	A2	SF	2	2-11/16	15.5	9/16	A2	SF	2	3-13/16	16.9	
9	8.50	13/16	A3	SD	1-13/16	1-5/8	11.9	3/4	A3	SF	2	2-1/2	19.3	3/4	A2	SF	2	3-5/8	22.4	
10	9.50	13/16	A3	SD	1-13/16	1-5/8	15.4	3/4	A3	SF	2	2-1/2	19.2	3/4	A3	SF	2	3-5/8	21.0	
11	10.44	13/16	A3	SD	1-13/16	1-5/8	17.6	3/4	A3	SF	2	2-1/2	31.1	3/4	A3	SF	2	3-5/8	28.7	
12	11.44	1-3/16	A3	SF	2	1-1/16	23.0	1-1/4	A3	SF	2	2	27.3	1-3/4	A3	SF	2	2-5/8	28.4	
14	13.38	1-3/16	A3	SF	2	1-1/16	28.5	1-1/4	A3	SF	2	2	36.3	1-3/4	A3	SF	2	2-5/8	34.2	
16	15.38	1-3/16	A3	SF	2	1-1/16	32.3	1-1/4	A3	SF	2	2	38.3	1-3/4	A3	SF	2	2-5/8	41.3	
18	17.38	3/4	A3	SF	2	1-1/2	39.0	1-1/4	A3	SF	2	2	42.6	1-3/4	A3	SF	2	2-5/8	47.2	
20	19.31	3/4	A3	SF	2	1-1/2	43.4	1-1/4	A3	SF	2	2	51.5	1-3/4	A3	SF	2	2-5/8	57.5	
24	23.31	3/4	A3	SF	2	1-1/2	65.2	31/32	A3	E	2-5/8	1-21/32	69.6	1-15/32	A3	E	2-5/8	2-9/32	88.5	

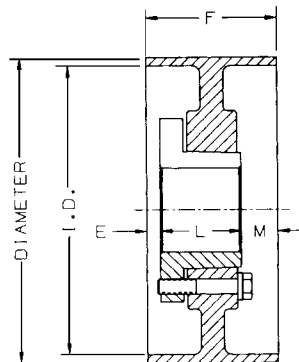
Weights for all Sure-Grip bushed items are approximate and include the bushing.

\* When ordering it is necessary to specify if face is to be S = Straight or C = Crown.

■ The 2" face width is available with straight face only.

† Type refers to construction:

A1 – Solid, A2 – Web, A3 – Arms



Type A

## Dimensions (in inches)

Diameter	I.D.	8-3/8" FACE*						10-1/2" FACE*						12-1/2" FACE*					
		DIMENSIONS					Wt.	DIMENSIONS					Wt.	DIMENSIONS					Wt.
		E	Type †	Bush.	L	M		E	Type †	Bush.	L	M		E	Type †	Bush.	L	M	
8	7.50	1-3/32	A1	E	2-5/8	4-21/32	32.4	...	...	...	...	...	...	...	...	...	...	...	...
9	8.50	1-15/32	A2	E	2-5/8	4-9/32	33.8	...	...	...	...	...	...	...	...	...	...	...	...
10	9.50	1-15/32	A2	E	2-5/8	4-9/32	38.1	1-15/32	A2	E	2-5/8	6-13/32	45.8	...	...	...	...	...	...
11	10.44	1-15/32	A3	E	2-5/8	4-9/32	40.6	1-15/32	A2	E	2-5/8	6-13/32	53.8	...	...	...	...	...	...
12	11.44	2-15/32	A3	E	2-5/8	3-9/32	39.7	3-15/32	A3	E	2-5/8	4-13/32	52.8	3-7/16	A2	J	4-1/2	4-9/16	94.8
14	13.38	2-15/32	A3	E	2-5/8	3-9/32	49.4	3-15/32	A3	E	2-5/8	4-13/32	65.7	3-7/16	A3	J	4-1/2	4-9/16	107.9
16	15.38	2-15/32	A3	E	2-5/8	3-9/32	60.8	3-15/32	A3	E	2-5/8	4-13/32	80.0	3-7/16	A3	J	4-1/2	4-9/16	117.4
18	17.38	2-15/32	A3	E	2-5/8	3-9/32	69.3	2-7/16	A3	J	4-1/2	3-9/16	110.8	3-7/16	A3	J	4-1/2	4-9/16	132.0
20	19.31	2-15/32	A3	E	2-5/8	3-9/32	75.6	2-7/16	A3	J	4-1/2	3-9/16	122.8	3-7/16	A3	J	4-1/2	4-9/16	151.1
24	23.31	2-15/32	A3	E	2-5/8	3-9/32	104.2	2-7/16	A3	J	4-1/2	3-9/16	152.5	3-7/16	A3	J	4-1/2	4-9/16	175.5

Weights for all Sure-Grip bushed items are approximate and include the bushing.

\* When ordering it is necessary to specify if face is to be S = Straight or C = Crown.

† Type refers to construction:

A1 – Solid, A2 – Web, A3 – Arms

### Ordering Example

16838S = 16.0 O.D. x 8-3/8 Straight Face

16838C = 16.0 O.D. x 8-3/8 Crown Face



## SPECIFICATIONS

The flexibility of Wood's engineering, foundry and machine shop facilities allows us to design and manufacture special non-standard sheaves and pulleys to meet a variety of customer requirements. Sheaves and pulleys up to 108 inches O.D., with any face width can be built to customer designs or can be designed by Wood's experienced engineers to customer specification.

### BALANCE

**STATIC** – All sheaves and pulleys are statically (one plane) balanced.

**DYNAMIC** – The need for dynamic (two plane) balance is based on both rim speed and face width.

All pulleys and sheaves are given either a static or dynamic balance which is equal to or better than the standards established by The Mechanical Power Transmission Association.

### BELT LOADS

Single arm pulleys, with standard rims, are designed for 80 lbs. maximum effective belt tension per inch of width. Multiple arm pulleys are designed for and have rims for 120 lbs. maximum effective belt tension per inch of width (extra heavy construction). Both single arm and multiple arm pulleys can be furnished for belts having higher effective tensions than indicated above. See table below.

Effective Tension	Construction
80 lb.	DB
120 lb.	XH
160 lb.	XXH
200 lb.	XXXH
over 200 lb.	Special

If pulley is used with Nylon belting imposed belt loads or manufacturer's belt code, belt width, horsepower, rpm, and installation tension must be furnished to establish construction needed.

### BORE

Sheaves and pulleys may be furnished bored-to-size or with mating hubs to accept Sure-Grip bushings at slight extra cost. Sure-Grip bushings are equivalent to a press fit and are preferable to straight machined bores. Straight machined bores, unless otherwise specified, are furnished with tolerances in accordance to MPTA standards. Actual tolerances will be furnished upon application for the specific hub length and bore size.

### CAST IRON

Unless specified otherwise, all made-to-order sheaves and pulleys are constructed of fine grain, high tensile cast iron, and have been carefully engineered to assure maximum performance. Wood's cast iron sheaves and pulleys are designed for safe operation up to 6500 feet per minute rim speed.

### CONSTRUCTION

The number and type of arms, including web centers, is determined by the diameter, face width, rim speed and type of service for which the sheave or pulley is intended. Split pulleys to operate at rim speeds of 4,000 fpm and faster must be made split-thru-the-arm construction. All ductile iron split-type pulleys are furnished only with split-thru-the-arm construction.

For heavy-duty application and where specifications are such that arm construction cannot be used, web center construction is recommended.



Solid



Clamp Hub



Split



Split Thru Arm

## SPECIFICATIONS

### CONVEYOR PULLEYS

Conveyor head and tail pulleys may be furnished in any width and with crowned or straight faces. In specifying your requirements, give both the desired face width and the actual belt width.

#### CROWN

All pulleys are furnished with standard crowns unless otherwise specified. The height of this crown equals .008 times the face width with a maximum height of .2". The crown is either a round or a modified round crown on all pulleys up to and including 36" diameter. Straight taper crowns are furnished on pulleys over 36" O.D. Straight faced pulleys can be supplied at no additional cost when specified with order.



#### DIAMETER

Pulleys are specified by nominal outside diameter measured at the highest point of the crown. Nominal diameters generally finish smaller than diameters listed compensating for belt thickness in speed calculations. Diameters will vary in accordance with the following tolerances.

Sheaves are specified according to pitch diameter. They are available in all standard Classical and Narrow cross sections in diameters ranging up to 108" O.D. All sheaves are machined to industry tolerances.

Exact diameters to closer tolerances can be furnished at additional cost when so specified. Sheaves and pulleys are available in any diameter up to and including 108" O.D. Pulley diameters are usually specified in increments of inches, but fractional inch diameters are also available.

### DUCTILE IRON

When specified or when an application requires it, Ductile Iron can be furnished instead of Cast Iron. Alloy 80-55-06 "as cast" Ductile Iron is furnished unless otherwise specified. Alloy 65-45-12 "as cast" or "annealed" can be furnished for maximum toughness on shock loaded applications; and alloy 100-70-03 "as cast" can be supplied when maximum tensile strength is required. A limiting rim speed of 10,000 FPM is normally applied to all Ductile Iron products.

### FLYWHEELS

Flywheels to provide any desired  $WR^2$  can be supplied with a variety of features. Special programs for our engineering computer helps Wood's designers provide prompt assistance with flywheel design.

The  $WR^2$ , [(flywheel effect) = Wt. (lbs.) x mean radius (feet) square], of standard pulleys will be given upon application. If additional flywheel effect is required on a pulley or sheave, additional weight can be added to the rim to obtain the desired  $WR^2$ . The approximate rim weight from which the approximate  $WR^2$  can be calculated is determined as follows: Mean diameter (inches) x width (inches) x thickness (inches) x .82 = Weight, lbs.



## SPECIFICATIONS

### HUBS

Diameter of cast iron sheave and pulley hubs are proportioned to diameter, face, bore and conditions of service. Lengths of cast iron sheave and pulley hubs vary in accordance with construction but usually equal approximately two-thirds of the face width; the exception being for pulleys or sheaves with face widths less than 3", then the hub length is greater than two-thirds of the face width. Exact diameter and length of a specific pulley or sheave hub will be furnished upon application.

### IDLERS

Idler pulleys and sheaves are available on special order for either porous bronze bushings or ball bearings. RPM, radial load, length and location of hub should be specified on the order. Sure-Grip idler bushings can be used for idler service.

### KEYSEAT

Pulleys and sheaves, when bored-to-size, are furnished with one keyseat and two setscrews, one over the key, the other at 90°. The size of the keyseat will be to MPTA Standard unless otherwise specified. Special and additional keyseats, straight or tapered, can be supplied when specified. When two keyseats are required, they will be located 180° apart unless otherwise specified. However, if pulleys are of split construction, they must be 180° apart.

### LAGGED PULLEYS

Rubber lagging of 65-70 durometer with a minimum thickness of 1/4-inch can be furnished vulcanized to the pulley. The type of rubber and thickness will be furnished to customer specifications.



### SPEEDS

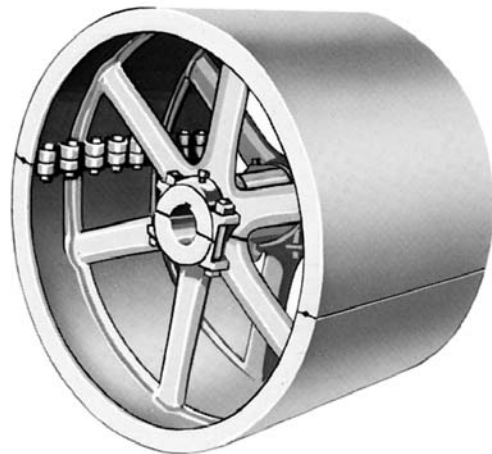
Sheaves and pulleys made in solid cast iron construction may be run safely at rim speeds up to 6500 fpm. For rim speeds above 6500 fpm, ductile iron is required.

Dynamic balance may be required for safe operation at these speeds depending upon face width or number of grooves.

Limiting rim speed for cast iron pulleys of split-between-the-arms construction is 4000 fpm; for split-thru-the-arm construction, 6000 fpm. Limiting rim speed for Wood's ductile iron split-thru-the-arm construction pulleys is 10,000 fpm.

### TAPER CONE PULLEYS

Taper cone pulleys are built to customer specifications in cast or ductile iron and with any hub and arm design.



### V-FLAT PULLEYS

Straight face cast iron pulleys are suitable for use with V-belts on V-flat drives. Standard pulleys can be used with "A", "B" and "C" belts. Extra heavy pulleys must be used with "D" and "E" V-belts.

# Altra Industrial Motion

## **Warner Electric**

*Electromagnetic Clutches and Brakes - USA*

South Beloit, IL  
815-389-3771

For application assistance:  
1-800-825-9050

*Electromagnetic Clutches and Brakes - Europe*

St Barthelemy d'Anjou, France  
+33 (0)2 41 21 24 24

For sales office:  
+33 (0)2 41 21 24 76

*Precision Electric Coils and Electromagnetic Clutches and Brakes - USA*

Columbia City, IN  
260-244-6183

## **Inertia Dynamics**

*Spring Set Brakes; Power On and Wrap Spring Clutch/Brakes*

Torrington, CT  
860-482-4444

## **Matrix International**

*Electromagnetic Clutches and Brakes, Pressure Operated Clutches and Brakes*

Brechin, Scotland  
+44 (0) 1356 602000

U.S.  
815-389-3771

## **Warner Linear**

*Linear Actuators and Guideways - USA*

Belvidere, IL  
815-547-1106

For application assistance:  
1-800-825-9050

## **TB Wood's**

*V-Belt Drives, Synchronous Drives, Flexible Couplings, Variable Frequency AC Drives*

Chambersburg, PA  
717-264-7161

For assistance:  
1-888-829-6637  
Press #5 – Customer Service  
Press #7 – Mechanical Applications  
Press #8 – Electronic Applications

## **Wichita Clutch and Industrial Clutch**

*Pneumatic and Oil Immersed Clutches and Brakes - USA*

Wichita Falls, TX  
940-723-3400

*Pneumatic Clutches and Brakes - Europe*

Bedford, England  
+44 (0)1234 350311

## **Twiflex Limited**

*Caliper Brakes and Thrusters*

Twickenham, England  
+44 (0) 20 8894 1161

## **Formsprag Clutch**

*Overrunning Clutches and Holdbacks*

Warren, MI  
586-758-5000

For application assistance:  
1-800-927-3262

## **Marland Clutch**

*Roller Ramp and Sprag Type Overrunning Clutches and Backstops*

Burr Ridge, IL  
630-455-1752

## **Stieber Clutch**

*Overrunning Clutches and Holdbacks*

Heidelberg, Germany  
+49 (0)6221 30 47 0

## **Boston Gear**

*Enclosed and Open Gearing, Electrical and Mechanical P.T. Components*

Charlotte, NC  
704-688-7300  
For customer service:  
1-800-825-6544

For application assistance:  
1-800-816-5608

## **Huco Dynatork**

*Precision Couplings and Air Motors*

Hertford, England  
+44 (0) 1992 501900

U.S.  
800-825-6544

## **Ameridrives Couplings**

*Gear Couplings, Mill Spindles, Universal Joints*

Erie, PA  
814-480-5000

## **Bibby Transmissions**

*Disc, Gear, Grid Couplings, Overload Clutches*

Dewsbury, England  
+44 (0) 1924 460801

## **Nuttall Gear and Delroyd Worm Gear**

*Worm Gear and Helical Speed Reducers*

Niagara Falls, NY  
716-298-4100

## **Saftek Friction**

*Non-asbestos Brake and Clutch Materials*

Telford, England  
+44 (0) 1952 581122

## **Altra Industrial Motion - Asia Pacific and Africa**

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An Altra Industrial Motion Company

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