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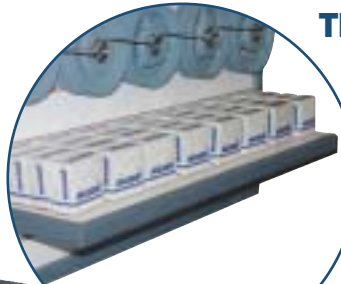
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NOTE: All dimensions are subject to change without prior notice

Introducing a new Display Unit for showcasing Maska products

48" h X 33" w, hardware
to attach to wall not included.



This 1-sided wall unit, with a detachable bottom shelf, is offered with a selection of our popular light-duty sheaves & QD bushings.

Or you can "Do-it-yourself" and put together a display with your best-selling Maska products.



(Example)

1. Light-Duty Sheaves & Bushings

Includes board, shelf, parts, pegs & labels:
DIS-W1-COMplete (items listed on facing page)

2. Do-it-yourself (shelf optional)

Includes board and 40 4" pegs: DIS-W-BOARD
With shelf: DIS-W-SHELF

Check these high quality features...



Ductile or Gray

TAPERED, PRECISION FIT.

Precision machining of the tapered bore in the hub of the "QD" rim and the tapered mating surface of the bushing insures a snug, precision fit between rim and bushing. Tightening the cap screws draws the sheave up tight on the bushing - Maska "QD" Bushings and Sheaves are true running.

FULL - NOT PARTIAL SPLIT.

This feature, together with the tapered, precision fit of rim and bushing, enables the "QD" Bushing to compress evenly around the entire circumference of the shaft, gripping it with tremendous pressure, the equivalent of a press fit on the shaft. And the full split makes it just as easy to install "QD" Sheaves on all standard size shafts as it is to install them on shafts which may be slightly oversized or slightly undersized.

EASY TO INSTALL, EASY TO REMOVE.

To install Maska "QD" Sheaves, the cap screws are used as pull-wrench only - no additional leverage is necessary. To remove "QD" Sheaves, the cap screws are taken out and used as jack screws. A few quick turns on each screw, and the tight grip of the bushing on the shaft is easily broken.

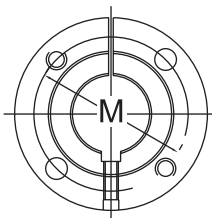
SET SCREW OVER THE KEY.

Once the correct position of the "QD" Sheave on the shaft is determined, tightening the set screw in the bushing head down on the key will hold the bushing in this position while the pull-up bolts are tightened. This set screw holds the key in place on the shaft during drive operation - an especially desirable feature on drives that have vertical shafts. Available on all "QD" bushings except W AND S.

FULLY INTERCHANGEABLE WITH OTHER "QD" BUSHINGS.

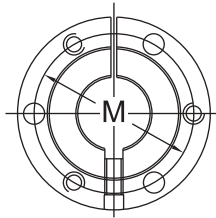
As in the case of Maska "QD" Sheaves, the "QD" Bushings also conform to standardized "QD" dimensions and sheave types. Because of this feature, any "QD" Stock Bushing may be interchanged with the same size bushing that other "QD" manufacturers produce.

"QD" BUSHING DIMENSIONS

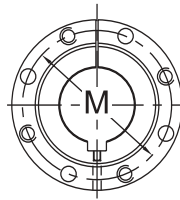


Bushing
"L"

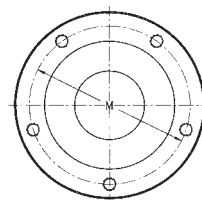
("H" - Cross Reference)



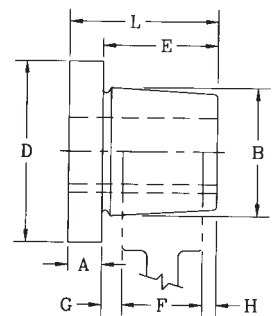
Bushings
"JA" to "J"
Inclusive



Bushing
"M" to "W"
Inclusive



Bushing
"S"



TAPER 3/4" PER FT
ON DIAMETER - B -

Bush- ing	List Price	Dimensions, Inches									Cap Screws Required NC Grade 5	Set Screw Dimensions	Bore Range		Approx. Weight Pounds
		A	B	D	E	F	G	H	L	M			MIN	MAX	
L(*)	9.00	11/32	1 5/8	2 1/2	1	29/32	3/16	-3/32	1 11/32	2	2=1/4X7/8	10-24 UNC x 1/4"	3/8	1 1/2	0.7
JA(*)	10.90	5/16	1 3/8	2	11/16	5/8	13/64	-9/64	1	1 21/32	3=10-24X1	10-24 UNC x 1/4"	1/2	1 1/4	0.4
SH(*)	14.90	3/8	1 7/8	2 11/16	7/8	3/4	1/4	-1/8	1 1/4	2 1/4	3=1/4X1 3/8	1/4-20 UNC x 1/4"	1/2	1 11/16	0.9
SDS(*)	17.30	7/16	2 3/16	3 3/16	7/8	3/4	1/4	-1/8	1 5/16	2 11/16	3=1/4X1 3/8	1/4-20 UNC x 1/4"	1/2	2	1.3
SD(*)	20.80	7/16	2 3/16	3 3/16	1 3/8	1 1/4	1/4	-1/8	1 13/16	2 11/16	3=1/4X1 7/8	1/4-20 UNC x 1/4"	1/2	2	1.6
SK(*)	26.80	1/2	2 13/16	3 7/8	1 3/8	1 1/4	5/16	-3/16	1 7/8	3 5/16	3=5/16X2	1/4-20 UNC x 1/4"	1/2	2 5/8	2.7
SF(*)	33.00	1/2	3 1/8	4 5/8	1 1/2	1 1/4	5/16	-1/16	2	3 7/8	3=3/8X2	5/16-18 UNC x 3/8"	1/2	2 15/16	3.9
E(*)	69.20	3/4	3 27/32	6	1 7/8	1 5/8	5/16	-1/16	2 5/8	5	3=1/2X2 3/4	3/8-16 UNC x 3/8"	7/8	3 1/2	8.5
F(*)	128.00	13/16	4 7/16	6 5/8	2 1/2	2 1/2	13/32	-3/32	3 5/8	5 5/8	3=9/16X3 5/8	3/8-16 UNC x 3/8"	1	4	13.3
J(*)	160.00	1	5 5/32	7 1/4	3 1/2	3 3/16	13/32	-3/32	4 1/2	6 1/4	3=5/8X4 1/2	3/8-16 UNC x 3/8"	1 7/16	4 1/2	20.8
M(*)	320.00	1 1/4	6 1/2	9	5 1/2	5 3/16	13/32	-3/32	6 3/4	7 7/8	4=3/4X7	3/8-16 UNC x 1/2"	2	5 1/2	48.5
N(*)	560.00	1 1/2	7	10	6 5/8	6 1/4	9/16	-3/16	8 1/8	8 1/2	4=7/8X8	1/2-13 UNC x 5/8"	2 3/4	6	62.1
P(*)	840.00	1 3/4	8 1/4	11 3/4	7 5/8	7 1/4	5/8	-1/4	9 3/8	10	4=1X9 1/2	5/8-11 UNC x 1 1/4"	2 15/16	7	108.8
W	1480.00	2	10 7/16	15	9 3/8	9	5/8	-1/4	11 3/8	12 3/4	4=1 1/8X11 1/2	None	4 1/4	8-1/2	218.9
S	3480.00	3 1/4	12 1/8	17 3/4	12 1/2	12	13/16	1/8	15 3/4	15	5=1 1/4X15 1/2	None	5 1/2	10	382.0

Refer to page 10 for cap screw torque ratings.

* Standard with set screw over keyway.
Note: Approx. weight in lbs. for an average size bore.

"QD" bushings is a registered trademark and manufactured by Maska under license.

Tapered Bushings are available from stock in all 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, Maska furnishes the correct rectangular key (inches only) 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.

STANDARD STOCK BORES (INCHES)

Bushing	Stock Bore	Keyseat	Bushing	Stock Bore	Keyseat	Bushing	Stock Bore	Keyseat								
L	3/8-7/16	No K.S.	SF	1/2"-9/16	1/8 x 1/16	M	2-2 1/8-2 3/16-2 1/4	1/2 x 1/4								
	1/2"-9/16	1/8 x 1/16		5/8-11/16-3/4-13/16-7/8	3/16 x 3/32		2 3/8-2 7/16-2 1/2-2 5/8	5/8 x 5/16								
	5/8-11/16-3/4-13/16-7/8	3/16 x 3/32		15/16-1 1/16-1 1/8-1 3/16-1 1/4	1/4 x 1/8		2 11/16-2 3/4	5/8 x 5/16								
	15/16-1 1/16-1 1/8-1 1/4-1 3/16-1 1/4	1/4 x 1/8		1 5/16-1 3/8	5/16 x 5/32		2 13/16-2 7/8-2 15/16-3	3/4 x 3/8								
	1 5/16-1 3/8	5/16 x 1/16**		1 7/16-1 1/2-1 9/16-1 5/8-1 11/16	3/8 x 3/16		3 1/8-3 3/16-3 1/4	3/4 x 3/8								
	1 7/16	3/8 x 1/16**		1 13/16-1 7/8-1 15/16-2-2 1/16	3/8 x 3/16		3 3/8-3 7/16-3 1/2	7/8 x 7/16								
1 1/2	3/8 x 3/64**	2 1/8-2 3/16-2 1/4	1/2 x 1/4	3 5/8-3 11/16-3 3/4	7/8 x 7/16											
JA	1/2"-9/16	1/8 x 1/16	E	2 1/8-2 3/16-2 1/4	1/2 x 1/4	N	3 13/16-3 7/8-3 15/16-4-4 1/8-4 3/16	1 x 1/2								
	5/8-11/16-3/4-13/16-7/8	3/16 x 3/32		2 1/4KW5/8*	5/8 x 5/16		4 1/4-4 5/16-4 3/8-4 7/16-4 1/2	1 x 1/2								
	15/16-1	1/4 x 1/8		2 5/16-2 3/8-2 7/16-2 1/2	5/8 x 3/16**		4 5/8-4 11/16-4 3/4	1 1/4 x 5/8								
	1 1/16-1 1/8-1 3/16	1/4 x 1/8**		2 9/16-2 5/8-2 11/16-2 3/4	5/8 x 1/16**		4 7/8-4 15/16-5 1/8-5 3/16	1 1/4 x 1/4**								
1 1/4	1/4 x 1/32**	2 13/16-2 7/8	2 13/16	3/4 x 1/16**	5 1/4-5 3/8-5 7/16-5 1/2	1 1/4 x 1/4**										
SH	1/2"-9/16	1/8 x 1/16	F	7/8	3/16 x 3/32	P	2 3/4	5/8 x 5/16								
	5/8-11/16-3/4-13/16-7/8	3/16 x 3/32		15/16-1 1/16-1 1/8-1 3/16-1 1/4	1/4 x 1/8		(2 15/16)-(3-3) 1/4	3/4 x 3/8								
	15/16-1 1/16-1 1/8-1 3/16-1 1/4	1/4 x 1/8		1 5/16-1 3/8	5/16 x 5/32		3 5/16-3 3/8-3 7/16-3 1/2(3-5/8)	7/8 x 7/16								
	1 5/16-1 3/8	5/16 x 5/32		1 7/16-1 1/2-1 9/16-1 5/8-1 11/16	3/8 x 3/16		3 3/4	7/8 x 7/16								
	1 7/16	3/8 x 1/8**		1 3/4	3/8 x 3/16		3 7/8-3 15/16-4-4 3/16-4 1/8-4 1/4	1 x 1/2								
	1 1/2-1 9/16-1 5/8	3/8 x 1/16**		1 13/16-1 7/8-1 15/16-2-2 1/16	1/2 x 1/4		4 3/8-4 7/16-4 1/2	1 x 1/2								
1 11/16	No K.S.	2 1/8-2 3/16-2 1/4	1/2 x 1/4	4 9/16-4 5/8-4 11/16-4 3/4-4 7/8	1 1/4 x 5/8											
SDS	1/2"-9/16	1/8 x 1/16	J	2 1/2-2 9/16-2 5/8-2 11/16-2 3/4	5/8 x 5/16	W	4 15/16-5	1 1/4 x 5/8								
	5/8-11/16-3/4-13/16-7/8	3/16 x 3/32		2 1/4KW5/8*-2 5/16-2 3/8-2 7/16	5/8 x 5/16		5 1/8-(5 3/16)-5 1/4-5 5/16-5 3/8	1 1/4 x 1/4**								
	15/16-1 1/16-1 1/8-1 3/16-1 1/4	1/4 x 1/8		2 1/2-2 9/16-2 5/8-2 11/16-2 3/4	5/8 x 5/16		5 7/16-5 1/2	1 1/4 x 1/4**								
	1 5/16-1 3/8	5/16 x 5/32		2 13/16 - 2 7/8	3/4 x 3/8		5 3/4	1 1/2 x 1/8**								
	1 7/16-1 1/2-1 9/16-1 5/8	3/8 x 3/16		2 15/16-3-3 1/16	3/4 x 1/8**		5 7/8	1 1/2 x 1/4**								
	1 11/16-1 3/4	3/8 x 1/8**		3 1/8-3 3/16-3 1/4	3/4 x 1/8**		5 15/16-6	1 1/2 x 1/8**								
1 13/16	1/2 x 1/8**	3 5/16-3 3/8-3 7/16	7/8 x 1/16**	S	SX5RB - SX7-1/2RB	Stocked in 2 rough bore sizes; can be rebored from 5 1/2" to 10" max.										
1 7/8-1 15/16	1/2 x 1/16**	3 1/2	7/8 x 1/16**													
2	No K.S.	1-1 1/16-1 1/8-1 3/16-1 1/4	1/4 x 1/8													
SD	1/2"-9/16	1/8 x 1/16	F				1 5/16-1 3/8	5/16 x 5/32	P	(3 7/8)-3 15/16-4-(4 1/4)-(4 3/8)	1 x 1/2					
	5/8-11/16-3/4-13/16-7/8	3/16 x 3/32					1 7/16-1 1/2-1 9/16-1 5/8-1 11/16	3/8 x 3/16				(4 5/8)-(4 11/16)-(4 3/4)-(4 7/8)	1 1/4 x 5/8			
	15/16-1 1/16-1 1/8-1 3/16-1 1/4	1/4 x 1/8					1 3/16-1 7/8-1 15/16-2-2 1/16	3/8 x 3/16						4 15/16-5 1/8-(5 3/16)-5 1/4-5 5/16	1 1/4 x 5/8	
	1 5/16-1 3/8	5/16 x 5/32		2 1/8-2 3/16-2 1/4	1/2 x 1/4	5 3/8-5 7/16-5 1/2	1 1/4 x 5/8									
	1 7/16-1 1/2-1 9/16-1 5/8	3/8 x 3/16		2 1/4KW5/8*-2 5/16-2 3/8-2 7/16	1/2 x 1/4			5 3/4-5 7/8-5 15/16-6-6 1/16								1 1/2 x 1/4**
	1 11/16-1 3/4	3/8 x 1/8**		2 1/2-2 9/16-2 5/8	5/8 x 5/16												(6 1/4)-(6 7/16)-6 1/2	1 1/2 x 1/4**
1 13/16	1/2 x 1/8**	2 11/16-2 3/4	5/8 x 5/16	6 3/4-6 15/16-7	1 3/4 x 1/8**											
1 7/8-1 15/16	1/2 x 1/16**	2 13/16-2 7/8-2 15/16-3-3 1/16	3/4 x 3/8													
2	No K.S.	3 1/8-3 3/16-3 1/4	3/4 x 3/8													
SK	1/2"-9/16	1/8 x 1/16	J			3 5/16-3 3/8-3 7/16-3 1/2-3 9/16	7/8 x 3/16**		W	6 1/2	1 1/2 x 3/4					
	5/8-11/16-3/4-13/16-7/8	3/16 x 3/32				3 5/8-3 11/16-3 3/4	7/8 x 3/16**	6 3/4-7-7 1/4-7 1/2				1 3/4 x 3/4				
	15/16-1 1/16-1 1/8-1 3/16-1 1/4	1/4 x 1/8				3 13/16-3 7/8-3 15/16	1 x 1/8**						7 3/4	2 x 1/4		
	1 5/16-1 3/8	5/16 x 5/32		1 7/16-1 1/2-1 9/16-1 5/8-1 11/16	No K.S.											
	1 7/16-1 1/2-1 9/16-1 5/8	3/8 x 3/16		1 3/4	3/8 x 3/16											
	1 11/16-1 3/4	3/8 x 3/16		1 13/16-1 7/8-1 15/16-2	1/2 x 1/4											
1 13/16-1 7/8-1 15/16-2-2 1/16	1/2 x 1/4	2 1/8-2 3/16-2 1/4	1/2 x 1/4													
2 1/8	1/2 x 1/4	2 5/16-2 3/8-2 7/16-2 1/2-2 9/16	5/8 x 5/16													
2 3/16-2 1/4	1/2 x 1/8**	2 5/8-2 11/16-2 3/4	5/8 x 5/16													
2 1/4KW5/8*-2 5/16-2 3/8	5/8 x 1/8**	2 13/16-2 7/8-2 15/16-3-3 1/16-3 1/8	3/4 x 3/8													
2 7/16-2 1/2	5/8 x 1/16**	3 3/16-3 1/4	3/4 x 3/8													
2 9/16-2 5/8	No K.S.	3 5/16-3 3/8-3 7/16-3 1/2	7/8 x 7/16													
°Note: All 1/2" are stocked without keyseat			J	3 5/8-3 11/16-3 3/4	7/8 x 7/16	S	SX5RB - SX7-1/2RB	Stocked in 2 rough bore sizes; can be rebored from 5 1/2" to 10" max.								
				3 13/16	7/8 x 7/16											
				3 7/8-3 15/16	1 x 1/2											
				4-4 1/8-4 3/16-4 1/4	1 x 3/8**											
				4 3/8-4 7/16-4 1/2	1 x 1/8**											
					1 x 1/8**											

°Note: All 1/2" are stocked without keyseat

STANDARD STOCK BORES (MILLIMETERS)

Bushing	Stock Bore	Key	Bushing	Stock Bore	Key	Bushing	Stock Bore	Key
L	14 - 15 - 16	5 x 5	SK	14 - 15 - 16	5 x 5	J	50	14 x 9
	18 - 19 - 20 - 22	6 x 6		18 - 19 - 20 - 22	6 x 6		55	16 x 10
	24 - 25 - 28 - 30	8 x 7		24 - 25 - 28 - 30	8 x 7		60 - 65	18 x 11
	32	10 x 8		32 - 35 - 38	10 x 8		70 - 75	20 x 12
	35 - (38)	10 X 6**		40 - 42	12 x 8		80 - 85	22 x 14
JA	14 - 15 - 16	5 x 5	SF	45 - 48 - 50	14 x 9	M	90 - 95	25 x 14
	18 - 19 - 20 - 22	6 x 6		55	16 x 10		100	28 x 16
	24 - 25	8 x 6 **		60	18 x 9**		(110)	28 x 15**
	28	8 x 5 **		25 - 28 - 30	8 x 7		(115)	28 x 10.9**
SH	14 - 15 - 16	5 x 5	E	32 - 35 - 38	10 x 8	N	90	25 x 14
	18 - 19 - 20 - 22	6 x 6		40 - 42	12 x 8		100	28 x 16
	24 - 25 - 28 - 30	8 x 7		45 - 48 - 50	14 x 9		115 - 120	32 x 18
	32 - 35	10 x 8		55	16 x 10		90	25 x 14
	38	10 x 7**		60 - 65	18 x 11			100 - 110	28 x 16
40	No K.S.	80	22 x 14	120	32 x 18			
SDS	14 - 15 - 16	5 x 5	F	45 - 48 - 50	14 x 9	P	130	32 x 18
	18 - 19 - 20 - 22	6 x 6		55	16 x 10		(150)	36 x 20
	24 - 25 - 28 - 30	8 x 7		60 - 65	18 x 11			
	32 - 35 - 38	10 x 8		70 - 75	20 x 12			
SD	40 - 42	12 x 8		80	22 x 14			
	14 - 15 - 16	5 x 5		90 - 95	25 x 14			
	18 - 19 - 20 - 22	6 x 6						
	24 - 25 - 28 - 30	8 x 7						

Additional bore sizes available upon request.

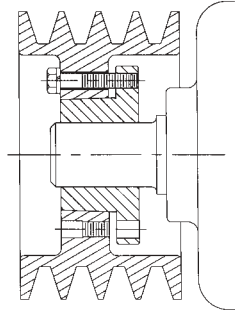
NEW: Warehouse Innovation
Color-coded product labels for easy stock retrieval on shelves

* Bushings with 1/2" wide keyway will be shipped unless the 5/8" wide keyway is specified when ordering.
** Shallow keyseat (in ductile)
() = Contact Maska for availability

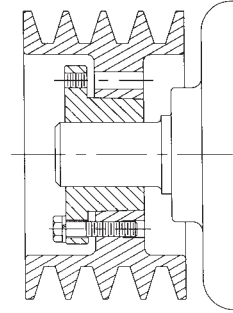
Note: Bushings L, JA, SH, SDS, SD, SK, SF & E manufactured in ductile iron

Note: In metric bores, key not supplied for shallow keyway. 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, except nominal diameters over 13 up to 16 included (metric bore).

STANDARD



MOUNT EITHER WAY



REVERSE MOUNTING

BUSHING FLANGE TOWARD MACHINE OR MOTOR

1. Align tapped holes in bushing flange with drilled holes in sheave hub.
2. Insert capscrews through drilled holes in sheave hub and thread loosely into tapped holes in bushing flange.
3. Position assembly on shaft and tighten capscrews progressively and uniformly.

TO REMOVE

1. Remove capscrews and thread into tapped holes in sheave hub. Tighten progressively until bushing is free from sheave taper.
2. Remove assembly from shaft.

BUSHING FLANGE AWAY FROM MACHINE OR MOTOR

1. Align drilled holes in bushing flange with tapped holes in sheave hub.
2. Insert capscrews through drilled holes in bushing flange and thread loosely into tapped holes in sheave hub.
3. Position assembly on shaft and tighten capscrews progressively and uniformly.

TO REMOVE

1. Remove capscrews and thread into tapped holes in bushing flange. Tighten progressively until bushing is free from sheave taper.
2. Remove assembly from shaft.

CAPSCREWS ARE ALWAYS ACCESSIBLE FROM THE OUTSIDE.

“QD” BUSHINGS

WARNING

**DRY MOUNTING
DO NOT USE LUBRICANTS OR ANTI-SEIZE COMPOUNDS ON TAPERED BORE OR BUSHING SUITCASE.**

TIGHTENING “IMPORTANT”

Tighten screws evenly and progressively. Never allow the sheave to be drawn in contact with the flange of the bushing. If extreme screw tightening forces are applied, excess pressures will be created in the hub of the mounted sheave which may cause it to crack.

PROPER WRENCH TORQUE TO TIGHTEN SCREWS

BUSHING No	SCREW SIZE Inches	TORQUE WRENCH Ft-Lbs	OPEN END OR SOCKET WRENCH		TORQUE CAPACITY In-Lbs
			LENGTH Inches	PULL(LBS)	
L	1/4	6	4	18	1,200
JA	# 10	5	4	15	1,000
SH	1/4	9	4	27	3,500
SDS-SD	1/4	9	4	27	5,000
SK	5/16	15	6	30	7,000
SF	3/8	30	6	60	11,000
E	1/2	60	12	60	20,000
F	9/16	75	12	75	30,000
J	5/8	135	15	135	45,000
M	3/4	225	15	180	85,000
N	7/8	300	15	240	150,000
P	1	450	18	300	250,000
W	1 1/8	600	24	300	375,000
S	1 1/4	750	30	300	625,000

SET SCREW TIGHTENING TORQUES AND AXIAL LOADS

SET SCREW SIZE	SOCKET/ALLEN KEY SIZE (ACROSS FLAT)	RECOMMENDED TIGHTNING TORQUE		SET SCREW AXIAL LOAD (±30%)			
		NEWTON-METRE (Nm)	LBF-INCHES	CUP POINT		KNURLED POINT	
				NEWTONS (N)	LBF	NEWTONS (N)	LBF
#10 - 24	3/32	3.62	32	1500	340	2225	500
1/4 - 20	1/8	6.8	60	2500	560	3650	820
5/16 - 18	5/32	12.4	110	3500	785	5110	1150
3/8 - 16	3/16	22.6	200	4500	1010	6580	1480
1/2 - 13	1/4	45.2	400	9000	2025	13230	2975
5/8 - 11	5/16	97.2	860	12000	2720	17800	4000

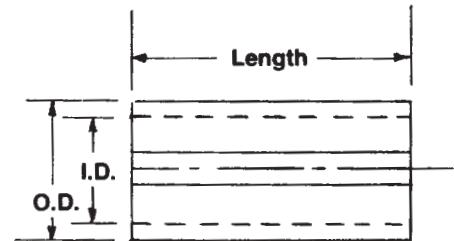
Note: For axial loads in excess of the values listed, a shouldered shaft against the face of the inner ring is recommended.

Split galvanized steel with 3/16" keyway slot; poly-bagged.



Note: Sold in quantity shown after Part No. only. No broken package.

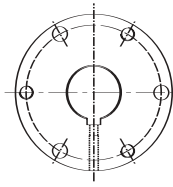
I.D.	O.D.	Part No. (Qty)	List Price (\$ Ea.)	Length
1/4	5/16	SB1 (10)	2.00	1
1/4	3/8	SB2 (10)	2.00	1 1/16
5/16	3/8	SB3 (10)	2.00	1 1/16
3/8	7/16	SB4 (10)	2.00	1 1/16
3/8	1/2	SB5 (10)	2.00	1
1/2	5/8	SB6 (10)	2.00	1 1/4
1/2	5/8	SB7 (10)	2.00	1 1/2
5/8	3/4	SB8 (10)	2.00	1 1/4
3/4	1	SB9 (10)	3.00	1 1/4
7/8	1	SB10 (10)	3.00	1 5/16
(Key)		K10 (10)	2.00	1 1/4



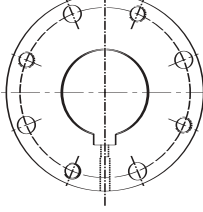
Reducer bushings instantly adapt larger bores of various tools (sheaves, gears, sprockets) to smaller diameter shafts

“SHORT” QD BUSHINGS

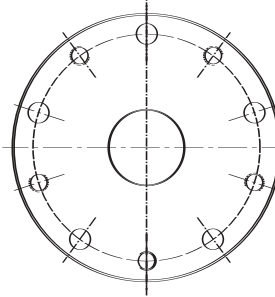
The Maska “Short” QD bushing has the same features as the standard QD bushing, with the exception that the total length is reduced to adapt to a QD weld-on hub.



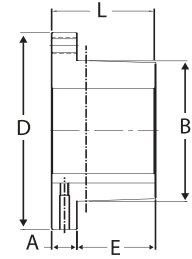
Bushing
“JS”



Bushing
“MS to WS”
Inclusive



Bushing
“SS”



TAPER 3/4” /12”
ON DIAMETER -B-

“SHORT” QD BUSHINGS

Bushing No.	List Price \$	Bushing	Dimensions - Inches						Bore range		Required
			A*	B	D	E	L	BC	Min.	Max.	
JS	144.00	JS	1	5.1484	7 1/4	2 3/8	3 3/8	6 1/4	2 7/16	4 7/16	(3) 5/8-11NC X 2-1/2
MS	288.00	MS	1 3/16	6.5000	9 1/8	3 5/8	4 13/16	7 7/8	3 7/16	5 7/16	(4) 3/4-10NC X 3
NS	504.00	NS	1 1/2	7.0000	10	4 1/2	6	8 1/2	3 15/16	6	(4) 7/8-9NC X 3-1/2
PS	756.00	PS	1 1/2	8.2500	11 3/4	5	6 1/2	10	4 15/16	7	(4) 1-8NC X 4
WS	1 332.00	WS	1 3/4	10.4375	15	5 1/2	7 1/4	12 3/4	5 7/16	8 1/2	(4) 1 1/8-7NC X 5
SS	*	SS	2	12.1250	17 3/4	6 3/4	8 3/4	15	4 15/16 *	10 *	(5) 1/1/4-7NC X 5

** Stocked in rough bore only. Can be rebores from 4-15/16” to 10” max. Contact Maska for price and delivery”

STANDARD STOCK BORES

Bushing	Stock Bore	Keyseat	Approx. Weight (lbs.)
JS	2 7/16	5/8 x 5/16	20.0
	2 15/16	3/4 x 3/8	18.1
	3 7/16	7/8 x 7/16	15.9
	3 15/16	1 x 3/8**	14.3
	4 7/16	1 x 1/8**	11.5
MS	3 7/16	7/8 x 7/16	41.2
	3 15/16 - 4 7/16	1 x 1/2	35.3
	4 15/16 - 5 7/16	1 1/4 x 1/4**	28.4
NS	3 15/16 - 4 7/16	1 x 1/2	59.4
	4 15/16	1 1/4 x 5/8	46.5
	5 7/16	1 1/4 x 1/4**	43.9
	5 15/16 - 6	1 1/2 x 1/8**	38.9
PS	4 15/16 - 5 7/16	1 1/4 x 5/8	84.8
	5 15/16 - 6	1 1/2 x 3/4	77.9
	6 7/16 - 6 1/2	1 1/2 x 1/4**	69.5
	6 15/16 - 7	1 3/4 x 1/8**	60.9
WS	5 7/16	1 1/4 x 5/8	172.3
	5 15/16 - 6 7/16 - 6 1/2	1 1/2 x 3/4	156.4
	6 15/16 - 7 - 7 1/2	1 3/4 x 3/4	138.6
	7 15/16 - 8 - 8 7/16 - 8 1/2	2 x 1/4**	116.5
SS	4 15/16RB*	None	280.0

* Stocked in rough bore only. Can be rebores from 4-15/16" to 10" max.

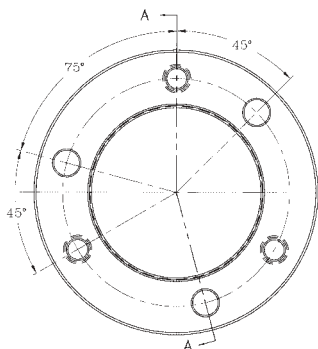
** Key provided with these sizes only.



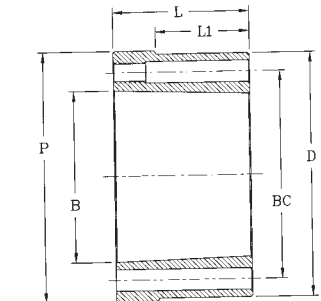
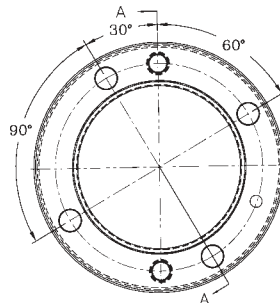
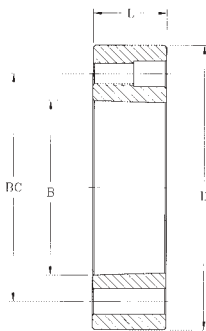
MASKA QD Weld-on hubs

for many applications, such as conveyor drum pulleys, rotors, plate sprockets, impellers, etc.

Maska QD weld-on hubs are made of low carbon steel for its excellent welding properties, and are compatible with all standard QD bushings, with the exception of SD.



Type 1

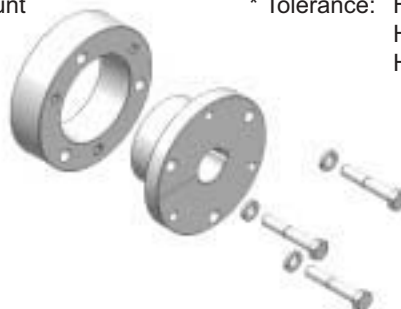


Type 2

Hub No.	List Price (\$)	Fits Bushing	Type	Dimensions - Inches						Bore Range	Approx. Weight
				D*	L	B	P	L ₁	BC		
H-L	9.00	L	2	2.375	0.88	1.625	2.50	0.17	2	3/8 to 1 1/2"	0.6
H-CL	9.00	L	2	2.375	0.88	1.625	2.50	0.63	2	3/8 to 1 1/2"	0.6
H-JA	9.00	JA	1	2.250	0.56	1.375	...	...	21/32	1/2 to 1 1/4"	0.4
H-SH	15.00	SH	1	3.000	0.81	1.871	...	...	2 1/4	1/2 to 1 11/16"	1
H-SDS	14.00	SDS	1	3.500	0.75	2.188	...	...	2 11/16	1/2 to 2"	1.2
H-SK	27.00	SK	1	4.375	1.25	2.813	...	...	3 5/16	1/2 to 2 5/8"	3
H-SF	35.00	SF	1	5.000	1.25	3.125	...	...	3 7/8	1/2 to 2 15/16"	4
H-E	72.00	E	1	6.250	1.63	3.834	...	...	5	7/8 to 3 1/2"	8.3
H-F	120.00	F	1	7.000	2.50	4.438	...	...	5 5/8	1 to 4"	15.5
H-J	175.00	J	1	7.750	3.19	5.148	...	...	6 1/4	1 7/16 to 4 1/2"	22.7
H-M	310.00	M	2	9.250	5.19	6.500	9.50	3.56	7 7/8	2 to 5 1/2"	50
H-N	460.00	N	2	10.250	6.25	7.000	10.50	4.50	8 1/2	2 3/4 to 6"	77
H-P	1460.00	P	2	13.000	7.25	8.250	...	...	10	2 15/16 to 7"	155
H-W	2300.00	W	2	15.500	9.00	10.438	...	...	12 3/4	4 1/4 to 8 1/2"	260

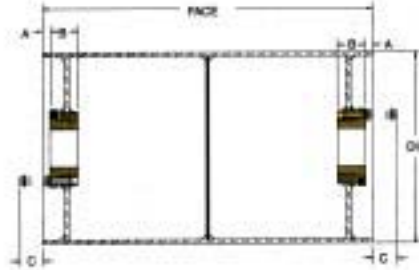
Mounting - Type 1: Standard and Reverse mount
Type 2: Standard mount only

* Tolerance: H-L & H-CL = (+0.001"/-0.005")
H-JA thru H-J = (+0.000"/-0.002")
H-M thru H-W = (+0.000"/-0.003")

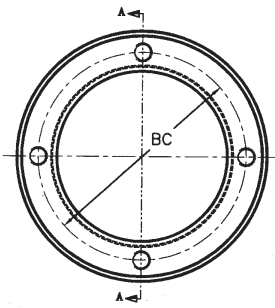




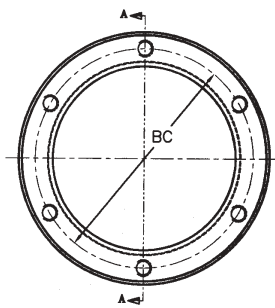
Maska XT Hubs and Bushings are specially designed for conveyor pulley applications. The 2"/ft. taper provides all the power required for conveyor pulleys while permitting easier installation and removal than other bushing types. Bushings are made of steel in many sizes and hubs are made of low carbon steel, known for its excellent welding properties.



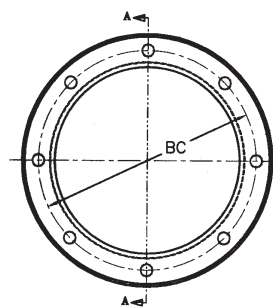
Conveyor Drum Application



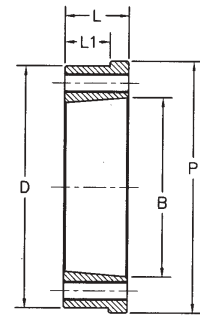
XTH15 TO XTH80
INCLUSIVE



XTH100



XTH120



Section A-A
Taper 2" per ft.
on Diameter -B-

XT HUBS

Hub No.	List Price \$	Bushing	Dimensions - Inches						Tapped Holes		Approx. Weight
			D*	L	B	P	L ₁	BC	No.	Size	
XTH15	8.00	XTB15	2.875	5/8	2.000	3.190	7/16	2 7/16	4	1/4-20NC	0.7
XTH20	15.00	XTB20	3.813	13/16	2.688	4.065	9/16	3 3/16	4	5/16-18NC	1.5
XTH25	25.00	XTB25	4.375	1 1/8	3.188	4.690	13/16	3 3/4	4	3/8-16NC	2.6
XTH30	43.00	XTB30	5.750	1 1/4	3.875	5.940	7/8	4 9/16	4	7/16-14NC	4.1
XTH35	55.00	XTB35	6.345	1 1/2	4.688	6.565	1 1/16	5 7/16	4	1/2-13NC	6.6
XTH40	85.00	XTB40	7.250	1 3/4	5.313	7.563	1 1/4	6 1/8	4	9/16-12NC	10.7
XTH45	109.00	XTB45	8.000	2 1/8	5.938	8.315	1 1/2	6 7/8	4	5/8-11NC	15.4
XTH50	173.00	XTB50	9.563	2 1/2	7.250	9.940	1 3/4	8 5/16	4	3/4-10NC	24.9
XTH60	267.00	XTB60	11.250	2 3/4	8.625	11.690	1 15/16	9 7/8	4	7/8-9NC	36.4
XTH70	334.00	XTB70	13.188	3 1/8	10.000	13.628	2 3/16	11 9/16	4	1-8NC	57.7
XTH80	425.00	XTB80	14.625	3 7/16	11.125	14.940	2 7/16	12 7/8	4	1 1/8-7NC	75.6
XTH100	699.00	XTB100	17.500	4 1/8	13.688	17.940	3	15 9/16	6	1 1/8-7NC	122
XTH120	1059.00	XTB120	20.500	4 13/16	16.188	20.940	3 1/2	18 3/16	8	1 1/8-7NC	189

* Tolerance: (+0.000"/-0.005")

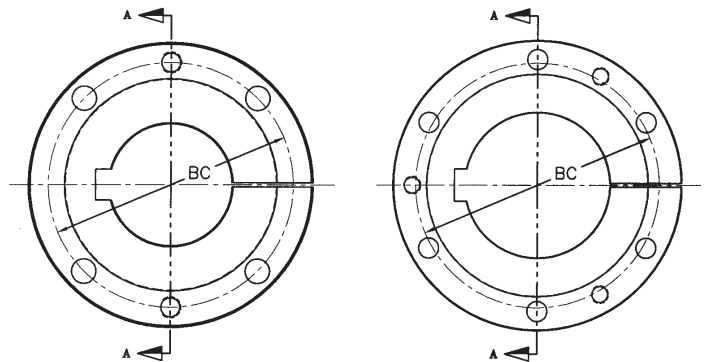
XT Bushing Dimensions

Bushing No.	List Price \$	Dimensions - Inches					No.	Size	Recommended Wrench Torque (ft-lbs)	Approx. Weight
		A	B	D	L	BC				
XTB15	16.00	3/8	2.000	2 7/8	1 1/8	2 7/16	4	1/4-20NC x 1"	7.9	0.7
XTB20	33.00	15/32	2.688	3 3/4	1 13/32	3 3/16	4	5/16-18NC x 1-1/4"	16.7	1.5
XTB25	58.00	5/8	3.188	4 7/16	1 7/8	3 3/4	4	3/8-16NC x 1 3/4"	29.2	2.6
XTB30	87.00	11/16	3.875	5 5/16	2 1/16	4 9/16	4	7/16-14NC x 1 1/2"	45.8	4.2
XTB35	139.00	25/32	4.688	6 5/16	2 15/32	5 7/16	4	1/2-13NC x 1 3/4"	70	7.4
XTB40	190.00	7/8	5.313	7 1/8	2 13/16	6 1/8	4	9/16-12NC x 2"	100	10.5
XTB45	271.00	15/16	5.938	8	3 5/16	6 7/8	4	5/8-11NC x 2-1/4"	140	14.8
XTB50	490.00	1	7.250	10 1/8	3 3/4	8 5/16	4	3/4-10NC x 2 1/2"	250	27.8
XTB60	673.00	1 1/8	8.625	11 15/16	4 1/8	9 7/8	4	7/8-9NC x 2-1/2"	400	42.8
XTB70	887.00	1 5/16	10.000	13 15/16	4 11/16	11 9/16	4	1-8NC x 3"	600	66.3
XTB80	1719.00	1 3/8	11.125	15 5/8	5 1/8	12 7/8	4	1 1/8-7NC x 3 1/2"	750	85.7
XTB100	2243.00	1 9/16	13.688	17 15/16	6 3/16	15 9/16	6	1 1/8-7NC x 3 1/2"	750	146
XTB120	3194.00	1 3/4	16.188	20 5/8	7 1/16	18 3/16	8	1 1/8-7NC x 3 1/2"	750	216

Maintenance Tip: For the first month of operation, inspect bushings and capscrews for proper seating at least once a week and thereafter during periodic shutdown.

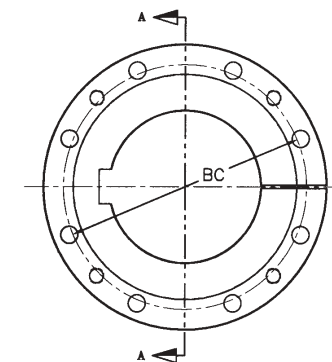
Standard Stock Bores

Bushing	Stock Bore	Keyseat
XTB15	5/8* - 3/4* - 7/8* 1* - 1 1/8* - 1 3/16* - 1 1/4* 1 7/16* - 1 1/2**	3/16 x 3/32 1/4 x 1/8 3/8 x 1/8**
XTB20	3/4 1 - 1 3/16 - 1 1/4 1 7/16 - 1 1/2 - 1 11/16 1 15/16* - 2*	3/16 x 3/32 1/4 x 1/8 3/8 x 3/16 1/2 x 3/16**
XTB25	1 - 1 3/16 - 1 1/4 1 7/16 - 1 1/2 - 1 11/16 1 15/16 - 2 - 2 3/16* 2 7/16*	1/4 x 1/8 3/8 x 3/16 1/2 x 1/4 5/8 x 1/8**
XTB30	1 7/16 - 1 1/2 1 15/16 - 2 3/16 2 7/16 - 2 11/16* 2 15/16*	3/8 x 3/16 1/2 x 1/4 5/8 x 5/16 3/4 x 3/16**
XTB35	1 15/16 - 2 3/16 2 7/16 - 2 11/16 2 15/16* 3 7/16*	1/2 x 1/4 5/8 x 5/16 3/4 x 3/8 7/8 x 5/16**
XTB40	2 7/16 2 15/16 3 7/16* 3 15/16*	5/8 x 5/16 3/4 x 3/8 7/8 x 7/16 1 x 3/8**
XTB45	3 7/16 3 15/16* 4 7/16*	7/8 x 7/16 1 x 1/2 1 x 3/8**
XTB50	3 15/16 - 4 7/16 4 15/16	1 x 1/2 1 1/4 x 5/8
XTB60	5 7/16 - 5 1/2 5 15/16 - 6	1 1/4 x 5/8 1 1/2 x 3/4
XTB70	6 7/16 - 6 1/2 6 15/16 - 7	1 1/2 x 3/4 1 3/4 x 3/4
XTB80	7 1/2 7 15/16 - 8	1 3/4 x 3/4 2 x 3/4
XTB100	8 1/2 - 9 9 7/16 - 9 1/2 - 10	2 x 3/4 2 1/2 x 7/8
XTB120	10 1/2 - 11 11 1/2 - 12	2 1/2 x 7/8 3 x 1

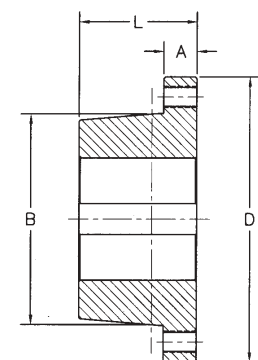


XTB15 TO XTB80
INCLUSIVE

XTB100



XTB120



SECTION A-A
Taper 2° per ft.
on diameter -B-

**Key provided with these sizes only.
XTB15-XTB45 made from gray cast iron (except * = steel).
XTB60-XTB120 made from gray cast iron.



To Install:

1. Clean all parts of the bushing and bore of hub thus removing any oil, lacquer or dirt. Install bushing in hub and match half holes to make complete holes (each complete hole will be threaded on one side only).
2. Oil thread and either the end of set screws or under the head of the cap screws. Install screws loosely in holes that are threaded on the hub side.
3. Make sure that the bushing is free in the hub. Slip assembly onto shaft and align in the desired position.
4. Tighten screws evenly and alternately until the part has tightened. (See table on following page for wrench torque)
5. Hammer with a block or sleeve the large end of the bushing. Re-tighten screws using the correct torque. Repeat this procedure until the screws no longer turn. Fill remaining holes with grease to prevent dirt buildup.

To Remove:

1. Remove all screws. Oil thread and either the end of set screws or under the head of cap screws.
2. Insert screws in hole(s) that are threaded on the bushing side (see diagram on following page). Note that there will be one extra screw left over.
3. Tighten screws alternately until the bushing is loose in the hub. It may be necessary to tap on the hub to loosen the bushing.

STANDARD STOCK BORES (INCHES)

BUSHING	PRICE	STOCK BORE	KEYSEAT	BUSHING	PRICE	STOCK BORE	KEYSEAT
1008	11.60	1/2" - 9/16 5/8 - 11/16 - 3/4 - 13/16 - 7/8 15/16 - 1	1/8 x 1/16 3/16 x 3/32 1/4 x 1/16*	2525	36.40	3/4 - 7/8 1 - 1 1/8 - 1 3/16 - 1 1/4 1 3/8 1 7/16 - 1 1/2 - 1 5/8 - 1 11/16 - 1 3/4 1 13/16 - 1 7/8 - 1 15/16 - 2 - 2 1/8 - 2 3/16 - 2 1/4 2 5/16 - 2 3/8 - 2 7/16 - 2 1/2	3/16 x 3/32 1/4 x 1/8 5/16 x 5/32 3/8 x 3/16 1/2 x 1/4 5/8 x 3/16*
1108	12.00	1/2" - 9/16 5/8 - 11/16 - 3/4 - 13/16 - 7/8 15/16 - 1 1 1/16 - 1 1/8	1/8 x 1/16 3/16 x 3/32 1/4 x 1/16*	3020	37.00	7/8 15/16 - 1 - 1 1/8 - 1 3/16 - 1 1/4 1 5/16 - 1 3/8 1 7/16 - 1 1/2 - 1 9/16 - 1 5/8 - 1 11/16 - 1 3/4 1 13/16 - 1 7/8 - 1 15/16 - 2 - 2 1/16 - 2 1/8 - 2 3/16 - 2 1/4 2 5/16 - 2 3/8 - 2 7/16 - 2 1/2 - 2 5/8 - 2 11/16 - 2 3/4 2 13/16 - 2 7/8 - 2 15/16 - 3 3 1/8 - 3 3/16 - 3 1/4	3/16 x 3/32 1/4 x 1/8 5/16 x 5/32 3/8 x 3/16 1/2 x 1/4 5/8 x 5/16 3/4 x 3/8 7/8 x 1/4*
1210	12.80	1/2" - 9/16 5/8 - 11/16 - 3/4 - 13/16 - 7/8 15/16 - 1 - 1 1/16 - 1 1/8 - 1 3/16 - 1 1/4	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8	3030	54.00	15/16 - 1 - 1 1/8 - 1 3/16 - 1 1/4 1 5/16 - 1 3/8 1 7/16 - 1 1/2 - 1 9/16 - 1 5/8 - 1 11/16 - 1 3/4 1 13/16 - 1 7/8 - 1 15/16 - 2 - 2 1/16 - 2 1/8 - 2 3/16 - 2 1/4 2 5/16 - 2 3/8 - 2 7/16 - 2 1/2 - 2 5/8 - 2 11/16 - 2 3/4 2 13/16 - 2 7/8 - 2 15/16 - 3 3 1/8 - 3 3/16 - 3 1/4	1/4 x 1/8 5/16 x 3/32 3/8 x 3/16 1/2 x 1/4 5/8 x 5/16 3/4 x 3/8 7/8 x 1/4*
1215	14.00	1/2" - 9/16 5/8 - 11/16 - 3/4 - 13/16 - 7/8 15/16 - 1 - 1 1/16 - 1 1/8 - 1 3/16 - 1 1/4	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8	3535	76.00	1 3/16 - 1 1/4 1 3/8 1 7/16 - 1 1/2 - 1 5/8 - 1 11/16 - 1 3/4 1 7/8 - 1 15/16 - 2 - 2 1/8 - 2 3/16 - 2 1/4 2 3/8 - 2 7/16 - 2 1/2 - 2 5/8 - 2 11/16 - 2 3/4 2 7/8 - 2 15/16 - 3 - 3 1/8 - 3 3/16 - 3 1/4 3 5/16 - 3 3/8 - 3 7/16 - 3 1/2 - 3 5/8 - 3 11/16 - 3 3/4 3 7/8 - 3 15/16	1/4 x 1/8 5/16 x 5/32 3/8 x 3/16 1/2 x 1/4 5/8 x 5/16 3/4 x 3/8 7/8 x 1/4*
1310	14.40	1/2" - 9/16 5/8 - 11/16 - 3/4 - 13/16 - 7/8 15/16 - 1 - 1 1/16 - 1 1/8 - 1 3/16 - 1 1/4 1 5/16 - 1 3/8 1 7/16 - 1 1/2 1 9/16 - 1 5/8 - 1 11/16	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8 5/16 x 5/32 3/8 x 3/16 3/8 x 1/8*	4040	122.00	1 7/16 - 1 1/2 - 1 5/8 - 1 11/16 - 1 3/4 1 7/8 - 1 15/16 - 2 - 2 1/8 - 2 3/16 - 2 1/4 2 3/8 - 2 7/16 - 2 1/2 - 2 5/8 - 2 11/16 - 2 3/4 2 7/8 - 2 15/16 - 3 - 3 1/8 - 3 3/16 - 3 1/4 3 3/8 - 3 7/16 - 3 1/2 - 3 5/8 3 11/16 - 3 3/4 3 7/8 - 3 15/16 - 4 - 4 1/8 - 4 3/16 - 4 1/4 - 4 3/8 - 4 7/16	3/8 x 3/16 1/2 x 1/4 5/8 x 5/16 3/4 x 3/8 7/8 x 7/16 7/8 x 3/8 7/8 x 1/4*
1610	14.80	1/2" - 9/16 5/8 - 11/16 - 3/4 - 13/16 - 7/8 15/16 - 1 - 1 1/16 - 1 1/8 - 1 3/16 - 1 1/4 1 5/16 - 1 3/8 1 7/16 - 1 1/2 1 9/16 - 1 5/8 - 1 11/16	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8 5/16 x 5/32 3/8 x 3/16 3/8 x 1/8*	4545	152.00	1 15/16 - 2 - 2 3/16 2 3/8 - 2 7/16 - 2 5/8 - 2 3/4 2 7/8 - 2 15/16 - 3 - 3 1/8 - 3 3/16 - 3 1/4 3 3/8 - 3 7/16 - 3 1/2 - 3 5/8 - 3 3/4 3 7/8 - 3 15/16 - 4 - 4 1/8 - 4 3/16 - 4 1/4 4 3/8 - 4 7/16 - 4 1/2 4 3/4 - 4 7/8 - 4 15/16	1/2 x 1/4 5/8 x 5/16 3/4 x 3/8 7/8 x 7/16 1 x 1/2 - 1 x 1/4 - 1 1/4 x 1/4*
1615	15.40	1/2" - 9/16 5/8 - 11/16 - 3/4 - 13/16 - 7/8 15/16 - 1 - 1 1/16 - 1 1/8 - 1 3/16 - 1 1/4 1 5/16 - 1 3/8 1 7/16 x 1 1/2 1 9/16 - 1 5/8 - 1 11/16	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8 5/16 x 5/32 3/8 x 3/16 3/8 x 1/8*	5050	246.00	2 7/16 - 2 11/16 2 15/16 3 3/8 - 3 7/16 - 3 5/8 3 7/8 - 3 15/16 - 4 - 4 1/4 - 4 3/8 - 4 7/16 - 4 1/2 4 7/8 - 4 15/16 - 5	5/8 x 5/16 3/4 x 3/8 7/8 x 7/16 1 x 1/2 1 1/4 x 7/16*
2012	20.00	1/2" - 9/16 5/8 - 11/16 - 3/4 - 13/16 - 7/8 15/16 - 1 - 1 1/16 - 1 1/8 - 1 3/16 - 1 1/4 1 5/16 - 1 3/8 1 7/16 - 1 1/2 - 1 9/16 - 1 5/8 - 1 11/16 - 1 3/4 1 13/16 - 1 7/8 - 1 15/16 - 2 - 2 1/16 - 2 1/8 - 2 3/16 - 2 1/4 1 15/16 - 2 2 1/8	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8 5/16 x 5/32 3/8 x 3/16 1/2 x 1/4 1/2 x 3/16* 1/2 x 1/8*				
2517	24.60	1/2" - 9/16 5/8 - 11/16 - 3/4 - 13/16 - 7/8 15/16 - 1 - 1 1/16 - 1 1/8 - 1 3/16 - 1 1/4 1 5/16 - 1 3/8 1 7/16 - 1 1/2 - 1 9/16 - 1 5/8 - 1 11/16 - 1 3/4 1 13/16 - 1 7/8 - 1 15/16 - 2 - 2 1/16 - 2 1/8 - 2 3/16 - 2 1/4 2 5/16 - 2 3/8 - 2 7/16 - 2 1/2 2 5/8 - 2 11/16	1/8 x 1/16 3/16 x 3/32 1/4 x 1/8 5/16 x 5/32 3/8 x 3/16 1/2 x 1/4 1/2 x 3/16* 1/2 x 1/8*				

STANDARD STOCK BORES (MILLIMETERS)

STOCK BORE	KEY	STOCK BORE	KEY	STOCK BORE	KEY	STOCK BORE	KEY	STOCK BORE	KEY					
1008	14 - 16 18 - 19 - 20 - 22 (24)	5 x 5 6 x 6 8 x 7	1610	14 - 16 18 - 19 - 20 - 22 24 - 25 - 28 - 30 32 - 35 - 38	5 x 5 6 x 6 8 x 7 10 x 8 12 x 8	2517	14 - 16 18 - 19 - 20 - 22 24 - 25 - 28 - 30 32 - 35 - 38	5 x 5 6 x 6 8 x 7 10 x 8 12 x 8	(3030)	22 24 - 25 - 28 - 30 32 - 35 - 36 - 38 39 - 40 - 42 40 - 48 - 50	6 x 6 8 x 7 10 x 8 12 x 8 14 x 9 16 x 10 18 x 11	(4545)	55 60 - 65 70 - 75 80 - 85 90 - 95 100 - 105 - 110 115 - 120	16 x 10 18 x 11 20 x 12 22 x 14 25 x 14 28 x 16 32 x 18
1108	(12) 14 - (15) - 16 18 - 19 - 20 - 22 24 - 25	4 x 4 5 x 5 6 x 6 8 x 7	(1615)	12 14 - 15 - 16 18 - 19 - 20 - 22 24 - 25 - 28 - 30 32 - 35 - 36 - 38 39 - 40 42	4 x 4 5 x 5 6 x 6 8 x 7 10 x 8 12 x 8 12 x 7*	(2525)	19 - 20 - 22 24 - 25 - 28 - 30 32 - 35 - 36 - 38 39 - 40 - 42 45 - 48 - 50	6 x 6 8 x 7 10 x 8 12 x 8 14 x 9 16 x 10 18 x 11	(3535)	35 - 38 40 - 42 45 - 48 - 50 50 - 55 60 - 65 70 - 75 80 - 85 90	10 x 8 12 x 8 14 x 9 16 x 10 18 x 11 20 x 12 22 x 14 25 x 14	(5050)	55 60 - 65 70 - 75 80 - 85 90 - 95 115 - 120 - 125	16 x 10 18 x 11 20 x 12 22 x 14 25 x 14 28 x 16 32 x 18
1210	14 - (15) - 16 18 - 19 - 20 - 22 24 - 25 - 28 - 30 (32)	5 x 5 6 x 6 8 x 7 10 x 8	2012	14 - 16 18 - 19 - 20 - 22 24 - 25 - 28 - 30 32 - 35 - 38 45 - 48	5 x 5 6 x 6 8 x 7 10 x 8 14 x 9	3020	24 - 25 - 28 - 30 32 - 35 - 38 40 - 42 45 - 48 - 50	8 x 7 10 x 8 12 x 8 14 x 9 16 x 10 18 x 11	(4040)	48 55 60 - 65 70 - 75 80 - 85 90 100 - 110	14 x 9 16 x 10 18 x 11 20 x 12 22 x 14 25 x 14 28 x 16			
(1215)	16 19 - 20 24 - 25 - 28 - 30 32	5 x 5 6 x 6 8 x 7 10 x 8												
1310	14 - 16 18 - 19 - 20 - 22 24 - 25 - 28 - 30 32 - 35	5 x 5 6 x 6 8 x 7 10 x 8												

*All 1/2" bore sizes are stocked without a keyseat.
A standard keyseat 1/8" X 1/16" is available upon request.

* Shallow keyseat
() Contact Maska for availability

1 GROOVE										
D.D. 3L Belts	D.D. A (4L) Belts	O.D.	Part No	Cross Reference	List Price (\$)	T	L	Standard Bore	Max. Bore	App. Wt.
-	1.30	1.55	MA15*	-	8.00	1B	1 1/4	1/2 - 5/8	5/8	0.4
-	1.50	1.75	MA18*	AK17	8.32	1B	1 3/8	1/2 - 5/8 - 3/4	3/4	0.4
1.41	1.75	2.00	MA20	AK20	8.32	1B	1 3/8	1/2 - 5/8 - 3/4 - 7/8	7/8	0.7
1.51	1.85	2.10	MA21	AK21	8.68	1B	1 3/8	1/2 - 5/8 - 3/4 - 7/8	7/8	0.7
1.61	1.95	2.20	MA22	AK22	8.68	1B	1 3/8	1/2 - 5/8 - 3/4 - 7/8	7/8	0.8
1.71	2.05	2.30	MA23	AK23	9.24	1B	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1	1	0.8
1.76	2.10	2.35	MA24	-	-	1B	1 3/8	1/2 5/8 - 3/4 - 7/8	7/8	0.8
1.91	2.25	2.50	MA25	AK25	9.60	2B	1 1/4	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	0.9
2.01	2.35	2.60	MA26	AK26	9.76	2B	1 1/4	1/2 - 5/8 - 3/4 - 7/8 - 1	1 1/8	0.9
2.11	2.45	2.70	MA27	AK27	10.04	2B	1 1/4	1/2 - 5/8 - 3/4 - 7/8 - 1	1 1/8	0.9
2.21	2.55	2.80	MA28	AK28	11.00	2B	1 1/4	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	0.9
2.46	2.80	3.05	MA30	AK30	11.88	2B	1 1/4	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.2
2.66	3.00	3.25	MA33	AK32	12.24	2B	1 1/4	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.5
2.86	3.20	3.45	MA35	AK34	13.32	2B	1 1/4	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.4
3.16	3.50	3.75	MA38	AK39	16.60	2W	1 1/8	1/2 - 5/8 - 3/4 - 7/8 - (15/16) - 1 - 1 1/8	1 1/8	1.5
3.36	3.70	3.95	MA40	AK41	19.16	2W	1 1/8	1/2 - 5/8 - 3/4 - 7/8 - (15/16) - 1 - 1 1/8	1 3/16	2.0
3.66	4.00	4.25	MA43	AK44	19.72	2W	1 1/8	1/2 - 5/8 - 3/4 - 7/8 - (15/16) - 1 - 1 1/8	1 3/16	2.0
3.86	4.20	4.45	MA45	AK46	20.56	2W	1 1/8	1/2 - 5/8 - 3/4 - 7/8 - (15/16) - 1 - 1 1/8	1 3/16	2.0
4.16	4.50	4.75	MA48	AK49	20.76	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - (15/16) - 1 - 1 1/8	1 3/16	2.0
4.36	4.70	4.95	MA50	AK51	21.92	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 3/16	2.0
4.66	5.00	5.25	MA53	AK54	22.32	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - (15/16) - 1 - 1 1/8 - 1 3/16	1 3/16	2.5
4.86	5.20	5.45	MA55	AK56	23.96	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - (15/16) - 1 - 1 1/8 - 1 3/16	1 3/16	2.5
5.16	5.50	5.75	MA58	AK59	25.36	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - (15/16) - 1 - 1 1/8 - 1 3/16	1 3/16	2.5
5.36	5.70	5.95	MA60	AK61	25.56	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - (15/16) - 1 - 1 1/8 - 1 3/16	1 3/16	3.0
5.66	6.00	6.25	MA63	AK64	26.24	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - (15/16) - 1 - 1 1/8 - 1 3/16	1 1/4	3.0
5.86	6.20	6.45	MA65	AK66	27.28	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/4	3.0
6.16	6.50	6.75	MA68	AK69	29.68	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 1/4	3.0
6.36	6.70	6.95	MA70	AK71	30.92	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 1/4	3.5
6.66	7.00	7.25	MA73	AK74	31.04	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - (15/16) - 1 - 1 1/8 - 1 3/16 - (1 1/4)	1 1/4	3.5
7.16	7.50	7.75	MA78	AK79	35.48	1A	1 3/8	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/4	3.5
7.41	7.75	8.00	MA80	-	35.48	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 1/4	3.5
7.66	8.00	8.25	MA83	AK84	37.96	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - (15/16) - 1 - 1 1/8 - 1 3/16	1 1/4	4.4
8.16	8.50	8.75	MA88	AK89	41.32	1A	1 3/8	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/4	4.5
8.41	8.75	9.00	MA90	-	41.32	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 1/4	4.5
8.66	9.00	9.25	MA93	AK94	42.20	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - (15/16) - 1 - 1 1/8 - 1 3/16 - (1 1/4)	1 1/4	5.4
9.16	9.50	9.75	MA98	AK99	44.20	1A	1 3/8	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/4	5.5
9.41	9.75	10.00	MA100	-	44.20	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 7/16	5.5
9.66	10.00	10.25	MA103	AK104	45.04	1A	1 3/8	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 1/4)	1 1/4	6.0
10.16	10.50	10.75	MA108	AK109	48.28	1A	1 3/8	3/4 - 7/8 - 1 - 1 1/8	1 1/4	6.0
10.41	10.75	11.00	MA110	-	48.28	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 5/8	6.5
10.66	11.00	11.25	MA113	AK114	50.72	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 3/16	6.5
11.41	11.75	12.00	MA120	-	56.60	1A	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 7/16	7.5
11.66	12.00	12.25	MA123	AK124	56.60	1A	1 3/8	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 1/4) - 1 7/16	1 7/16	7.0
12.66	13.00	13.25	MA133	AK134	67.96	1A	1 3/8	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 3/8) - 1 7/16	1 3/4	8.5
13.66	14.00	14.25	MA143	AK144	75.40	1A	1 3/8	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 1/4	9.0
14.66	15.00	15.25	MA153	AK154	85.00	1A	1 3/8	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 3/8) - 1 7/16	1 3/4	9.0
17.66	18.00	18.25	MA183	AK184	107.56	1A	1 3/8	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 7/16	1 7/8	14.0

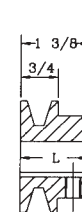
P.D. for "A" (4L) Belts = O.D.

P.D. for "3L" Belts = D.D.+0.25 = O.D.-0.34

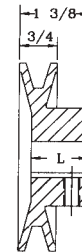
*DO NOT use 3L belt with MA15 and MA18 sheaves

() = Contact Maska for price and delivery

Bore Range	Keyseat
1/2"	None
5/8" - 7/8"	3/16" X 3/32"
15/16" - 1 1/4"	1/4" X 1/8"
1 5/16" - 1 3/8"	5/16" X 5/32"
1 7/16" - 1 3/4"	3/8" X 3/16"



Type 1



Type 2

"T" : Type. Suffix indicates construction: A = arms; B = block; W = web.

NEW: Warehouse Innovation
Color-coded product labels for easy stock retrieval on shelves.

ALL PRODUCTS HAVE 2 SET SCREWS

NOTE: Metric, or additional special bores, are made to order only items. Contact Maska for price and delivery.

OR (alternative) for immediate use, Maska suggests using an MAL, MBL, 2MAL or 2MBL (see pages 22-23) for a stocked product.

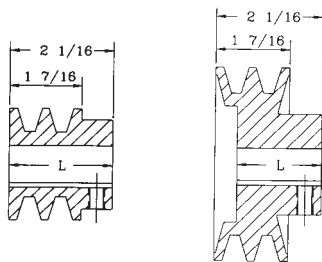
CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

2 GROOVES									
D.D. "A" Belts	O.D.	Part No	Cross Reference	List Price (\$)	T	L	Standard Bore	Max. Bore	App. Wt.
1.75	2.00	2MA20	2AK20	20.64	3B	2 1/16	1/2 - 5/8 - 3/4	3/4	1.0
1.90	2.15	2MA22	2AK21	20.64	3B	2 1/16	1/2 - 5/8 - 3/4 - (7/8)	7/8	1.0
2.00	2.25	2MA23	2AK22	22.72	3B	2 1/16	1/2 - 5/8 - 3/4 - 7/8 - 1	1	1.0
2.10	2.35	2MA24	2AK23	22.72	4B	1 7/8	1/2 - 5/8 - 3/4 - 7/8 - (1)	1 1/8	1.0
2.30	2.55	2MA25	2AK25	22.88	4B	1 11/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.5
2.40	2.65	2MA27	2AK26	25.12	4B	1 7/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.5
2.50	2.75	2MA28	2AK27	27.68	4B	1 11/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.5
2.60	2.85	2MA29	2AK28	27.68	4B	1 11/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.5
2.80	3.05	2MA30	2AK30	30.72	4B	1 11/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	2.0
3.00	3.25	2MA33	2AK32	34.56	4B	1 5/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	2.0
3.20	3.45	2MA35	2AK34	35.68	4B	1 5/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	2.5
3.50	3.75	2MA38	2AK39	36.32	4B	1 5/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/16	3.0
3.70	3.95	2MA40	2AK41	40.36	4W	1 9/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/16	3.0
4.00	4.25	2MA43	2AK44	41.60	4W	1 9/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/16	3.0
4.20	4.45	2MA45	2AK46	43.32	4W	1 11/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/16	4.0
4.50	4.75	2MA48	2AK49	44.40	4W	1 9/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 3/8	3.5
4.70	4.95	2MA50	2AK51	45.44	4W	1 9/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/16	4.0
5.00	5.25	2MA53	2AK54	45.92	4W	1 9/16	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/16	4.0
5.20	5.45	2MA55	2AK56	46.72	4W	1 9/16	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/16	5.0
5.50	5.75	2MA58	2AK59	50.52	4W	1 9/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 3/8	1 5/16	5.0
5.70	5.95	2MA60	2AK61	52.08	4W	1 11/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 5/16	6.0
6.00	6.25	2MA63	2AK64	54.48	4A	1 9/16	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 3/8) - (1 7/16)	1 11/16	5.5
6.75	7.00	2MA70	-	60.96	4A	1 9/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 11/16	6.0
7.00	7.25	2MA73	2AK74	61.96	4A	1 9/16	3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 3/8) - (1 7/16)	1 11/16	6.0
7.75	8.00	2MA80	-	66.88	4A	1 9/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 11/16	7.0
8.00	8.25	2MA83	2AK84	67.88	4A	1 9/16	3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 3/8)	1 7/16	8.0
8.75	9.00	2MA90	-	72.80	4A	1 9/16	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 7/16	8.5
9.00	9.25	2MA93	2AK94	73.80	4A	1 9/16	3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 3/8)	1 11/16	9.0
9.75	10.00	2MA100	-	78.72	4A	1 9/16	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 11/16	9.0
10.00	10.25	2MA103	2AK104	79.32	4A	1 9/16	3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 11/16	10.0
10.75	11.00	2MA110	-	85.08	4A	1 9/16	3/4 - 7/8 - 1 - 1 1/8	1 11/16	10.0
11.00	11.25	2MA113	2AK114	86.08	4A	1 9/16	3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 3/8) - (1 7/16)	1 11/16	11.0
11.75	12.00	2MA120	-	94.28	4A	1 9/16	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 11/16	11.0
12.00	12.25	2MA123	2AK124	94.28	4A	1 19/32	3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 7/16)	1 11/16	12.0
13.00	13.25	2MA133	2AK134	111.04	4A	1 19/32	5/8 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 7/16)	1 11/16	14.0
14.00	14.25	2MA143	2AK144	117.24	4A	1 9/16	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 7/16	1 11/16	15.0
15.00	15.25	2MA153	2AK154	135.28	4A	1 9/16	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 15/16	17.0
18.00	18.25	2MA183	2AK184	170.48	4A	1 17/32	5/8 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 7/16	1 5/16	19.0

P.D. for "A" Belts = O.D.

() = Contact Maska for price and delivery

NEW: Warehouse Innovation
Color-coded product labels for easy stock retrieval on shelves.



Type 3

Type 4

Bore Range	Keyseat
1/2"	None
5/8" - 7/8"	3/16" X 3/32"
15/16" - 1 1/4"	1/4" X 1/8"
1 5/16" - 1 3/8"	5/16" X 5/32"
1 7/16" - 1 3/4"	3/8" X 3/16"

ALL PRODUCTS HAVE 2 SET SCREWS

"T" : Type. Suffix indicates construction: A = arms; B = block; W = web.

NOTE: Metric, or additional special bores, are made to order only items. Contact Maska for price and delivery.

OR (alternative) for immediate use, Maska suggests using an MAL, MBL, 2MAL or 2MBL (see pages 22-23) for a stocked product.

CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

1 GROOVE										
D.D. A (4L) Belts	D.D. B (5L) Belts	O.D.	Part No	Cross Reference	List Price (\$)	T	L	Standard Bore	Max. Bore	App. Wt.
1.25	1.65	2.00	MB20	-	11.25	5B	1 1/2	1/2 - 5/8* - 3/4*	3/4	0.5
1.50	1.90	2.25	MB23	-	11.64	6B	1 11/35	1/2 - 5/8 - 3/4 - 7/8 - 1	1	1.0
1.65	2.05	2.40	MB24	BK24	11.64	6B	1 1/2	1/2 - 5/8 - 3/4 - 7/8	1	1.0
1.75	2.15	2.50	MB25	BK25	12.00	5B	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8*	1 1/8	1.0
1.85	2.25	2.60	MB26	BK26	12.68	5B	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1	1 1/8	1.0
1.95	2.35	2.70	MB28	BK27	13.20	6B	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.0
2.20	2.60	2.95	MB30	BK28	13.20	6B	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.0
2.40	2.80	3.15	MB31	BK30	13.56	6B	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.0
2.50	2.90	3.25	MB33	-	14.72	6B	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.0
2.60	3.00	3.35	MB34	BK32	14.72	6B	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.0
2.80	3.20	3.55	MB35	BK34	18.08	6B	1 3/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.5
3.00	3.40	3.75	MB38	BK36	19.72	6B	1 1/4	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.5
3.20	3.60	3.95	MB40	BK40	20.56	6B	1 1/4	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/16	2.0
3.50	3.90	4.25	MB43	BK45	21.04	6W	1 1/4	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/16	2.0
3.70	4.10	4.45	MB45	BK47	22.72	6W	1 1/4	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/16	2.0
4.00	4.40	4.75	MB48	BK50	23.04	5W	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/4	2.5
4.20	4.60	4.95	MB50	BK52	23.12	5W	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 1/4	2.5
4.50	4.90	5.25	MB53	BK55	24.48	6W	1 5/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 3/16	3.0
4.70	5.10	5.45	MB55	BK57	25.56	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 1/4	2.5
5.00	5.40	5.75	MB58	BK60	26.24	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 1/8	2.5
5.20	5.60	5.95	MB60	BK62	26.44	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/2	2.5
5.50	5.90	6.25	MB63	BK65	29.64	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 5/16	3.0
5.70	6.10	6.45	MB65	BK67	30.76	5A	1 1/2	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/4	3.0
6.00	6.40	6.75	MB68	BK70	34.24	5A	1 1/2	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 1/4	4.0
6.20	6.60	6.95	MB70	BK72	36.36	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/4	3.5
6.50	6.90	7.25	MB73	BK75	37.08	5A	1 1/2	1/2 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 3/8)	1 3/8	3.5
6.70	7.10	7.45	MB75	BK77	37.40	5A	1 1/2	5/8 - 3/4 - 1 - 1 1/8 - (1 3/8)	1 1/2	4.0
7.00	7.40	7.75	MB78	BK80	37.96	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 1/4) - (1 3/8)	1 3/8	4.0
7.25	7.65	8.00	MB80	-	40.26	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 1/4	4.0
7.50	7.90	8.25	MB83	BK85	42.76	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - (1 3/8)	1 3/8	4.5
8.00	8.40	8.75	MB88	BK90	44.00	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 1/4	5.0
8.25	8.65	9.00	MB90	-	44.88	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/4	5.0
8.50	8.90	9.25	MB93	BK95	47.00	5A	1 1/2	1/2 - 3/4 - 7/8 - 1 - 1 1/8 - (1 3/8) - (1 7/16)	1 7/16	5.5
9.00	9.40	9.75	MB98	BK100	48.60	5A	1 1/2	1/2 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 1/4)	1 1/4	6.0
9.25	9.65	10.00	MB100	-	48.60	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 7/16	6.0
9.50	9.90	10.25	MB103	BK105	53.20	5A	1 1/2	1/2 - 7/8 - 1 - 1 1/8	1 5/8	6.5
10.00	10.40	10.75	MB108	BK110	55.88	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - (1 3/8) - (1 7/16)	1 5/8	7.0
10.25	10.65	11.00	MB110	-	55.88	5A	1 1/2	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 5/8	7.0
10.50	10.90	11.25	MB113	BK115	57.28	5A	1 1/2	1/2 - 3/4 - 7/8 - 1 - 1 1/8 - (1 3/8)	1 5/8	8.0
11.00	11.40	11.75	MB118	BK120	59.68	5A	1 1/2	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 3/8) - 1 7/16	1 5/8	8.0
11.25	11.65	12.00	MB120	-	57.68	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16	1 5/8	8.0
12.00	12.40	12.75	MB128	BK130	66.72	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 7/16	1 5/8	9.0
13.00	13.40	13.75	MB138	BK140	80.12	5A	1 1/2	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 7/16)	1 5/8	10.0
15.00	15.40	15.75	MB158	BK160	104.20	5A	1 1/2	1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 7/16 - 1 3/16	1 5/8	12.0
18.00	18.40	18.75	MB188	BK190	120.00	5A	1 1/2	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - (1 1/4) - 1 7/16	1 5/8	14.0

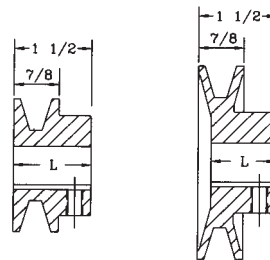
P.D. for "A" (4L) Belts = Datum Dia. + 0.35" = O.D. - 0.40"
 P.D. for "B" (5L) Belts = O.D.

*DO NOT use "A" or "4L" belt with these specifics bores

() Contact Maska for price and delivery

NEW: Warehouse Innovation
 Color-coded product labels for easy stock retrieval on shelves.

Bore Range	Keyseat
1/2"	None
5/8" - 7/8"	3/16" X 3/32"
15/16" - 1 1/4"	1/4" X 1/8"
1 5/16" - 1 3/8"	5/16" X 5/32"
1 7/16" - 1 3/4"	3/8" X 3/16"



Type 5

Type 6

ALL PRODUCTS HAVE 2 SET SCREWS

"T" : Type. Suffix indicates construction: A = arms; B = block; W = web.

NOTE: Metric, or additional special bores, are made to order only items. Contact Maska for price and delivery.

OR (alternative) for immediate use, Maska suggests using an MAL, MBL, 2MAL or 2MBL (see pages 22-23) for a stocked product.

CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

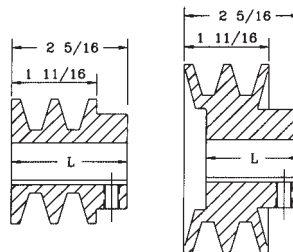
2 GROOVES										
D.D. "A" Belts	D.D. "B" Belts	O.D.	Part No	Cross Reference	List Price (\$)	T	L	Standard Bore	Max. Bore	App. Wt.
*1.35	1.75	2.00	2MB20	-	25.42	7B	2 1/8	*1/2 - *5/8 - *3/4 - *7/8	7/8	1.0
*1.60	2.00	2.25	2MB23	-	27.22	8B	2 5/16	1/2 - 5/8 - 3/4 - *7/8	7/8	1.0
*1.90	2.30	2.50	2MB25	2BK25	29.12	7B	2 5/16	1/2 - 5/8 - 3/4 - 7/8 - *1 - *1 1/8	1 1/8	1.5
2.10	2.50	2.70	2MB28	2BK27	30.08	8B	1 15/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	1.5
2.20	2.60	2.95	2MB30	2BK28	32.36	8B	1 15/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	2.0
2.40	2.80	3.15	2MB32	2BK30	34.44	8B	1 7/8	1/2 - (5/8 - 3/4 - 7/8 - 1 - 1 1/8)	1 1/8	2.0
2.50	2.90	3.25	2MB33	-	36.00	8B	1 7/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	2.0
2.60	3.00	3.35	2MB34	2BK32	36.00	8B	1 15/16	1/2 - 5/8 - 7/8 - 1 - 1 1/8	1 1/8	3.0
2.80	3.20	3.55	2MB35	2BK34	37.56	8B	1 7/8	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/8	2.5
3.00	3.40	3.75	2MB38	2BK36	38.60	8B	1 7/8	1/2 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 1/8	3.0
3.20	3.60	3.95	2MB40	2BK40	40.36	8B	1 11/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/16	3.0
3.50	3.90	4.25	2MB43	2BK45	43.48	8W	1 13/16	1/2 - (1 - 1 1/8 - 1 3/8)	1 1/4	4.0
3.70	4.10	4.45	2MB45	2BK47	43.48	8W	1 13/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/4	4.0
4.00	4.40	4.75	2MB48	2BK50	46.64	8W	1 13/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/4	4.0
4.20	4.60	4.95	2MB50	2BK52	47.88	8W	1 11/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/4	4.5
4.50	4.90	5.25	2MB53	2BK55	50.36	8W	1 13/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 5/16	5.0
4.70	5.10	5.45	2MB55	2BK57	51.88	8W	1 13/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 5/16	5.0
5.00	5.40	5.75	2MB58	2BK60	54.12	8W	1 13/16	1/2 - (3/4 - 7/8 - 1 - 1 1/8 - 1 3/8)	1 5/16	5.0
5.20	5.60	5.95	2MB60	2BK62	55.16	8W	1 13/16	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 5/16	6.0
5.50	5.90	6.25	2MB63	2BK65	58.56	8A	1 13/16	1/2 - (1 - 1 1/8 - 1 3/8)	1 11/16	6.0
5.70	6.10	6.45	2MB65	2BK67	61.88	8A	1 11/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - (1 3/8)	1 11/16	6.0
6.00	6.40	6.75	2MB68	2BK70	68.68	8A	1 13/16	1/2 - 5/8 - 3/4 - 1 - 1 1/8 - (1 3/16 - 1 3/8 - 1 7/16)	1 11/16	6.0
6.25	6.65	7.00	2MB70	-	68.68	8A	1 13/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 1/4	6.0
7.00	7.40	7.75	2MB78	2BK80	72.92	8A	1 13/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - (1 3/16 - 1 3/8 - 1 7/16)	1 11/16	7.0
7.25	7.65	8.00	2MB80	-	72.92	8A	1 13/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 11/16	8.0
8.00	8.40	8.75	2MB88	2BK90	75.40	8A	1 13/16	3/4 - 1 - 1 1/8 - 1 3/16 - 1 3/8 - 1 7/16	1 11/16	8.0
8.25	8.65	9.00	2MB90	-	75.40	8A	1 11/16	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 11/16	9.0
9.00	9.40	9.75	2MB98	2BK100	88.68	8A	1 13/16	3/4 - 1 - 1 1/8 - 1 3/16 - 1 3/8 - 1 7/16	1 11/16	10.0
9.25	9.65	10.00	2MB100	-	88.68	8A	1 13/16	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 11/16	10.0
10.00	10.40	10.75	2MB108	2BK110	94.20	8A	1 13/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - (1 7/16)	1 11/16	13.0
10.25	10.65	11.00	2MB110	-	94.20	8A	1 13/16	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 11/16	13.0
11.00	11.40	11.75	2MB118	2BK120	102.00	8A	1 13/16	1 - 1 3/16 - 1 7/16	1 11/16	10.0
11.25	11.65	12.00	2MB120	-	102.00	8A	1 11/16	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/4	1 11/16	15.0
12.00	12.40	12.75	2MB128	2BK130	114.60	8A	1 13/16	1/2 - (1 - 1 3/16 - 1 7/16)	1 7/8	15.0
13.00	13.40	13.75	2MB138	2BK140	120.28	8A	1 13/16	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - (1 7/16)	1 7/8	17.0
15.00	15.40	15.75	2MB158	2BK160	143.24	8A	1 13/16	1/2 - (1 - 1 3/16 - 1 7/16)	1 7/8	18.0
18.00	18.40	18.75	2MB188	2BK190	183.76	8A	1 13/16	1 1/8 - 1 3/16 - (1 7/16)	1 7/8	26.0

P.D. for "A" Belts = Datum Dia. + 0.35" = O.D. - 0.40"
P.D. for "B" Belts = O.D.

*DO NOT use "A" belts with these specifics bores

() Contact Maska for price and delivery

NEW: Warehouse Innovation
Color-coded product labels for easy stock retrieval on shelves.



Type 7

Type 8

Bore Range	Keyseat
1/2"	None
5/8" - 7/8"	3/16" X 3/32"
15/16" - 1 1/4"	1/4" X 1/8"
1 5/16" - 1 3/8"	5/16" X 5/32"
1 7/16" - 1 3/4"	3/8" X 3/16"

ALL PRODUCTS HAVE 2 SET SCREWS

"T": Type. Suffix indicates construction: A = arms; B = block; W = web.

NOTE: Metric, or additional special bores, are made to order only items. Contact Maska for price and delivery.

OR (alternative) for immediate use, Maska suggests using an MAL, MBL, 2MAL or 2MBL (see pages 22-23) for a stocked product.

CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

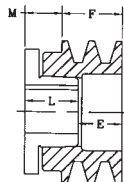
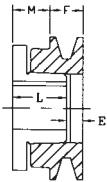
LIGHT DUTY BUSH TYPE MAL & 2MAL (A & 3L-4L V-BELTS)



NEW: Warehouse Innovation
Color-coded products for easy stock retrieval on shelves.

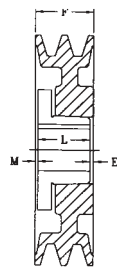
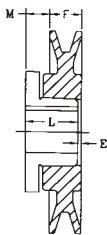
SINGLE GROOVE

DOUBLE GROOVE



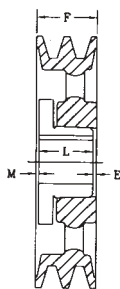
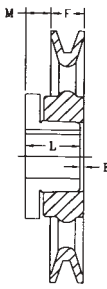
TYPE 1

TYPE 2



TYPE 3

TYPE 4



TYPE 5

TYPE 6

Legend: "E", "F", "L" and "M":
Sheave dimensions vary according to shaft tolerance.
MAL Serie use "L" bushing.
With "L" bushing only reverse mounting is possible, see page 10.

Suffix on type indicates construction: A = arm; B = block; W = web.

D.D.		O.D.	1 GROOVE								Wt (lbs)
(3L) Belts	A(4L) Belts		Part No	Cross Refer.	List Price	Type	DIMENSIONS*				
							E	F	L	M	
2.46	2.8	3.05	MAL30	AK30H	19.06	1B	3/8	3/4	1 11/32	31/32	1.15
2.66	3.0	3.25	MAL32	AK32H	19.36	1B	3/8	3/4	1 11/32	31/32	1.30
2.86	3.2	3.45	MAL34	AK34H	19.64	1B	3/32	3/4	1 11/32	11/16	1.20
3.16	3.5	3.75	MAL37	AK39H	20.78	1B	3/32	3/4	1 11/32	11/16	1.50
3.36	3.7	3.95	MAL39	AK41H	21.06	1B	3/32	3/4	1 11/32	11/16	1.75
3.66	4.0	4.25	MAL42	AK44H	21.34	1B	3/32	3/4	1 11/32	11/16	2.05
3.86	4.2	4.45	MAL44	AK46H	21.62	1B	3/32	3/4	1 11/32	11/16	2.25
4.16	4.5	4.75	MAL47	AK49H	21.92	3W	3/32	3/4	1 11/32	11/16	2.10
4.36	4.7	4.95	MAL49	AK51H	22.20	3W	3/32	3/4	1 11/32	11/16	2.35
4.66	5.0	5.25	MAL52	AK54H	22.48	3W	3/32	3/4	1 11/32	11/16	2.65
4.86	5.2	5.45	MAL54	AK56H	22.80	3W	3/32	3/4	1 11/32	11/16	2.75
5.16	5.5	5.75	MAL57	AK59H	23.24	5A	3/32	3/4	1 11/32	11/16	2.60
5.36	5.7	5.95	MAL59	AK61H	23.72	5A	3/32	3/4	1 11/32	11/16	2.50
5.66	6.0	6.25	MAL62	AK64H	24.32	5A	3/32	3/4	1 11/32	11/16	2.60
5.86	6.2	6.45	MAL64	AK66H	25.08	5A	3/32	3/4	1 11/32	11/16	2.70
6.16	6.5	6.75	MAL67	AK69H	27.48	5A	3/32	3/4	1 11/32	11/16	2.85
6.36	6.7	6.95	MAL69	AK71H	28.96	5A	3/32	3/4	1 11/32	11/16	2.90
6.66	7.0	7.25	MAL72	AK74H	30.36	5A	3/32	3/4	1 11/32	11/16	3.10
7.16	7.5	7.75	MAL77	AK79H	33.08	5A	3/32	3/4	1 11/32	11/16	3.35
7.66	8.0	8.25	MAL82	AK84H	35.20	5A	3/32	3/4	1 11/32	11/16	3.85
8.16	8.5	8.75	MAL87	AK89H	37.92	5A	3/32	3/4	1 11/32	11/16	4.10
8.66	9.0	9.25	MAL92	AK94H	40.96	5A	3/32	3/4	1 11/32	11/16	4.40
9.16	9.5	9.75	MAL97	AK99H	43.52	5A	3/32	3/4	1 11/32	11/16	4.60
9.66	10.0	10.25	MAL102	AK104H	44.12	5A	3/32	3/4	1 11/32	11/16	4.90
10.16	10.5	10.75	MAL107	AK109H	46.36	5A	3/32	3/4	1 11/32	11/16	5.20
10.66	11.0	11.25	MAL112	AK114H	47.84	5A	3/32	3/4	1 11/32	11/16	5.55
11.66	12.0	12.25	MAL122	AK124H	52.28	5A	3/32	3/4	1 11/32	11/16	5.90
12.66	13.0	13.25	MAL132	AK134H	60.28	5A	3/32	3/4	1 11/32	11/16	6.55
13.66	14.0	14.25	MAL142	AK144H	67.72	5A	3/32	3/4	1 11/32	11/16	7.30
14.66	15.0	15.25	MAL152	AK154H	74.52	5A	3/32	3/4	1 11/32	11/16	9.80
17.66	18.0	18.25	MAL182	AK184H	88.00	5A	3/32	3/4	1 11/32	11/16	9.95

D.D.		O.D.	2 GROOVES								Wt (lbs)
"A" Belts			Part No	Cross Refer.	List Price	Type	DIMENSIONS*				
							E	F	L	M	
2.8	3.05	2MAL30	2AK30H	33.36	2B	1	1 3/8	1 11/32	31/32	1.70	
3.0	3.25	2MAL32	2AK32H	37.48	2B	1	1 3/8	1 11/32	31/32	1.90	
3.2	3.45	2MAL34	2AK34H	37.76	2B	23/32	1 3/8	1 11/32	11/16	1.90	
3.5	3.75	2MAL37	2AK39H	38.56	2B	23/32	1 3/8	1 11/32	11/16	2.15	
3.7	3.95	2MAL39	2AK41H	42.68	4B	3/32	1 3/8	1 11/32	1/16	2.30	
4.0	4.25	2MAL42	2AK44H	44.16	4B	3/32	1 3/8	1 11/32	1/16	2.75	
4.2	4.45	2MAL44	2AK46H	46.24	4W	3/32	1 3/8	1 11/32	1/16	2.85	
4.5	4.75	2MAL47	2AK49H	47.12	4W	3/32	1 3/8	1 11/32	1/16	3.50	
4.7	4.95	2MAL49	2AK51H	48.44	4W	3/32	1 3/8	1 11/32	1/16	3.70	
5.0	5.25	2MAL52	2AK54H	50.52	4W	3/32	1 3/8	1 11/32	1/16	4.05	
5.2	5.45	2MAL54	2AK56H	51.24	4W	3/32	1 3/8	1 11/32	1/16	4.20	
5.5	5.75	2MAL57	2AK59H	51.68	6A	3/32	1 3/8	1 11/32	1/16	3.90	
5.7	5.95	2MAL59	2AK61H	52.88	6A	3/32	1 3/8	1 11/32	1/16	4.05	
6.0	6.25	2MAL62	2AK64H	55.76	6A	3/32	1 3/8	1 11/32	1/16	4.50	
6.2	6.45	-	-	-	-	-	-	-	-	-	
6.5	6.75	-	-	-	-	-	-	-	-	-	
6.7	6.95	-	-	-	-	-	-	-	-	-	
7.0	7.25	2MAL72	2AK74H	62.36	6A	3/32	1 3/8	1 11/32	1/16	5.70	
7.5	7.75	-	-	-	-	-	-	-	-	-	
8.0	8.25	2MAL82	2AK84H	69.20	6A	3/32	1 3/8	1 11/32	1/16	6.50	
8.5	8.75	-	-	-	-	-	-	-	-	-	
9.0	9.25	2MAL92	2AK94H	74.36	6A	3/32	1 3/8	1 11/32	1/16	7.80	
9.5	9.75	-	-	-	-	-	-	-	-	-	
10.0	10.25	2MAL102	2AK104H	77.92	6A	3/32	1 3/8	1 11/32	1/16	8.80	
10.5	10.75	-	-	-	-	-	-	-	-	-	
11.0	11.25	2MAL112	2AK114H	86.68	6A	3/32	1 3/8	1 11/32	1/16	9.50	
12.0	12.25	2MAL122	2AK124H	91.40	6A	3/32	1 3/8	1 11/32	1/16	10.60	
13.0	13.25	2MAL132	2AK134H	96.76	6A	3/32	1 3/8	1 11/32	1/16	11.90	
14.0	14.25	2MAL142	2AK144H	102.36	6A	3/32	1 3/8	1 11/32	1/16	12.45	
15.0	15.25	2MAL152	2AK154H	114.68	6A	3/32	1 3/8	1 11/32	1/16	14.00	
18.0	18.25	2MAL182	2AK184H	151.12	6A	3/32	1 3/8	1 11/32	1/16	17.95	

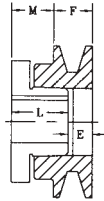
P.D. for "A" (4L) Belts = O.D.
P.D. for "3L" Belts = D.D.+0.25 = O.D.-0.34

* Dimensions to closest fraction

LIGHT DUTY BUSH TYPE MBL & 2MBL (A-B & 4L-5L V-BELTS)

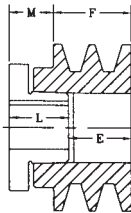
NEW: Warehouse Innovation
Color-coded products for easy stock retrieval on shelves.

SINGLE GROOVE

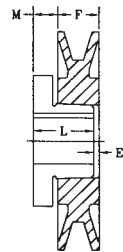


TYPE 1

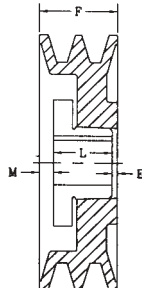
DOUBLE GROOVE



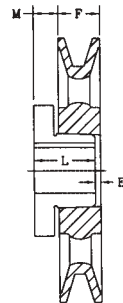
TYPE 2



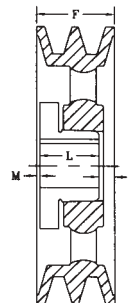
TYPE 3



TYPE 4



TYPE 5



TYPE 6

Legend: "E", "F", "L" and "M": Sheave dimensions vary according to shaft tolerance.
MBL Serie use "L" bushing.
With "L" bushing only reverse mounting is possible, see page 10.

Suffix on type indicates construction:
A = arm; B = block; W = web.

DD		O.D.	1 GROOVE									
A(4L) Belts	B(5L) Belts		Part No	Cross Refer.	List Price	Type	DIMENSIONS*				Wt (lbs)	
								E	F	L	M	
2.40	2.80	3.15	MBL31	BK30H	21.68	1B	17/32	29/32	1 11/32	63/64	1.25	
2.60	3.00	3.35	MBL33	BK32H	23.06	1B	17/32	29/32	1 11/32	63/64	1.40	
2.80	3.20	3.55	MBL35	BK34H	23.10	1B	17/32	29/32	1 11/32	63/64	1.65	
3.00	3.40	3.75	MBL37	BK36H	23.28	1B	3/32	29/32	1 11/32	17/32	1.40	
3.20	3.60	3.95	MBL39	BK40H	23.34	1B	3/32	29/32	1 11/32	17/32	1.70	
3.50	3.90	4.25	MBL42	BK45H	23.84	1B	3/32	29/32	1 11/32	17/32	2.05	
3.70	4.10	4.45	MBL44	BK47H	24.36	1B	3/32	29/32	1 11/32	17/32	2.35	
4.00	4.40	4.75	MBL47	BK50H	24.92	3W	3/32	29/32	1 11/32	17/32	1.95	
4.20	4.60	4.95	MBL49	BK52H	25.44	3W	3/32	29/32	1 11/32	17/32	2.40	
4.50	4.90	5.25	MBL52	BK55H	25.96	3W	3/32	29/32	1 11/32	17/32	2.35	
4.70	5.10	5.45	MBL54	BK57H	26.46	3W	3/32	29/32	1 11/32	17/32	2.90	
5.00	5.40	5.75	MBL57	BK60H	26.76	5A	3/32	29/32	1 11/32	17/32	2.45	
5.20	5.60	5.95	MBL59	BK62H	28.20	5A	3/32	29/32	1 11/32	17/32	2.80	
5.50	5.90	6.25	MBL62	BK65H	30.08	5A	3/32	29/32	1 11/32	17/32	2.70	
5.70	6.10	6.45	MBL64	BK67H	30.96	5A	3/32	29/32	1 11/32	17/32	2.80	
6.00	6.40	6.75	MBL67	BK70H	32.04	5A	3/32	29/32	1 11/32	17/32	3.00	
6.20	6.60	6.95	MBL69	BK72H	33.52	5A	3/32	29/32	1 11/32	17/32	3.60	
6.50	6.90	7.25	MBL72	BK75H	34.92	5A	3/32	29/32	1 11/32	17/32	3.45	
6.70	7.10	7.45	MBL74	BK77H	35.36	5A	3/32	29/32	1 11/32	17/32	3.65	
7.00	7.40	7.75	MBL77	BK80H	35.96	5A	3/32	29/32	1 11/32	17/32	3.80	
7.50	7.90	8.25	MBL82	BK85H	39.92	5A	3/32	29/32	1 11/32	17/32	4.55	
8.00	8.40	8.75	MBL87	BK90H	42.48	5A	3/32	29/32	1 11/32	17/32	5.10	
8.50	8.90	9.25	MBL92	BK95H	45.68	5A	3/32	29/32	1 11/32	17/32	5.30	
9.00	9.40	9.75	MBL97	BK100H	47.44	5A	3/32	29/32	1 11/32	17/32	5.80	
9.50	9.90	10.25	MBL102	BK105H	48.36	5A	3/32	29/32	1 11/32	17/32	5.50	
10.00	10.40	10.75	MBL107	BK110H	52.16	5A	3/32	29/32	1 11/32	17/32	5.85	
10.50	10.90	11.25	MBL112	BK115H	53.80	5A	3/32	29/32	1 11/32	17/32	7.20	
11.00	11.40	11.75	MBL117	BK120H	57.72	5A	3/32	29/32	1 11/32	17/32	6.59	
12.00	12.40	12.75	MBL127	BK130H	63.16	5A	3/32	29/32	1 11/32	17/32	7.90	
13.00	13.40	13.75	MBL137	BK140H	71.64	5A	3/32	29/32	1 11/32	17/32	10.15	
14.00	14.40	14.75	MBL147	BK150H	77.80	5A	3/32	29/32	1 11/32	17/32	13.25	
15.00	15.40	15.75	MBL157	BK160H	83.72	5A	3/32	29/32	1 11/32	17/32	16.05	
18.00	18.40	18.75	MBL187	BK190H	114.52	5A	3/32	29/32	1 11/32	17/32	12.45	

DD		O.D.	2 GROOVES									
"A" Belts	"B" Belts		Part No	Cross Refer.	List Price	Type	DIMENSIONS*				Wt (lbs)	
								E	F	L	M	
2.40	2.80	3.15	-	-	-	-	-	-	-	-	-	-
2.60	3.00	3.35	2MBL33	2BK32H	39.56	2B	1 3/8	1 3/4	1 11/32	31/32	2.35	
2.80	3.20	3.55	2MBL35	2BK34H	39.84	2B	1 3/8	1 3/4	1 11/32	31/32	2.55	
3.00	3.40	3.75	2MBL37	2BK36H	40.64	2B	1 3/8	1 3/4	1 11/32	31/32	3.00	
3.20	3.60	3.95	2MBL39	2BK40H	41.04	2B	15/16	1 3/4	1 11/32	17/32	2.80	
3.50	3.90	4.25	2MBL42	2BK45H	42.08	2B	15/16	1 3/4	1 11/32	17/32	3.25	
3.70	4.10	4.45	2MBL44	2BK47H	46.36	2B	15/16	1 3/4	1 11/32	17/32	3.35	
4.00	4.40	4.75	2MBL47	2BK50H	47.24	4W	3/32	1 3/4	1 11/32	5/16	3.85	
4.20	4.60	4.95	2MBL49	2BK52H	48.44	4W	3/32	1 3/4	1 11/32	5/16	4.00	
4.50	4.90	5.25	2MBL52	2BK55H	52.44	4W	3/32	1 3/4	1 11/32	5/16	4.40	
4.70	5.10	5.45	2MBL54	2BK57H	53.32	4W	3/32	1 3/4	1 11/32	5/16	4.95	
5.00	5.40	5.75	2MBL57	2BK60H	54.52	4W	3/32	1 3/4	1 11/32	5/16	5.30	
5.20	5.60	5.95	2MBL59	2BK62H	55.24	4W	3/32	1 3/4	1 11/32	5/16	5.80	
5.50	5.90	6.25	2MBL62	2BK65H	59.56	6A	1/16	1 3/4	1 11/32	11/32	5.40	
5.70	6.10	6.45	2MBL64	2BK67H	60.60	6A	1/16	1 3/4	1 11/32	11/32	5.85	
6.00	6.40	6.75	2MBL67	2BK70H	62.24	6A	1/16	1 3/4	1 11/32	11/32	5.55	
6.20	6.60	6.95	2MBL69	-	64.60	6A	1/16	1 3/4	1 11/32	11/32	6.65	
6.50	6.90	7.25	-	-	-	-	-	-	-	-	-	
6.70	7.10	7.45	-	-	-	-	-	-	-	-	-	
7.00	7.40	7.75	2MBL77	2BK80H	72.28	6A	1/16	1 3/4	1 11/32	11/32	6.85	
7.50	7.90	8.25	-	-	-	-	-	-	-	-	-	
8.00	8.40	8.75	2MBL87	2BK90H	73.64	6A	1/16	1 3/4	1 11/32	11/32	9.65	
8.50	8.90	9.25	-	-	-	-	-	-	-	-	-	
9.00	9.40	9.75	2MBL97	2BK100H	85.48	6A	1/16	1 3/4	1 11/32	11/32	9.20	
9.50	9.90	10.25	-	-	-	-	-	-	-	-	-	
10.00	10.40	10.75	2MBL107	2BK110H	92.60	6A	1/16	1 3/4	1 11/32	11/32	12.80	
10.50	10.90	11.25	-	-	-	-	-	-	-	-	-	
11.00	11.40	11.75	2MBL117	2BK120H	105.76	6A	1/16	1 3/4	1 11/32	11/32	14.65	
12.00	12.40	12.75	2MBL127	2BK130H	113.64	6A	1/16	1 3/4	1 11/32	11/32	14.15	
13.00	13.40	13.75	2MBL137	2BK140H	128.60	6A	1/16	1 3/4	1 11/32	11/32	14.95	
15.00	15.40	15.75	2MBL157	2BK160H	134.92	6A	1/16	1 3/4	1 11/32	11/32	18.70	
18.00	18.40	18.75	2MBL187	2BK190H	151.40	6A	1/16	1 3/4	1 11/32	11/32	24.20	

P.D. for "A" (4L) Belts = Datum.Dia. + 0.35" = O.D. - 0.40"

P.D. for "B" (5L) Belts = O.D.

* Dimensions to closest fraction

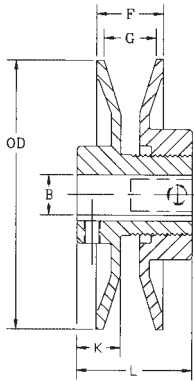
CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

ADJUSTABLE LIGHT DUTY (H.V.A.C.) & FRACTIONAL FIXED BORE (F.H.P.)

ADJUSTABLE LIGHT DUTY (H.V.A.C.) MVL



PART No.	LIST PRICE	O.D.	DIMENSIONS						STOCK BORES MARKED "X"				WT Lbs.
			F		G		L	K	1/2	5/8	3/4	7/8	
			MAX.	MIN.	MAX.	MIN.							
MVL25	11.70	2.50	25/32	17/32	5/8	3/8	1 1/2	37/64	X	X	-	-	0.8
MVL30	12.20	2.87	25/32	17/32	5/8	3/8	1 1/2	37/64	X	X	-	-	1.0
MVL34	12.20	3.15	1	5/8	7/8	1/2	1 11/16	37/64	X	X	X	-	1.1
MVL40	15.00	3.75	1	5/8	7/8	1/2	1 11/16	37/64	X	X	X	X	1.5
MVL44	19.00	4.15	1	5/8	7/8	1/2	1 11/16	37/64	X	X	X	X	1.75
1VM50	30.00	4.75	1 1/16	11/16	7/8	1/2	1 7/8	21/32	X	X	X	X	2.8



PART No.	DATUM DIAMETER, INCHES										
	Min.	Max.	0 Turns	1 Turns	2 Turns	3 Turns	4 Turns	5 Turns	6 Turns	7 Turns	
			Close	Open	Open	Open	Open	Open	Open	Open	
3L BELT	MVL25	1.6	2.4	2.4	2.2	2.0	1.8	1.6	-	-	-
	MVL30	1.8	2.6	2.6	2.4	2.2	2.0	1.8	-	-	-
	MVL34	1.7	2.5	2.5	2.3	2.1	1.9	1.7	-	-	-
	MVL40	2.3	3.1	3.1	2.9	2.7	2.5	2.3	-	-	-
	MVL44	2.7	3.5	3.5	3.3	3.1	2.9	2.7	-	-	-
	1VM50	3.3	4.1	4.1	3.9	3.7	3.5	3.3	-	-	-
A (4L) BELT	MVL25	1.6	2.2	-	-	2.2	2.0	1.8	1.6	-	-
	MVL30	2.0	2.6	-	-	2.6	2.4	2.2	2.0	-	-
	MVL34	1.9	2.9	2.9	2.7	2.5	2.3	2.1	1.9	-	-
	MVL40	2.4	3.4	3.4	3.2	3.0	2.8	2.6	2.4	-	-
	MVL44	2.8	3.8	3.8	3.6	3.4	3.2	3.0	2.8	-	-
	1VM50	3.4	4.4	4.4	4.2	4.0	3.8	3.6	3.4	-	-
B* (5L) BELT	MVL25	2.0	2.2	-	-	-	-	2.2	2.0	-	-
	MVL30	2.4	2.6	-	-	-	-	2.6	2.4	-	-
	MVL34	2.4	3.2	-	3.2	3.0	2.8	2.6	2.4	-	-
	MVL40	2.7	3.7	-	3.7	3.5	3.3	3.1	2.9	2.7	-
	MVL44	3.1	4.1	-	4.1	3.9	3.7	3.5	3.3	3.1	-
	1VM50	3.7	4.7	-	4.7	4.5	4.3	4.1	3.9	3.7	-

Pitch Dia. for 3L belts = Datum Dia. + .25"
 Pitch Dia. for "A" (4L) belts = Datum Dia. + .25"
 Pitch Dia. for "B" (5L) belts = Datum Dia. + .35"

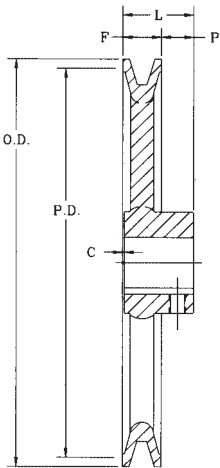
Bore Range	Keyseat
1/2" 5/8" - 7/8" 15/16" - 1 1/4" 1 5/16" - 1 3/8"	None 3/16" X 3/32" 1/4" X 1/8" 5/16" X 5/32"

MVL variable sheave are designed to be used for light duty applications up to 5HP.

*DO NOT use "B" gripnotch belt ratings with MVL sheave.

All packaged 20 per carton. Broken package add 25% to standard price.

FRACTIONAL FIXED BORE "A" (4L) SERIES (F.H.P.) MFAL



Part No	List Price	DIAMETER		STOCK BORES				DIMENSIONS				Wt (lbs)
		Outside	D.D. A (4L)	5/8"	3/4"	7/8"	1"	F	L	P	C	
MFAL54	14.88	4.93	4.78	x	x	(x)	x	19/32	1 1/16	15/32	-	1.1
MFAL64	15.56	5.93	5.78	x	x	(x)	x	19/32	1 1/16	15/32	-	1.5
MFAL74	17.76	6.93	6.78	x	x	(x)	x	19/32	1 1/16	15/32	-	1.75
MFAL84	20.24	7.93	7.78	x	x	(x)	x	19/32	1 1/16	15/32	-	2.2
MFAL94	25.56	8.93	8.78	-	x	(x)	x	19/32	1 1/16	15/32	-	3.0
MFAL104	28.20	9.93	9.78	-	x	(x)	x	19/32	1 1/16	15/32	-	2.7
MFAL114	31.20	10.93	10.78	-	x	(x)	x	19/32	1 1/16	15/32	-	3.1
MFAL124	37.40	11.93	11.78	-	x	(x)	x	19/32	1 1/16	15/32	-	3.5
MFAM144	61.20	14.16	14.00	-	-	-	x	11/16	1 3/32	13/32	1/32	5.2

Pitch Dia. for "A" (4L) belts = Datum Dia. +.26" = O.D. +.11"
 () = Contact Maska for price and delivery

All packaged 10 per carton.
 Broken package add 25% to standard price.

Note: - Stock "MFAL" sheaves include socket head set screw with standard keyseat.

Condition: Non-stock bore: MFAL available with 1" bore and smaller;
 MFAM available with 1 3/16" bore and smaller.

CAUTION: DO NOT use "A" gripnotch belts ratings with MFAL and MFAM sheaves.

CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)



8000 SERIES

STOCK SIZES - 1 AND 2 GROOVES UP TO 25 HP

Both 1 and 2 groove adjustable sheaves permit variations of as much as 30% in speed when used with a fixed diameter sheave.

When Ordering: Specify Sheave Number and required bore diameter.



SINGLE GROOVE

Part No.	List Price	O.D.	L1	F		G		Available Stock Bores	Approx. Shipping Weight
				Max.	Min.	Max.	Min.		
8325	33.80	3.25	1 3/4	1 1/32	21/32	3/4	3/8	*1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 9mm - 14mm - 19mm	2.0
8350	41.60	3.75	1 3/4	1 1/32	21/32	3/4	3/8	*1/2-5/8-3/4-7/8-1-1 1/8 9mm - 14mm - 19mm	2.0
8400	42.70	4.15	1 3/4	5/32	25/32	7/8	1/2	*1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 12.7mm - 14mm - 19mm - 24mm	2.5
8450 2	43.20	4.75	1 3/4	5/32	25/32	7/8	1/2	*1/2-5/8-3/4-7/8-1-1 1/8 12.7mm - 14mm - 19mm - 24mm 28mm	3.1
8550K 2	67.80	5.35	1 3/4	9/32	25/32	1	1/2	*1/2-5/8-3/4-7/8-1-1 1/8-1 3/8-1 5/8 12.7mm - 14mm - 19mm - 24mm 28mm	4.5
8600K 2	105.40	6.00	1 3/4	9/32	25/32	1	1/2	5/8-3/4-7/8-1-1 1/8-1 3/8-1 5/8 12.7mm - 19mm - 24mm - 28mm 38mm - 42mm	5.0
8670K 2	106.80	6.70	1 3/4	9/32	25/32	1	1/2	5/8-3/4-7/8-1-1 1/8-1 3/8-1 5/8 12.7mm - 28mm	6.0
8740K 2	153.40	7.40	1 3/4	9/32	25/32	1	1/2	3/4-7/8-1-1 1/8-1 3/8-1 5/8	7.0

DOUBLE GROOVE

Part No.	List Price	O.D.	L2	F		G		Available Stock Bores	Approx. Shipping Weight
				Max.	Min.	Max.	Min.		
D8325	81.00	3.25	3 1/4	1 15/16	1 3/16	3/4	3/8	5/8-3/4-7/8-1-1 1/8 24mm	2.0
D8350	93.20	3.75	3 3/8	1 15/16	1 3/16	3/4	3/8	5/8-3/4-7/8-1-1 1/8	2.0
D8400	100.30	4.15	3 3/8	2 3/16	1 7/16	7/8	1/2	5/8-3/4-7/8-1-1 1/8 28mm	2.5
D8450 2	105.80	4.75	3 3/8	2 3/16	1 7/16	7/8	1/2	5/8-3/4-7/8-1-1 1/8 12.7mm - 24mm - 28mm	3.1
D8550K 2	123.60	5.35	3 3/8	2 7/16	1 7/16	1	1/2	3/4-7/8-1-1 1/8-1 3/8-1 5/8 12.7mm - 19mm - 24mm 28mm - 38mm	4.5
D8600K 2	167.20	6.00	3 3/8	2 7/16	1 7/16	1	1/2	3/4-7/8-1-1 1/8-1 3/8-1 5/8 12.7mm - 24mm - 28mm - 38mm	5.0
D8670K 2	176.80	6.70	3 3/8	2 7/16	1 7/16	1	1/2	3/4-7/8-1-1 1/8-1 3/8-1 5/8 12.7mm - 24mm - 28mm - 38mm	6.0
D8740K 2	272.60	7.40	3 3/8	2 7/16	1 7/16	1	1/2	3/4-7/8-1-1 1/8-1 3/8-1 5/8	7.0

For other special bores, please call Maska for delivery terms.

Applications with a speed superior to 5,000 ft./min. may require more accurate balancing.

* Supplied without keyway

² Comes with two set screws at 120 degrees
K = key included

U.S. Patent N° 450 4249

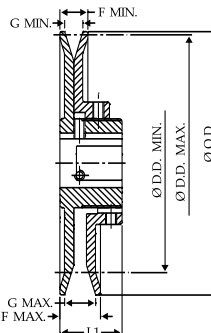
Can. Patent N° 1160478

	Part No.	Datum Diameter, inches								
		Min.	Max.	0 Turn Close	1 Turn Open	2 Turns Open	3 Turns Open	4 Turns Open	5 Turns Open	6 Turns Open
(4L) "A" BELT	8325	2.30	3.10	--	3.10	2.90	2.70	2.50	2.30	--
	8350	2.40	3.40	3.40	3.20	3.00	2.80	2.60	2.40	--
	8400	2.80	3.80	3.80	3.60	3.40	3.20	3.00	2.80	--
	8450	3.40	4.40	4.40	4.20	4.00	3.80	3.60	3.40	--
	8550	3.95	5.03	5.03	4.76	4.49	4.22	3.95	--	--
	8600	4.33	5.68	5.68	5.41	5.14	4.87	4.60	4.33	--
	8670	5.03	6.38	6.38	6.11	5.84	5.57	5.30	5.03	--
8740	5.73	7.08	7.08	6.81	6.54	6.27	6.00	5.73	--	
(5L) "B" BELT	8325	2.50	3.10	--	--	--	3.10	2.90	2.70	2.50
	8350	2.70	3.70	--	3.70	3.50	3.30	3.10	2.90	2.70
	8400	3.10	4.10	--	4.10	3.90	3.70	3.50	3.30	3.10
	8450	3.70	4.70	--	4.70	4.50	4.30	4.10	3.90	3.70
	8550	3.80	5.15	--	5.15	4.88	4.61	4.34	4.07	3.80
	8600	4.45	5.80	--	5.80	5.53	5.26	4.99	4.72	4.45
	8670	5.15	6.50	--	6.50	6.23	5.96	5.69	5.42	5.15
8740	5.85	7.20	--	7.20	6.93	6.66	6.39	6.12	5.85	
"5V" BELT	8325	--	--	--	--	--	--	--	--	--
	8350	--	--	--	--	--	--	--	--	--
	8400	--	--	--	--	--	--	--	--	--
	8450	--	--	--	--	--	--	--	--	--
	8550	4.17	5.25	--	5.25	4.98	4.71	4.44	4.17	--
	8600	4.55	5.90	--	5.90	5.63	5.36	5.09	4.82	4.55
	8670	5.25	6.60	--	6.60	6.33	6.06	5.79	5.52	5.25
8740	5.95	7.30	--	7.30	7.03	6.76	6.49	6.22	5.95	

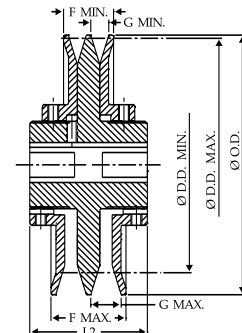
P.D. for "A" belts = Datum Dia. "A" belts + .25"
P.D. for "B" belts = Datum Dia. "B" belts + .35"
P.D. for "5V" belts = Datum Dia. "5V" belt + .10"

Variable Pulley Cross-Over Chart

See pages 84, 85



SINGLE GROOVE

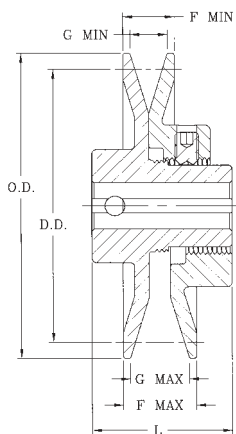


DOUBLE GROOVE

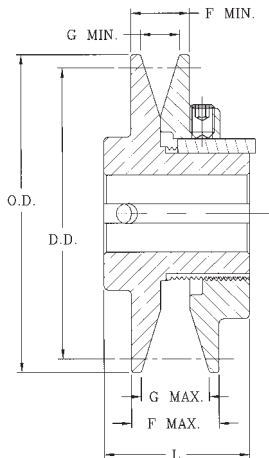
VP SERIES

Maska 1VP and 2VP Series are finished bore variable speed sheaves made of cast iron and designed for heavier duty service up to 25HP.

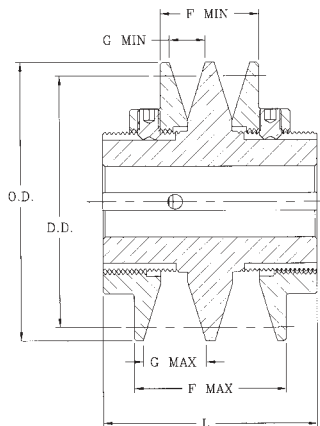
Available in single and double grooves, they offer a pitch range from 1.6" to 7.4".



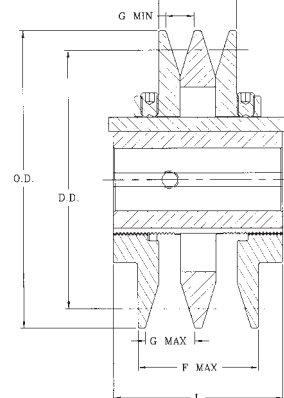
TYPE 1 (without key)



TYPE 2



TYPE 3 (without key)



TYPE 4

DIMENSIONS

Part No.	List Price	Type	O.D.	L	F		G		Available Stock Bores	Approx. Shipping Weight
					Max.	Min.	Max.	Min.		
1VP25	36.96	1	2.50	1 1/2	13/16	9/16	5/8	3/8	*1/2	.7
1VP30	37.52	1	2.87	1 21/32	13/16	9/16	5/8	3/8	*1/2 - 5/8 - 3/4	1.1
1VP34	47.20	1	3.15	1 7/8	1	11/16	13/16	1/2	*1/2 - 5/8 - 3/4 - 7/8	1.4
1VP40	47.80	1	3.75	1 7/8	1 1/16	11/16	7/8	1/2	*1/2 - 5/8 - 3/4 - 7/8	1.9
1VP44	51.60	1	4.15	1 7/8	1 1/16	11/16	7/8	1/2	*1/2 - 5/8 - 3/4	2.4
1VP44	71.60	2	4.15	1 7/8	1 1/8	3/4	7/8	1/2	7/8 - 1 - 1 1/8	2.9
1VP50	60.80	1	4.75	2	1 1/16	11/16	7/8	1/2	*1/2 - 5/8 - 3/4	2.9
1VP50	87.00	2	4.75	1 7/8	1 1/8	3/4	7/8	1/2	7/8 - 1 - 1 1/8	3.6
1VP56	90.80	1	5.35	1 7/8	1 1/16	11/16	7/8	1/2	*1/2 - 5/8 - 3/4	3.8
1VP56	117.20	2	5.35	1 7/8	1 1/8	3/4	7/8	1/2	7/8 - 1 - 1 1/8	4.4
1VP60	142.00	2	6.00	1 21/32	1 1/4	7/8	1 1/32	21/32	3/4 - 7/8 - 1 1/8 - 1 3/8	6.5
1VP62	143.30	2	5.95	1 29/32	1 1/8	3/4	7/8	1/2	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/4 - 1 3/8	6.1
1VP65	148.60	2	6.50	1 21/32	1 1/4	7/8	1 1/32	21/32	3/4 - 7/8 - 1 1/8 - 1 3/8	6.8
1VP68	149.20	2	6.55	1 29/32	1 1/8	3/4	7/8	1/2	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/4 - 1 3/8	7.3
1VP71	158.40	2	7.10	1 21/32	1 1/4	7/8	1 1/32	21/32	3/4 - 7/8 - 1 1/8 - 1 3/8	8.2
1VP75	211.40	2	7.50	1 21/32	1 1/4	7/8	1 1/32	21/32	3/4 - 7/8 - 1 1/8 - 1 3/8	9.2

Part No.	List Price	Type	O.D.	L	F		G		Available Stock Bores	Approx. Shipping Weight
					Max.	Min.	Max.	Min.		
2VP36	113.60	3	3.35	3	2	1 3/8	13/16	1/2	*1/2 - 5/8 - 3/4 - 7/8 - 1	3.4
2VP42	130.20	3	3.95	3	2 1/8	1 3/8	7/8	1/2	5/8 - 3/4 - 7/8 - 1 - 1 1/8	4.4
2VP50	150.00	4	4.75	3	2 1/8	1 3/8	7/8	1/2	5/8 - 3/4 - 7/8 - 1 - 1 1/8	6.3
2VP56	176.60	4	5.35	3	2 1/8	1 3/8	7/8	1/2	5/8 - 3/4 - 7/8 - 1 - 1 1/8	7.8
2VP60	225.60	4	6.00	3 1/4	2 3/8	1 5/8	1 1/32	21/32	3/4 - 7/8 - 1 1/8 - 1 3/8	10.6
2VP62	225.80	4	5.95	3	2 1/8	1 3/8	7/8	1/2	3/4 - 7/8 - 1 - 1 1/8 - 1 1/4 - 1 3/8	10.0
2VP65	242.00	4	6.50	3 1/4	2 3/8	1 5/8	1 1/32	21/32	3/4 - 7/8 - 1 1/8 - 1 3/8	12.3
2VP68	249.80	4	6.55	3	2 1/8	1 3/8	7/8	1/2	7/8 - 1 - 1 1/8 - 1 1/4 - 1 3/8	11.7
2VP71	256.00	4	7.10	3 1/4	2 3/8	1 5/8	1 1/32	21/32	3/4 - 7/8 - 1 1/8 - 1 3/8	14.6
2VP75	379.20	4	7.50	3 1/4	2 3/8	1 5/8	1 1/32	21/32	3/4 - 7/8 - 1 1/8 - 1 3/8	16.5

* Supplied without keyway thru the bore

DATUM DIAMETERS

Belts	Part No.	Datum Diameters (inches)								
		Min.	Max.	0 Turn Close	1 Turn Open	2 Turns Open	3 Turns Open	4 Turns Open	5 Turns Open	6 Turns Open
3L BELT	1VP25	1.6	2.4	2.4	2.2	2.0	1.8	1.6		
	1VP30	1.8	2.6	2.6	2.4	2.2	2.0	1.8		
	1VP34	1.7	2.5	2.5	2.3	2.1	1.9	1.7	---	---
	2VP36	1.9	2.7	2.7	2.5	2.3	2.1	1.9	---	---
	1VP40	2.3	3.1	3.1	2.9	2.7	2.5	2.3	---	---
	2VP42	2.5	3.3	3.3	3.1	2.9	2.7	2.5	---	---
	1VP44	2.7	3.5	3.5	3.3	3.1	2.9	2.7	---	---
	1VP50 & 2VP50	3.3	4.1	4.1	3.9	3.7	3.5	3.3	---	---
	1VP56 & 2VP56	3.9	4.7	4.7	4.5	4.3	4.1	3.9	---	---
	1VP60 & 2VP60	---	---	---	---	---	---	---	---	---
	1VP62 & 2VP62	4.5	5.3	5.3	5.1	4.9	4.7	4.5	---	---
	1VP65 & 2VP65	---	---	---	---	---	---	---	---	---
	1VP68 & 2VP68	5.1	5.9	5.9	5.7	5.5	5.3	5.1	---	---
	1VP71 & 2VP71	---	---	---	---	---	---	---	---	---
	1VP75 & 2VP75	---	---	---	---	---	---	---	---	---
	(4L) "A" BELT	1VP34	1.9	2.9	2.9	2.7	2.5	2.3	2.1	1.9
2VP36		2.0	3.0	3.0	2.8	2.6	2.4	2.2	2.0	---
1VP40		2.4	3.4	3.4	3.2	3.0	2.8	2.6	2.4	---
2VP42		2.6	3.6	3.6	3.4	3.2	3.0	2.8	2.6	---
1VP44		2.8	3.8	3.8	3.6	3.4	3.2	3.0	2.8	---
1VP50 & 2VP50		3.4	4.4	4.4	4.2	4.0	3.8	3.6	3.4	---
1VP56 & 2VP56		4.0	5.0	5.0	4.8	4.6	4.4	4.2	4.0	---
1VP60 & 2VP60		4.2	5.2	5.2	5.0	4.8	4.6	4.4	4.2	---
1VP62 & 2VP62		4.6	5.6	5.6	5.4	5.2	5.0	4.8	4.6	---
1VP65 & 2VP65		4.7	5.7	5.7	5.5	5.3	5.1	4.9	4.7	---
1VP68 & 2VP68		5.2	6.2	6.2	6.0	5.8	5.6	5.4	5.2	---
1VP71 & 2VP71		5.3	6.3	6.3	6.1	5.9	5.7	5.5	5.3	---
1VP75 & 2VP75		5.7	6.7	6.7	6.5	6.3	6.1	5.9	5.7	---
(5L) "B" BELT		1VP34	2.4	3.2	---	3.2	3.0	2.8	2.6	2.4
	2VP36	2.5	3.3	---	3.3	3.1	2.9	2.7	2.5	---
	1VP40	2.7	3.7	---	3.7	3.5	3.3	3.1	2.9	2.7
	2VP42	2.9	3.9	---	3.9	3.7	3.5	3.3	3.1	2.9
	1VP44	3.1	4.1	---	4.1	3.9	3.7	3.5	3.3	3.1
	1VP50 & 2VP50	3.7	4.7	---	4.7	4.5	4.3	4.1	3.9	3.7
	1VP56 & 2VP56	4.3	5.3	---	5.3	5.1	4.9	4.7	4.5	4.3
	1VP60 & 2VP60	4.3	5.5	5.5	5.3	5.1	4.9	4.7	4.5	4.3
	1VP62 & 2VP62	4.9	5.9	---	5.9	5.7	5.5	5.3	5.1	4.9
	1VP65 & 2VP65	4.8	6.0	6.0	5.8	5.6	5.4	5.2	5.0	4.8
	1VP68 & 2VP68	5.5	6.5	---	6.5	6.3	6.1	5.9	5.7	5.5
	1VP71 & 2VP71	5.4	6.6	6.6	6.4	6.2	6.0	5.8	5.6	5.4
	1VP75 & 2VP75	5.8	7.0	7.0	6.8	6.6	6.4	6.2	6.0	5.8
	"5V" BELT	1VP34	---	---	---	---	---	---	---	---
2VP36		---	---	---	---	---	---	---	---	---
1VP40		---	---	---	---	---	---	---	---	---
2VP42		---	---	---	---	---	---	---	---	---
1VP44		---	---	---	---	---	---	---	---	---
1VP50 & 2VP50		---	---	---	---	---	---	---	---	---
1VP56 & 2VP56		---	---	---	---	---	---	---	---	---
1VP60 & 2VP60		---	---	---	---	---	---	---	---	---
1VP62 & 2VP62		5.3	6.3	---	6.3	6.1	5.9	5.7	5.5	5.3
1VP65 & 2VP65		5.2	6.4	6.4	6.2	6.0	5.8	5.6	5.4	5.2
1VP68 & 2VP68		5.9	6.9	---	6.9	6.7	6.5	6.3	6.1	5.9
1VP71 & 2VP71		5.8	7.0	7.0	6.8	6.6	6.4	6.2	6.0	5.8
1VP75 & 2VP75		6.2	7.4	7.4	7.2	7.0	6.8	6.6	6.4	6.2

P.D. for "3L" belts = Datum Dia. "3L" belts + .25"

P.D. for "A" (4L) belts = Datum Dia. "A" belts + .25"

P.D. for "B" (5L) belts = Datum Dia. "B" belts + .35"

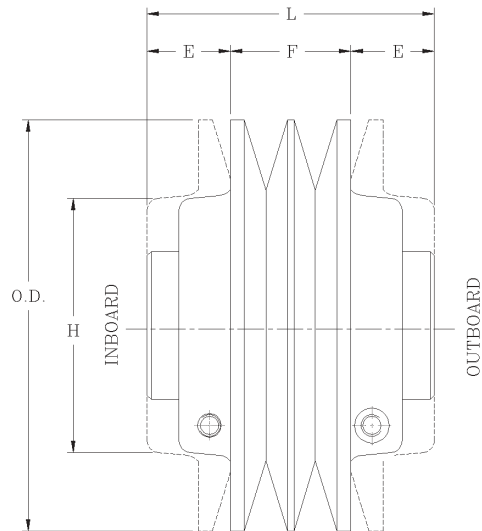
P.D. for "5V" belts = Datum Dia. "5V" belts + .10"

PART No.	LIST PRICE	O.D.	DIMENSIONS						STOCK BORES MARKED "X"					WT MAX. lbs
			F		E		L	H	1 1/8	1 3/8	1 5/8	1 7/8	2 1/8	
			MIN.	MAX.	MIN.	MAX.								
MVS130	228.00	5.118	1.73	2.27	0.75	1.02	3.77	3.15	X	X	-	-	-	8.5
MVS150	250.00	5.905	1.73	2.59	0.77	1.20	4.13	3.62	X	X	X	-	-	12.1
MVS170	272.00	6.692	1.73	2.59	0.77	1.20	4.13	3.62	X	X	X	-	-	14.8
MVS190	294.00	7.480	1.73	2.59	0.77	1.20	4.13	5.12	-	X	X	X	-	23.2
MVS210	316.00	8.268	1.73	2.59	0.77	1.20	4.13	5.12	-	X	X	X	X	27.0
MVS230	338.00	9.055	1.73	2.59	0.77	1.20	4.13	5.12	-	X	X	X	X	30.40

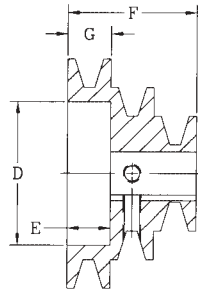
	PART No.	DATUM DIAMETER, INCHES																	
		Min.	Max.	0 Turn		1 Turn		2 Turn		3 Turn		4 Turn		5 Turn		6 Turn		7 Turn	
				Close	Open	Open	Open	Open	Open	Open	Open	Open	Open	Open	Open	Open	Open	Open	Open
A BELT	MVS130	3.45	4.47	4.47	4.26	4.06	3.85	3.65	3.45	-	-	-	-	-	-	-	-	-	-
	MVS150	4.23	5.25	5.25	5.05	4.85	4.64	4.44	4.23	-	-	-	-	-	-	-	-	-	-
	MVS170	4.81	6.04	6.04	5.84	5.63	5.43	5.22	5.02	4.81	-	-	-	-	-	-	-	-	-
	MVS190	5.60	6.83	6.83	6.62	6.42	6.21	6.01	5.81	5.60	-	-	-	-	-	-	-	-	-
	MVS210	6.40	7.63	7.63	7.43	7.22	7.02	6.81	6.61	6.40	-	-	-	-	-	-	-	-	-
	MVS230	7.19	8.42	8.42	8.21	8.01	7.81	7.60	7.40	7.19	-	-	-	-	-	-	-	-	-
B BELT	MVS130	3.63	4.86	4.86	4.65	4.45	4.24	4.04	3.84	3.63	-	-	-	-	-	-	-	-	-
	MVS150	4.21	5.65	5.65	5.44	5.24	5.03	4.83	4.62	4.42	4.21	-	-	-	-	-	-	-	-
	MVS170	5.00	6.43	6.43	6.23	6.02	5.82	5.61	5.41	5.21	5.00	-	-	-	-	-	-	-	-
	MVS190	5.79	7.22	7.22	7.01	6.81	6.60	6.40	6.20	5.99	5.79	-	-	-	-	-	-	-	-
	MVS210	6.59	8.02	8.02	7.82	7.61	7.41	7.20	7.00	6.80	6.59	-	-	-	-	-	-	-	-
	MVS230	7.38	8.81	8.81	8.61	8.40	8.20	7.99	7.79	7.58	7.38	-	-	-	-	-	-	-	-
3V BELT	MVS130	3.56	4.17	4.17	3.97	3.77	3.56	-	-	-	-	-	-	-	-	-	-	-	-
	MVS150	4.35	4.96	4.96	4.76	4.55	4.35	-	-	-	-	-	-	-	-	-	-	-	-
	MVS170	5.13	5.75	5.75	5.54	5.34	5.13	-	-	-	-	-	-	-	-	-	-	-	-
	MVS190	5.92	6.53	6.53	6.33	6.13	5.92	-	-	-	-	-	-	-	-	-	-	-	-
	MVS210	6.73	7.34	7.34	7.13	6.93	6.73	-	-	-	-	-	-	-	-	-	-	-	-
	MVS230	7.51	8.13	8.13	7.92	7.72	7.51	-	-	-	-	-	-	-	-	-	-	-	-
5V BELT	MVS130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MVS150*	4.31	5.74	5.74	5.54	5.33	5.13	4.93	4.72	4.52	4.31	-	-	-	-	-	-	-	-
	MVS170*	5.10	6.53	6.53	6.33	6.12	5.92	5.71	5.51	5.30	5.10	-	-	-	-	-	-	-	-
	MVS190	5.88	7.32	7.32	7.11	6.91	6.70	6.50	6.29	6.09	5.88	-	-	-	-	-	-	-	-
	MVS210	6.69	8.12	8.12	7.92	7.71	7.51	7.30	7.10	6.89	6.69	-	-	-	-	-	-	-	-
	MVS230	7.48	8.91	8.91	8.70	8.50	8.29	8.09	7.89	7.68	7.48	-	-	-	-	-	-	-	-

P.D. for "A" belt = Datum Dia. "A" belt + .25
 P.D. for "B" belt = Datum Dia. "B" belt + .35
 P.D. for "3V" belts = Datum Dia. "3V" belts + .05
 P.D. for "5V" belts = Datum Dia. "5V" belts + .10
 * Recommended for use with narrow cog belts only

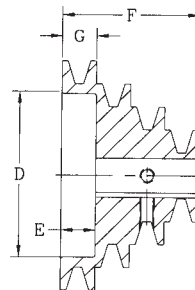
Note: Every turn of the adjustment screw moves the flange by 1/16".



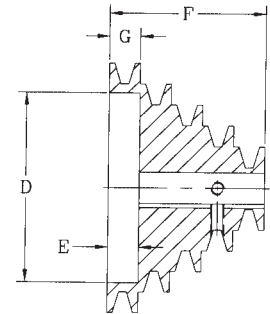
FIXED BORE, STOCK SIZES - FOR 3L-4L (A) V-BELTS



Type 1



Type 2



Type 3

Part No	List Price	Type	Outside Diameter	STOCK BORES	D	G	F	E	Wt
MAS62	91.80	3	6" 5" 4" 3" 2"	1/2-5/8-3/4-7/8	4 9/16	3/4	3 3/4	3/4	8.0
MAS63	78.80	2	6" 5" 4" 3"	1/2-5/8-3/4-7/8-1-1 1/8	4 9/16	3/4	3	3/4	7.5
MAS64	65.30	1	6" 5" 4"	1/2-5/8-3/4-7/8-1-1 1/8	4 9/16	3/4	2 1/4	3/4	6.5
MAS52	67.30	2	5" 4" 3" 2"	1/2-5/8-3/4-7/8	3 9/16	3/4	3	3/4	4.5
MAS53	56.60	1	5" 4" 3"	1/2-5/8-3/4-7/8-1-1 1/8	3 9/16	3/4	2 1/4	3/4	4.2
MAS42	46.10	1	4" 3" 2"	1/2-5/8-3/4-7/8	2 1/2	3/4	2 1/4	3/4	2.3

NOTE: All bores come with 2 set screws.

D.D. for "A"(4L) belts = O.D. - .25"

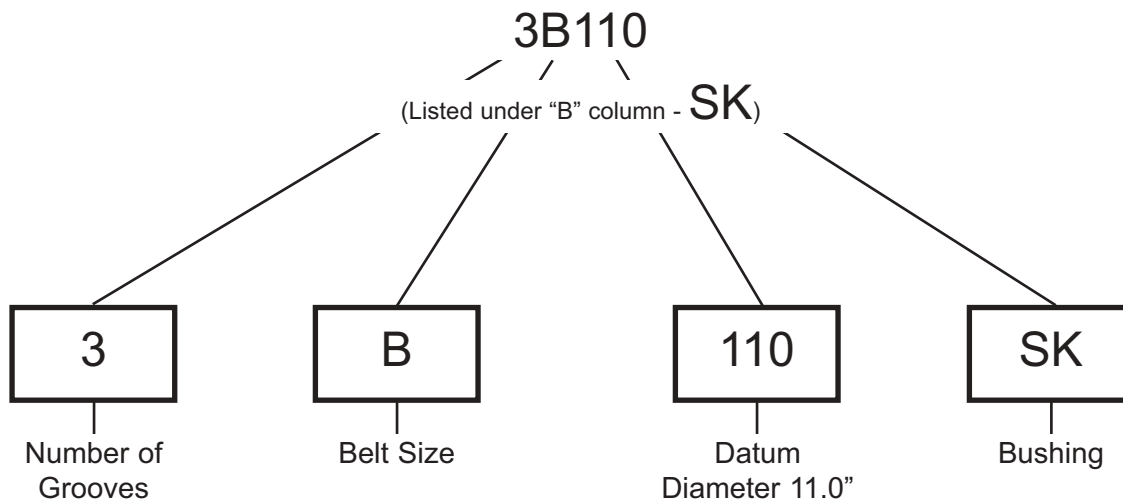
P.D. for "A"(4L) belts = O.D.

D.D. for 3L belts = O.D. - .59"

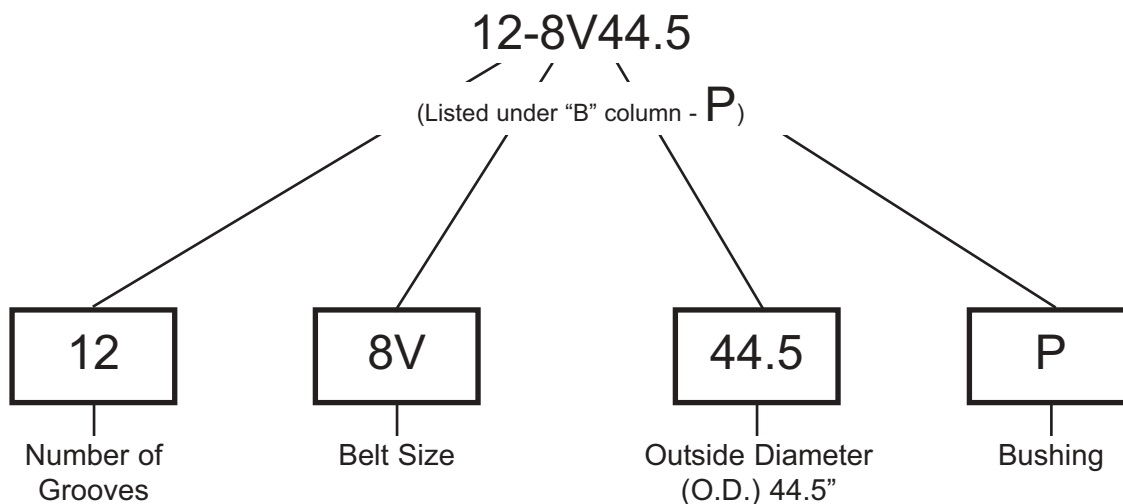
P.D. for 3L belts = O.D. - .34"

Bore Range	Keyseat
1/2" 5/8" - 7/8" 15/16" - 1-1/4"	None 3/16" X 3/32" 1/4" X 1/8"

Classical A-B-C-D “QD” Sheaves



Narrow 3V-5V-8V “QD” Sheaves



WARNING:

Excessive sheave RIM speed may cause sheave failure resulting in injury to personnel and/or equipment damage.

V-Belt Drive Accessories

Indispensable tools for maintenance mechanics to ensure efficient, cost-saving operations.

V-Belt Tension Tester

Part No. 006347
List Price: \$15.00

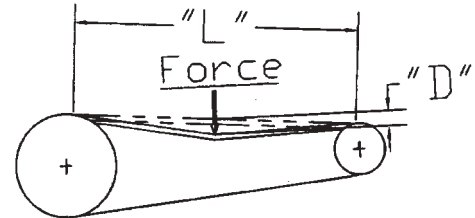
Comes in a protective plastic tube, instructions included.

Force Range: 0-35 lbs. 0-15.9 kg
Tension Range: 0-560 lbs. 0-255 kg

Improper belt tension, either too tight or too loose, can result in belt drive problems. For critical drives, a manual verification is insufficient.

This indispensable maintenance tool is a handy way of checking belt tension on single strand belts up to 1" wide within the above ranges. Scales are provided for

checking the required force and the belt deflection distance. For use with all small V-belt and synchronous drives.



Maintenance Pointers:

- Belts that are too loose will slip, causing excessive belt and sheave wear. Sagging belts can snap during start-up or during peak loads.
- Proper tension and installation can lengthen belt life and lessen expensive downtime.
- Belts that are too tight can damage bearings.
- Both situations reduce power transmission performance levels.



Sheave & Belt Gage

Part No. 006346
List Price: \$5.00

Molded plastic & color-matched with our V-belt sheaves. 9 keys for grooves & 2 for belts.

To determine whether the sheave groove is worn, select the proper sheave gage and insert the correct angle, based on the sheave's diameter, into the groove. For all

Classical, Narrow and A/B combination sheaves.

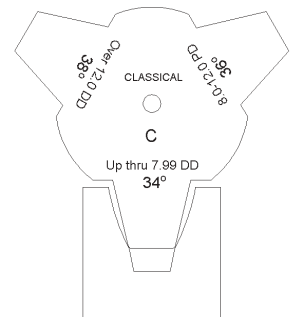
Note: You can also use these gages to determine the corresponding belt that fits with each sheave. Find the gage that fits, depending on size (groove must not be worn), and the characters

indicated on the gage will identify the belt type.

The belt gages help you determine the proper belt section; just insert the old belt in the "V" to determine belt cross section.

Maintenance Pointers:

- Inspect sheaves often for optimal operating efficiency. Worn grooves cause one or more belts to ride lower than the others, known as "differential driving", resulting in premature wearing of belts and reduced performance levels.
- Rounded sheave sidewalls ruin belts quickly by wearing their bottom corners (see illustration). The belt's wedging action is also reduced.
- If more than 1/32" of wear is evident, reduced V-belt life will result.



Not more than 1/32" wear



Ratio

A ratio is a proportional factor between two similar objects of different sizes. In a belt drive system, a ratio is used to determine the speed relation between two pulleys. The speed ratio would be stable if slippage did not occur; however as belt slip is inevitable, the ratio varies and is therefore only theoretical. If the speed ratio is < 1 (ex. 1:4), we refer to a speed up system; if the ratio is > 1 (ex. 4:1), it's a speed reduction system. In both cases, the ratio is obtained using the dimensions of the input drive (driver) pulley and the output (driven) pulley.

In the following ratio, R_s is the speed ratio, D_1 the diameter of the driver pulley, D_2 the diameter of the driven pulley:

$$R_s = \frac{RPM_1}{RPM_2} = \frac{D_2}{D_1}$$

Speed & Velocity

With reference to a belt drive system, the formula to find rim speed, or belt speed, is:

$$\text{Rim Speed [ft/min]} = \text{Pulley Diameter [in]} \times \pi \times \text{RPM} \times \frac{1}{12} \text{ [ft/in]}$$

OR

$$\text{FPM} = \text{Pulley Diameter [in]} \times 0.2618 \times \text{RPM}$$

Power

In mechanical engineering, power is a measure of performance or capacity and is defined as the amount of work performed in a given time. The most work accomplished in the least amount of time, equals greater power. This formula also shows the relation between torque and HP.

Power in hp (HP) can be calculated using the following formulas:

$$HP = \frac{T [\text{lb}\cdot\text{in}] \text{RPM}}{63025}$$

OR

$$HP = \frac{T [\text{lb}\cdot\text{ft}] \text{RPM}}{5252}$$

HP can be converted to kilowatts as follows:

$$HP = \text{Kilowatts} \times 1.341$$

Dynamic or Two-Plane Balancing

When considering dynamic balance, it is necessary to determine when dynamic balancing is recommended.

To determine whether dynamic balancing is recommended, perform the following calculation or refer to the nomograph on the following page.

$$RPM = 15,500 / \sqrt{(DF)}$$

D is Diameter in inches
F is Face Width in inches

OR

$$RPM = 25.4 \times 15,500 / \sqrt{(DF)}$$

D is Diameter in millimeters
F is Face Width in millimeters

The resultant RPM is maximum recommended operating rpm for a sheave or pulley with a single plane balance.

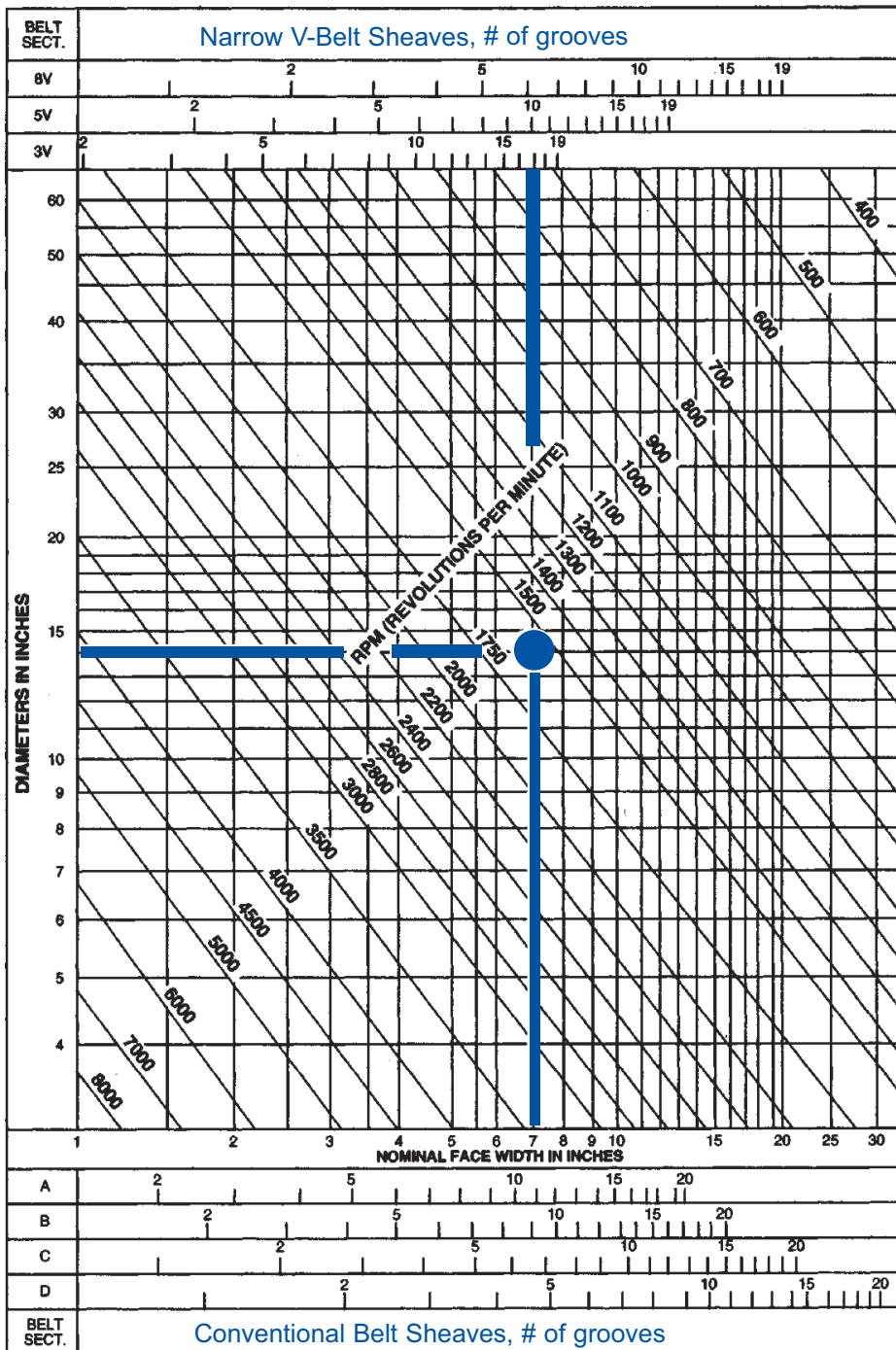
Note: If the sheave or pulley is to be operated at a higher speed, a two plane balance is recommended.

NOMOGRAPH

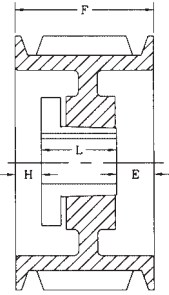
This nomograph shows the maximum speed limit (in RPM) for a gray cast iron standard statically balanced pulley of a given diameter and face width. To exceed this speed limit, the pulley should also be dynamically balanced.

Example: If you have a 6-8V14.0 pulley (see 8V section) with a diameter of 14" and a face width of 7 1/8", and it must turn at 1,800 RPM, what type of balancing is required?

Answer: As shown, the limit for this pulley would be 1,500 RPM, therefore it must be dynamically balanced.

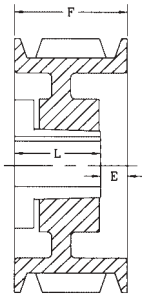


Note: If not specified, Dynamic Balancing will be made to ISO grade 6.3 and for an operating speed of 1800RPM



Type 1

Datum dia.		O.D.	Part No	List Price	1 GROOVE						2 GROOVES							
A(4L) Belts	B(5L) Belts				F = 7/8 up to 7.15 O.D. & 1 inch thereafter						Part No	List Price	F = 1 3/4 inches					
					H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
3.0	3.4	3.75	1B34	26.00	1/2	11B	SH	1 1/4	1/8	1	2B34	38.00	5/8	11B	SH	1 1/4	1 1/8	2
3.2	3.6	3.95	1B36	27.00	1/2	11B	SH	1 1/4	1/8	1	2B36*	40.00	17/32	6B	SH	1 1/4	1 1/32	3
3.4	3.8	4.15	1B38	28.00	1/2	11B	SH	1 1/4	1/8	2	2B38*	42.00	17/32	6B	SH	1 1/4	1 1/32	3
3.6	4.0	4.35	1B40	29.00	1/2	11B	SH	1 1/4	1/8	2	2B40*	44.00	17/32	6B	SH	1 1/4	1 1/32	3
3.8	4.2	4.55	1B42	30.00	1/2	11B	SH	1 1/4	1/8	2	2B42	46.00	1/16	1B	SH	1 1/4	7/16	3
4.0	4.4	4.75	1B44	31.00	1/2	11B	SH	1 1/4	1/8	2	2B44	48.00	1/16	1B	SH	1 1/4	7/16	4
4.2	4.6	4.95	1B46	32.00	7/16	5B	SDS	1 5/16	0	2	2B46	50.00	0	4B	SDS	1 5/16	7/16	4
4.4	4.8	5.15	1B48	33.00	7/16	5B	SDS	1 5/16	0	3	2B48	52.00	0	4B	SDS	1 5/16	7/16	4
4.6	5.0	5.35	1B50	34.00	7/16	5B	SDS	1 5/16	0	3	2B50	54.00	0	4B	SDS	1 5/16	7/16	5
4.8	5.2	5.55	1B52	35.00	7/16	5B	SDS	1 5/16	0	3	2B52	56.00	0	4B	SDS	1 5/16	7/16	5
5.0	5.4	5.75	1B54	36.00	7/16	5B	SDS	1 5/16	0	4	2B54	58.00	0	4B	SDS	1 5/16	7/16	6
5.2	5.6	5.95	1B56	37.00	7/16	5B	SDS	1 5/16	0	4	2B56	60.00	0	4B	SDS	1 5/16	7/16	6
5.4	5.8	6.15	1B58	38.00	7/16	5B	SDS	1 5/16	0	4	2B58	62.00	0	4B	SDS	1 5/16	7/16	6
5.6	6.0	6.35	1B60	40.00	7/16	5B	SDS	1 5/16	0	5	2B60	64.00	0	4W	SDS	1 5/16	7/16	6
5.8	6.2	6.55	1B62	42.00	7/16	5B	SDS	1 5/16	0	5	2B62	66.00	0	4W	SDS	1 5/16	7/16	7
6.0	6.4	6.75	1B64	44.00	7/16	5B	SDS	1 5/16	0	6	2B64	68.00	0	4W	SDS	1 5/16	7/16	7
6.2	6.6	6.95	1B66	48.00	7/16	5B	SDS	1 5/16	0	6	2B66	69.00	0	4W	SDS	1 5/16	7/16	8
6.4	6.8	7.15	1B68	50.00	7/16	5B	SDS	1 5/16	0	6	2B68	71.00	0	4W	SDS	1 5/16	7/16	8
6.6	7.0	7.35	1B70	52.00	9/16	6A	SDS	1 5/16	1/4	6	2B70	72.00	3/8	6W	SK	1 7/8	1/4	9
7.0	7.4	7.75	1B74	56.00	9/16	6A	SDS	1 5/16	1/4	6	2B74	73.00	3/8	6W	SK	1 7/8	1/4	10
7.6	8.0	8.35	1B80	58.00	9/16	6A	SDS	1 5/16	1/4	7	2B80	74.00	3/8	6W	SK	1 7/8	1/4	11
8.2	8.6	8.95	1B86	62.00	9/16	6A	SDS	1 5/16	1/4	8	2B86	76.00	3/8	6A	SK	1 7/8	1/4	12
8.6	9.0	9.35	1B90	63.00	9/16	6A	SDS	1 5/16	1/4	9	2B90	77.00	3/8	6A	SK	1 7/8	1/4	12
9.0	9.4	9.75	1B94	64.00	9/16	6A	SDS	1 5/16	1/4	9	2B94	78.00	3/8	6A	SK	1 7/8	1/4	13
10.6	11.0	11.35	1B110	76.00	9/16	6A	SDS	1 5/16	1/4	11	2B110	92.00	3/8	6A	SK	1 7/8	1/4	15
12.0	12.4	12.75	1B124	90.00	9/16	6A	SDS	1 5/16	1/4	12	2B124	100.00	9/16	6A	SK	1 7/8	7/16	18
13.2	13.6	13.95	1B136	96.00	9/16	6A	SDS	1 5/16	1/4	13	2B136	120.00	3/8	6A	SK	1 7/8	1/4	24
15.0	15.4	15.75	1B154	116.00	11/16	5A	SK	1 7/8	3/16	20	2B154	168.00	3/8	6A	SK	1 7/8	1/4	25
15.6	16.0	16.35	1B160	136.00	7/8	5A	SK	1 7/8	0	22	2B160	178.00	3/8	6A	SK	1 7/8	1/4	27.4
18.0	18.4	18.75	1B184	156.00	15/16	5A	SK	1 7/8	1/16	28	2B184	224.00	3/8	6A	SK	1 7/8	1/4	38
19.6	20.0	20.35	1B200	230.00	13/16	5A	SK	1 7/8	1/16	30	2B200	260.00	11/16	6A	SF	2	7/16	47
24.6	25.0	25.35	1B250	350.00	15/16	5A	SK	1 7/8	1/16	40	2B250	396.00	3/8	5A	SF	2	1/8	60
29.6	30.0	30.35	-	-	-	-	-	-	-	-	2B300	440.00	7/16	6A	SF	2	3/16	75
37.6	38.0	38.35	-	-	-	-	-	-	-	-	2B380	840.00	11/32	6A	SF	2	3/32	100



Type 4

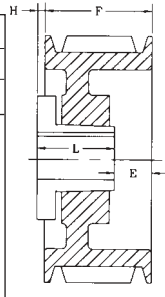
Datum dia.		O.D.	Part No	List Price	5 GROOVES						6 GROOVES							
A(4L) Belts	B(5L) Belts				F = 4 inches						Part No	List Price	F = 4 3/4 inches					
					H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
3.0	3.4	3.75	5B34	74.00	1	10B	SD	1 13/16	3 3/16	5	6B34	98.00	1 3/32	10B	SD	1 13/16	4 1/32	6
3.2	3.6	3.95	5B36	76.00	1	10B	SD	1 13/16	3 3/16	6	6B36	100.00	1 3/32	10B	SD	1 13/16	4 1/32	7
3.4	3.8	4.15	5B38	78.00	1	10B	SD	1 13/16	3 3/16	6	6B38	102.00	1 3/32	10B	SD	1 13/16	4 1/32	7
3.6	4.0	4.35	5B40	80.00	11/16	11B	SD	1 13/16	2 7/8	6	6B40	104.00	11/16	11B	SD	1 13/16	3 5/8	7
3.8	4.2	4.55	5B42	82.00	11/16	11B	SD	1 13/16	2 7/8	7	6B42	106.00	11/16	11B	SD	1 13/16	3 5/8	8
4.0	4.4	4.75	5B44	84.00	11/16	11B	SD	1 13/16	2 7/8	7	6B44	110.00	11/16	11B	SD	1 13/16	3 5/8	9
4.2	4.6	4.95	5B46	86.00	5/8	1B	SD	1 13/16	1 9/16	7	6B46	112.00	5/8	1B	SD	1 13/16	2 5/16	9
4.4	4.8	5.15	5B48	90.00	5/8	1B	SD	1 13/16	1 9/16	9	6B48	114.00	5/8	1B	SD	1 13/16	2 5/16	10
4.6	5.0	5.35	5B50	92.00	5/8	1B	SD	1 13/16	1 9/16	10	6B50	116.00	5/8	1B	SD	1 13/16	2 5/16	11
4.8	5.2	5.55	5B52	94.00	5/8	1B	SD	1 13/16	1 9/16	10	6B52	118.00	5/8	1B	SD	1 13/16	2 5/16	11
5.0	5.4	5.75	5B54	96.00	1/2	1B	SK	1 7/8	1 5/8	10	6B54	120.00	1/2	1B	SK	1 7/8	2 3/8	11
5.2	5.6	5.95	5B56	98.00	1/2	1B	SK	1 7/8	1 5/8	11	6B56	122.00	1/2	1B	SK	1 7/8	2 3/8	13.4
5.4	5.8	6.15	5B58	100.00	1/2	1B	SK	1 7/8	1 5/8	12	6B58	124.00	1/2	1B	SK	1 7/8	2 3/8	15.5
5.6	6.0	6.35	5B60	106.00	1/2	1B	SK	1 7/8	1 5/8	12	6B60	126.00	1/2	1B	SK	1 7/8	2 3/8	15
5.8	6.2	6.55	5B62	110.00	1/2	1B	SK	1 7/8	1 5/8	14	6B62	130.00	1/2	1B	SK	1 7/8	2 3/8	15
6.0	6.4	6.75	5B64	116.00	1/2	1B	SK	1 7/8	1 5/8	14	6B64	134.00	1/2	1B	SK	1 7/8	2 3/8	16
6.2	6.6	6.95	5B66	120.00	1/2	1B	SK	1 7/8	1 5/8	15	6B66	138.00	1/2	1B	SK	1 7/8	2 3/8	17
6.4	6.8	7.15	5B68	124.00	1/2	1B	SK	1 7/8	1 5/8	16	6B68	142.00	1/2	1B	SK	1 7/8	2 3/8	18
6.6	7.0	7.35	5B70	132.00	1/2	1B	SF	2	1 1/2	16	6B70	150.00	7/8	1B	SF	2	1 7/8	19
7.0	7.4	7.75	5B74	150.00	1/2	1B	SF	2	1 1/2	18	6B74	204.00	7/8	1B	SF	2	1 7/8	20
7.6	8.0	8.35	5B80	154.00	1/2	1W	SF	2	1 1/2	19	6B80	208.00	7/8	1W	SF	2	1 7/8	24
8.2	8.6	8.95	5B86	164.00	1/2	1W	SF	2	1 1/2	21	6B86	220.00	7/8	1W	SF	2	1 7/8	26
8.6	9.0	9.35	5B90	168.00	1/2	1A	SF	2	1 1/2	21								
9.0	9.4	9.75	5B94	172.00	1/2	1A	SF	2	1 1/2	22	6B94	230.00	7/8	1W	SF	2	1 7/8	30
10.6	11.0	11.35	5B110	194.00	1/2	1A	SF	2	1 1/2	29	6B110	248.00	7/8	1A	SF	2	1 7/8	30
12.0	12.4	12.75	5B124	208.00	1/2	1A	SF	2	1 1/2	33	6B124	276.00	7/8	1A	SF	2	1 7/8	37
13.2	13.6	13.95	5B136	240.00	1/2	1A	SF	2	1 1/2	39	6B136	280.00	1 3/32	1A	SF	2	1 21/32	39
15.0	15.4	15.75	5B154	268.00	1/2	1A	SF	2	1 1/2	43	6B154	300.00	1 3/32	1A	SF	2	1 21/32	51.4
15.6	16.0	16.35	5B160	294.00	1/2	1A	SF	2	1 1/2	46	6B160	328.00	7/8	1A	SF	2	1 7/8	54.6
18.0	18.4	18.75	5B184	316.00	1/2	1A	SF	2	1 1/2	54	6B184	348.00	1 3/32	1A	SF	2	1 21/32	59
19.6	20.0	20.35	5B200	390.00	3/16	1A	E	2 5/8	1 3/16	77.5	6B200	464.00	3/16	1A	E	2 5/8	1 15/16	96.9
24.6	25.0	25.35	5B250	500.00	3/16	1A	E	2 5/8	1 3/16	108	6B250	580.00	5/16	1A	E	2 5/8	1 13/16	120
29.6	30.0	30.35	5B300	696.00	3/16	1A	E	2 5/8	1 3/16	131	6B300	780.00	5/16	1A	E	2 5/8	1 13/16	151
37.6	38.0	38.35	5B380	1080.00	3/16	1A	E	2 3/8	1 3/16	169	6B380	1120.00	5/16	1A	E	2 5/8	1 13/16	157

P.D. for "A" (4L) Belts = Datum Dia. + .35" = O.D. - .40"

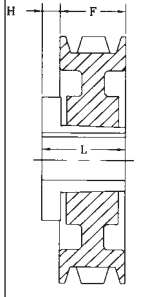
P.D. for "B" (5L) Belts = O.D.

* = These sheaves can only be reverse mounted with standard bushing bolts. Specials bolts (not provided by Maska) are required for standard mount. (see page 10)

Datum dia.			3 GROOVES			4 GROOVES												
"A" Belts	"B" Belts	O.D.	Part No	List Price	F = 2 1/2 inches						Part No	List Price	F = 3 1/4 inches					
					H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
3.0	3.4	3.75	3B34	44.00	5/8	11B	SH	1 1/4	1 7/8	3	4B34	64.00	1	10B	SD	1 13/16	2 7/16	4
3.2	3.6	3.95	3B36	46.00	5/8	11B	SH	1 1/4	1 7/8	4	4B36	66.00	1	10B	SD	1 13/16	2 7/16	5
3.4	3.8	4.15	3B38	48.00	5/8	11B	SH	1 1/4	1 7/8	4	4B38	68.00	1	10B	SD	1 13/16	2 7/16	6
3.6	4.0	4.35	3B40	50.00	5/8	11B	SH	1 1/4	1 7/8	4	4B40	70.00	11/16	11B	SD	1 13/16	2 1/8	5
3.8	4.2	4.55	3B42	52.00	7/16	1B	SH	1 1/4	13/16	4	4B42	72.00	11/16	11B	SD	1 13/16	2 1/8	6
4.0	4.4	4.75	3B44	54.00	7/16	1B	SH	1 1/4	13/16	5	4B44	74.00	11/16	11B	SD	1 13/16	2 1/8	6
4.2	4.6	4.95	3B46	56.00	3/8	1B	SD	1 13/16	5/16	5	4B46	76.00	5/8	11B	SD	1 13/16	13/16	7
4.4	4.8	5.15	3B48	58.00	3/8	1B	SD	1 13/16	5/16	6	4B48	78.00	5/8	1B	SD	1 13/16	13/16	8
4.6	5.0	5.35	3B50	60.00	3/8	1B	SD	1 13/16	5/16	7	4B50	80.00	5/8	1B	SD	1 13/16	13/16	8
4.8	5.2	5.55	3B52	62.00	3/8	1B	SD	1 13/16	5/16	7	4B52	82.00	5/8	1B	SD	1 13/16	13/16	9
5.0	5.4	5.75	3B54	64.00	3/8	1B	SD	1 13/16	5/16	8	4B54	84.00	5/8	1B	SD	1 13/16	13/16	10
5.2	5.6	5.95	3B56	66.00	3/8	1B	SD	1 13/16	5/16	9	4B56	86.00	5/8	1B	SD	1 13/16	13/16	10
5.4	5.8	6.15	3B58	68.00	3/8	1W	SD	1 13/16	5/16	9	4B58	88.00	5/8	1W	SD	1 13/16	13/16	11
5.6	6.0	6.35	3B60	70.00	3/8	1W	SD	1 13/16	5/16	10	4B60	90.00	5/8	1W	SD	1 13/16	13/16	11
5.8	6.2	6.55	3B62	72.00	3/8	1W	SD	1 13/16	5/16	10	4B62	92.00	5/8	1W	SD	1 13/16	13/16	12
6.0	6.4	6.75	3B64	76.00	3/8	1W	SD	1 13/16	5/16	10	4B64	96.00	5/8	1W	SD	1 13/16	13/16	11
6.2	6.6	6.95	3B66	78.00	3/8	1W	SD	1 13/16	5/16	10	4B66	100.00	5/8	1W	SD	1 13/16	13/16	11
6.4	6.8	7.15	3B68	80.00	3/8	1W	SD	1 13/16	5/16	11	4B68	104.00	5/8	1W	SD	1 13/16	13/16	12
6.6	7.0	7.35	3B70	82.00	1/8	6W	SK	1 7/8	3/4	12	4B70	108.00	3/16	1W	SK	1 7/8	1 3/16	13
7.0	7.4	7.75	3B74	84.00	1/8	6W	SK	1 7/8	3/4	12	4B74	112.00	3/16	1W	SK	1 7/8	1 3/16	15
7.6	8.0	8.35	3B80	88.00	1/8	6W	SK	1 7/8	3/4	13	4B80	116.00	3/16	1W	SK	1 7/8	1 3/16	15
8.2	8.6	8.95	3B86	96.00	1/8	6A	SK	1 7/8	3/4	14	4B86	124.00	3/16	1A	SK	1 7/8	1 3/16	17
8.6	9.0	9.35	3B90	100.00	1/8	6A	SK	1 7/8	3/4	15	4B90	131.00	3/16	1A	SK	1 7/8	1 3/16	17
9.0	9.4	9.75	3B94	104.00	1/8	6A	SK	1 7/8	3/4	17	4B94	138.00	3/16	1A	SK	1 7/8	1 3/16	19
10.6	11.0	11.35	3B110	124.00	1/8	6A	SK	1 7/8	3/4	21	4B110	152.00	3/16	1A	SK	1 7/8	1 3/16	25
12.0	12.4	12.75	3B124	144.00	1/8	6A	SK	1 7/8	3/4	25	4B124	170.00	3/16	1A	SK	1 7/8	1 3/16	28
13.2	13.6	13.95	3B136	156.00	1/8	6A	SK	1 7/8	3/4	28	4B136	204.00	3/16	1A	SK	1 7/8	1 3/16	32
15.0	15.4	15.75	3B154	200.00	1/8	6A	SK	1 7/8	3/4	30	4B154	224.00	3/16	1A	SF	2	1 1/16	38
15.6	16.0	16.35	3B160	212.00	1/8	6A	SK	1 7/8	3/4	32	4B160	244.00	3/16	1A	SF	2	1 1/16	41
18.0	18.4	18.75	3B184	244.00	1/8	6A	SK	1 7/8	3/4	41	4B184	260.00	3/16	1A	SF	2	1 1/16	48
19.6	20.0	20.35	3B200	324.00	3/16	4A	SF	2	11/16	55.6	4B200	364.00	3/16	1A	SF	2	1 1/16	60
24.6	25.0	25.35	3B250	440.00	3/16	4A	SF	2	11/16	76.1	4B250	480.00	1/16	6A	E	2 5/8	11/16	93
29.6	30.0	30.35	3B300	500.00	3/16	4A	SF	2	11/16	96	4B300	560.00	1/16	6A	E	2 5/8	11/16	120
37.6	38.0	38.35	3B380	880.00	3/8	6A	E	2 5/8	1/4	145	4B380	980.00	0	1A	E	2 5/8	5/8	162

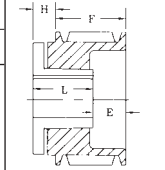


Type 6

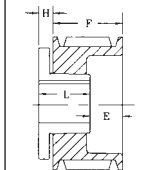


Type 7

Datum dia.			7 GROOVES						8 GROOVES									
"A" Belts	"B" Belts	O.D.	Part No	List Price	F = 5 1/2 inches						Part No	List Price	F = 6 1/4 inches					
					H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
3.0	3.4	3.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.2	3.6	3.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.4	3.8	4.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.6	4.0	4.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.8	4.2	4.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4.0	4.4	4.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4.2	4.6	4.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4.4	4.8	5.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4.6	5.0	5.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4.8	5.2	5.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5.0	5.4	5.75	7B54	P R I C E O N R E Q U E S T	1	1B	SK	1 7/8	2 5/8	13	8B54	180.00	1	1B	SK	1 7/8	3 3/8	15
5.2	5.6	5.95	7B56		1	1B	SK	1 7/8	2 5/8	15	8B56	184.00	1	1B	SK	1 7/8	3 3/8	17
5.4	5.8	6.15	7B58		1	1B	SK	1 7/8	2 5/8	15	8B58	188.00	1	1B	SK	1 7/8	3 3/8	16
5.6	6.0	6.35	7B60		1	1B	SF	2	2 1/2	14	8B60	192.00	1	1B	SF	2	3 1/4	16
5.8	6.2	6.55	7B62		1	1B	SF	2	2 1/2	16	8B62	196.00	1	1B	SF	2	3 1/4	18
6.0	6.4	6.75	7B64		1	1B	SF	2	2 1/2	17	8B64	200.00	1	1B	SF	2	3 1/4	19
6.2	6.6	6.95	7B66		1	1B	SF	2	2 1/2	17	8B66	208.00	1	1B	SF	2	3 1/4	20
6.4	6.8	7.15	7B68		1	1B	SF	2	2 1/2	18	8B68	212.00	1	1B	SF	2	3 1/4	21
6.6	7.0	7.35	7B70		1	1B	SF	2	2 1/2	20	8B70	260.00	1	1B	SF	2	3 1/4	22
7.0	7.4	7.75	7B74		1	1B	SF	2	2 1/2	23	8B74	284.00	1	1B	SF	2	3 1/4	25
7.6	8.0	8.35	-	-	-	-	-	-	-	-	8B80	288.00	1 5/16	1B	E	2 5/8	2 5/16	29
8.2	8.6	8.95	7B86	1	1B	E	2 5/8	1 7/8	31	8B86	292.00	1 5/16	1B	E	2 5/8	2 5/16	33	
9.0	9.4	9.75	7B94	1	1B	E	2 5/8	1 7/8	34	8B94	300.00	1 5/16	1B	E	2 5/8	2 5/16	36	
10.6	11.0	11.35	7B110	1	1B	E	2 5/8	1 7/8	36	8B110	356.00	1 5/16	1B	E	2 5/8	2 5/16	46	
12.0	12.4	12.75	7B124	1	1W	E	2 5/8	1 7/8	42	8B124	372.00	1 5/16	1W	E	2 5/8	2 5/16	53	
13.2	13.6	13.95	7B136	1	1A	E	2 5/8	1 7/8	49	8B136	452.00	1 3/8	1A	E	2 5/8	2 1/4	59	
15.0	15.4	15.75	7B154	1	1A	E	2 5/8	1 7/8	57	8B154	500.00	1 3/8	1A	E	2 5/8	2 1/4	69	
15.6	16.0	16.35	7B160	1	1A	E	2 5/8	1 7/8	70	8B160	572.00	1 5/16	1A	E	2 5/8	2 5/16	71	
18.0	18.4	18.75	7B184	3/32	1A	F	3 5/8	1 25/32	80	8B184	636.00	3/32	1A	F	3 5/8	2 17/32	108	
19.6	20.0	20.35	7B200	3/32	1A	F	3 5/8	1 25/32	97	8B200	690.00	3/32	1A	F	3 5/8	2 17/32	114	
24.6	25.0	25.35	7B250	3/32	1A	F	3 5/8	1 25/32	117	8B250	880.00	3/32	1A	F	3 5/8	2 17/32	152	
29.6	30.0	30.35	7B300	3/32	1A	F	3 5/8	1 25/32	155	8B300	1260.00	3/32	1A	F	3 5/8	2 17/32	186	
37.6	38.0	38.35	7B380	3/32	1A	F	3 5/8	1 25/32	205	8B380	1740.00	3/32	1A	F	3 5/8	2 17/32	220	



Type 10



Type 11

All dimensions are to closest fraction
For mounting instructions, see page 10

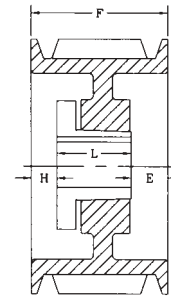
"B": Bushing size
Suffix on type indicates construction: A = arms; B = block; W = web.

CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

Datum dia. "A" Belts	"B" Belts	O.D.	Part No	List Price	9 GROOVES						10 GROOVES								
					F = 7 inches						Part No	List Price	F = 7 3/4 inches						
					H	Type	B	L	E	Wt			H	Type	B	L	E	Wt	
3.0	3.4	3.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2	3.6	3.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4	3.8	4.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.6	4.0	4.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.8	4.2	4.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.0	4.4	4.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2	4.6	4.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.4	4.8	5.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.6	5.0	5.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.8	5.2	5.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.0	5.4	5.75	9B54	P R I C E O N R E Q U E S T	1 15/32	1W	SK	1 7/8	3 21/32	15	10B54	280.00	1 3/4	1W	SK	1 7/8	4 1/8	16	
5.2	5.6	5.95	9B56		1 15/32	1W	SK	1 7/8	3 21/32	16	10B56	288.00	1 3/4	1W	SK	1 7/8	4 1/8	17	
5.4	5.8	6.15	9B58		1 15/32	1W	SK	1 7/8	3 21/32	17	10B58	296.00	1 3/4	1W	SK	1 7/8	4 1/8	18	
5.6	6.0	6.35	9B60		1 15/32	1W	SF	2	3 17/32	18	10B60	304.00	1 3/4	1W	SF	2	4	19	
5.8	6.2	6.55	9B62		1 15/32	1W	SF	2	3 17/32	18	10B62	312.00	1 3/4	1W	SF	2	4	20	
6.0	6.4	6.75	9B64		1 15/32	1W	SF	2	3 17/32	19	10B64	320.00	1 3/4	1W	SF	2	4	21	
6.2	6.6	6.95	9B66		1 15/32	1W	SF	2	3 17/32	20	10B66	332.00	1 3/4	1W	SF	2	4	21	
6.4	6.8	7.15	9B68		1 15/32	1W	SF	2	3 17/32	21	10B68	344.00	1 3/4	1W	SF	2	4	22	
6.6	7.0	7.35	9B70		1 15/32	1W	SF	2	3 17/32	22	10B70	352.00	1 3/4	1W	SF	2	4	23	
7.0	7.4	7.75	9B74		1 15/32	1W	SF	2	3 17/32	23	10B74	360.00	1 3/4	1W	SF	2	4	24	
7.6	8.0	8.35	9B80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.2	8.6	8.95	9B86	1 3/4	1W	E	2 5/8	2 5/8	28	10B86	372.00	2 1/16	1W	E	2 5/8	3 1/16	39.6		
9.0	9.4	9.75	9B94	1 3/4	1W	E	2 5/8	2 5/8	37	10B94	420.00	2 1/16	1W	E	2 5/8	3 1/16	40		
10.6	11.0	11.35	9B110	1 3/4	1W	E	2 5/8	2 5/8	48	10B110	520.00	2 1/16	1W	E	2 5/8	3 1/16	52		
12.0	12.4	12.75	9B124	1 3/4	1A	E	2 5/8	2 5/8	55	10B124	532.00	2 1/16	1W	E	2 5/8	3 1/16	58		
13.2	13.6	13.95	9B136	29/32	1A	F	3 5/8	2 15/32	65	10B136	636.00	27/32	1A	F	3 5/8	3 9/32	73		
15.0	15.4	15.75	9B154	29/32	1A	F	3 5/8	2 15/32	78	10B154	680.00	27/32	1A	F	3 5/8	3 9/32	87		
15.6	16.0	16.35	9B160	29/32	1A	F	3 5/8	2 15/32	90	10B160	760.00	27/32	1A	F	3 5/8	3 9/32	100		
18.0	18.4	18.75	9B184	29/32	1A	F	3 5/8	2 15/32	100	10B184	800.00	27/32	1A	F	3 5/8	3 9/32	110		
19.6	20.0	20.35	9B200	29/32	1A	F	3 5/8	2 15/32	110	10B200	860.00	27/32	1A	F	3 5/8	3 9/32	120		
24.6	25.0	25.35	9B250	25/32	1A	F	3 5/8	2 15/32	138	10B250	1160.00	27/32	1A	F	3 5/8	3 9/32	148		
29.6	30.0	30.35	9B300	25/32	1A	F	3 5/8	2 15/32	180	10B300	1380.00	27/32	1A	F	3 5/8	3 9/32	190		
37.6	38.0	38.35	9B380	7/32	1A	J	4 1/2	2 9/32	220	10B380	1780.00	7/32	1A	J	4 1/2	3 1/32	260		

P.D. for "A" (4L) Belts = Datum Dia. + .35" = O.D. - .40"
P.D. for "B" (5L) Belts = O.D.

All dimensions are to closest fraction
"B": Bushing size
For mounting instructions, see page 10
Suffix on type indicates construction: A = arms; B = block; W = web.

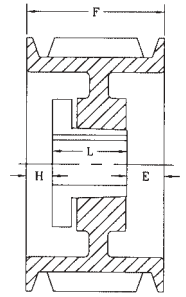


Type 1

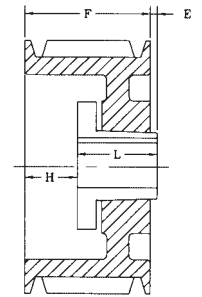
"QD" bushings is a registered trademark and manufactured by Maska under license.

CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

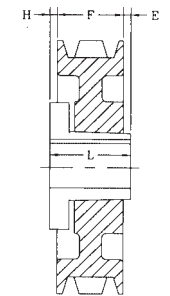
Datum Dia.	O.D.	1 GROOVE								2 GROOVES							
		Part No	List Price	F = 1 3/8 inches						Part No	List Price	F = 2 3/8 inches					
				H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
5.0	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.0	6.4	-	-	-	-	-	-	-	-	2C60	126.00	1/16	1B	SF	2	5/16	11
7.0	7.4	1C70	112.00	9/16	5B	SF	2	1/16	10	2C70	132.00	0	1B	SF	2	3/8	13
7.5	7.9	1C75	120.00	9/16	5B	SF	2	1/16	11	2C75	136.00	0	1B	SF	2	3/8	15
8.0	8.4	1C80	124.00	9/16	5B	SF	2	1/16	13.2	2C80	144.00	0	1B	SF	2	3/8	17
8.5	8.9	1C85	128.00	9/16	5B	SF	2	1/16	15.6	2C85	148.00	0	1B	SF	2	3/8	19
9.0	9.4	1C90	132.00	19/32	5W	SF	2	1/32	13	2C90	152.00	0	1W	SF	2	3/8	21
9.5	9.9	1C95	136.00	19/32	5W	SF	2	1/32	18	2C95	160.00	0	1W	SF	2	3/8	22
10.0	10.4	1C100	140.00	11/16	6W	SF	2	1/16	14	2C100	176.00	0	1W	SF	2	3/8	21.8
10.5	10.9	1C105	152.00	11/16	6W	SF	2	1/16	20	2C105	188.00	0	1W	SF	2	3/8	23
11.0	11.4	1C110	172.00	17/32	5W	SF	2	3/32	15	2C110	200.00	0	1W	SF	2	3/8	26
12.0	12.4	1C120	184.00	11/16	6W	SF	2	1/16	16	2C120	210.00	1/4	6W	SF	2	9/16	37
13.0	13.4	1C130	240.00	11/16	6A	SF	2	1/16	18	2C130	250.00	1/4	6A	SF	2	5/8	35
14.0	14.4	1C140	260.00	11/16	6A	SF	2	1/16	20	2C140	270.00	1/4	6A	SF	2	5/8	40
16.0	16.4	1C160	280.00	11/16	6A	SF	2	1/16	24	2C160	290.00	1/4	6A	SF	2	5/8	40
18.0	18.4	1C180	300.00	11/16	6A	SF	2	1/16	32	2C180	310.00	1/4	6A	SF	2	5/8	50
20.0	20.4	1C200	320.00	11/16	6A	SF	2	1/16	35	2C200	340.00	1/4	6A	SF	2	5/8	55
24.0	24.4	1C240	360.00	11/16	6A	SF	2	1/16	46.9	2C240	460.00	1/4	6A	SF	2	5/8	73.1
27.0	27.4	-	-	-	-	-	-	-	-	2C270	550.00	29/32	5A	F	3 5/8	11/32	94
30.0	30.4	-	-	-	-	-	-	-	-	2C300	620.00	29/32	5A	F	3 5/8	11/32	104
36.0	36.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44.0	44.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50.0	50.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Type 1



Type 2



Type 5

Datum Dia.	O.D.	3 GROOVES								4 GROOVES							
		Part No	List Price	F = 3 3/8 inches						Part No	List Price	F = 4 3/8 inches					
				H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
5.0	5.4	3C50	136.00	5/16	1B	SD	1 13/16	1 1/4	9	4C50	156.00	5/8	1B	SD	1 13/16	1 15/16	10.2
5.0	5.4	3C50SK	136.00	13/16	11B	SK	1 7/8	2 5/16	10.5	4C50SK	156.00	13/16	11B	SK	1 7/8	3 5/16	12.0
5.6	6.0	3C56	138.00	5/16	1B	SD	1 13/16	1 1/4	10	4C56	158.00	7/8	1B	SD	1 13/16	1 11/16	13.0
6.0	6.4	3C60	140.00	1/16	1B	SF	2	1 5/16	11.3	4C60	160.00	13/16	1B	SF	2	3 3/16	15.0
7.0	7.4	3C70	144.00	1/2	1B	SF	2	7/8	16	4C70	164.00	3/4	1B	SF	2	1 5/8	19.0
7.5	7.9	3C75	148.00	1/2	1B	SF	2	7/8	18	4C75	172.00	3/4	1B	SF	2	1 5/8	22.0
8.0	8.4	3C80	156.00	11/16	2B	E	2 5/8	1/16	21	4C80	196.00	15/16	1B	E	2 5/8	13/16	24.0
8.5	8.9	3C85	176.00	11/16	2B	E	2 5/8	1/16	24	4C85	208.00	15/16	2B	E	2 5/8	13/16	28.0
9.0	9.4	3C90	188.00	11/16	2B	E	2 5/8	1/16	26	4C90	224.00	15/16	2B	E	2 5/8	13/16	31.0
9.5	9.9	3C95	200.00	11/16	2W	E	2 5/8	1/16	29.8	4C95	228.00	15/16	2B	E	2 5/8	13/16	34.8
10.0	10.4	3C100	220.00	11/16	2W	E	2 5/8	1/16	34	4C100	240.00	15/16	2B	E	2 5/8	13/16	40.0
10.5	10.9	3C105	230.00	11/16	2W	E	2 5/8	1/16	37	4C105	260.00	15/16	2W	E	2 5/8	13/16	43.0
11.0	11.4	3C110	240.00	11/16	2W	E	2 5/8	1/16	39	4C110	272.00	15/16	2W	E	2 5/8	13/16	44.0
12.0	12.4	3C120	250.00	11/16	2W	E	2 5/8	1/16	43.4	4C120	300.00	15/16	2W	E	2 5/8	13/16	50.0
13.0	13.4	3C130	290.00	11/16	2A	E	2 5/8	1/16	45	4C130	336.00	15/16	2A	E	2 5/8	13/16	52.0
14.0	14.4	3C140	320.00	11/16	2A	E	2 5/8	1/16	50	4C140	364.00	15/16	2A	E	2 5/8	13/16	57.0
16.0	16.4	3C160	330.00	11/16	2A	E	2 5/8	1/16	60	4C160	420.00	15/16	2A	E	2 5/8	13/16	67.0
18.0	18.4	3C180	350.00	11/16	2A	E	2 5/8	1/16	63	4C180	430.00	15/16	2A	E	2 5/8	13/16	72.0
20.0	20.4	3C200	400.00	1/16	6A	E	2 5/8	13/16	81	4C200	450.00	7/16	1A	E	2 5/8	1 5/16	86.0
24.0	24.4	3C240	480.00	1/16	6A	E	2 5/8	13/16	94.7	4C240	560.00	3/32	1A	F	3 5/8	21/32	113.0
27.0	27.4	3C270	580.00	13/32	5A	F	3 5/8	5/32	116	4C270	660.00	3/32	1A	F	3 5/8	21/32	140.0
30.0	30.4	3C300	640.00	13/32	5A	F	3 5/8	5/32	134.4	4C300	760.00	3/32	1A	F	3 5/8	21/32	149.0
36.0	36.4	3C360	980.00	13/32	5A	F	3 5/8	5/32	159	4C360	1120.00	5/32	1A	F	3 5/8	19/32	185.0
44.0	44.4	3C440	1720.00	13/32	5A	F	3 5/8	5/32	190	4C440	1800.00	7/32	2A	J	4 1/2	11/32	225.0
50.0	50.4	3C500	1920.00	13/32	5A	F	3 5/8	5/32	250	4C500	2120.00	7/32	2A	J	4 1/2	11/32	275.0

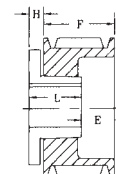
P.D. for "C" Belts same as O.D.

All dimensions are to closest fraction

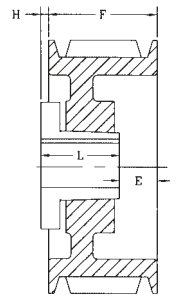
"B": Bushing size

For mounting instructions, see page 10

Suffix on type indicates construction: A = arms; B = block; W = web.



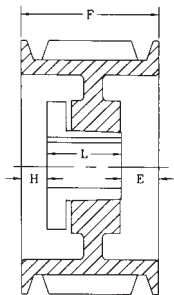
Type 11



Type 6

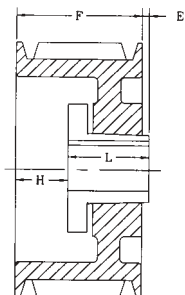
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Type 1

Datum Dia.	O.D.	5 GROOVES								6 GROOVES							
		Part No	List Price	F = 5 3/8 inches						Part No	List Price	F = 6 3/8 inches					
				H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
5.0	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.0	6.4	5C60	172.00	1/16	1B	SF	2	3 5/16	16	6C60	244.00	1 1/16	1B	SF	2	3 5/16	24
7.0	7.4	5C70	176.00	1 1/8	1B	SF	2	2 1/4	23	6C70	248.00	1 1/8	1B	SF	2	3 1/4	26
7.5	7.9	5C75	224.00	1 1/8	1B	SF	2	2 1/4	25	6C75	264.00	1 1/8	1B	SF	2	3 1/4	29
8.0	8.4	5C80	236.00	1 5/16	1B	E	2 5/8	1 7/16	28	6C80	280.00	1 5/16	1B	E	2 5/8	2 7/16	31
8.5	8.9	5C85	252.00	1 5/16	1B	E	2 5/8	1 7/16	32	6C85	288.00	1 5/16	1B	E	2 5/8	2 7/16	35
9.0	9.4	5C90	256.00	1 5/16	1B	E	2 5/8	1 7/16	36	6C90	296.00	1 7/32	1B	F	3 5/8	1 17/32	44
9.5	9.9	5C95	262.00	1 5/16	1B	E	2 5/8	1 7/16	40	6C95	316.00	1 7/32	1B	F	3 5/8	1 17/32	49
10.0	10.4	5C100	276.00	1 5/16	1W	E	2 5/8	1 7/16	41	6C100	328.00	1 7/32	1B	F	3 5/8	1 17/32	56
10.5	10.9	5C105	296.00	1 5/16	1W	E	2 5/8	1 7/16	44	6C105	336.00	1 7/32	1B	F	3 5/8	1 17/32	56
11.0	11.4	5C110	332.00	1 5/16	1W	E	2 5/8	1 7/16	47	6C110	356.00	1 7/32	1W	F	3 5/8	1 17/32	59
12.0	12.4	5C120	336.00	1 5/16	1W	E	2 5/8	1 7/16	55	6C120	400.00	1 7/32	1W	F	3 5/8	1 17/32	66
13.0	13.4	5C130	376.00	1 5/16	1A	E	2 5/8	1 7/16	55	6C130	444.00	1 7/32	1A	F	3 5/8	2 17/32	66
14.0	14.4	5C140	380.00	1 5/16	1A	E	2 5/8	1 7/16	62	6C140	480.00	1 7/32	1A	F	3 5/8	1 17/32	75
16.0	16.4	5C160	430.00	1 5/16	1A	E	2 5/8	1 7/16	73	6C160	520.00	1 7/32	1A	F	3 5/8	1 17/32	86
18.0	18.4	5C180	480.00	1 5/16	1A	E	2 5/8	1 7/16	83	6C180	560.00	1 7/32	1A	F	3 5/8	1 17/32	100
20.0	20.4	5C200	600.00	3/32	1A	F	3 5/8	1 21/32	109	6C200	620.00	23/32	1A	F	3 5/8	2 1/32	119
24.0	24.4	5C240	640.00	3/32	1A	F	3 5/8	1 21/32	129	6C240	720.00	23/32	1A	F	3 5/8	2 1/32	141
27.0	27.4	5C270	760.00	3/32	1A	F	3 5/8	1 21/32	149	6C270	880.00	5/32	1A	J	4 1/2	1 23/32	173
30.0	30.4	5C300	840.00	3/32	1A	F	3 5/8	1 21/32	172	6C300	1040.00	5/32	1A	J	4 1/2	1 23/32	189
36.0	36.4	5C360	1180.00	7/32	1A	J	4 1/2	2 1/32	205	6C360	1300.00	7/32	1A	J	4 1/2	1 21/32	240
44.0	44.4	5C440	1940.00	7/32	1A	J	4 1/2	2 1/32	285	6C440	2040.00	7/32	1A	J	4 1/2	1 21/32	290
50.0	50.4	5C500	2280.00	7/32	1A	J	4 1/2	2 1/32	325	6C500	2680.00	11/32	2A	M*	6 3/4	23/32	430



Type 2

Datum Dia.	O.D.	9 GROOVES								10 GROOVES							
		Part No	List Price	F = 9 3/8 inches						Part No	List Price	F = 10 3/8 inches					
				H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
5.0	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.0	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.0	7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.5	7.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.0	8.4	9C80	-	2 3/16	1B	E	2 5/8	4 9/16	37	10C80	460.00	2 3/16	1B	E	2 5/8	5 9/16	46.3
8.5	8.9	9C85	-	2 3/16	1B	E	2 5/8	4 9/16	47	10C85	480.00	2 3/16	1B	E	2 5/8	5 9/16	52
9.0	9.4	9C90	-	2 5/32	1B	J	4 1/2	2 23/32	49	10C90	500.00	2 5/32	1B	J	4 1/2	3 23/32	54
9.5	9.9	9C95	-	2 5/32	1B	J	4 1/2	2 23/32	61	10C95	510.00	2 5/32	1B	J	4 1/2	3 23/32	67.4
10.0	10.4	9C100	-	2 5/32	1B	J	4 1/2	2 23/32	65	10C100	520.00	2 5/32	1B	J	4 1/2	3 23/32	77
10.5	10.9	9C105	-	2 5/32	1B	J	4 1/2	2 23/32	74	10C105	580.00	2 5/32	1B	J	4 1/2	3 23/32	85.7
11.0	11.4	9C110	-	2 5/32	1B	J	4 1/2	2 23/32	85	10C110	600.00	2 5/32	1B	J	4 1/2	3 23/32	93.5
12.0	12.4	9C120	-	2 5/32	1B	J	4 1/2	2 23/32	89	10C120	760.00	2 5/32	1B	J	4 1/2	3 23/32	111.8
13.0	13.4	9C130	-	2 5/32	1W	J	4 1/2	2 23/32	96	10C130	840.00	2 5/32	1W	J	4 1/2	3 23/32	105
14.0	14.4	9C140	-	2 5/32	1W	J	4 1/2	2 23/32	110	10C140	900.00	2 5/32	1W	J	4 1/2	3 23/32	114
16.0	16.4	9C160	-	2 5/32	1A	J	4 1/2	2 23/32	120	10C160	960.00	2 5/32	1A	J	4 1/2	3 23/32	140
18.0	18.4	9C180	-	2 5/32	1A	J	4 1/2	2 23/32	132	10C180	1080.00	2 5/32	1A	J	4 1/2	3 23/32	160
20.0	20.4	9C200	-	1 21/32	1A	J	4 1/2	3 7/32	160	10C200	1120.00	2 5/32	1A	J	4 1/2	3 23/32	165
24.0	24.4	9C240	-	1 21/32	1A	M*	4 1/2	3 7/32	170	10C240	1360.00	9/32	1A	M*	6 3/4	3 11/32	225
27.0	27.4	9C270	-	1 21/32	1A	J	4 1/2	3 7/32	200	-	-	-	-	-	-	-	-
30.0	30.4	9C300	-	9/32	1A	M*	6 3/4	2 11/32	260	10C300	1760.00	9/32	1A	M*	6 3/4	3 11/32	275
36.0	36.4	9C360	-	9/32	1A	M*	6 3/4	2 11/32	330	10C360	2560.00	9/32	1A	M*	6 3/4	3 11/32	340
44.0	44.4	9C440	-	9/32	1A	M*	6 3/4	2 11/32	450	10C440	2800.00	9/32	1A	M*	6 3/4	3 11/32	460
50.0	50.4	9C500	-	9/32	1A	M*	6 3/4	2 11/32	540	10C500	3500.00	9/32	1A	M*	6 3/4	3 11/32	550

P.D. for "C" Belts same as O.D.

All dimensions are to closest fraction

"B": Bushing size

For mounting instructions, see page 10

Suffix on type indicates construction: A = arms; B = block; W = web.

*Note: M-N-P-W bushings are standard mounting only.
See page 10



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CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

Datum Dia.	O.D.	7 GROOVES								8 GROOVES							
		Part No	List Price	F = 7 3/8 inches						Part No	List Price	F = 8 3/8 inches					
				H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
5.0	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.0	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.0	7.4	7C70	-	2 3/32	1B	SF	2	3 9/32	31	8C70	320.00	2 13/32	1B	SF	2	3 31/32	34
7.5	7.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.0	8.4	7C80	-	2 3/16	1B	E	2 5/8	2 9/16	34	8C80	390.00	2 3/16	1B	E	2 5/8	3 9/16	38.7
8.5	8.9	7C85	-	2 3/16	1B	E	2 5/8	2 9/16	38	8C85	400.00	2 3/16	1B	E	2 5/8	3 9/16	44
9.0	9.4	7C90	-	2 3/32	1B	F	3 5/8	1 21/32	45	8C90	410.00	2 3/32	1B	F	3 5/8	2 21/32	52.7
9.5	9.9	7C95	-	2 3/32	1B	F	3 5/8	1 21/32	53	8C95	420.00	2 3/32	1B	F	3 5/8	2 21/32	56
10.0	10.4	7C100	-	2 3/32	1B	F	3 5/8	1 21/32	58	8C100	430.00	2 3/32	1B	F	3 5/8	2 21/32	62
10.5	10.9	7C105	-	2 3/32	1B	F	3 5/8	1 21/32	58	8C105	450.00	2 3/32	1B	F	3 5/8	2 21/32	72
11.0	11.4	7C110	-	2 3/32	1B	F	3 5/8	1 21/32	73.8	8C110	480.00	2 3/32	1B	F	3 5/8	2 21/32	80
12.0	12.4	7C120	-	2 3/32	1B	F	3 5/8	1 21/32	69	8C120	520.00	2 3/32	1B	F	3 5/8	2 21/32	94
13.0	13.4	7C130	-	2 3/32	1W	F	3 5/8	1 21/32	82	8C130	560.00	2 3/32	1W	F	3 5/8	2 21/32	97
14.0	14.4	7C140	-	2 3/32	1A	F	3 5/8	1 21/32	80	8C140	650.00	2 3/32	1A	F	3 5/8	2 21/32	96
16.0	16.4	7C160	-	2 3/32	1A	F	3 5/8	1 21/32	98	8C160	740.00	2 3/32	1A	F	3 5/8	2 21/32	111
18.0	18.4	7C180	-	2 3/32	1A	F	3 5/8	1 21/32	110	8C180	860.00	2 3/32	1A	F	3 5/8	2 21/32	129
20.0	20.4	7C200	-	5/32	1A	J	4 1/2	2 23/32	133	8C200	870.00	5/32	1A	J	4 1/2	3 23/32	158
24.0	24.4	7C240	-	5/32	1A	J	4 1/2	2 23/32	150	8C240	1020.00	5/32	1A	J	4 1/2	3 23/32	173
27.0	27.4	7C270	-	5/32	1A	J	4 1/2	2 23/32	175	8C270	1120.00	5/32	1A	J	4 1/2	3 23/32	226
30.0	30.4	7C300	-	5/32	1A	J	4 1/2	2 23/32	220	8C300	1280.00	5/32	1A	J	4 1/2	3 23/32	272
36.0	36.4	7C360	-	5/32	1A	J	4 1/2	2 23/32	255	8C360	1600.00	9/32	1A	M*	6 3/4	1 11/32	370
44.0	44.4	7C440	-	9/32	1A	M*	6 3/4	1 11/32	370	8C440	2560.00	9/32	1A	M*	6 3/4	1 11/32	479
50.0	50.4	7C500	-	9/32	1A	M*	6 3/4	1 11/32	400	8C500	3000.00	9/32	1A	M*	6 3/4	1 11/32	570

Datum Dia.	O.D.	12 GROOVES							
		Part No	List Price	F = 12 3/8 inches					
				H	Type	B	L	E	Wt
5.0	5.4	-	-	-	-	-	-	-	-
6.0	6.4	-	-	-	-	-	-	-	-
7.0	7.4	-	-	-	-	-	-	-	-
7.5	7.9	-	-	-	-	-	-	-	-
8.0	8.4	-	-	-	-	-	-	-	-
8.5	8.9	-	-	-	-	-	-	-	-
9.0	9.4	12C90	700.00	2 21/32	1B	J	4 1/2	5 7/32	68
9.5	9.9	12C95	720.00	2 21/32	1B	J	4 1/2	5 7/32	75
10.0	10.4	12C100	740.00	2 21/32	1B	J	4 1/2	5 7/32	86
10.5	10.9	12C105	760.00	2 21/32	1B	J	4 1/2	5 7/32	96
11.0	11.4	12C110	780.00	2 21/32	1B	J	4 1/2	5 7/32	104
12.0	12.4	12C120	800.00	2 21/32	1B	J	4 1/2	5 7/32	118.7
13.0	13.4	12C130	920.00	2 21/32	1W	J	4 1/2	5 7/32	138
14.0	14.4	12C140	1180.00	2 21/32	1W	J	4 1/2	5 7/32	153
16.0	16.4	12C160	1360.00	2 21/32	1A	J	4 1/2	5 7/32	175
18.0	18.4	12C180	1400.00	2 21/32	1A	J	4 1/2	5 7/32	198
20.0	20.4	12C200	1480.00	9/32	1A	M*	6 3/4	5 11/32	237
24.0	24.4	12C240	1520.00	9/32	1A	M*	6 3/4	5 11/32	277
27.0	27.4	-	-	-	-	-	-	-	-
30.0	30.4	12C300	1780.00	9/32	1A	M*	6 3/4	5 11/32	357
36.0	36.4	12C360	2640.00	9/32	1A	M*	6 3/4	5 11/32	430
44.0	44.4	12C440	3200.00	9/32	1A	M*	6 3/4	5 11/32	520
50.0	50.4	12C500	3900.00	9/32	1A	M*	6 3/4	5 11/32	595

P.D. for "C" Belts same as O.D.

All dimensions are to closest fraction

"B": Bushing size

For mounting instructions, see page 10

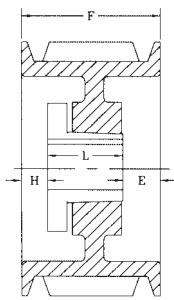
Suffix on type indicates construction: A = arms; B = block; W = web.

*Note: M-N-P-W bushings are standard mounting only.
See page 10

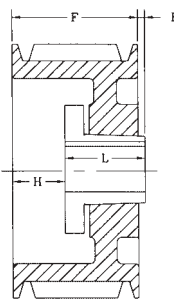


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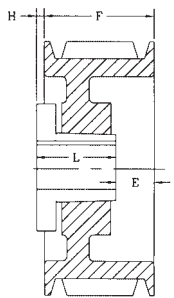
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Type 1



Type 2



Type 6

Datum Dia.	O.D.	3 GROOVES								4 GROOVES							
		Part No	List Price	F = 4 5/8 inches					Part No	List Price	F = 6 1/16 inches						
				H	Type	B	L	E			Wt	H	Type	B	L	E	Wt
12.0	12.6	3D120	560.00	9/32	1W	F	3 5/8	23/32	64	4D120	600.00	1 3/32	1W	F	3 5/8	1 11/32	77
13.0	13.6	3D130	600.00	9/32	1W	F	3 5/8	23/32	72	4D130	640.00	1 3/32	1W	F	3 5/8	1 11/32	85
13.5	14.1	3D135	620.00	9/32	1W	F	3 5/8	23/32	76	4D135	660.00	1 3/32	1W	F	3 5/8	1 11/32	90
14.0	14.6	3D140	640.00	9/32	1W	F	3 5/8	23/32	79	4D140	680.00	1 3/32	1W	F	3 5/8	1 11/32	95
14.5	15.1	3D145	680.00	9/32	1W	F	3 5/8	23/32	84	4D145	780.00	1 3/32	1W	F	3 5/8	1 11/32	100
15.0	15.6	3D150	720.00	9/32	1W	F	3 5/8	23/32	89	4D150	800.00	1 3/32	1W	F	3 5/8	1 11/32	107
15.5	16.1	3D155	740.00	9/32	1W	F	3 5/8	23/32	94	4D155	820.00	1 3/32	1W	F	3 5/8	1 11/32	112
16.0	16.6	3D160	760.00	9/32	1A	F	3 5/8	23/32	95	4D160	840.00	1 3/32	1A	F	3 5/8	1 11/32	110
17.0	17.6	-	-	-	-	-	-	-	-	4D170	940.00	1 5/32	1A	J	4 1/2	13/32	127
18.0	18.6	3D180	800.00	7/32	6A	J	4 1/2	11/32	115	4D180	960.00	1 5/32	1A	J	4 1/2	13/32	131
20.0	20.6	-	-	-	-	-	-	-	-	4D200	980.00	1 5/32	1A	J	4 1/2	13/32	145
22.0	22.6	3D220	960.00	7/32	6A	J	4 1/2	11/32	135	4D220	1000.00	5/32	1A	J	4 1/2	1 13/32	160
27.0	27.6	3D270	1160.00	7/32	6A	J	4 1/2	11/32	170	4D270	1280.00	5/32	1A	J	4 1/2	1 13/32	200
33.0	33.6	3D330	1640.00	7/32	6A	J	4 1/2	11/32	215	4D330	2120.00	9/32	2A	M°	6 3/4	31/32	285
40.0	40.6	3D400	2040.00	7/32	6A	J	4 1/2	11/32	275	4D400	2240.00	9/32	2A	M°	6 3/4	31/32	375
48.0	48.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58.0	58.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Datum Dia.	O.D.	7 GROOVES								8 GROOVES							
		Part No	List Price	F = 10 3/8 inches					Part No	List Price	F = 11 13/16 inches						
				H	Type	B	L	E			Wt	H	Type	B	L	E	Wt
12.0	12.6	7D120	P R I C E	2 5/32	1B	J	4 1/2	3 23/32	129	8D120	1240.00	2 5/32	1B	J	4 1/2	5 5/32	141
13.0	13.6	7D130		2 5/32	1B	J	4 1/2	3 23/32	150	8D130	1260.00	2 5/32	1B	J	4 1/2	5 5/32	163
13.5	14.1	7D135		2 5/32	1B	J	4 1/2	3 23/32	161	8D135	1280.00	2 5/32	1B	J	4 1/2	5 5/32	175
14.0	14.6	7D140		2 5/32	1W	J	4 1/2	3 23/32	173	8D140	1320.00	2 5/32	1B	J	4 1/2	5 5/32	187
14.5	15.1	7D145		2 5/32	1W	J	4 1/2	3 23/32	185	8D145	1360.00	2 5/32	1B	J	4 1/2	5 5/32	200
15.0	15.6	7D150	O N R E Q U E S T	2 5/32	1W	J	4 1/2	3 23/32	165	8D150	1380.00	2 5/32	1W	J	4 1/2	5 5/32	183
15.5	16.1	7D155		2 5/32	1W	J	4 1/2	3 23/32	172	8D155	1400.00	2 5/32	1W	J	4 1/2	5 5/32	189
16.0	16.6	7D160		2 5/32	1W	J	4 1/2	3 23/32	180	8D160	1560.00	2 5/32	1W	J	4 1/2	5 5/32	197
17.0	17.6	7D170		2 5/32	1W	J	4 1/2	3 23/32	195	8D170	1680.00	2 5/32	1W	J	4 1/2	5 5/32	213
18.0	18.6	7D180		27/32	1W	M°	6 3/4	2 25/32	235	8D180	1820.00	2 9/32	1W	M°	6 3/4	2 25/32	255
20.0	20.6	7D200	R E Q U E S T	27/32	1A	M°	6 3/4	2 25/32	225	8D200	2000.00	2 9/32	1A	M°	6 3/4	2 25/32	258
22.0	22.6	7D220		9/32	1A	M°	6 3/4	3 11/32	250	8D220	2160.00	9/32	1A	M°	6 3/4	4 25/32	266
27.0	27.6	7D270		9/32	1A	M°	6 3/4	3 11/32	305	8D270	2660.00	9/32	1A	M°	6 3/4	4 25/32	320
33.0	33.6	7D330		9/32	1A	M°	6 3/4	3 11/32	410	8D330	2840.00	9/32	1A	M°	6 3/4	4 25/32	420
40.0	40.6	7D400		1/8	1A	M°	6 3/4	2 1/8	525	8D400	3720.00	1/8	1A	N°	8 1/8	3 9/16	600
48.0	48.6	7D480	1/8	1A	N°	8 1/8	2 1/8	725	8D480	4320.00	1/8	1A	N°	8 1/8	3 9/16	750	
58.0	58.6	7D580	1/8	1A	N°	8 1/8	2 1/8	890	8D580	5280.00	1/8	1A	N°	8 1/8	3 9/16	1000	

P.D. for "D" Belts same as O.D.

All dimensions are to closest fraction

"B": Bushing size

For mounting instructions, see page 10

Suffix on type indicates construction: A = arms; B = block; W = web.

*Note: M-N-P-W bushings are standard mounting only.

See page 10

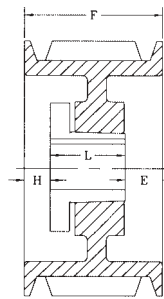
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Datum Dia.	O.D.	5 GROOVES								6 GROOVES							
		Part No	List Price	F = 7 1/2 inches						Part No	List Price	F = 8 15/16 inches					
				H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
12.0	12.6	5D120	780.00	1 27/32	1W	F	3 5/8	2 1/32	89	6D120	960.00	1 29/32	1B	J	4 1/2	2 17/32	116
13.0	13.6	5D130	800.00	1 27/32	1W	F	3 5/8	2 1/32	100	6D130	980.00	1 29/32	1B	J	4 1/2	2 17/32	137
13.5	14.1	5D135	820.00	1 27/32	1W	F	3 5/8	2 1/32	105	6D135	1000.00	1 29/32	1B	J	4 1/2	2 17/32	147
14.0	14.6	5D140	860.00	1 27/32	1W	F	3 5/8	2 1/32	111	6D140	1020.00	1 29/32	1B	J	4 1/2	2 17/32	158
14.5	15.1	5D145	920.00	1 27/32	1W	F	3 5/8	2 1/32	118	6D145	1040.00	1 29/32	1B	J	4 1/2	2 17/32	170
15.0	15.6	5D150	940.00	1 27/32	1W	F	3 5/8	2 1/32	125	6D150	1060.00	1 29/32	1W	J	4 1/2	2 17/32	147
15.5	16.1	5D155	960.00	1 27/32	1W	F	3 5/8	2 1/32	131	6D155	1080.00	1 29/32	1W	J	4 1/2	2 17/32	153
16.0	16.6	5D160	980.00	1 27/32	1A	F	3 5/8	2 1/32	110	6D160	1100.00	1 29/32	1A	J	4 1/2	2 17/32	137
17.0	17.6	5D170	1000.00	1 29/32	1A	J	4 1/2	1 3/32	148	6D170	1120.00	1 29/32	1A	J	4 1/2	2 17/32	175
18.0	18.6	5D180	1020.00	1 29/32	1A	J	4 1/2	1 3/32	131	6D180	1140.00	1 29/32	1A	J	4 1/2	2 17/32	159
20.0	20.6	5D200	1220.00	5/32	1A	J	4 1/2	2 27/32	148	6D200	1480.00	1 29/32	1A	J	4 1/2	2 17/32	185
22.0	22.6	5D220	1420.00	5/32	1A	J	4 1/2	2 27/32	152	6D220	1840.00	9/32	1A	M°	6 3/4	1 29/32	225
27.0	27.6	5D270	1740.00	9/32	1A	M°	6 3/4	15/32	250	6D270	1900.00	9/32	1A	M°	6 3/4	1 29/32	300
33.0	33.6	5D330	2180.00	9/32	1A	M°	6 3/4	15/32	321	6D330	2460.00	9/32	1A	M°	6 3/4	1 29/32	350
40.0	40.6	5D400	2700.00	9/32	1A	M°	6 3/4	15/32	424	6D400	2980.00	9/32	1A	M°	6 3/4	1 29/32	460
48.0	48.6	5D480	3080.00	9/32	1A	M°	6 3/4	15/32	550	6D480	3480.00	9/32	1A	M°	6 3/4	1 29/32	600
58.0	58.6	5D580	4280.00	9/32	1A	M°	6 3/4	15/32	600	6D580	4520.00	9/32	1A	M°	6 3/4	1 29/32	760

Datum Dia.	O.D.	9 GROOVES								10 GROOVES							
		Part No	List Price	F = 13 1/4 inches						Part No	List Price	F = 14 11/16 inches					
				H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
12.0	12.6	9D120	P R I C E O N R E Q U E S T	2 9/32	1B	M°	6 3/4	4 7/32	155	10D120	1520.00	2 11/32	1B	M°	6 3/4	5 19/32	166
13.0	13.6	9D130		2 9/32	1B	M°	6 3/4	4 7/32	194	10D130	1580.00	2 11/32	1B	M°	6 3/4	5 19/32	207
13.5	14.1	9D135		2 9/32	1B	M°	6 3/4	4 7/32	210	10D135	1660.00	2 11/32	1B	M°	6 3/4	5 19/32	224
14.0	14.6	9D140		2 9/32	1B	M°	6 3/4	4 7/32	227	10D140	1740.00	2 11/32	1B	M°	6 3/4	5 19/32	242
14.5	15.1	9D145		2 9/32	1B	M°	6 3/4	4 7/32	245	10D145	1840.00	2 11/32	1B	M°	6 3/4	5 19/32	260
15.0	15.6	9D150	2 9/32	1B	M°	6 3/4	4 7/32	263	10D150	1860.00	2 11/32	1B	M°	6 3/4	5 19/32	279	
15.5	16.1	9D155	2 9/32	1B	M°	6 3/4	4 7/32	282	10D155	1880.00	2 11/32	1B	M°	6 3/4	5 19/32	298	
16.0	16.6	9D160	2 9/32	1B	M°	6 3/4	4 7/32	301	10D160	1900.00	2 11/32	1B	M°	6 3/4	5 19/32	318	
17.0	17.6	9D170	2 9/32	1W	M°	6 3/4	4 7/32	289	10D170	2080.00	2 11/32	1B	M°	6 3/4	5 19/32	307	
18.0	18.6	9D180	2 9/32	1W	M°	6 3/4	4 7/32	274	10D180	2120.00	2 11/32	1W	M°	6 3/4	5 19/32	293	
20.0	20.6	-	-	-	-	-	-	-	10D200	2380.00	2 11/32	1A	M°	6 3/4	5 19/32	351	
22.0	22.6	9D220	1 9/32	1A	M°	6 3/4	5 7/32	310	10D220	2480.00	1 9/32	1A	M°	6 3/4	6 21/32	342	
27.0	27.6	9D270	1 9/32	1A	M°	6 3/4	5 7/32	375	10D270	2980.00	1 9/32	1A	M°	6 3/4	6 21/32	415	
33.0	33.6	9D330	1/8	1A	N°	8 1/8	5	525	10D330	3280.00	1 11/32	1A	N°	8 1/8	5 7/32	575	
40.0	40.6	9D400	1/8	1A	N°	8 1/8	5	675	10D400	4300.00	1 11/32	1A	N°	8 1/8	5 7/32	680	
48.0	48.6	9D480	3/16	1A	N°	8 1/8	3 11/16	840	10D480	5080.00	3/16	1A	P°	9 3/8	5 1/8	975	
58.0	58.6	9D580	3/16	1A	P°	9 3/8	3 11/16	1200	10D580	5880.00	3/16	1A	P°	9 3/8	5 1/8	1250	

Datum Dia.	O.D.	12 GROOVES							
		Part No	List Price	F = 17 9/16 inches					
				H	Type	B	L	E	Wt
12.0	12.6	12D120	1720.00	3 9/32	1B	M°	6 3/4	7 17/32	187
13.0	13.6	12D130	1800.00	3 9/32	1B	M°	6 3/4	7 17/32	234
13.5	14.1	12D135	1860.00	3 9/32	1B	M°	6 3/4	7 17/32	252
14.0	14.6	12D140	1880.00	3 9/32	1B	M°	6 3/4	7 17/32	271
14.5	15.1	12D145	2000.00	3 9/32	1B	M°	6 3/4	7 17/32	290
15.0	15.6	12D150	2120.00	3 9/32	1B	M°	6 3/4	7 17/32	310
15.5	16.1	12D155	2180.00	3 9/32	1B	M°	6 3/4	7 17/32	330
16.0	16.6	12D160	2200.00	3 9/32	1B	M°	6 3/4	7 17/32	352
17.0	17.6	12D170	2320.00	3 15/32	1W	M°	6 3/4	7 11/32	365
18.0	18.6	12D180	2420.00	3 15/32	1W	M°	6 3/4	7 11/32	391
20.0	20.6	12D200	2760.00	3 9/32	1W	M°	6 3/4	7 17/32	401
22.0	22.6	12D220	2980.00	2 9/32	1A	M°	6 3/4	7 17/32	365
27.0	27.6	12D270	3640.00	2 1/8	1A	N°	8 1/8	7 5/16	505
33.0	33.6	12D330	4380.00	2 1/8	1A	N°	8 1/8	7 5/16	590
40.0	40.6	12D400	5040.00	3/16	1A	P°	9 3/8	8	925
48.0	48.6	12D480	6180.00	3/16	1A	P°	9 3/8	8	1150
58.0	58.6	12D580	6760.00	3/16	1A	P°	9 3/8	8	1500



Type 1

P.D. for "D" Belts same as O.D.

All dimensions are to closest fraction

"B": Bushing size

For mounting instructions, see page 10

Suffix on type indicates construction: A = arms; B = block; W = web.

*Note: M-N-P-W bushings are standard mounting only. See page 10

"QD" bushings is a registered trademark and manufactured by Maska under license.

CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

O.D.	Datum Dia.	1 GROOVE								2 GROOVES							
		Part No	List Price	F = 11/16 up to 10.60 O.D. incl. and 13/16 inch thereafter						Part No	List Price	F = 1 3/32 inches					
				H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
2.20	2.15	1-3V2.20	20.00	33/64	11B	JA	1	45/64	0.8	2-3V2.20	28.80	33/64	11B	JA	1	1 7/64	0.9
2.35	2.30	1-3V2.35	20.80	33/64	11B	JA	1	45/64	0.85	2-3V2.35	29.60	33/64	11B	JA	1	1 7/64	1.0
2.50	2.45	1-3V2.50	21.60	33/64	11B	JA	1	45/64	0.92	2-3V2.50	30.40	33/64	11B	JA	1	1 7/64	1.1
2.65	2.60	1-3V2.65	22.40	29/64	6B	JA	1	9/64	0.5	2-3V2.65*	31.20	25/64	6B	JA	1	31/64	0.8
2.80	2.75	1-3V2.80	23.20	29/64	6B	JA	1	9/64	0.7	2-3V2.80*	32.00	25/64	6B	JA	1	31/64	1.0
3.00	2.95	1-3V3.00	24.00	29/64	6B	JA	1	9/64	0.7	2-3V3.00*	32.80	25/64	6B	JA	1	31/64	1.2
3.15	3.10	1-3V3.15	25.20	29/64	6B	JA	1	9/64	0.7	2-3V3.15*	34.00	25/64	6B	JA	1	31/64	1.4
3.35	3.30	1-3V3.35	26.40	29/64	6B	JA	1	9/64	1.1	2-3V3.35*	35.20	1/2	6B	SH	1 1/4	11/32	1.2
3.65	3.60	1-3V3.65	27.60	5/8	6B	SH	1 1/4	1/16	1.3	2-3V3.65*	36.40	1/2	6B	SH	1 1/4	11/32	1.6
4.12	4.07	1-3V4.12	28.80	5/8	6B	SH	1 1/4	1/16	1.8	2-3V4.12	40.00	9/32	6B	SH	1 1/4	1/8	2.2
4.50	4.45	1-3V4.50	30.00	5/8	6B	SH	1 1/4	1/16	2.2	2-3V4.50	44.00	9/32	6B	SH	1 1/4	1/8	2.7
4.75	4.70	1-3V4.75	32.00	5/8	6B	SH	1 1/4	1/16	2.2	2-3V4.75	48.00	9/32	6B	SH	1 1/4	1/8	3.2
5.00	4.95	1-3V5.00	35.00	5/8	6B	SH	1 1/4	1/16	2.9	2-3V5.00	52.00	9/32	6B	SH	1 1/4	1/8	3.7
5.30	5.25	1-3V5.30	36.00	5/8	6B	SH	1 1/4	1/16	3.3	2-3V5.30	54.00	9/32	6B	SH	1 1/4	1/8	4.2
5.60	5.55	1-3V5.60	38.00	5/8	6B	SH	1 1/4	1/16	3.7	2-3V5.60	56.00	9/32	6B	SH	1 1/4	1/8	4.6
6.00	5.95	1-3V6.00	40.00	5/8	6W	SH	1 1/4	1/16	3.9	2-3V6.00	58.00	9/32	6W	SH	1 1/4	1/8	5.0
6.50	6.45	1-3V6.50	44.00	5/8	6W	SH	1 1/4	1/16	4.9	2-3V6.50	64.00	3/8	6W	SDS	1 5/16	5/32	5.8
6.90	6.85	1-3V6.90	52.00	5/8	6W	SH	1 1/4	1/16	5.5	2-3V6.90	70.00	3/8	6W	SDS	1 5/16	5/32	6.4
8.00	7.95	1-3V8.00	60.00	11/16	6A	SDS	1 5/16	1/16	5.1	2-3V8.00	72.00	3/8	6A	SDS	1 5/16	5/32	6.6
10.60	10.55	1-3V10.60	100.00	11/16	6A	SDS	1 5/16	1/16	8.6	2-3V10.60	110.00	5/8	5A	SK	1 7/8	5/32	11.7
14.00	13.95	1-3V14.00	120.00	13/16	5A	SK	1 7/8	1/4	15.3	2-3V14.00	174.00	5/8	5A	SK	1 7/8	5/32	17.9
19.00	18.95	1-3V19.00	200.00	29/32	5A	SK	1 7/8	5/32	18.3	2-3V19.00	204.00	13/16	5A	SK	1 7/8	1/32	26.6
25.00	24.95	-	-	-	-	-	-	-	-	2-3V25.00	360.00	13/16	5A	SF	2	3/32	33.4
33.50	33.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

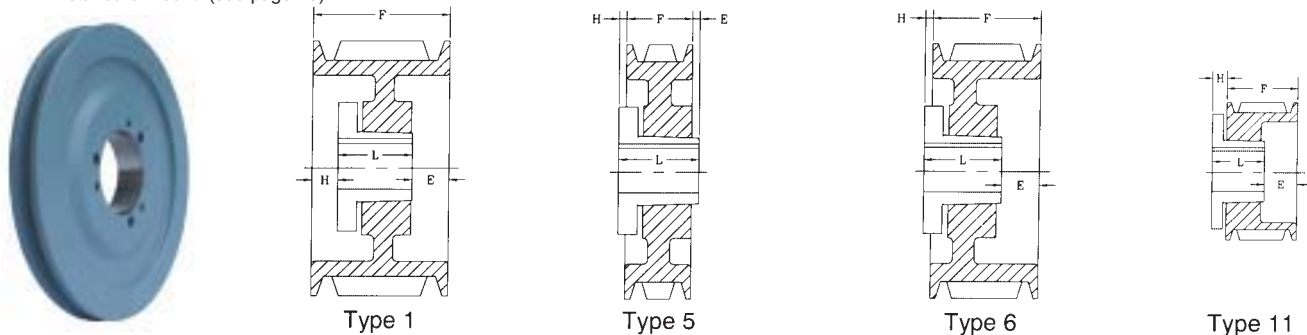
O.D.	Datum Dia.	3 GROOVES								4 GROOVES							
		Part No	List Price	F = 1 1/2 inches						Part No	List Price	F = 1 29/32 inches					
				H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
2.65	2.60	3-3V2.65*	36.80	3/8	6B	JA	1	7/8	1.1	4-3V2.65*	42.40	3/8	6B	JA	1	1 9/32	1.4
2.80	2.75	3-3V2.80*	37.80	3/8	6B	JA	1	7/8	1.3	4-3V2.80*	42.80	3/8	6B	JA	1	1 9/32	1.6
3.00	2.95	3-3V3.00**	38.80	5/8	11B	SH	1 1/4	1 1/4	1.6	4-3V3.00	43.20	5/8	11B	SH	1 1/4	1 21/32	2.3
3.15	3.10	3-3V3.15**	40.00	5/8	11B	SH	1 1/4	1 1/4	2.0	4-3V3.15	44.80	5/8	11B	SH	1 1/4	1 21/32	2.7
3.35	3.30	3-3V3.35*	41.20	9/16	6B	SH	1 1/4	13/16	1.8	4-3V3.35*	46.40	1/2	6B	SH	1 1/4	1 5/32	2.3
3.65	3.60	3-3V3.65*	42.40	9/16	6B	SH	1 1/4	13/16	2.4	4-3V3.65*	48.00	1/2	6B	SH	1 1/4	1 5/32	3.1
4.12	4.07	3-3V4.12	44.00	0	1B	SH	1 1/4	1/4	2.7	4-3V4.12	50.00	5/16	1B	SH	1 1/4	11/32	3.2
4.50	4.45	3-3V4.50	50.00	0	1B	SDS	1 5/16	3/16	3.0	4-3V4.50	52.00	1/8	1B	SDS	1 5/16	15/32	3.4
4.75	4.70	3-3V4.75	54.00	0	1B	SDS	1 5/16	3/16	3.7	4-3V4.75	56.00	1/8	1B	SDS	1 5/16	15/32	4.4
5.00	4.95	3-3V5.00	58.00	0	1B	SDS	1 5/16	3/16	4.2	4-3V5.00	60.00	1/8	1B	SDS	1 5/16	15/32	5.0
5.30	5.25	3-3V5.30	60.00	0	1B	SDS	1 5/16	3/16	4.7	4-3V5.30	64.00	1/4	1B	SDS	1 5/16	11/32	6.0
5.60	5.55	3-3V5.60	62.00	0	1B	SDS	1 5/16	3/16	5.2	4-3V5.60	66.00	1/8	1B	SDS	1 5/16	15/32	6.2
6.00	5.95	3-3V6.00	66.00	0	1B	SDS	1 5/16	3/16	6.2	4-3V6.00	70.00	1/4	6B	SK	1 7/8	9/32	7.8
6.50	6.45	3-3V6.50	68.00	0	1W	SDS	1 5/16	3/16	6.7	4-3V6.50	72.00	1/4	6B	SK	1 7/8	9/32	9.5
6.90	6.85	3-3V6.90	80.00	0	1W	SDS	1 5/16	3/16	7.5	4-3V6.90	82.00	1/4	6B	SK	1 7/8	9/32	11.1
8.00	7.95	3-3V8.00	86.00	5/8	6A	SK	1 7/8	1/4	9.8	4-3V8.00	88.00	1/4	6A	SK	1 7/8	9/32	11.2
10.60	10.55	3-3V10.60	126.00	5/8	6A	SK	1 7/8	1/4	14.0	4-3V10.60	128.00	1/4	6A	SK	1 7/8	9/32	16.0
14.00	13.95	3-3V14.00	184.00	5/8	6A	SK	1 7/8	1/4	19.4	4-3V14.00	196.00	1/4	6A	SK	1 7/8	9/32	25.0
19.00	18.95	3-3V19.00	216.00	13/16	6A	SF	2	5/16	32.1	4-3V19.00	252.00	7/16	6A	SF	2	11/32	39.8
25.00	24.95	3-3V25.00	400.00	13/16	6A	SF	2	5/16	38.5	4-3V25.00	412.00	7/16	6A	SF	2	11/32	51.1
33.50	33.45	3-3V33.50	720.00	23/32	6A	SF	2	7/32	79.3	4-3V33.50	780.00	25/32	6A	E	2 5/8	1/16	94.1

P.D. for "3V" Belts same as O.D.

**For 3-3V3.00: F=1.912"

**For 3-3V3.15: F=1 7/8"

* = These sheaves can only be reverse mounted with standard bushing bolts. Specials bolts (not provided by Maska) are required for standard mount. (see page 10)



All dimensions are to closest fraction
For mounting instructions, see page 10

"B": Bushing size
Suffix on type indicates construction: A = arms; B = block; W = web.

"QD" bushings is a registered trademark and manufactured by Maska under license.

O.D.	Datum Dia.	5 GROOVES								6 GROOVES							
		Part No	List Price	F = 2 5/16 inches						Part No	List Price	F = 2 23/32 inches					
				H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
4.75	4.70	5-3V4.75	62.00	1/8	1B	SDS	1 5/16	7/8	4.7	6-3V4.75	84.00	13/16	11B	SK	1 7/8	1 21/32	5.8
5.00	4.95	5-3V5.00	68.00	1/8	1B	SDS	1 5/16	7/8	6.0	6-3V5.00	86.00	13/16	11B	SK	1 7/8	1 21/32	7.1
5.30	5.25	5-3V5.30	70.00	1/16	1B	SK	1 7/8	3/8	6.2	6-3V5.30	88.00	15/32	1B	SK	1 7/8	3/8	6.8
5.60	5.55	5-3V5.60	76.00	1/32	1B	SK	1 7/8	13/32	7.4	6-3V5.60	90.00	7/16	1B	SK	1 7/8	13/32	8.2
6.00	5.95	5-3V6.00	78.00	1/16	1B	SK	1 7/8	3/8	8.8	6-3V6.00	92.00	7/16	1B	SK	1 7/8	13/32	9.7
6.50	6.45	5-3V6.50	80.00	1/16	1B	SK	1 7/8	3/8	9.9	6-3V6.50	94.00	1/16	1B	SK	1 7/8	25/32	10.8
6.90	6.85	5-3V6.90	88.00	1/32	1B	SK	1 7/8	13/32	11.5	6-3V6.90	112.00	7/16	1B	SK	1 7/8	13/32	12.2
8.00	7.95	5-3V8.00	94.00	1/16	1W	SK	1 7/8	3/8	14.5	6-3V8.00	124.00	1/16	1W	SK	1 7/8	25/32	16.0
10.60	10.55	5-3V10.60	130.00	5/32	1A	SF	1 7/8	9/32	19.3	6-3V10.60	144.00	5/32	1A	SF	2	9/16	18.7
14.00	13.95	5-3V14.00	232.00	3/32	6A	SF	2	13/32	26.5	6-3V14.00	248.00	3/32	1A	SF	2	5/8	30.5
19.00	18.95	5-3V19.00	292.00	3/32	1A	SF	2	7/32	33.9	6-3V19.00	308.00	1/32	6A	E	2 5/8	1/8	47.6
25.00	24.95	5-3V25.00	436.00	7/16	6A	E	2 5/8	1/8	60.7	6-3V25.00	452.00	1/32	6A	E	2 5/8	1/8	66.9
33.50	33.45	5-3V33.50	850.00	3/8	6A	E	2 5/8	1/16	107.0	6-3V33.50	900.00	1/32	1A	E	2 5/8	1/16	121.6

O.D.	Datum Dia.	8 GROOVES								10 GROOVES							
		Part No	List Price	F = 3 17/32 inches						Part No	List Price	F = 4 11/32 inches					
				H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
4.75	4.70	8-3V4.75	106.00	13/16	11B	SK	1 7/8	15/32	7.2	10-3V4.75	126.00	13/16	11B	SK	1 7/8	3 9/32	8.6
5.00	4.95	8-3V5.00	110.00	13/16	11B	SK	1 7/8	15/32	8.9	10-3V5.00	128.00	13/16	11B	SK	1 7/8	3 9/32	10.7
5.30	5.25	8-3V5.30	124.00	7/16	1B	SK	1 7/8	1 7/32	8.3	10-3V5.30	130.00	9/16	1B	SK	1 7/8	1 29/32	9.6
5.60	5.55	8-3V5.60	126.00	7/16	1B	SK	1 7/8	1 7/32	9.5	10-3V5.60	132.00	9/16	1B	SK	1 7/8	1 29/32	11.9
6.00	5.95	8-3V6.00	128.00	7/16	1B	SK	1 7/8	1 7/32	11.7	10-3V6.00	134.00	9/16	1B	SK	1 7/8	1 29/32	13.45
6.50	6.45	8-3V6.50	130.00	7/16	1B	SK	1 7/8	1 7/32	13.6	10-3V6.50	144.00	9/16	1B	SK	1 7/8	1 29/32	14.1
6.90	6.85	8-3V6.90	132.00	7/16	1B	SK	1 7/8	1 7/32	15.4	10-3V6.90	146.00	9/16	1B	SK	1 7/8	1 29/32	17.5
8.00	7.95	8-3V8.00	148.00	5/16	1W	SF	2	1 7/32	19.2	10-3V8.00	194.00	11/16	1W	SF	2	1 21/32	21.55
10.60	10.55	8-3V10.60	210.00	5/16	1A	SF	2	1 7/32	22.5	10-3V10.60	250.00	0	1W	E	2 5/8	1 23/32	31.6
14.00	13.95	8-3V14.00	284.00	1/8	6A	E	2 5/8	1 1/32	42.9	10-3V14.00	320.00	0	1A	E	2 5/8	1 23/32	41.6
19.00	18.95	8-3V19.00	444.00	1/8	6A	E	2 5/8	1 1/32	66.6	10-3V19.00	472.00	0	1A	E	2 5/8	1 23/32	74.0
25.00	24.95	8-3V25.00	520.00	3/16	6A	E	2 5/8	1 3/32	92.2	10-3V25.00	596.00	1/16	1A	F	3 5/8	25/32	105.0
33.50	33.45	8-3V33.50	980.00	15/32	6A	F	3 5/8	3/8	153.0	10-3V33.50	1100.00	1/16	1A	F	3 5/8	25/32	180.0

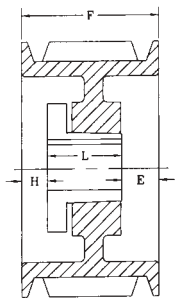
P.D. for "3V" Belts same as O.D.

All dimensions are to closest fraction

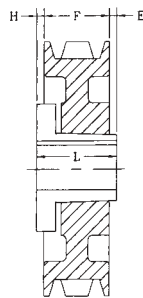
"B": Bushing size

For mounting instructions, see page 10

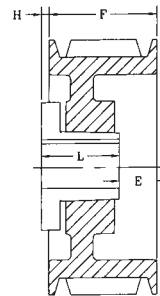
Suffix on type indicates construction: A = arms; B = block; W = web.



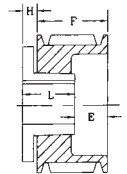
Type 1



Type 5



Type 6



Type 11

"QD" bushings is a registered trademark and manufactured by Maska under license.

CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

O.D.	Datum Dia.	2 GROOVES							3 GROOVES								
		Part No	List Price	F = 1 11/16 inches					Part No	List Price	F = 2 3/8 inches						
				H	Type	B	L	E			Wt	H	Type	B	L	E	Wt
4.40	4.30	2-5V4.40*	73.00	1/2	6B	SH	1 1/4	15/16	3.4	3-5V4.40	79.00	11/16	11B	SDS	1 5/16	1 3/4	4.3
4.65	4.55	2-5V4.65	79.00	11/16	11B	SDS	1 5/16	1 1/16	3.6	3-5V4.65	85.00	11/16	11B	SDS	1 5/16	1 3/4	5.2
4.90	4.80	2-5V4.90	85.00	7/32	6B	SDS	1 5/16	3/8	3.9	3-5V4.90	91.00	3/8	1B	SDS	1 5/16	11/16	4.9
5.20	5.10	2-5V5.20	91.00	7/32	6B	SDS	1 5/16	19/32	4.8	3-5V5.20	97.00	3/8	1B	SDS	1 5/16	11/16	6.1
5.50	5.40	2-5V5.50	97.00	7/32	6B	SDS	1 5/16	19/32	5.5	3-5V5.50	103.00	5/16	1B	SDS	1 5/16	3/4	6.4
5.90	5.80	2-5V5.90	103.00	7/32	6B	SDS	1 5/16	19/32	6.5	3-5V5.90	109.00	5/16	1B	SDS	1 5/16	3/4	8.2
6.30	6.20	2-5V6.30	109.00	7/16	6B	SK	1 7/8	1/4	9.6	3-5V6.30	115.00	1/4	1B	SK	1 7/8	1/4	9.0
6.70	6.60	2-5V6.70	115.00	7/16	6B	SK	1 7/8	1/4	9.3	3-5V6.70	121.00	1/4	1B	SK	1 7/8	1/4	12.7
7.10	7.00	2-5V7.10	120.00	3/8	6B	SK	1 7/8	3/16	10.6	3-5V7.10	128.00	1/16	6B	SF	2	7/16	12.3
7.50	7.40	2-5V7.50	122.00	3/8	6B	SK	1 7/8	3/16	12.1	3-5V7.50	134.00	1/16	6B	SF	2	7/16	13.8
8.00	7.90	2-5V8.00	124.00	3/8	6B	SK	1 7/8	3/16	14.3	3-5V8.00	142.00	1/16	6B	SF	2	7/16	16.2
8.50	8.40	2-5V8.50	128.00	3/8	6B	SK	1 7/8	3/16	16.2	3-5V8.50	146.00	1/16	6B	SF	2	7/16	18.3
9.00	8.90	2-5V9.00	136.00	3/8	6B	SK	1 7/8	3/16	18.5	3-5V9.00	150.00	1/16	6B	SF	2	7/16	20.6
9.25	9.15	2-5V9.25	144.00	3/8	6W	SK	1 7/8	3/16	17.0	3-5V9.25	156.00	1/16	6W	SF	2	7/16	20.2
9.75	9.65	2-5V9.75	148.00	3/8	6W	SK	1 7/8	3/16	18.2	3-5V9.75	162.00	1/16	6W	SF	2	7/16	20.8
10.30	10.20	2-5V10.3	152.00	3/8	6W	SK	1 7/8	3/16	18.0	3-5V10.3	172.00	1/16	6W	SF	2	7/16	20.5
10.90	10.80	2-5V10.9	156.00	3/8	6W	SK	1 7/8	3/16	20.8	3-5V10.9	176.00	1/16	6W	SF	2	7/16	23.4
11.30	11.20	2-5V11.3	160.00	3/8	6A	SK	1 7/8	3/16	16.9	3-5V11.3	180.00	1/16	6A	SF	2	7/16	22.7
11.80	11.70	2-5V11.8	162.00	3/8	6A	SK	1 7/8	3/16	18.6	3-5V11.8	194.00	1/16	6A	SF	2	7/16	24.4
12.50	12.40	2-5V12.5	164.00	3/8	5A	SF	2	1/16	20.8	3-5V12.5	202.00	1/16	6A	E	2 5/8	7/16	31.1
13.20	13.10	2-5V13.2	176.00	3/8	5A	SF	2	1/16	22.0	3-5V13.2	212.00	11/16	6A	E	2 5/8	7/16	32.2
14.00	13.90	2-5V14.0	230.00	3/8	5A	SF	2	1/16	24.8	3-5V14.0	258.00	11/16	6A	E	2 5/8	7/16	35.5
15.00	14.90	2-5V15.0	234.00	3/8	5A	SF	2	1/16	26.6	3-5V15.0	274.00	11/16	6A	E	2 5/8	7/16	38.3
16.00	15.90	2-5V16.0	252.00	3/8	5A	SF	2	1/16	34.9	3-5V16.0	282.00	11/16	6A	E	2 5/8	7/16	40.1
18.70	18.60	2-5V18.7	300.00	3/8	5A	SF	2	1/16	43.8	3-5V18.7	328.00	5/16	6A	E	2 5/8	1/16	46.6
21.20	21.10	2-5V21.2	416.00	3/8	5A	SF	2	1/16	43.8	3-5V21.2	440.00	11/16	6A	E	2 5/8	7/16	57.2
23.60	23.50	2-5V23.6	480.00	5/16	5A	E	2 5/8	5/8	61.7	3-5V23.6	500.00	11/32	6A	E	2 5/8	3/32	73.0
28.00	27.90	2-5V28.0	520.00	5/16	5A	E	2 5/8	5/8	73.0	3-5V28.0	540.00	5/16	6A	E	2 5/8	1/16	97.0
31.50	31.40	-	-	-	-	-	-	-	-	3-5V31.5	920.00	31/32	5A	F	3 5/8	9/32	128.0
37.50	37.40	-	-	-	-	-	-	-	-	3-5V37.5	1180.00	31/32	5A	F	3 5/8	9/32	158.0
50.00	49.90	-	-	-	-	-	-	-	-	3-5V50.0	1780.00	31/32	5A	F	3 5/8	9/32	218.0

O.D.	Datum Dia.	4 GROOVES							5 GROOVES								
		Part No	List Price	F = 3 1/16 inches					Part No	List Price	F = 3 3/4 inches						
				H	Type	B	L	E			Wt	H	Type	B	L	E	Wt
4.40	4.30	4-5V4.40	92.00	15/32	6B	SD	1 13/16	29/32	5.4	5-5V4.40	104.00	11/16	11B	SD	1 13/16	2 5/8	6.3
4.65	4.55	4-5V4.65	98.00	11/16	11B	SD	1 13/16	1 15/16	6.1	5-5V4.65	110.00	11/16	11B	SD	1 13/16	2 5/8	7.0
4.90	4.80	4-5V4.90	104.00	5/8	1B	SD	1 13/16	5/8	6.5	5-5V4.90	116.00	5/8	1B	SD	1 13/16	1 5/16	7.9
5.20	5.10	4-5V5.20	110.00	5/8	1B	SD	1 13/16	5/8	8.2	5-5V5.20	122.00	5/8	1B	SD	1 13/16	1 5/16	9.7
5.50	5.40	4-5V5.50	116.00	5/8	1B	SD	1 13/16	5/8	9.4	5-5V5.50	128.00	5/8	1B	SD	1 13/16	1 5/16	10.9
5.90	5.80	4-5V5.90	122.00	5/8	1B	SD	1 13/16	5/8	10.0	5-5V5.90	134.00	1/2	1B	SK	1 7/8	1 3/8	11.2
6.30	6.20	4-5V6.30	128.00	1/2	1B	SK	1 7/8	11/16	11.7	5-5V6.30	140.00	1/2	1B	SK	1 7/8	1 3/8	12.2
6.70	6.60	4-5V6.70	134.00	1/2	1B	SK	1 7/8	11/16	13.4	5-5V6.70	146.00	1/2	1B	SF	2	1 1/4	13.2
7.10	7.00	4-5V7.10	140.00	0	1B	SF	2	1 1/16	14.5	5-5V7.10	156.00	5/16	1B	SF	2	1 7/16	16.7
7.50	7.40	4-5V7.50	148.00	0	1B	SF	2	1 1/16	16.3	5-5V7.50	174.00	5/16	1B	SF	2	1 7/16	18.5
8.00	7.90	4-5V8.00	156.00	0	1B	E	2 5/8	7/16	17.9	5-5V8.00	184.00	5/16	1B	E	2 5/8	13/16	20.0
8.50	8.40	4-5V8.50	162.00	0	1B	E	2 5/8	7/16	21.7	5-5V8.50	190.00	5/16	1B	E	2 5/8	13/16	24.4
9.00	8.90	4-5V9.00	164.00	0	1B	E	2 5/8	7/16	24.4	5-5V9.00	198.00	5/16	1B	E	2 5/8	13/16	27.4
9.25	9.15	4-5V9.25	168.00	0	1B	E	2 5/8	7/16	26.2	5-5V9.25	202.00	5/16	1B	E	2 5/8	13/16	29.2
9.75	9.65	4-5V9.75	196.00	0	1B	E	2 5/8	7/16	29.4	5-5V9.75	218.00	5/16	1B	E	2 5/8	13/16	32.8
10.30	10.20	4-5V10.3	200.00	0	1W	E	2 5/8	7/16	28.6	5-5V10.3	220.00	5/16	1W	E	2 5/8	13/16	31.1
10.90	10.80	4-5V10.9	206.00	0	1W	E	2 5/8	7/16	30.3	5-5V10.9	222.00	5/16	1W	E	2 5/8	13/16	33.0
11.30	11.20	4-5V11.3	224.00	0	1W	E	2 5/8	7/16	30.9	5-5V11.3	242.00	5/16	1W	E	2 5/8	13/16	35.0
11.80	11.70	4-5V11.8	226.00	0	1W	E	2 5/8	7/16	32.5	5-5V11.8	244.00	5/16	1W	E	2 5/8	13/16	37.3
12.50	12.40	4-5V12.5	234.00	0	1W	E	2 5/8	7/16	35.0	5-5V12.5	282.00	5/16	1W	E	2 5/8	13/16	38.9
13.20	13.10	4-5V13.2	256.00	0	1A	E	2 5/8	7/16	37.4	5-5V13.2	300.00	5/16	1W	E	2 5/8	13/16	41.8
14.00	13.90	4-5V14.0	290.00	0	1A	E	2 5/8	7/16	41.1	5-5V14.0	344.00	5/16	1A	E	2 5/8	13/16	45.3
15.00	14.90	4-5V15.0	320.00	0	1A	E	2 5/8	7/16	43.7	5-5V15.0	384.00	5/16	1A	E	2 5/8	13/16	49.1
16.00	15.90	4-5V16.0	340.00	0	1A	E	2 5/8	7/16	46.9	5-5V16.0	404.00	5/16	1A	E	2 5/8	13/16	51.9
18.70	18.60	4-5V18.7	380.00	3/16	1A	E	2 5/8	1/4	58.5	5-5V18.7	432.00	9/32	6A	F	3 5/8	13/32	86.0
21.20	21.10	4-5V21.2	512.00	3/16	6A	E	2 5/8	5/8	77.0	5-5V21.2	536.00	7/32	6A	F	3 5/8	11/32	84.7
23.60	23.50	4-5V23.6	546.00	21/32	6A	F	3 5/8	3/32	98.0	5-5V23.6	586.00	7/32	6A	F	3 5/8	11/32	111.0
28.00	27.90	4-5V28.0	620.00	21/32	6A	F	3 5/8	3/32	118.0	5-5V28.0	660.00	7/32	6A	F	3 5/8	11/32	128.0
31.50	31.40	4-5V31.5	970.00	11/32	5A	F	3 5/8	7/32	141.0	5-5V31.5	1080.00	1 9/64	6A	J	4 1/2	25/64	174.0
37.50	37.40	4-5V37.5	1240.00	21/32	6A	F	3 5/8	3/32	178.0	5-5V37.5	1380.00	7/8	6A	J	4 1/2	1/8	199.0
50.00	49.90	4-5V50.0	1880.00	15/16	5A	J	4 1/2	1/2	269.0	5-5V50.0	1920.00	7/8	6A	J	4 1/2	1/8	319.0

P.D. for "5V" Belts same as O.D.

* = These sheaves can only be reverse mounted with standard bushing bolts. Specials bolts (not provided by Maska) are required for standard mount. (see page 10)

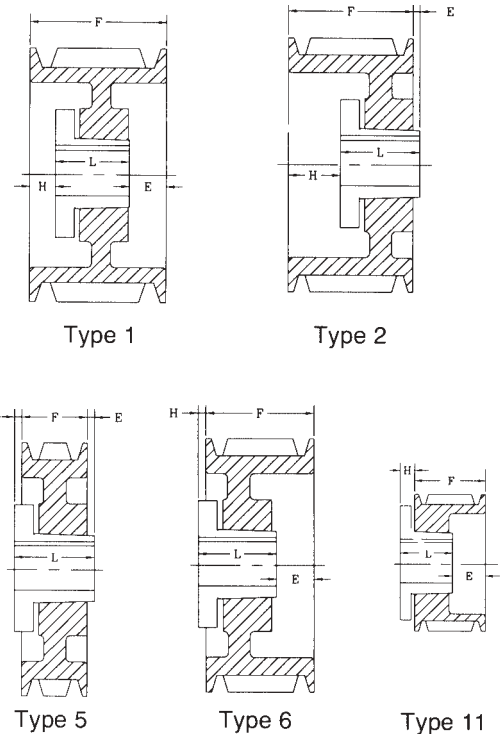
"QD" bushings is a registered trademark and manufactured by Maska under license.

CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

O.D.	Datum Dia.	6 GROOVES								8 GROOVES								
		Part No	List Price	F = 4 7/16 inches					Part No	List Price	F = 5 13/16 inches							
				H	Type	B	L	E			Wt	H	Type	B	L	E	Wt	
4.40	4.30	6-5V4.40	114.00	11/16	11B	SD	1 13/16	3 5/16	8.4	-	-	-	-	-	-	-	-	-
4.65	4.55	6-5V4.65	120.00	11/16	11B	SD	1 13/16	3 5/16	9.3	-	-	-	-	-	-	-	-	-
4.90	4.80	6-5V4.90	126.00	5/8	1B	SD	1 13/16	2	8.9	-	-	-	-	-	-	-	-	-
5.20	5.10	6-5V5.20	132.00	5/8	1B	SD	1 13/16	2	10.9	-	-	-	-	-	-	-	-	-
5.50	5.40	6-5V5.50	138.00	5/8	1B	SD	1 13/16	2	13.4	-	-	-	-	-	-	-	-	-
5.90	5.80	6-5V5.90	144.00	1/2	1B	SK	1 7/8	2 1/16	12.8	-	-	-	-	-	-	-	-	-
6.30	6.20	6-5V6.30	150.00	1/2	1B	SK	1 7/8	2 1/16	15.3	-	-	-	-	-	-	-	-	-
6.70	6.60	6-5V6.70	154.00	13/16	1B	SF	2	1 5/8	16.1	-	-	-	-	-	-	-	-	-
7.10	7.00	6-5V7.10	160.00	9/16	1B	SF	2	1 7/8	18.8	8-5V7.10	186.00	1 1/16	1B	SF	2	2 3/4	23	
7.50	7.40	6-5V7.50	176.00	9/16	1B	SF	2	1 7/8	20.8	8-5V7.50	206.00	1 1/16	1B	SF	2	2 3/4	25.4	
8.00	7.90	6-5V8.00	186.00	9/16	1B	E	2 5/8	1 1/4	22.3	8-5V8.00	226.00	1 1/16	1B	E	2 5/8	2 1/8	26	
8.50	8.40	6-5V8.50	198.00	9/16	1B	E	2 5/8	1 1/4	27.1	8-5V8.50	248.00	1 1/16	1B	E	2 5/8	2 1/8	33	
9.00	8.90	6-5V9.00	220.00	9/16	1B	E	2 5/8	1 1/4	30.5	8-5V9.00	268.00	1 1/16	1B	E	2 5/8	2 1/8	36	
9.25	9.15	6-5V9.25	224.00	9/16	1B	E	2 5/8	1 1/4	32.2	8-5V9.25	300.00	1 1/32	1B	E	3 5/8	1 5/32	42	
9.75	9.65	6-5V9.75	228.00	9/16	1B	E	2 5/8	1 1/4	36.2	8-5V9.75	320.00	1 1/32	1B	F	3 5/8	1 5/32	47	
10.30	10.20	6-5V10.3	248.00	9/16	1W	E	2 5/8	1 1/4	34.4	8-5V10.3	340.00	1 1/32	1B	F	3 5/8	1 5/32	54	
10.90	10.80	6-5V10.9	260.00	9/16	1W	E	2 5/8	1 1/4	36.4	8-5V10.9	348.00	1 1/32	1B	F	3 5/8	1 5/32	61	
11.30	11.20	6-5V11.3	260.00	9/16	1W	E	2 5/8	1 1/4	39.3	8-5V11.3	356.00	1 1/32	1W	F	3 5/8	1 5/32	57	
11.80	11.70	6-5V11.8	262.00	9/16	1W	E	2 5/8	1 1/4	40.2	8-5V11.8	374.00	1 1/32	1W	F	3 5/8	1 5/32	59	
12.50	12.40	6-5V12.5	320.00	17/32	1W	F	3 5/8	9/32	54.2	8-5V12.5	388.00	1 1/32	1W	F	3 5/8	1 5/32	63	
13.20	13.10	6-5V13.2	342.00	17/32	1W	F	3 5/8	9/32	58.0	8-5V13.2	440.00	1 1/32	1W	F	3 5/8	1 5/32	67	
14.00	13.90	6-5V14.0	384.00	17/32	1W	F	3 5/8	9/32	59.9	8-5V14.0	480.00	1 1/32	1W	F	3 5/8	1 5/32	77	
15.00	14.90	6-5V15.0	424.00	17/32	1A	F	3 5/8	9/32	60.0	8-5V15.0	560.00	1 1/32	1A	F	3 5/8	1 5/32	79	
16.00	15.90	6-5V16.0	464.00	17/32	1A	F	3 5/8	9/32	64.7	8-5V16.0	640.00	1 1/32	1A	F	3 5/8	1 5/32	85	
18.70	18.60	6-5V18.7	520.00	3/32	1A	F	3 5/8	23/32	80.5	8-5V18.7	700.00	1 1/32	1A	J	4 1/2	1 3/32	112	
21.20	21.10	6-5V21.2	590.00	7/32	6A	F	3 5/8	1 1/32	96.3	8-5V21.2	760.00	7/32	6A	J	4 1/2	1 17/32	119	
23.60	23.50	6-5V23.6	660.00	15/32	6A	J	4 1/2	13/32	133.0	8-5V23.6	840.00	5/32	1A	J	4 1/2	1 5/32	154	
28.00	27.90	6-5V28.0	740.00	15/32	6A	J	4 1/2	13/32	179.0	8-5V28.0	1020.00	7/32	6A	J	4 1/2	1 17/32	179	
31.50	31.40	6-5V31.5	1180.00	15/32	6A	J	4 1/2	13/32	198.0	8-5V31.5	1440.00	7/32	2A	M°	6 3/4	1 5/32	295	
37.50	37.40	6-5V37.5	1440.00	15/32	6A	J	4 1/2	13/32	239.0	8-5V37.5	1780.00	9/32	5A	M°	6 3/4	21/32	326	
50.00	49.90	6-5V50.0	2220.00	1 13/32	5A	M°	6 3/4	29/32	386.0	8-5V50.0	2440.00	7/32	5A	M°	6 3/4	23/32	466	

*Note: M-N-P-W bushings are standard mounting only. See page 10

O.D.	Datum Dia.	10 GROOVES							
		Part No	List Price	F = 7 3/16 inches					Wt
				H	Type	B	L	E	
4.40	4.30	-	-	-	-	-	-	-	-
4.65	4.55	-	-	-	-	-	-	-	-
4.90	4.80	-	-	-	-	-	-	-	-
5.20	5.10	-	-	-	-	-	-	-	-
5.50	5.40	-	-	-	-	-	-	-	-
5.90	5.80	-	-	-	-	-	-	-	-
6.30	6.20	-	-	-	-	-	-	-	-
6.70	6.60	-	-	-	-	-	-	-	-
7.10	7.00	-	-	-	-	-	-	-	-
7.50	7.40	-	-	-	-	-	-	-	-
8.00	7.90	10-5V8.00	252.00	1 13/16	1B	E	2 5/8	2 3/4	32
8.50	8.40	10-5V8.50	272.00	1 13/16	1B	E	2 5/8	2 3/4	38
9.00	8.90	10-5V9.00	300.00	1 23/32	1B	F	3 5/8	1 27/32	46
9.25	9.15	10-5V9.25	304.00	1 23/32	1B	F	3 5/8	1 27/32	48
9.75	9.65	10-5V9.75	360.00	1 23/32	1B	F	3 5/8	1 27/32	54
10.30	10.20	10-5V10.3	372.00	1 23/32	1B	F	3 5/8	1 27/32	61
10.90	10.80	10-5V10.9	384.00	1 23/32	1B	F	3 5/8	1 27/32	69
11.30	11.20	10-5V11.3	440.00	1 23/32	1B	F	3 5/8	1 27/32	73
11.80	11.70	10-5V11.8	480.00	1 23/32	1W	F	3 5/8	1 27/32	77
12.50	12.40	10-5V12.5	500.00	1 25/32	1W	J	4 1/2	29/32	93
13.20	13.10	10-5V13.2	580.00	1 25/32	1W	J	4 1/2	29/32	100
14.00	13.90	10-5V14.0	640.00	2 5/32	1W	J	4 1/2	17/32	90
15.00	14.90	10-5V15.0	720.00	2 5/32	1W	J	4 1/2	17/32	98
16.00	15.90	10-5V16.0	780.00	2 5/32	1A	J	4 1/2	17/32	99
18.70	18.60	10-5V18.7	860.00	2 5/32	1A	J	4 1/2	17/32	123
21.20	21.10	10-5V21.2	960.00	1 5/32	1A	J	4 1/2	1 17/32	139
23.60	23.50	10-5V23.6	1040.00	7/32	1A	M°	6 3/4	7/32	245
28.00	27.90	10-5V28.0	1280.00	7/32	1A	M°	6 3/4	7/32	256
31.50	31.40	10-5V31.5	1560.00	7/32	1A	M°	6 3/4	7/32	329
37.50	37.40	10-5V37.5	1840.00	7/32	1A	M°	6 3/4	7/32	356
50.00	49.90	10-5V50.0	2580.00	9/32	1A	M°	6 3/4	5/32	556



P.D. for "5V" Belts same as O.D.

"QD" bushings is a registered trademark and manufactured by Maska under license.

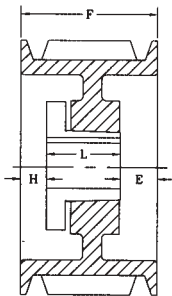
CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

O.D.	Datum Dia.	4 GROOVES								5 GROOVES							
		Part No	List Price	F = 4 7/8 inches					Part No	List Price	F = 6 inches						
				H	Type	B	L	E			Wt	H	Type	B	L	E	Wt
12.5	12.3	4-8V12.5	544.00	1/32	6W	F	3 5/8	1 9/32	56	5-8V12.5	588.00	1 1/16	1W	F	3 5/8	1 5/16	64
13.2	13.0	4-8V13.2	552.00	1/32	6W	F	3 5/8	1 9/32	63	5-8V13.2	618.00	1 1/16	1W	F	3 5/8	1 5/16	75
14.0	13.8	4-8V14.0	560.00	1/32	6W	F	3 5/8	1 9/32	65	5-8V14.0	660.00	1 1/16	1W	F	3 5/8	1 5/16	77
15.0	14.8	4-8V15.0	596.00	1/32	6W	F	3 5/8	1 9/32	72	5-8V15.0	700.00	1 3/32	1W	F	3 5/8	1 9/32	87
16.0	15.8	4-8V16.0	660.00	1/32	6A	F	3 5/8	1 9/32	80	5-8V16.0	740.00	1 3/32	1A	F	3 5/8	1 9/32	93
17.0	16.8	4-8V17.0	720.00	1/32	1A	F	3 5/8	1 7/32	93	5-8V17.0	846.00	19/32	1A	J	4 1/2	29/32	105
18.0	17.8	4-8V18.0	760.00	1/32	1A	F	3 5/8	1 7/32	105	5-8V18.0	900.00	19/32	1A	J	4 1/2	29/32	117
19.0	18.8	4-8V19.0	790.00	1/32	6A	F	3 5/8	1 9/32	113	5-8V19.0	960.00	19/32	1A	J	4 1/2	29/32	126
20.0	19.8	4-8V20.0	820.00	3/32	1A	J	4 1/2	9/32	125	5-8V20.0	990.00	19/32	1A	J	4 1/2	29/32	135
21.2	21.0	4-8V21.2	840.00	3/32	1A	J	4 1/2	9/32	131	5-8V21.2	1150.00	19/32	1A	J	4 1/2	29/32	160
22.4	22.2	4-8V22.4	886.00	3/32	1A	J	4 1/2	9/32	150	5-8V22.4	1310.00	5/16	2A	M°	6 3/4	1 1/16	188
24.8	24.6	4-8V24.8	1190.00	27/32	5A	M°	6 3/4	1 1/32	247	5-8V24.8	1390.00	5/16	2A	M°	6 3/4	1 1/16	266
30.0	29.8	4-8V30.0	1350.00	27/32	5A	M°	6 3/4	1 1/32	230	5-8V30.0	1570.00	5/16	2A	M°	6 3/4	1 1/16	255
35.5	35.3	4-8V35.5	1790.00	27/32	5A	M°	6 3/4	1 1/32	329	5-8V35.5	1990.00	5/16	2A	M°	6 3/4	1 1/16	391
40.0	39.8	4-8V40.0	1970.00	27/32	5A	M°	6 3/4	1 1/32	325	5-8V40.0	2240.00	5/16	2A	M°	6 3/4	1 1/16	355
44.5	44.3	4-8V44.5	2590.00	27/32	5A	M°	6 3/4	1 1/32	434	5-8V44.5	2990.00	1/2	2A	N°	8 1/8	15/16	538
53.0	52.8	4-8V53.0	3240.00	27/32	5A	M°	6 3/4	1 1/32	425	5-8V53.0	3480.00	1/2	2A	N°	8 1/8	15/16	500
63.0	62.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71.0	70.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

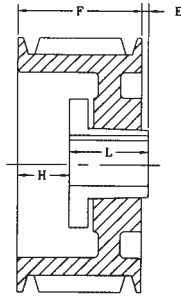
*Note: M-N-P-W bushings are standard mounting only.
See page 10

O.D.	Datum Dia.	6 GROOVES								8 GROOVES							
		Part No	List Price	F = 7 1/8 inches					Part No	List Price	F = 9 3/8 inches						
				H	Type	B	L	E			Wt	H	Type	B	L	E	Wt
12.5	12.3	6-8V12.5	618.00	2 3/32	1W	F	3 5/8	1 13/32	79	8-8V12.5	780.00	2 1/32	1B	J	4 1/2	2 27/32	100
13.2	13.0	6-8V13.2	660.00	1 1/16	1W	F	3 5/8	2 7/16	86	8-8V13.2	824.00	2 1/32	1B	J	4 1/2	2 27/32	126
14.0	13.8	6-8V14.0	722.00	1 1/16	1W	F	3 5/8	2 7/16	92	8-8V14.0	866.00	2 1/32	1W	J	4 1/2	2 27/32	124
15.0	14.8	6-8V15.0	774.00	1 5/32	1W	J	4 1/2	1 15/32	99	8-8V15.0	928.00	2 1/32	1W	J	4 1/2	2 27/32	134
16.0	15.8	6-8V16.0	824.00	1 5/32	1W	J	4 1/2	1 15/32	119	8-8V16.0	1010.00	2 5/32	1W	J	4 1/2	2 23/32	145
17.0	16.8	6-8V17.0	928.00	1 5/32	1A	J	4 1/2	1 15/32	125	8-8V17.0	1124.00	2 9/32	1W	M°	6 3/4	11/32	213
18.0	17.8	6-8V18.0	1000.00	1 5/32	1A	J	4 1/2	1 15/32	131	8-8V18.0	1200.00	2 9/32	1W	M°	6 3/4	11/32	213
19.0	18.8	6-8V19.0	1040.00	1 5/32	1A	J	4 1/2	1 15/32	146	8-8V19.0	1240.00	2 9/32	1W	M°	6 3/4	11/32	221
20.0	19.8	6-8V20.0	1190.00	1 9/32	2A	M°	6 3/4	29/32	153	8-8V20.0	1280.00	2 9/32	1W	M°	6 3/4	11/32	217
21.2	21.0	6-8V21.2	1320.00	1 9/32	2A	M°	6 3/4	29/32	170	8-8V21.2	1380.00	2 9/32	1W	M°	6 3/4	11/32	239
22.4	22.2	6-8V22.4	1560.00	1 9/32	2A	M°	6 3/4	29/32	205	8-8V22.4	1590.00	2 9/32	1A	M°	6 3/4	11/32	260
24.8	24.6	6-8V24.8	1590.00	9/32	1A	M°	6 3/4	3/32	285	8-8V24.8	1790.00	3/16	1A	N°	8 1/8	1 1/16	417
30.0	29.8	6-8V30.0	1610.00	9/32	1A	M°	6 3/4	3/32	291	8-8V30.0	1840.00	3/16	1A	N°	8 1/8	1 1/16	352
35.5	35.3	6-8V35.5	2190.00	3/16	5A	N°	8 1/8	13/16	467	8-8V35.5	2390.00	3/16	1A	N°	8 1/8	1 1/16	575
40.0	39.8	6-8V40.0	2440.00	3/16	5A	N°	8 1/8	13/16	401	8-8V40.0	2640.00	3/16	1A	N°	8 1/8	1 1/16	496
44.5	44.3	6-8V44.5	3390.00	3/16	5A	N°	8 1/8	13/16	573	8-8V44.5	3790.00	1/4	2A	P°	9 3/8	1/4	783
53.0	52.8	6-8V53.0	3720.00	3/16	5A	N°	8 1/8	13/16	520	8-8V53.0	3960.00	1/4	2A	P°	9 3/8	1/4	760
58.0	57.8	-	-	-	-	-	-	-	-	8-8V58.0	5500.00	1/4	2A	P°	9 3/8	1/4	1068
63.0	62.8	6-8V63.0	6190.00	3/4	5A	P°	9 3/8	1 1/2	890	8-8V63.0	6990.00	1/4	2A	P°	9 3/8	1/4	1116
71.0	70.8	6-8V71.0	9000.00	3/4	5A	P°	9 3/8	1 1/2	1131	8-8V71.0	10000.00	0	2A	W°	11 3/8	2	1632

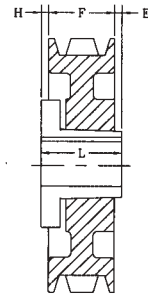
P.D. for "8V" Belts same as O.D.



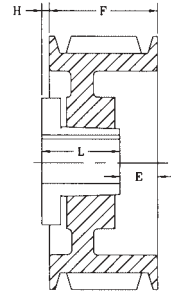
Type 1



Type 2



Type 5



Type 6

"QD" bushings is a registered trademark and manufactured by Maska under license.

CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

O.D.	Datum Dia.	10 GROOVES								12 GROOVES							
		Part No	List Price	F = 11 5/8 inches						Part No	List Price	F = 13 7/8 inches					
				H	Type	B	L	E	Wt			H	Type	B	L	E	Wt
12.5	12.3	10-8V12.5	948.00	2 5/32	1B	J	4 1/2	4 31/32	148	12-8V12.5	2080.00	2 11/32	1B	M°	6 3/4	4 25/32	197
13.2	13.0	10-8V13.2	1114.00	2 5/32	1B	J	4 1/2	4 31/32	148	12-8V13.2	2120.00	2 11/32	1B	M°	6 3/4	4 25/32	219
14.0	13.8	10-8V14.0	1278.00	2 5/32	1B	J	4 1/2	4 31/32	160	12-8V14.0	2160.00	2 11/32	1B	M°	6 3/4	4 25/32	245
15.0	14.8	10-8V15.0	1442.00	2 9/32	1B	M°	6 3/4	2 19/32	259	12-8V15.0	2200.00	2 11/32	1B	M°	6 3/4	4 25/32	280
16.0	15.8	10-8V16.0	1608.00	2 9/32	1B	M°	6 3/4	2 19/32	296	12-8V16.0	2240.00	2 11/32	1B	M°	6 3/4	4 25/32	319
17.0	16.8	10-8V17.0	1648.00	2 9/32	1W	M°	6 3/4	2 19/32	269	12-8V17.0	2280.00	2 11/32	1B	M°	6 3/4	4 25/32	321
18.0	17.8	10-8V18.0	1720.00	2 9/32	1W	M°	6 3/4	2 19/32	282	12-8V18.0	2320.00	2 11/32	1B	M°	6 3/4	4 25/32	337
19.0	18.8	10-8V19.0	1760.00	2 9/32	1W	M°	6 3/4	2 19/32	300	12-8V19.0	2400.00	3/16	1B	N°	8 1/8	5 9/16	380
20.0	19.8	10-8V20.0	1860.00	2 9/32	1W	M°	6 3/4	2 19/32	318	12-8V20.0	2480.00	3/16	1W	N°	8 1/8	5 9/16	402
21.2	21.0	10-8V21.2	2040.00	2 9/32	1W	M°	6 3/4	2 19/32	340	12-8V21.2	2560.00	3/16	1W	N°	8 1/8	5 9/16	420
22.4	22.2	10-8V22.4	2246.00	3/16	1A	N°	8 1/8	3 5/16	410	12-8V22.4	2640.00	3/16	1A	N°	8 1/8	5 9/16	458
24.8	24.6	10-8V24.8	2290.00	3/16	1A	N°	8 1/8	3 5/16	463	12-8V24.8	3000.00	3/16	1A	N°	8 1/8	5 9/16	516
30.0	29.8	10-8V30.0	2350.00	3/16	1A	N°	8 1/8	3 5/16	557	12-8V30.0	3380.00	1/4	1A	P°	9 3/8	4 1/4	671
35.5	35.3	10-8V35.5	2790.00	1/4	1A	P°	9 3/8	2	706	12-8V35.5	3660.00	1/4	1A	P°	9 3/8	4 1/4	798
40.0	39.8	10-8V40.0	3350.00	1/4	1A	P°	9 3/8	2	817	12-8V40.0	5000.00	1/4	1A	P°	9 3/8	4 1/4	909
44.5	44.3	10-8V44.5	4190.00	1/4	1A	P°	9 3/8	2	854	12-8V44.5	6500.00	1/4	1A	P°	9 3/8	4 1/4	982
53.0	52.8	10-8V53.0	5000.00	1/4	1A	P°	9 3/8	2	1198	12-8V53.0	8000.00	5/8	1A	W°	11 3/8	1 7/8	1456
58.0	57.8	10-8V58.0	7000.00	3/8	2A	W°	11 3/8	1/8	1300	12-8V58.0	9000.00	5/8	1A	W°	11 3/8	1 7/8	1500
63.0	62.8	10-8V63.0	9000.00	3/8	2A	W°	11 3/8	1/8	1412	12-8V63.0	10000.00	5/8	1A	W°	11 3/8	1 7/8	1540
71.0	70.8	10-8V71.0	11500.00	3/8	2A	W°	11 3/8	1/8	1771	12-8V71.0	13000.00	5/8	1A	W°	11 3/8	1 7/8	1912

P.D. for "8V" Belts same as O.D.

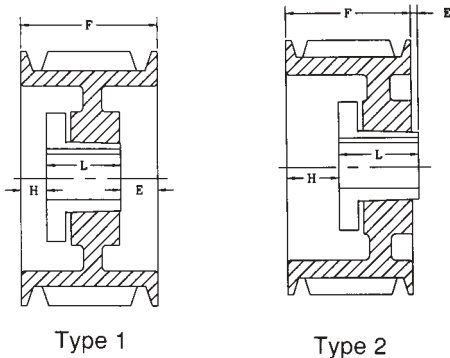
All dimensions are to closest fraction

"B": Bushing size

For mounting instructions, see page 10

Suffix on type indicates construction: A = arms; B = block; W = web.

*Note: M-N-P-W bushings are standard mounting only.
See page 10



Type 1

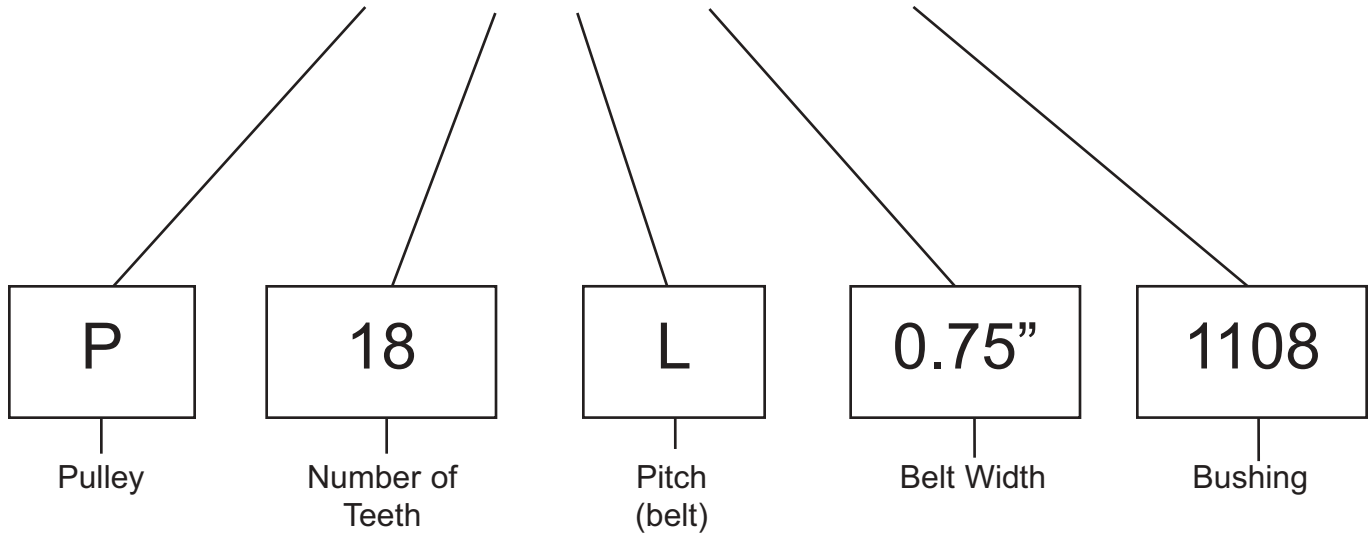
Type 2

"QD" bushings is a registered trademark and manufactured by Maska under license.

CAUTION: DO NOT use these gray cast iron sheaves with rim speeds in excess of 6500 feet per minute. Note that the max. RPM indicated on the arm of the sheave is based on the 6500 ft/min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please refer to page 33 to verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI Standard B15.1)

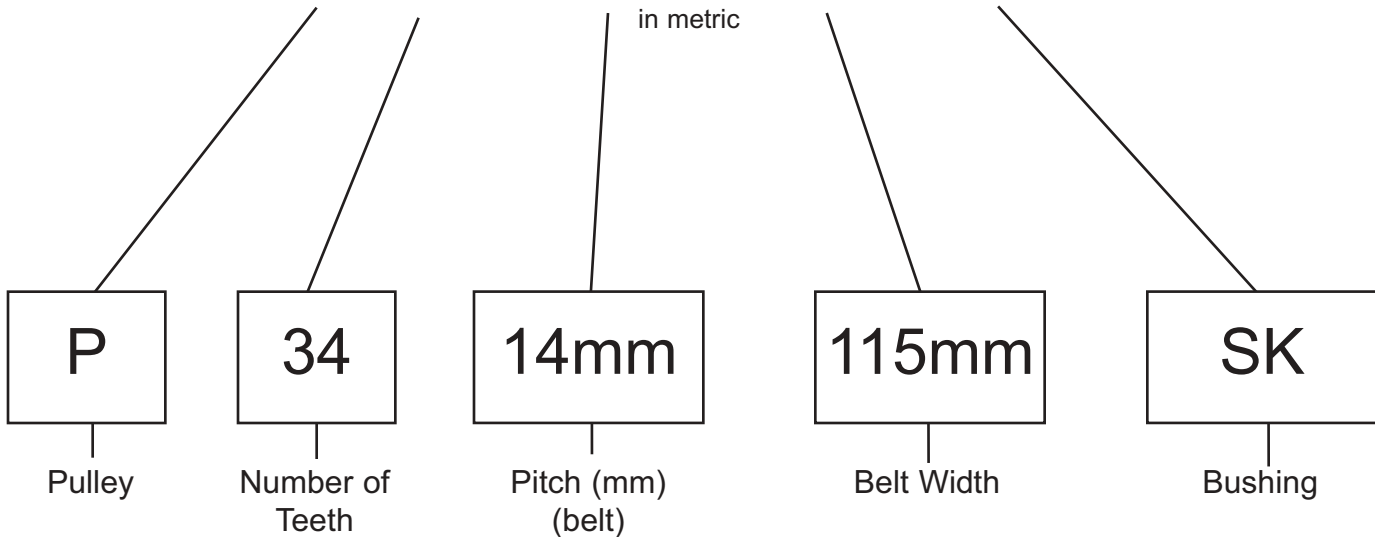
Timing Pulley

P18L075-1108



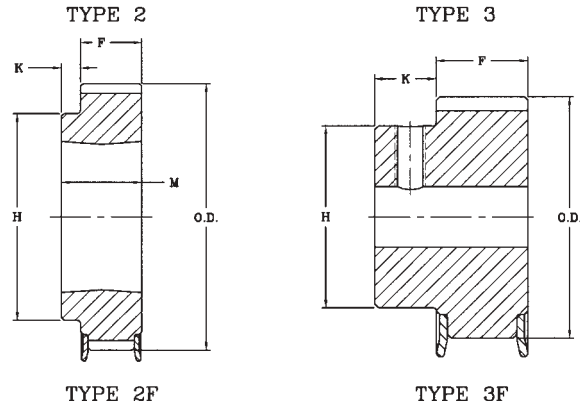
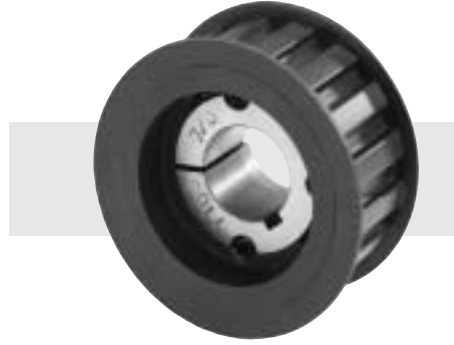
HTD Sprocket

P34-14M-115-SK



PRODUCT FEATURES:

- Synchronized no-slip transmission
- No lubrication required
- Compact design
- High efficiency
- Low maintenance, economical operations



XL Pitch

Part No	List Price (\$)	Bushing	Number of Teeth	Diameters			Type	Dimensions (inches)			Bore Range		Wt
				Pitch Diam.	O.D.			K	M	H	Min.	Max.	
					Sprocket	Flange							
For Belts 1/4", 5/16" & 3/8" wide - 1/5" pitch (XL037) - Face width (F) = 9/16"													
P10XL037-PB	9.00	...	10	0.637	0.617	0.91	3B F	1/4	...	1/2	3/16	1/4*	0.05
P11XL037-PB	9.40	...	11	0.700	0.680	0.91	3B F	1/4	...	1/2	3/16	1/4*	0.05
P12XL037-PB	9.80	...	12	0.764	0.744	0.98	3B F	1/4	...	1/2	3/16	5/16*	0.07
P14XL037-PB	11.70	...	14	0.891	0.871	1.10	3B F	1/4	...	9/16	1/4	3/8*	0.09
P15XL037-PB	12.10	...	15	0.955	0.935	1.10	3B F	1/4	...	5/8	1/4	7/16*	0.10
P16XL037-PB	12.80	...	16	1.019	0.999	1.26	3B F	1/4	...	11/16	1/4	1/2*	0.12
P18XL037-PB	14.30	...	18	1.146	1.126	1.38	3B F	1/4	...	13/16	1/4	9/16*	0.16
P20XL037-PB	15.10	...	20	1.273	1.253	1.50	3B F	11/32	...	15/16	1/4	11/16*	0.21
P21XL037-PB	16.20	...	21	1.337	1.317	1.50	3B F	11/32	...	15/16	1/4	11/16*	0.23
P22XL037-PB	16.60	...	22	1.401	1.381	1.61	3B F	11/32	...	1	1/4	3/4*	0.26
P24XL037-PB	18.50	...	24	1.528	1.508	1.73	3B F	11/32	...	1 1/16	1/4	13/16*	0.31
P28XL037-PB	21.10	...	28	1.783	1.763	2.01	3B F	11/32	...	1 3/16	1/4	15/16*	0.42
P30XL037-PB	22.20	...	30	1.910	1.890	2.13	3B F	11/32	...	1 3/8	5/16	1 1/16*	0.41
P32XL037-PB	22.60	...	32	2.037	2.017	...	3B	7/16	...	1 1/2	5/16	1 3/16*	0.63
P36XL037-PB	23.00	...	36	2.292	2.272	...	3B	7/16	...	1 1/2	5/16	1 3/16*	0.74
P40XL037-PB	23.40	...	40	2.546	2.526	...	3B	7/16	...	1 1/2	5/16	1 3/16*	0.88
P42XL037-PB	23.80	...	42	2.674	2.654	...	3B	7/16	...	1 1/2	5/16	1 3/16*	0.96
P44XL037-PB	24.50	...	44	2.801	2.781	...	3B	7/16	...	1 1/2	5/16	1 3/16*	1.03
P48XL037-PB	26.00	...	48	3.056	3.036	...	3B	7/16	...	1 1/2	5/16	1 3/16*	1.20
P60XL037-PB	31.30	...	60	3.820	3.800	...	3B	7/16	...	1 1/2	3/8	1 3/16*	1.78
P72XL037-PB	39.20	...	72	4.584	4.564	...	3B	7/16	...	1 1/2	3/8	1 3/16*	2.51
**P32XL037-1108	27.50	1108	32	2.037	2.017	...	2B	0	25/32	...	1/2	1 1/8	0.25
**P36XL037-1108	28.40	1108	36	2.292	2.272	...	2B	0	25/32	...	1/2	1 1/8	0.38
P40XL037-1108	29.50	1108	40	2.546	2.526	...	2B	7/32	25/32	2 5/32	1/2	1 1/8	0.57
P42XL037-1108	31.10	1108	42	2.674	2.654	...	2B	7/32	25/32	2 17/64	1/2	1 1/8	0.67
P44XL037-1108	32.50	1108	44	2.801	2.781	...	2B	7/32	25/32	2 11/32	1/2	1 1/8	0.77
P48XL037-1108	35.90	1108	48	3.056	3.036	...	2B	7/32	25/32	2 19/32	1/2	1 1/8	0.99
P60XL037-1210	37.50	1210	60	3.820	3.800	...	2B	7/16	63/64	3 13/32	1/2	1 1/4	2.02
P72XL037-1610	39.10	1610	72	4.584	4.564	...	2B	7/16	63/64	4	1/2	1 11/16	2.86

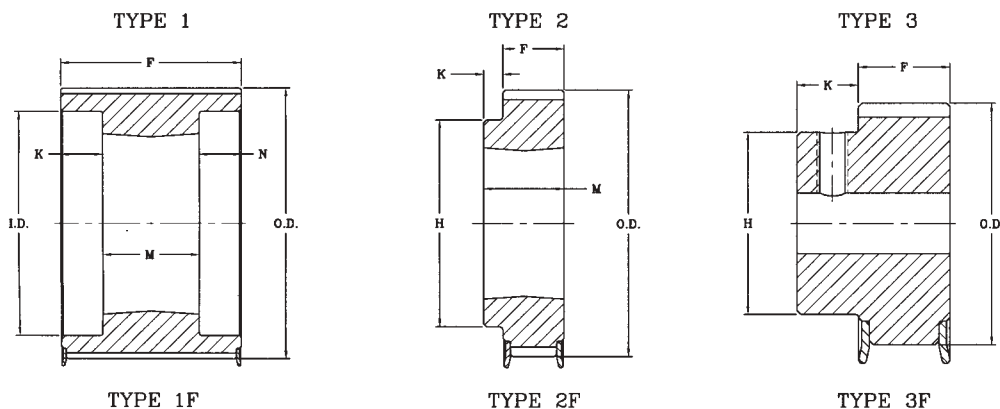
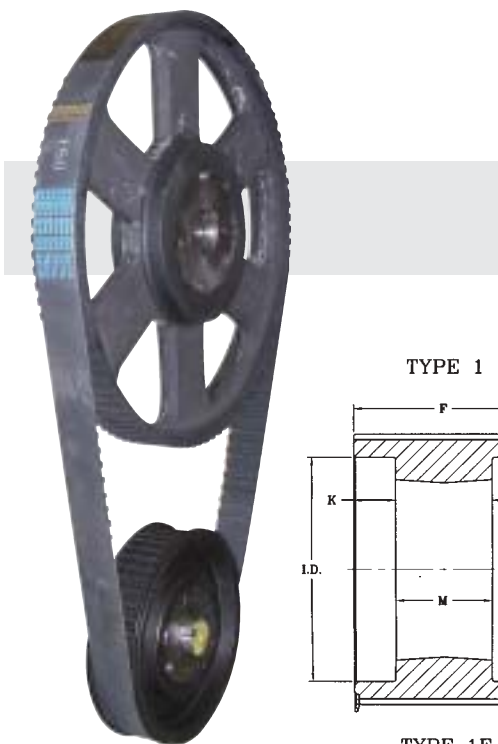
*Available from stock in min. plain bore. Max. bore is w/o keyway. (If keyway is used, reduce max. bore listed by twice the keyway depth.)
 (**Two hex-socket set screws furnished @ 90 degrees are included in price of pulley.)

All dimensions are to closest fraction.

Suffix on type indicates construction: A= arms; B= block; W= web; F= flanges

**These parts are made of steel

Weight for all items is approximate.



L Pitch

Part No	List Price (\$)	Bushing	Number of Teeth	Diameters			Type	Dimensions (inches)				Bore Range		Wt	
				Pitch Diam.	O.D. Sprocket	O.D. Flange		I.D.	K	M	N	H	Min.		Max.
For belts 1/2" wide - 3/8" pitch (L050) - Face Width (F) = 3/4"															
P10L050-PB	14.60	...	10	1.194	1.164	1.46	...	3B F	1/2	...	...	7/8	3/8	*1/2	0.20
P12L050-PB	16.10	...	12	1.432	1.402	1.69	...	3B F	1/2	...	...	1 1/8	3/8	*3/4	0.34
P13L050-PB	17.00	...	13	1.552	1.522	1.73	...	3B F	1/2	...	...	1 7/32	3/8	*3/4	0.42
P14L050-PB	18.80	...	14	1.671	1.641	1.89	...	3B F	1/2	...	...	1 5/16	3/8	*7/8	0.48
P15L050-PB	19.20	...	15	1.790	1.760	2.01	...	3B F	1/2	...	...	1 3/8	1/2	*7/8	0.53
P16L050-PB	20.60	...	16	1.910	1.880	2.13	...	3B F	1/2	...	...	1 1/2	1/2	*1	0.62
P17L050-PB	21.80	...	17	2.029	1.999	2.24	...	3B F	1/2	...	...	1 1/2	1/2	*1	0.70
P18L050-1108	27.50	1108	18	2.149	2.119	2.38	...	2B F	1/32	25/32	...	1 49/64	1/2	1 1/8	0.40
P20L050-1108	28.40	1108	20	2.387	2.357	2.64	...	2B F	1/32	25/32	...	2	1/2	1 1/8	0.55
P21L050-1108	29.10	1108	21	2.507	2.477	2.76	...	2B F	1/32	25/32	...	1 31/32	1/2	1 1/8	0.65
P22L050-1108	29.50	1108	22	2.626	2.596	2.95	...	2B F	1/32	25/32	...	2 11/64	1/2	1 1/8	0.75
**P24L050-1210	31.10	1210	24	2.865	2.835	3.13	...	2B F	15/64	63/64	...	2 9/32	1/2	11/4	0.90
P26L050-1210	32.50	1210	26	3.104	3.074	3.40	...	2B F	15/64	63/64	...	2 9/16	1/2	11/4	1.10
P28L050-1210	34.80	1210	28	3.342	3.312	3.59	...	2B F	15/64	63/64	...	2 9/16	1/2	11/4	1.30
**P30L050-1610	35.00	1610	30	3.581	3.551	3.83	...	2B F	15/64	63/64	...	2 3/4	1/2	111/16	1.40
P32L050-1610	53.90	1610	32	3.820	3.790	4.04	...	2B F	15/64	63/64	...	2 29/32	1/2	111/16	1.65
P40L050-2012	58.50	2012	40	4.775	4.745	5.05	...	2B F	7/16	1 3/16	...	3 13/16	1/2	2 1/8	3.00
P48L050-2012	68.60	2012	48	5.730	5.700	5.91	...	2B F	7/16	1 3/16	...	3 15/16	1/2	2 1/8	4.55
P60L050-2012	75.80	2012	60	7.162	7.132	...	...	2W	7/16	1 3/16	...	4 11/64	1/2	2 1/8	6.15
P72L050-2012	81.50	2012	72	8.594	8.564	...	...	2W	7/16	1 3/16	...	4 11/64	1/2	2 1/8	9.55
P84L050-2517	93.70	2517	84	10.027	9.997	...	...	2W	1 1/64	1 49/64	...	4 11/16	1/2	2 11/16	13.75

* Available from stock in min. plain bore only. Max. bore is without keyway.
(If keyway is used, reduce max. bore listed by twice the keyway depth.)

** These parts are made of steel

All dimensions are to the closest fraction.

Suffix on type indicates construction: A= arms; B= block; W= web; F= flanges

Weight for all items is approximate.

L Pitch

NEW: Warehouse Innovation
Color-coded product labels for easy stock retrieval on shelves.

Part No	List Price (\$)	Bushing	Number of Teeth	Diameters				Type	Dimensions (inches)				Bore Range		Wt
				Pitch Diam.	O.D.		I.D.		K	M	N	H	Min.	Max.	
					Sprocket	Flange									
For Belts 3/4" wide - 3/8" pitch (L075) - Face width (F) = 1"															
P12L075-PB	19.50	...	12	1.432	1.402	1.69	...	3B F	1/2	...	...	1 1/8	3/8	*3/4	0.43
P13L075-PB	19.90	...	13	1.552	1.522	1.73	...	3B F	1/2	...	...	1 7/32	3/8	*3/4	0.50
P14L075-PB	21.30	...	14	1.671	1.641	1.89	...	3B F	1/2	...	...	1 5/16	3/8	*7/8	0.53
P15L075-PB	22.00	...	15	1.790	1.760	2.01	...	3B F	1/2	...	...	1 3/8	1/2	*7/8	0.60
P16L075-PB	22.80	...	16	1.910	1.880	2.13	...	3B F	1/2	...	...	1 1/2	1/2	*1	0.70
P17L075-PB	24.00	...	17	2.029	1.999	2.24	...	3B F	1/2	...	...	1 1/2	1/2	*1	0.80
P18L075-1108	29.10	1108	18	2.149	2.119	2.38	1.60	1B F	13/64	25/32	0	...	1/2	1 1/8	0.45
P20L075-1108	30.50	1108	20	2.387	2.357	2.64	1.77	1B F	13/64	25/32	0	...	1/2	1 1/8	0.65
P22L075-1108	33.20	1108	22	2.626	2.596	2.95	1.89	1B F	13/64	25/32	0	...	1/2	1 1/8	0.90
P24L075-1210	34.80	1210	24	2.865	2.835	3.13	...	2B F	0	63/64	...	...	1/2	1 1/4	0.90
P26L075-1210	36.80	1210	26	3.104	3.074	3.40	...	2B F	0	63/64	...	...	1/2	1 1/4	1.25
P28L075-1610	39.50	1610	28	3.342	3.312	3.59	...	2B F	0	63/64	...	...	1/2	1 11/16	1.20
P30L075-1610	42.50	1610	30	3.581	3.551	3.83	...	2B F	0	63/64	...	...	1/2	1 11/16	1.85
P32L075-1610	45.20	1610	32	3.820	3.790	4.04	...	2B F	0	63/64	...	...	1/2	1 11/16	1.85
P40L075-2012	62.50	2012	40	4.775	4.745	5.05	...	2B F	13/64	1 3/16	...	3 13/16	1/2	2 1/8	3.30
P48L075-2012	71.70	2012	48	5.730	5.700	5.91	...	2B F	13/64	1 3/16	...	3 15/16	1/2	2 1/8	5.35
P60L075-2012	82.20	2012	60	7.162	7.132	...	...	2W	13/64	1 3/16	...	4 11/64	1/2	2 1/8	6.45
P72L075-2012	89.20	2012	72	8.594	8.564	...	...	2W	13/64	1 3/16	...	4 11/64	1/2	2 1/8	9.70
P84L075-2517	109.60	2517	84	10.027	9.997	...	...	2W	25/32	1 49/64	...	4 11/16	1/2	2 11/16	14.55

For Belts 1" wide - 3/8" pitch (L100) - Face width (F) = 1 1/4"															
P13L100-PB	22.50	...	13	1.552	1.522	1.73	...	3B F	1/2	...	...	1 7/32	3/8	*3/4	0.60
P14L100-PB	23.30	...	14	1.671	1.641	1.89	...	3B F	1/2	...	...	1 5/16	3/8	*7/8	0.65
P15L100-PB	24.00	...	15	1.790	1.760	2.01	...	3B F	1/2	...	...	1 3/8	1/2	*7/8	0.74
P16L100-PB	24.80	...	16	1.910	1.880	2.13	...	3B F	1/2	...	...	1 1/2	1/2	*1	0.80
P17L100-PB	26.30	...	17	2.029	1.999	2.24	...	3B F	1/2	...	...	1 1/2	1/2	*1	1.00
P18L100-1108	32.00	1108	18	2.149	2.119	2.38	1.60	1B F	15/32	25/32	0	...	1/2	1 1/8	0.55
P20L100-1108	33.60	1108	20	2.387	2.357	2.64	1.77	1B F	15/32	25/32	0	...	1/2	1 1/8	0.80
P22L100-1108	36.40	1108	22	2.626	2.596	2.95	1.89	1B F	15/32	25/32	0	...	1/2	1 1/8	1.05
P24L100-1210	37.50	1210	24	2.865	2.835	3.13	2.24	1B F	9/32	63/64	0	...	1/2	1 1/4	1.25
P26L100-1210	40.00	1210	26	3.104	3.074	3.40	2.36	1B F	9/32	63/64	0	...	1/2	1 1/4	1.45
P28L100-1610	42.50	1610	28	3.342	3.312	3.59	2.54	1B F	9/32	63/64	0	...	1/2	1 11/16	1.45
P30L100-1610	46.10	1610	30	3.581	3.551	3.83	2.80	1B F	9/32	63/64	0	...	1/2	1 11/16	1.75
P32L100-1610	49.80	1610	32	3.820	3.790	4.04	2.95	1B F	9/32	63/64	0	...	1/2	1 11/16	2.15
P40L100-2012	67.90	2012	40	4.775	4.745	5.05	3.78	1B F	5/64	1 3/16	0	...	1/2	2 1/8	3.75
P48L100-2012	78.80	2012	48	5.730	5.700	5.91	4.72	1B F	5/64	1 3/16	0	...	1/2	2 1/8	6.10
P60L100-2012	92.70	2012	60	7.162	7.132	...	6.54	1W	5/64	1 3/16	0	...	1/2	2 1/8	6.95
P72L100-2012	112.20	2012	72	8.594	8.564	...	7.95	1W	5/64	1 3/16	0	...	1/2	2 1/8	10.60
P84L100-2517	128.70	2517	84	10.027	9.997	...	...	2W	33/64	1 49/64	...	4 11/16	1/2	2 11/16	15.15

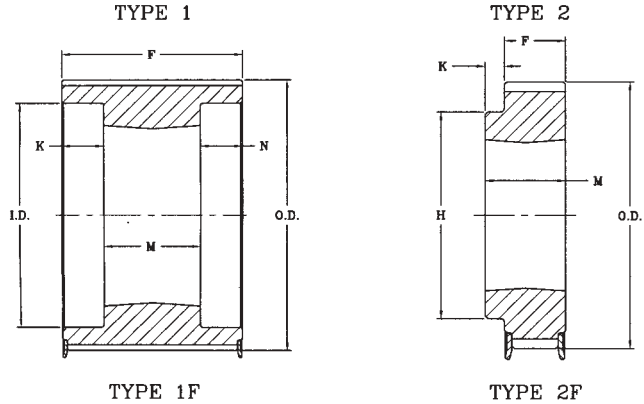
* Available from stock in min. plain bore only. Max. bore is without keyway.
(If keyway is used, reduce max. bore listed by twice the keyway depth.)

All dimensions are to the closest fraction.

Suffix on type indicates construction: A= arms; B= block; W= web; F= flanges

Weight for all items is approximate.

H Pitch



Part No	List Price (\$)	Bushing	Number of Teeth	Diameters				Type	Dimensions (inches)				Bore Range		Wt
				Pitch Diam.	O.D.		I.D.		K	M	N	H	Min.	Max.	
					Sprocket	Flange									
For Belts 1" wide - 1/2" pitch (H100) - Face width (F) = 1 1/4"															
*P14H100-1108	32.50	1108	14	2.228	2.174	2.52	1.60	1B F	7/16	25/32	0	...	1/2	1 1/8	0.70
*P16H100-1108	35.50	1108	16	2.546	2.492	2.77	1.77	1B F	7/16	25/32	0	...	1/2	1 1/8	0.90
*P18H100-1210	37.50	1210	18	2.865	2.811	3.12	2.24	1B F	15/64	63/64	0	...	1/2	1 1/4	1.00
*P20H100-1210	41.10	1210	20	3.183	3.129	3.40	2.36	1B F	15/64	63/64	0	...	1/2	1 1/4	1.45
P22H100-1610	48.90	1610	22	3.501	3.447	3.70	2.64	1B F	9/32	63/64	0	...	1/2	1 11/16	1.60
P24H100-1610	54.30	1610	24	3.820	3.766	4.04	2.89	1B F	9/32	63/64	0	...	1/2	1 11/16	2.10
P26H100-2012	62.00	2012	26	4.138	4.084	4.41	3.23	1B F	5/64	1 3/16	0	...	1/2	2 1/8	2.25
P28H100-2012	66.10	2012	28	4.456	4.402	4.74	3.56	1B F	5/64	1 3/16	0	...	1/2	2 1/8	2.95
P30H100-2012	69.70	2012	30	4.775	4.721	5.04	3.86	1B F	5/64	1 3/16	0	...	1/2	2 1/8	3.60
P32H100-2517	69.70	2517	32	5.093	5.039	5.32	...	2B F	33/64	1 49/64	...	4 11/64	1/2	2 11/16	4.20
P40H100-2517	92.30	2517	40	6.366	6.312	6.63	...	2W F	33/64	1 49/64	...	4 11/16	1/2	2 11/16	7.40
P48H100-2517	119.70	2517	48	7.639	7.585	7.87	...	2W F	33/64	1 49/64	...	4 11/16	1/2	2 11/16	9.95
**P60H100-3020	163.40	3020	60	9.549	9.495	...	...	2W	5/8	1 31/32	...	2 29/32	7/8	3 1/4	16.45
**P72H100-3020	166.60	3020	72	11.459	11.405	...	...	2W	5/8	1 31/32	...	5 29/32	7/8	3 1/4	22.75
**P84H100-3020	205.60	3020	84	13.369	13.315	...	...	2W	5/8	1 31/32	...	5 29/32	7/8	3 1/4	29.90
**P96H100-3020	256.60	3020	96	15.279	15.225	...	...	2A	5/8	1 31/32	...	5 29/32	7/8	3 1/4	28.75
**P120H100-3020	411.60	3020	120	19.099	19.045	...	...	2A	5/8	1 31/32	...	5 29/32	7/8	3 1/4	42.25
For Belts 1 1/2" wide - 1/2" pitch (H150) - Face width (F) = 1 3/4"															
P14H150-1108	43.20	1108	14	2.228	2.174	2.52	1.60	1B F	63/64	25/32	0	...	1/2	1 1/8	0.80
P16H150-1108	47.30	1108	16	2.546	2.492	2.77	1.77	1B F	63/64	25/32	0	...	1/2	1 1/8	1.20
P18H150-1210	48.90	1210	18	2.865	2.811	3.12	2.24	1B F	25/32	63/64	0	...	1/2	1 1/4	1.30
P20H150-1210	54.50	1210	20	3.183	3.129	3.40	2.36	1B F	25/32	63/64	0	...	1/2	1 1/4	1.85
P22H150-1610	61.10	1610	22	3.501	3.447	3.70	2.64	1B F	25/32	63/64	0	...	1/2	1 11/16	2.10
P24H150-2012	66.10	2012	24	3.820	3.766	4.04	3.13	1B F	19/32	1 3/16	0	...	1/2	2 1/8	2.05
P26H150-2012	73.40	2012	26	4.138	4.084	4.41	3.23	1B F	19/32	1 3/16	0	...	1/2	2 1/8	2.80
P28H150-2012	77.50	2012	28	4.456	4.402	4.74	3.56	1B F	19/32	1 3/16	0	...	1/2	2 1/8	3.50
P30H150-2012	81.80	2012	30	4.775	4.721	5.04	3.86	1B F	19/32	1 3/16	0	...	1/2	2 1/8	4.30
P32H150-2517	82.90	2517	32	5.093	5.039	5.32	...	2B F	0	1 49/64	...	...	1/2	2 11/16	4.90
P40H150-2517	107.70	2517	40	6.366	6.312	6.63	...	2W F	0	1 49/64	...	...	1/2	2 11/16	8.20
P48H150-2517	138.90	2517	48	7.639	7.585	7.87	...	2W F	0	1 49/64	...	...	1/2	2 11/16	11.25
P60H150-3020	153.40	3020	60	9.549	9.495	...	...	2W	13/64	1 31/32	...	6 19/64	7/8	3 1/4	10.80
P72H150-3020	193.10	3020	72	11.459	11.405	...	...	2W	13/64	1 31/32	...	6 19/64	7/8	3 1/4	25.20
P84H150-3020	240.50	3020	84	13.369	13.315	...	...	2W	13/64	1 31/32	...	6 19/64	7/8	3 1/4	32.40
P96H150-3020	304.80	3020	96	15.279	15.225	...	...	2A	13/64	1 31/32	...	6 19/64	7/8	3 1/4	31.52
P120H150-3020	499.80	3020	120	19.099	19.045	...	...	2A	13/64	1 31/32	...	6 19/64	7/8	3 1/4	46.50

* Face width (F) = 1 7/32"

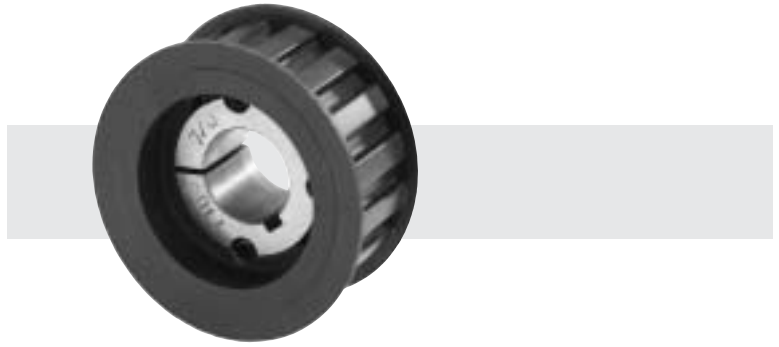
** Face width (F) = 1 11/32"

Suffix on type indicates construction: A= arms; B= block; W= web; F= flanges

All dimensions are to the closest fraction.

Weight for all items is approximate.

H Pitch



Part No	List Price (\$)	Bushing	Number of Teeth	Diameters				Type	Dimensions (inches)				Bore Range		Wt
				Pitch Diam.	O.D.		I.D.		K	M	N	H	Min.	Max.	
					Sprocket	Flange									
For Belts 2" wide - 1/2" pitch (H200) - Face width (F) = 2 9/32"															
P16H200-1108	60.00	1108	16	2.546	2.492	2.77	1.77	1B F	1 1/2	25/32	0	...	1/2	1 1/8	1.50
P18H200-1210	62.70	1210	18	2.865	2.811	3.12	2.24	1B F	1 19/64	63/64	0	...	1/2	1 1/4	1.50
P20H200-1210	69.30	1210	20	3.183	3.129	3.40	2.36	1B F	1 19/64	63/64	0	...	1/2	1 1/4	2.30
P22H200-1610	71.80	1610	22	3.501	3.447	3.70	2.64	1B F	1 19/64	63/64	0	...	1/2	1 11/16	2.55
P24H200-2012	76.60	2012	24	3.820	3.766	4.04	3.15	1B F	1 7/64	1 3/16	0	...	1/2	2 1/8	2.45
P26H200-2012	83.20	2012	26	4.138	4.084	4.41	3.23	1B F	1 7/64	1 3/16	0	...	1/2	2 1/8	3.40
P28H200-2012	88.90	2012	28	4.456	4.402	4.74	3.56	1B F	1 7/64	1 3/16	0	...	1/2	2 1/8	4.15
P30H200-2012	95.00	2012	30	4.775	4.721	5.04	3.86	1B F	1 7/64	1 3/16	0	...	1/2	2 1/8	4.90
P32H200-2517	97.90	2517	32	5.093	5.039	5.32	4.17	1B F	33/64	1 49/64	0	...	1/2	2 11/16	5.75
P40H200-2517	142.00	2517	40	6.366	6.312	6.63	5.43	1W F	33/64	1 49/64	0	...	1/2	2 11/16	9.30
P48H200-3020	191.80	3020	48	7.639	7.585	7.87	6.65	1B F	5/16	1 31/32	0	...	7/8	3 1/4	16.40
*P60H200-3020	205.40	3020	60	9.549	9.495	...	8.78	1W	25/64	1 31/32	0	...	7/8	3 1/4	20.10
*P72H200-3020	258.40	3020	72	11.459	11.405	...	10.62	1W	25/64	1 31/32	0	...	7/8	3 1/4	27.15
*P84H200-3020	292.80	3020	84	13.369	13.315	...	12.60	1W	25/64	1 31/32	0	...	7/8	3 1/4	34.62
*P96H200-3535	352.70	3535	96	15.279	15.225	...	...	2A	1 9/64	3 1/2	...	7 1/64	1 3/16	3 15/16	43.95
*P120H200-3535	587.70	3535	120	19.099	19.045	...	...	2A	1 9/64	3 1/2	...	7 1/64	1 3/16	3 15/16	58.92

For Belts 3" wide - 1/2" pitch (H300) - Face width (F) = 3 5/16"															
P16H300-1108	79.70	1108	16	2.546	2.492	2.77	1.82	1B F	1 17/64	25/32	1 17/64	...	1/2	1 1/8	2.00
P18H300-1210	88.60	1210	18	2.865	2.811	3.12	2.24	1B F	1 5/32	63/64	1 5/32	...	1/2	1 1/4	2.05
P20H300-1210	107.70	1210	20	3.183	3.129	3.40	2.36	1B F	1 5/32	63/64	1 5/32	...	1/2	1 1/4	3.05
P22H300-1610	106.80	1610	22	3.501	3.447	3.70	2.64	1B F	1 5/32	63/64	1 5/32	...	1/2	1 11/16	3.50
P24H300-2012	114.30	2012	24	3.820	3.766	4.04	2.95	1B F	1 1/16	1 3/16	1 1/16	...	1/2	2 1/8	4.05
P26H300-2012	120.70	2012	26	4.138	4.084	4.41	3.23	1B F	1 1/16	1 3/16	1 1/16	...	1/2	2 1/8	4.60
P28H300-2012	127.30	2012	28	4.456	4.402	4.74	3.56	1B F	1 1/16	1 3/16	1 1/16	...	1/2	2 1/8	5.40
P30H300-2012	140.50	2012	30	4.775	4.721	5.04	3.86	1B F	1 1/16	1 3/16	1 1/16	...	1/2	2 1/8	6.45
P32H300-2517	148.80	2517	32	5.093	5.039	5.32	4.17	1B F	49/64	1 49/64	49/64	...	1/2	2 11/16	7.25
P40H300-2517	184.20	2517	40	6.366	6.312	6.63	5.43	1W F	1 17/32	1 49/64	0	...	1/2	2 11/16	11.40
**P48H300-3020	254.90	3020	48	7.639	7.585	7.87	6.65	1B F	1 27/64	1 31/32	0	...	7/8	3 1/4	19.25
**P60H300-3020	254.50	3020	60	9.549	9.495	...	8.78	1W	1 27/64	1 31/32	0	...	7/8	3 1/4	22.60
**P72H300-3020	332.00	3020	72	11.459	11.405	...	10.62	1W	1 27/64	1 31/32	0	...	7/8	3 1/4	30.70
**P84H300-3020	412.60	3020	84	13.369	13.315	...	12.60	1W	1 27/64	1 31/32	0	...	7/8	3 1/4	37.45
**P96H300-3535	494.20	3535	96	15.279	15.225	...	...	2A	1/8	3 1/2	...	7 1/64	1 3/16	3 15/16	51.84
**P120H300-3535	704.80	3535	120	19.099	19.045	...	...	2A	1/8	3 1/2	...	7 1/64	1 3/16	3 15/16	75.08

* Face width (F) = 2 11/32"

** Face width (F) = 3 3/8"

Suffix on type indicates construction: A= arms; B= block; W= web; F= flanges

All dimensions are to the closest fraction.

Weight for all items is approximate.



HTD synchronous belt drives combine the positive timing action of gears with the flexibility, speed and low noise level of belts. Maska HTD sprockets are manufactured in various sizes, dimensions and capacities to meet industry requirements -- from speeds as low as 10 RPM to speeds over 5,000 RPM and horsepower ratings from fractional to more than 250 HP.

Product Features

- Positive, non-slip drive
- No lubrication necessary
- Non-stretch
- Corrosion & abrasion resistant
- Smooth operation: no chain drive that results in vibration and speed variation
- Clean operation
- Long-life
- Low maintenance
- Quiet; no metal-to-metal contact

NEW: Warehouse Innovation
Color-coded product labels for easy stock retrieval on shelves.

8 mm Pitch

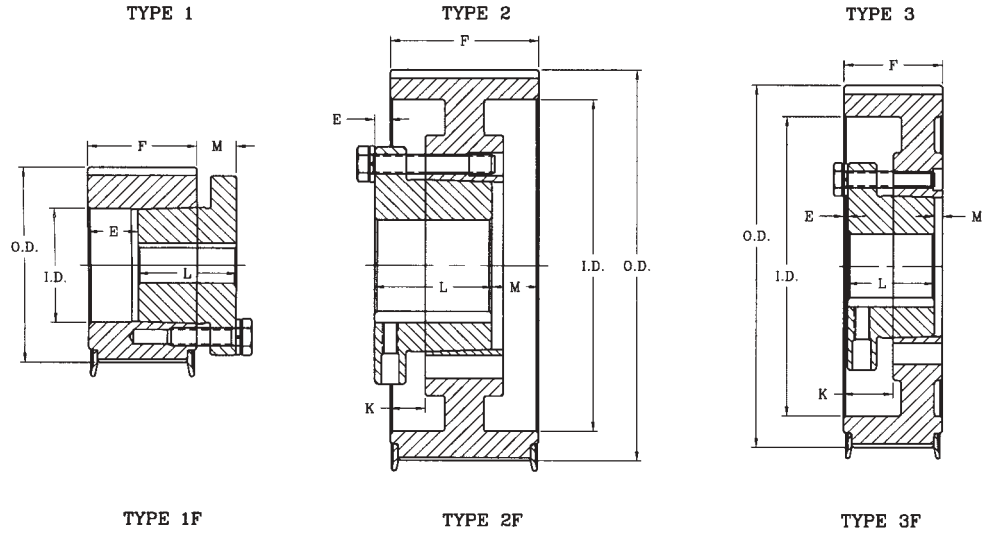
The synchronous sprockets detailed in the tables below are all stock sizes. All dimensions include the sprocket with the QD bushing in place and are in inches.

Part No	List Price (\$)	Bushing	Number of Teeth	Diameters				Type	Dimensions (inches)				Bore Range		Wt
				Pitch Diam.	O.D.		I.D.		E	K	L	M	Min.	Max.	
					Sprocket	Flange									
For Belts 3/4" (20mm) wide - 8mm pitch (8M-20) - Face width (F) = 1 1/8"															
*P24-8M-20-JA	53.00	JA	24	2.406	2.352	2.60	1.34	1B F	5/8	...	1	1/2	1/2	1 1/4	0.85
P26-8M-20-JA	54.00	JA	26	2.607	2.553	2.76	1.34	1B F	5/8	...	1	1/2	1/2	1 1/4	0.95
*P28-8M-20-L	55.00	L	28	2.807	2.759	3.11	1.60	1B F	5/16	...	1 11/32	17/32	1/2	1 1/2	1.15
P30-8M-20-L	57.00	L	30	3.008	2.958	3.25	1.60	1B F	5/16	...	1 11/32	17/32	1/2	1 1/2	1.40
P32-8M-20-L	59.00	L	32	3.208	3.156	3.43	2.56	2B F	3/32	7/32	1 11/32	5/16	1/2	1 1/2	1.35
P34-8M-20-SH	60.00	SH	34	3.409	3.355	3.58	2.75	2B F	1/4	3/8	1 1/4	1/8	1/2	1 11/16	1.30
P36-8M-20-SH	62.00	SH	36	3.609	3.555	4.02	2.82	2B F	1/4	3/8	1 1/4	1/8	1/2	1 11/16	1.65
P38-8M-20-SH	64.00	SH	38	3.810	3.756	4.17	3.00	2B F	1/4	3/8	1 1/4	1/8	1/2	1 11/16	1.85
P40-8M-20-SH	68.00	SH	40	4.010	3.956	4.41	3.00	2B F	1/4	3/8	1 1/4	1/8	1/2	1 11/16	2.20
P44-8M-20-SDS	79.00	SDS	44	4.411	4.357	4.73	3.50	2B F	5/16	3/8	1 5/16	1/8	1/2	2	2.55
P48-8M-20-SDS	92.00	SDS	48	4.812	4.758	5.04	3.80	2B F	5/16	3/8	1 5/16	1/8	1/2	2	3.10
P56-8M-20-SDS	102.00	SDS	56	5.614	5.560	5.91	4.60	2W F	5/16	3/8	1 5/16	1/8	1/2	2	4.00
P64-8M-20-SDS	125.00	SDS	64	6.416	6.362	6.61	5.40	2W F	5/16	3/8	1 5/16	1/8	1/2	2	5.20
P72-8M-20-SDS	128.00	SDS	72	7.218	7.164	7.56	6.20	2W F	5/16	3/8	1 5/16	1/8	1/2	2	7.25
P80-8M-20-SDS	138.00	SDS	80	8.020	7.966	8.35	6.90	2W F	5/16	3/8	1 5/16	1/8	1/2	2	8.80
P90-8M-20-SDS	142.00	SDS	90	9.023	8.969	...	7.90	2W	5/16	3/8	1 5/16	1/8	1/2	2	11.15
For Belts 1 3/16" (30mm) wide - 8mm pitch (8M-30) - Face width (F) = 1 1/2"															
*P24-8M-30-JA	54.00	JA	24	2.406	2.352	2.60	1.34	1B F	1	...	1	1/2	1/2	1 1/4	1.15
P26-8M-30-JA	56.00	JA	26	2.607	2.553	2.76	1.34	1B F	1	...	1	1/2	1/2	1 1/4	1.25
*P28-8M-30-L	59.00	L	28	2.807	2.759	3.11	1.60	1B F	11/16	...	1 11/32	17/32	1/2	1 1/2	1.40
P30-8M-30-L	60.00	L	30	3.008	2.958	3.25	1.60	1B F	11/16	...	1 11/32	17/32	1/2	1 1/2	1.70
P32-8M-30-L	62.00	L	32	3.208	3.156	3.43	2.56	3B F	11/16	3/4	1 11/32	3/32	1/2	1 1/2	1.60
P34-8M-30-SH	63.00	SH	34	3.409	3.355	3.58	2.75	3B F	1/8	3/4	1 1/4	1/8	1/2	1 11/16	1.55
P36-8M-30-SH	68.00	SH	36	3.609	3.555	4.02	2.82	3B F	1/8	3/4	1 1/4	1/8	1/2	1 11/16	2.00
P38-8M-30-SH	70.00	SH	38	3.810	3.756	4.17	3.00	3B F	1/8	3/4	1 1/4	1/8	1/2	1 11/16	2.15
P40-8M-30-SH	78.00	SH	40	4.010	3.956	4.41	3.00	3B F	1/8	3/4	1 1/4	1/8	1/2	1 11/16	2.65
P44-8M-30-SDS	86.00	SDS	44	4.411	4.357	4.73	3.50	3B F	1/16	3/4	1 5/16	1/8	1/2	2	2.90
P48-8M-30-SDS	93.00	SDS	48	4.812	4.758	5.04	3.80	3B F	1/16	3/4	1 5/16	1/8	1/2	2	3.55
P56-8M-30-SDS	104.00	SDS	56	5.614	5.560	5.91	4.60	3W F	1/16	3/4	1 5/16	1/8	1/2	2	4.65
P64-8M-30-SK	126.00	SK	64	6.416	6.362	6.61	5.40	2B F	9/16	1/4	1 7/8	3/16	1/2	2 5/8	8.45
P72-8M-30-SK	138.00	SK	72	7.218	7.164	7.56	6.20	2W F	9/16	1/4	1 7/8	3/16	1/2	2 5/8	8.75
P80-8M-30-SK	142.00	SK	80	8.020	7.966	8.35	6.90	2W F	9/16	1/4	1 7/8	3/16	1/2	2 5/8	10.80
P90-8M-30-SK	146.00	SK	90	9.023	8.969	...	7.90	2W	9/16	1/4	1 7/8	3/16	1/2	2 5/8	13.00
P112-8M-30-SK	186.00	SK	112	11.229	11.175	...	10.00	2A	9/16	1/4	1 7/8	3/16	1/2	2 5/8	14.25

* These parts are made of steel.
All dimensions are to the closest fraction.

Suffix on type indicates construction: A = arms; B = block; W = web; F = flanges
Weight for all items is approximate.

8 mm Pitch



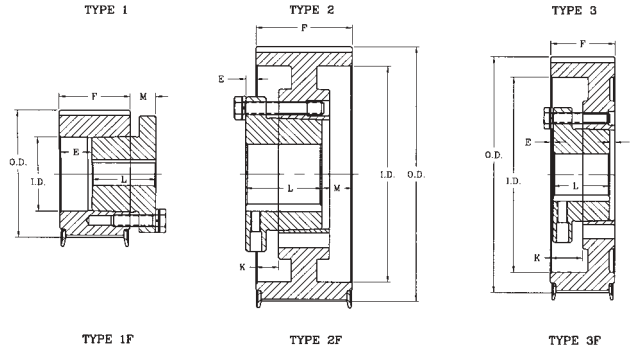
The synchronous sprockets detailed in the tables below are all stock sizes. All dimensions include the sprocket with the QD bushing in place and are in inches.

Part No	List Price (\$)	Bushing	Number of Teeth	Diameters			Type	Dimensions (inches)				Bore Range		Wt	
				Pitch Diam.	O.D.			I.D.	E	K	L	M	Min.		Max.
For Belts 2" (50mm) wide - 8mm pitch (8M-50) - Face width (F) = 2 3/8"															
P28-8M-50-JA	80.00	JA	28	2.807	2.759	3.11	2.09	3B F	1/2	1	1	7/8	1/2	1 1/4	1.60
P30-8M-50-JA	82.00	JA	30	3.008	2.958	3.25	2.18	3B F	1/2	1	1	7/8	1/2	1 1/4	1.95
P32-8M-50-L	83.00	L	32	3.208	3.156	3.43	2.56	3B F	11/32	7/8	1 11/32	11/16	1/2	1 1/2	2.05
P34-8M-50-SH	84.00	SH	34	3.409	3.355	3.58	2.75	2B F	1/8	1/2	1 1/4	1 1/4	1/2	1 11/16	2.00
P36-8M-50-SH	85.00	SH	36	3.609	3.555	4.02	2.82	2B F	1/8	1/2	1 1/4	1 1/4	1/2	1 11/16	2.65
P38-8M-50-SH	86.00	SH	38	3.810	3.756	4.17	3.00	2B F	1/8	1/2	1 1/4	1 1/4	1/2	1 11/16	2.85
P40-8M-50-SH	88.00	SH	40	4.010	3.956	4.41	3.00	2B F	1/8	1/2	1 1/4	1 1/4	1/2	1 11/16	3.60
P44-8M-50-SD	94.00	SD	44	4.411	4.357	4.73	3.50	2B F	1/8	9/16	1 13/16	11/16	1/2	2	4.55
P48-8M-50-SD	98.00	SD	48	4.812	4.758	5.04	3.80	2B F	1/8	9/16	1 13/16	11/16	1/2	2	5.80
P56-8M-50-SK	115.00	SK	56	5.614	5.56	5.91	4.60	2B F	1/4	9/16	1 7/8	3/4	1/2	2 5/8	7.30
P64-8M-50-SK	130.00	SK	64	6.416	6.362	6.61	5.40	2W F	1/4	9/16	1 7/8	3/4	1/2	2 5/8	8.60
P72-8M-50-SK	144.00	SK	72	7.218	7.164	7.56	6.20	2W F	1/4	9/16	1 7/8	3/4	1/2	2 5/8	10.70
P80-8M-50-SF	155.00	SF	80	8.020	7.966	8.35	6.90	2W F	1/4	9/16	2	5/8	1/2	2 15/16	14.15
P90-8M-50-SF	186.00	SF	90	9.023	8.969	...	7.90	2W	1/4	9/16	2	5/8	1/2	2 15/16	16.70
P112-8M-50-SF	234.00	SF	112	11.229	11.175	...	10.00	2A	1/4	9/16	2	5/8	1/2	2 15/16	21.65
P144-8M-50-E	373.00	E	144	14.437	14.383	...	13.20	2A	11/16	3/8	2 5/8	7/16	7/8	3 1/2	31.75
P192-8M-50-E	432.00	E	192	19.249	19.195	...	18.00	2A	11/16	3/8	2 5/8	7/16	7/8	3 1/2	50.80
For Belts 3 5/16" (85mm) wide - 8mm pitch (8M-85) - Face width (F) = 3 3/4"															
P34-8M-85-SH	95.00	SH	34	3.409	3.355	3.58	2.75	3B F	7/8	1 1/2	1 1/4	1 5/8	1/2	1 11/16	2.85
P36-8M-85-SH	100.00	SH	36	3.609	3.555	4.02	2.82	3B F	7/8	1 1/2	1 1/4	1 5/8	1/2	1 11/16	3.75
P38-8M-85-SH	102.00	SH	38	3.810	3.756	4.17	3.00	3B F	7/8	1 1/2	1 1/4	1 5/8	1/2	1 11/16	4.05
P40-8M-85-SD	106.00	SD	40	4.010	3.956	4.41	3.29	3B F	9/16	1 1/4	1 13/16	1 3/8	1/2	2	4.50
P44-8M-85-SD	110.00	SD	44	4.411	4.357	4.73	3.50	3B F	9/16	1 1/4	1 13/16	1 3/8	1/2	2	6.15
P48-8M-85-SD	120.00	SD	48	4.812	4.758	5.04	3.80	3B F	9/16	1 1/4	1 13/16	1 3/8	1/2	2	7.60
P56-8M-85-SK	140.00	SK	56	5.614	5.560	5.91	4.60	3B F	7/16	1 1/4	1 7/8	1 7/16	1/2	2 5/8	9.65
P64-8M-85-SF	163.00	SF	64	6.416	6.362	6.61	5.40	3B F	7/16	1 1/4	2	1 7/16	1/2	2 5/8	12.20
P72-8M-85-E	177.00	E	72	7.218	7.164	7.56	6.20	3B F	0	1 1/16	2 5/8	1 1/8	7/8	3 1/2	16.10
P80-8M-85-E	194.00	E	80	8.020	7.966	8.35	6.90	3B F	0	1 1/16	2 5/8	1 1/8	7/8	3 1/2	21.25
P90-8M-85-E	245.00	E	90	9.023	8.969	...	7.90	3W	0	1 1/16	2 5/8	1 1/8	7/8	3 1/2	22.90
P112-8M-85-F	308.00	F	112	11.229	11.175	...	10.00	2W	19/32	5/8	3 5/8	23/32	1	4	40.55
P144-8M-85-F	430.00	F	144	14.437	14.383	...	13.20	2A	19/32	5/8	3 5/8	23/32	1	4	47.30
P192-8M-85-F	485.00	F	192	19.249	19.195	...	18.00	2A	19/32	5/8	3 5/8	23/32	1	4	68.80

All dimensions are to the closest fraction.

Suffix on type indicates construction: A = arms; B = block; W = web; F = flanges
Weight for all items is approximate.

14 mm Pitch



The synchronous sprockets detailed in the tables below are all stock sizes. All dimensions include the sprocket with the QD bushing in place and are in inches.

Part No	List Price (\$)	Bushing	Number of Teeth	Diameters			Type	Dimensions (inches)				Bore Range		Wt	
				Pitch Diam.	O.D.			I.D.	E	K	L	M	Min.		Max.
					Sprocket	Flange									
For Belts 2" (40mm) wide - 14mm pitch (14M-40) - Face width (F) = 2 1/8"															
P28-14M-40-SK	85.00	SK	28	4.912	4.802	5.04	3.13	1B F	1 1/16	0	1 7/8	13/16	1/2	2 5/8	5.30
P29-14M-40-SK	90.00	SK	29	5.088	4.978	5.43	3.13	1B F	1 1/16	0	1 7/8	13/16	1/2	2 5/8	6.00
P30-14M-40-SK	93.00	SK	30	5.263	5.153	5.43	4.12	2B F	3/8	7/16	1 7/8	5/8	1/2	2 5/8	5.85
P32-14M-40-SK	102.00	SK	32	5.614	5.504	6.06	4.12	2B F	3/8	7/16	1 7/8	5/8	1/2	2 5/8	7.10
P34-14M-40-SK	105.00	SK	34	5.965	5.855	6.30	4.12	2B F	3/8	7/16	1 7/8	5/8	1/2	2 5/8	8.55
P36-14M-40-SF	115.00	SF	36	6.316	6.206	6.61	4.75	2B F	3/8	7/16	2	1/2	1/2	2 15/16	8.50
P38-14M-40-SF	130.00	SF	38	6.667	6.557	7.21	4.94	2B F	3/8	7/16	2	1/2	1/2	2 15/16	10.20
P40-14M-40-SF	130.00	SF	40	7.018	6.908	7.40	5.06	2B F	3/8	7/16	2	1/2	1/2	2 15/16	11.75
P44-14M-40-E	155.00	E	44	7.720	7.610	8.31	6.12	2B F	13/16	1/4	2 5/8	5/16	7/8	3 1/2	14.80
P48-14M-40-E	165.00	E	48	8.421	8.311	8.90	6.50	2B F	13/16	1/4	2 5/8	5/16	7/8	3 1/2	18.65
P52-14M-40-E	172.00	E	52	9.123	9.013	9.37	7.18	2B F	13/16	1/4	2 5/8	5/16	7/8	3 1/2	22.70
P56-14M-40-E	175.00	E	56	9.825	9.715	10.08	7.88	2B F	13/16	1/4	2 5/8	5/16	7/8	3 1/2	27.25
P60-14M-40-E	227.00	E	60	10.527	10.417	10.79	8.50	2B F	13/16	1/4	2 5/8	5/16	7/8	3 1/2	32.10
P64-14M-40-E	260.00	E	64	11.229	11.119	11.65	9.25	2W F	13/16	1/4	2 5/8	5/16	7/8	3 1/2	29.20
P68-14M-40-E	265.00	E	68	11.930	11.820	12.21	10.00	2W F	13/16	1/4	2 5/8	5/16	7/8	3 1/2	31.55
P72-14M-40-E	272.00	E	72	12.632	12.522	12.91	10.69	2W F	13/16	1/4	2 5/8	5/16	7/8	3 1/2	35.25
P80-14M-40-E	280.00	E	80	14.036	13.926	14.29	12.13	2W F	13/16	1/4	2 5/8	5/16	7/8	3 1/2	14.40
P90-14M-40-E	288.00	E	90	15.790	15.680	...	14.00	2A	13/16	1/4	2 5/8	5/16	7/8	3 1/2	40.70
P112-14M-40-E	365.00	E	112	19.650	19.540	...	17.80	2A	13/16	1/4	2 5/8	5/16	7/8	3 1/2	56.40
P144-14M-40-E	480.00	E	144	25.264	25.154	...	23.38	2A	13/16	1/4	2 5/8	5/16	7/8	3 1/2	78.60
For Belts 2 3/16" (55mm) wide - 14mm pitch (14M-55) - Face width (F) = 2 3/4"															
P28-14M-55-SK	100.00	SK	28	4.912	4.802	5.04	3.13	1B F	1 11/16	0	1 7/8	13/16	1/2	2 5/8	6.85
P29-14M-55-SK	105.00	SK	29	5.088	4.978	5.43	3.13	1B F	1 11/16	0	1 7/8	13/16	1/2	2 5/8	7.55
P30-14M-55-SK	108.00	SK	30	5.263	5.153	5.43	4.12	2B F	1/16	3/4	1 7/8	15/16	1/2	2 5/8	6.15
P32-14M-55-SK	114.00	SK	32	5.614	5.504	6.06	4.12	2B F	1/16	3/4	1 7/8	15/16	1/2	2 5/8	8.65
P34-14M-55-SK	120.00	SK	34	5.965	5.855	6.30	4.12	2B F	1/16	3/4	1 7/8	15/16	1/2	2 5/8	10.50
P36-14M-55-SF	125.00	SF	36	6.316	6.206	6.61	4.75	2B F	1/16	3/4	2	13/16	1/2	2 15/16	10.10
P38-14M-55-SF	140.00	SF	38	6.667	6.557	7.21	4.94	2B F	1/16	3/4	2	13/16	1/2	2 15/16	12.05
P40-14M-55-SF	143.00	SF	40	7.018	6.908	7.40	5.06	2B F	1/16	3/4	2	13/16	1/2	2 15/16	14.30
P44-14M-55-E	165.00	E	44	7.720	7.610	8.31	6.12	2B F	1/2	9/16	2 5/8	5/8	7/8	3 1/2	16.65
P48-14M-55-E	170.00	E	48	8.421	8.311	8.90	6.50	2B F	1/2	9/16	2 5/8	5/8	7/8	3 1/2	21.65
P52-14M-55-E	178.00	E	52	9.123	9.013	9.37	7.18	2B F	1/2	9/16	2 5/8	5/8	7/8	3 1/2	25.80
P56-14M-55-E	180.00	E	56	9.825	9.715	10.08	7.88	2B F	1/2	9/16	2 5/8	5/8	7/8	3 1/2	31.00
P60-14M-55-E	240.00	E	60	10.527	10.417	10.79	8.50	2B F	1/2	9/16	2 5/8	5/8	7/8	3 1/2	36.05
P64-14M-55-F	275.00	F	64	11.229	11.119	11.65	9.25	2W F	1 1/32	1/8	3 5/8	7/32	1	4	10.25
P68-14M-55-F	285.00	F	68	11.930	11.820	12.21	10.00	2W F	1 1/32	1/8	3 5/8	7/32	1	4	44.00
P72-14M-55-F	290.00	F	72	12.632	12.522	12.91	10.69	2W F	1 1/32	1/8	3 5/8	7/32	1	4	46.70
P80-14M-55-F	338.00	F	80	14.036	13.926	14.29	12.13	2W F	1 1/32	1/8	3 5/8	7/32	1	4	54.50
P90-14M-55-F	345.00	F	90	15.790	15.680	...	14.00	2A	1 1/32	1/8	3 5/8	7/32	1	4	53.30
P112-14M-55-F	405.00	F	112	19.650	19.540	...	17.80	2A	1 1/32	1/8	3 5/8	7/32	1	4	70.70
P144-14M-55-F	520.00	F	144	25.264	25.154	...	23.38	2A	1 1/32	1/8	3 5/8	7/32	1	4	95.90
P168-14M-55-F	670.00	F	168	29.475	29.365	...	28.25	2A	1 1/32	1/8	3 5/8	7/32	1	4	107.30
P192-14M-55-F	840.00	F	192	33.686	33.576	...	32.38	2A	1 1/32	1/8	3 5/8	7/32	1	4	136.20
P216-14M-55-F	1356.00	F	216	37.896	37.786	...	36.62	2A	1 1/32	1/8	3 5/8	7/32	1	4	166.20

All dimensions are to the closest fraction.

Suffix on type indicates construction: A = arms; B = block; W = web; F = flanges
Weight for all items is approximate.

14 mm Pitch

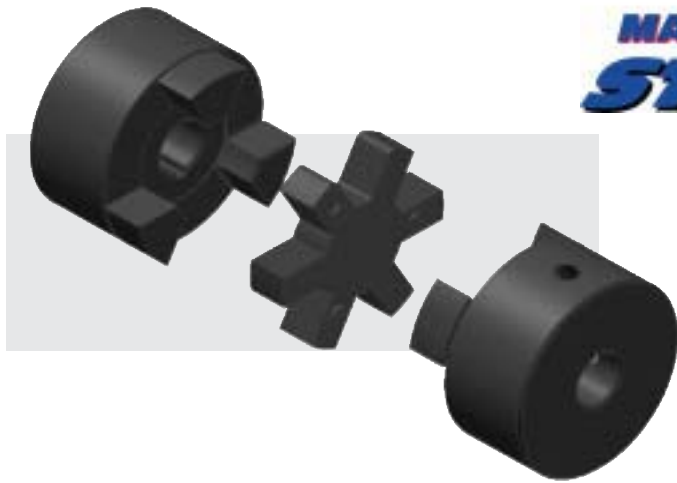
Part N°	List Price (\$)	Bushing	Number of Teeth	Diameters				Type	Dimensions (inches)				Bore Range		Wt
				Pitch Diam.	O.D.		I.D.		E	K	L	M	Min.	Max.	
					Sprocket	Flange									
For Belts 3 5/16" (85mm) wide - 14mm pitch (14M-85) - Face width (F) = 4"															
*P28-14M-85-SK	130.00	SK	28	4.912	4.802	5.04	3.96	3B F	3/16	1	1 7/8	1 15/16	1/2	2 5/8	6.60
*P29-14M-85-SK	131.00	SK	29	5.088	4.978	5.43	3.96	3B F	3/16	1	1 7/8	1 15/16	1/2	2 5/8	7.80
P30-14M-85-SK	132.00	SK	30	5.263	5.153	5.43	4.12	3B F	9/16	1 3/8	1 7/8	1 9/16	1/2	2 5/8	7.95
P32-14M-85-SK	138.00	SK	32	5.614	5.504	6.06	4.12	3B F	9/16	1 3/8	1 7/8	1 9/16	1/2	2 5/8	10.75
P34-14M-85-SK	150.00	SK	34	5.965	5.855	6.30	4.12	3B F	9/16	1 3/8	1 7/8	1 9/16	1/2	2 5/8	14.00
P36-14M-85-SF	154.00	SF	36	6.316	6.206	6.61	4.75	3B F	9/16	1 3/8	2	1 7/16	1/2	2 15/16	13.20
P38-14M-85-SF	160.00	SF	38	6.667	6.557	7.21	4.94	3B F	9/16	1 3/8	2	1 7/16	1/2	2 15/16	15.60
P40-14M-85-SF	168.00	SF	40	7.018	6.908	7.40	5.06	3B F	9/16	1 3/8	2	1 7/16	1/2	2 15/16	19.00
P44-14M-85-E	180.00	E	44	7.720	7.610	8.31	6.12	3B F	1/8	1 3/16	2 5/8	1 1/4	7/8	3 1/2	21.10
P48-14M-85-E	188.00	E	48	8.421	8.311	8.90	6.50	3B F	1/8	1 3/16	2 5/8	1 1/4	7/8	3 1/2	27.35
P52-14M-85-E	220.00	E	52	9.123	9.013	9.37	7.18	3B F	1/8	1 3/16	2 5/8	1 1/4	7/8	3 1/2	32.80
P56-14M-85-F	245.00	F	56	9.825	9.715	10.08	7.88	2B F	15/32	3/4	3 5/8	27/32	1	4	43.30
P60-14M-85-F	290.00	F	60	10.527	10.417	10.79	8.50	2B F	15/32	3/4	3 5/8	27/32	1	4	50.70
P64-14M-85-F	300.00	F	64	11.229	11.119	11.65	9.25	2B F	15/32	3/4	3 5/8	27/32	1	4	59.90
P68-14M-85-F	315.00	F	68	11.930	11.820	12.21	10.00	2W F	15/32	3/4	3 5/8	27/32	1	4	51.20
P72-14M-85-F	320.00	F	72	12.632	12.522	12.91	10.69	2W F	15/32	3/4	3 5/8	27/32	1	4	55.70
P80-14M-85-F	380.00	F	80	14.036	13.926	14.29	12.13	2W F	15/32	3/4	3 5/8	27/32	1	4	64.40
P90-14M-85-F	390.00	F	90	15.790	15.680	...	14.00	2A	15/32	3/4	3 5/8	27/32	1	4	69.50
P112-14M-85-F	460.00	F	112	19.650	19.540	...	17.80	2A	15/32	3/4	3 5/8	27/32	1	4	93.70
P144-14M-85-F	590.00	F	144	25.264	25.154	...	23.38	2A	15/32	3/4	3 5/8	27/32	1	4	130.50
P168-14M-85-J	780.00	J	168	29.475	29.365	...	28.12	2A	1	13/32	4 1/2	1/2	1 7/16	4 1/2	153.20
P192-14M-85-J	940.00	J	192	33.686	33.576	...	32.38	2A	1	13/32	4 1/2	1/2	1 7/16	4 1/2	190.20
P216-14M-85-J	1470.00	J	216	37.896	37.786	...	36.38	2A	1	13/32	4 1/2	1/2	1 7/16	4 1/2	242.80
For Belts 4 1/2" (115mm) wide - 14mm pitch (14M-115) - Face width (F) = 5 1/4"															
*P28-14M-115-SK	160.00	SK	28	4.912	4.802	5.04	3.96	3B F	3/16	1	1 7/8	3 3/16	1/2	2 5/8	12.00
*P29-14M-115-SK	165.00	SK	29	5.088	4.978	5.43	3.96	3B F	3/16	1	1 7/8	3 3/16	1/2	2 5/8	13.60
P30-14M-115-SK	169.00	SK	30	5.263	5.153	5.43	4.12	3B F	1 3/16	2	1 7/8	2 3/16	1/2	2 5/8	9.35
P32-14M-115-SK	172.00	SK	32	5.614	5.504	6.06	4.12	3B F	1 3/16	2	1 7/8	2 3/16	1/2	2 5/8	13.25
P34-14M-115-SK	183.00	SK	34	5.965	5.855	6.30	4.12	3B F	1 3/16	2	1 7/8	2 3/16	1/2	2 5/8	17.30
P36-14M-115-SF	190.00	SF	36	6.316	6.206	6.61	4.75	3B F	1 3/16	2	2	2 1/16	1/2	2 15/16	16.55
P38-14M-115-SF	200.00	SF	38	6.667	6.557	7.21	4.94	3B F	1 3/16	2	2	2 1/16	1/2	2 15/16	19.70
P40-14M-115-SF	208.00	SF	40	7.018	6.908	7.40	5.06	3B F	1 3/16	2	2	2 1/16	1/2	2 15/16	23.55
P44-14M-115-E	220.00	E	44	7.720	7.610	8.31	6.12	3B F	3/4	1 13/16	2 5/8	1 7/8	7/8	3 1/2	24.95
P48-14M-115-E	236.00	E	48	8.421	8.311	8.90	6.50	3B F	3/4	1 13/16	2 5/8	1 7/8	7/8	3 1/2	33.25
P52-14M-115-F	275.00	F	52	9.123	9.013	9.37	7.18	3B F	5/32	1 3/8	3 5/8	1 15/32	1	4	42.10
P56-14M-115-F	285.00	F	56	9.825	9.715	10.08	7.88	3B F	5/32	1 3/8	3 5/8	1 15/32	1	4	49.70
P60-14M-115-F	340.00	F	60	10.527	10.417	10.79	8.50	3B F	5/32	1 3/8	3 5/8	1 15/32	1	4	58.50
P64-14M-115-J	365.00	J	64	11.229	11.119	11.65	9.25	2B F	13/32	1	4 1/2	1 5/32	1 7/16	4 1/2	71.20
P68-14M-115-J	382.00	J	68	11.930	11.820	12.21	10.00	2B F	13/32	1	4 1/2	1 5/32	1 7/16	4 1/2	82.10
P72-14M-115-J	390.00	J	72	12.632	12.522	12.91	10.69	2B F	13/32	1	4 1/2	1 5/32	1 7/16	4 1/2	94.00
P80-14M-115-J	450.00	J	80	14.036	13.926	14.29	12.13	2W F	13/32	1	4 1/2	1 5/32	1 7/16	4 1/2	79.80
P90-14M-115-J	500.00	J	90	15.790	15.680	...	14.00	2W	13/32	1	4 1/2	1 5/32	1 7/16	4 1/2	93.60
P112-14M-115-J	620.00	J	112	19.650	19.540	...	17.80	2A	13/32	1	4 1/2	1 5/32	1 7/16	4 1/2	117.20
P144-14M-115-J	780.00	J	144	25.264	25.154	...	23.38	2A	13/32	1	4 1/2	1 5/32	1 7/16	4 1/2	161.70
P168-14M-115-M	970.00	M	168	29.475	29.365	...	28.09	2A	1 19/32	1/16	6 3/4	3/32	2	5 1/2	203.40
P192-14M-115-M	1120.00	M	192	33.686	33.576	...	32.25	2A	1 19/32	1/16	6 3/4	3/32	2	5 1/2	251.10
P216-14M-115-M	1690.00	M	216	37.896	37.786	...	36.38	2A	1 19/32	1/16	6 3/4	3/32	2	5 1/2	306.70
For Belts 6 11/16" (170mm) wide - 14mm pitch (14M-170) - Face width (F) = 7 3/8"															
P36-14M-170-SF	270.00	SF	36	6.316	6.206	6.61	4.75	3B F	2 1/4	3 1/16	2	3 1/8	1/2	2 15/16	21.70
P38-14M-170-SF	280.00	SF	38	6.667	6.557	7.21	4.94	3B F	2 1/4	3 1/16	2	3 1/8	1/2	2 15/16	25.90
P40-14M-170-SF	290.00	SF	40	7.018	6.908	7.40	5.06	3B F	2 1/4	3 1/16	2	3 1/8	1/2	2 15/16	31.20
P44-14M-170-E	300.00	E	44	7.720	7.610	8.31	6.12	3B F	1 13/16	2 7/8	2 5/8	2 15/16	7/8	3 1/2	31.65
P48-14M-170-E	302.00	E	48	8.421	8.311	8.91	6.50	3B F	1 13/16	2 7/8	2 5/8	2 15/16	7/8	3 1/2	42.30
P52-14M-170-F	320.00	F	52	9.123	9.013	9.37	7.18	3B F	1 7/32	2 7/16	3 5/8	2 17/32	1	4	52.40
P56-14M-170-F	330.00	F	56	9.825	9.715	10.08	7.88	3B F	1 7/32	2 7/16	3 5/8	2 17/32	1	4	61.40
P60-14M-170-J	430.00	J	60	10.527	10.417	10.79	8.50	3B F	23/32	2 1/8	4 1/2	2 5/32	1 7/16	4 1/2	74.30
P64-14M-170-J	460.00	J	64	11.229	11.119	11.65	9.25	3B F	23/32	2 1/8	4 1/2	2 5/32	1 7/16	4 1/2	85.10
P68-14M-170-J	490.00	J	68	11.930	11.820	12.21	10.00	3B F	23/32	2 1/8	4 1/2	2 5/32	1 7/16	4 1/2	96.50
P72-14M-170-J	520.00	J	72	12.632	12.522	12.91	10.69	3B F	23/32	2 1/8	4 1/2	2 5/32	1 7/16	4 1/2	109.40
P80-14M-170-J	530.00	J	80	14.036	13.926	14.29	12.13	3W F	23/32	2 1/8	4 1/2	2 5/32	1 7/16	4 1/2	102.00
P90-14M-170-J	610.00	J	90	15.790	15.680	...	14.00	3W	23/32	2 1/8	4 1/2	2 5/32	1 7/16	4 1/2	114.70
P112-14M-170-M	850.00	M	112	19.650	19.540	...	17.80	2A	7/32	1 7/16	6 3/4	27/32	2	5 1/2	170.60
P144-14M-170-M	1050.00	M	144	25.264	25.154	...	23.38	2A	7/32	1 7/16	6 3/4	27/32	2	5 1/2	230.80
P168-14M-170-M	1360.00	M	168	29.475	29.365	...	28.09	2A	7/32	1 7/16	6 3/4	27/32	2	5 1/2	232.80
P192-14M-170-M	1460.00	M	192	33.686	33.576	...	32.25	2A	7/32	1 7/16	6 3/4	27/32	2	5 1/2	285.00
P216-14M-170-M	2080.00	M	216	37.896	37.786	...	36.38	2A	7/32	1 7/16	6 3/4	27/32	2	5 1/2	348.10

* These parts are made of steel.

All dimensions are to the closest fraction.

Suffix on type indicates construction: A = arms; B = block; W = web; F = flanges

Weight for all items is approximate.



Completely Interchangeable

The most commonly used coupling for a wide variety of applications.

Product Features:

- Economical
- Misalignment capability
- No metal-to-metal contact
- 4 types of insert materials
- Interchangeable by part number & size
- Easy Installation
- High torque capability

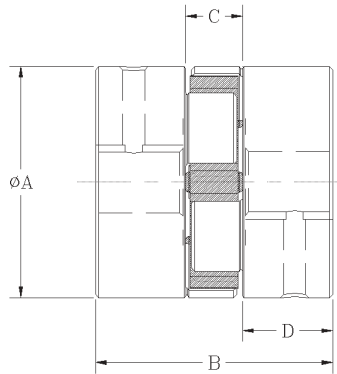
Jaw type couplings are designed for light to medium duty applications and are available stock in shaft sizes 1/8" to 2-5/8".

Each coupling contains three components, namely 2 hubs and one insert.

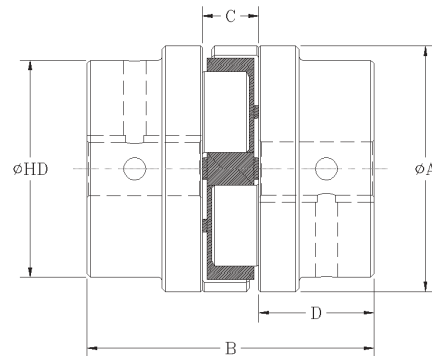
The insert is available in 4 materials, each suited to different applications, temperatures and environments.

Insert materials are selected to offer maximum resistance to dirt, grease, oil, moisture and other ambient conditions.

See page 61 for "Insert Element Essentials".



TYPE 1



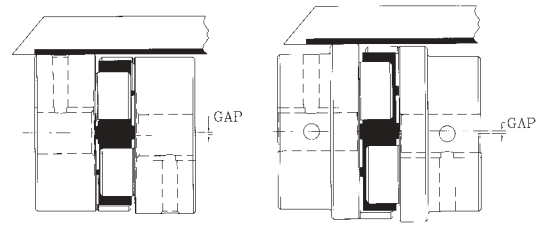
TYPE 2

Coupling and Insert Elements

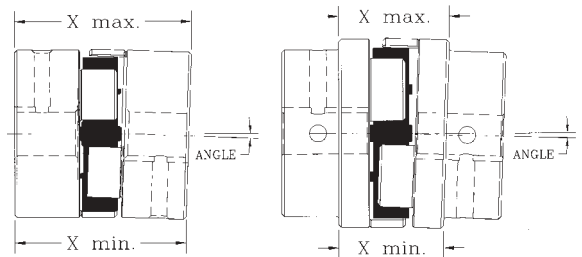
Coupling Part No.	List Price (\$) (per flange)	Insert Elements									
		NBR (Rubber)		Urethane		Hytrell		Wt. lbs.	Bronze		
		Part No.	List Price	Part No.	List Price	Part No.	List Price		Part No.	List Price	Wt. lbs.
L035* (4)	13.00	L035N* (4)	8.40	-	-	-	-	.01	-	-	-
L050* (4)	13.00	L050N* (4)	8.40	L050U* (4)	34.00	L050H* (4)	28.40	.01	L050B* (4)	47.60	.06
L070	5.05	L070N	3.00	L070U	5.90	L070H	10.00	.02	L070B	14.50	.07
L075	5.80	L075N	5.10	L075U	7.30	L075H	15.00	.03	L075B	23.20	.10
L090	8.90	L090-095N	6.60	L090-095U	10.50	L090-095H	20.00	.04	L090-095B	25.60	.17
L095	13.70	L090-095N	6.60	L090-095U	10.50	L090-095H	20.00	.04	L090-095B	25.60	.17
L099	17.30	L099-100N	13.90	L099-100U	27.60	L099-100H	47.60	.07	L099-100B	37.80	.33
L100	25.60	L099-100N	13.90	L099-100U	27.60	L099-100H	47.60	.07	L099-100B	37.80	.33
L110	35.00	L110N	16.00	L110U	52.40	L110H	57.60	.14	L110B	45.40	.63
L150	44.80	L150N	23.00	L150U	63.40	L150H	69.20	.21	L150B	146.00	1.01
L190	70.00	L190N	28.00	L190U	68.40	L190H	81.60	.27	L190B	222.00	1.35
L225	85.00	L225N	33.50	L225U	86.60	L225H	95.80	.41	L225B	284.00	2.05

*Important: NOT SOLD INDIVIDUALLY. These parts are packaged 4 to a box.

Spider Inserts



PARALLEL MISALIGNMENT
FIGURE 1



ANGULAR MISALIGNMENT
FIGURE 2

Coupling Dimensions

Part No.	Type	Outside Diameter A	Hub Diameter HD	Overall Length B	Distances between Flanges C	Length thru Bore D	Set Screw			Bore		Wt. Lbs (Avg.)	Approx WR ² lbs-in ²
							Qty.	Size & Length	Tightening Torque in.-lbs	Min.	Max.		
L035*	1	5/8	--	13/16	9/32	17/64	1	#6-32 x 1/8"	7	1/8 (4mm)	3/8 (8mm)	0.10	0.003
L050*	1	1 1/16	--	1 23/32	15/32	5/8	2	1/4-20 x 3/16"	45	3/16 (5mm)	5/8 (16mm)	0.25	0.054
L070	1	1 3/8	--	2	1/2	3/4	2	1/4-20 x 1/4"	78	3/16 (7mm)	3/4 (19mm)	0.50	0.115
L075	1	1 3/4	--	2 1/8	1/2	13/16	2	1/4-20 x 3/8"	78	3/16 (9mm)	7/8 (22mm)	0.90	0.388
L090	1	2 1/8	--	2 9/64	33/64	13/16	2	1/4-20 x 3/8"	78	3/16 (9mm)	1 (25mm)	1.35	0.772
L095	1	2 1/8	--	2 33/64	33/64	1	2	5/16-18 x 1/4"	80	7/16 (11mm)	1 1/8 (28mm)	1.55	0.890
L099	1	2 17/32	--	2 27/32	23/32	1 1/16	2	5/16-18 x 3/8"	150	7/16 (14mm)	1 3/16 (30mm)	2.25	2.048
L100	1	2 17/32	--	3 15/32	23/32	1 3/8	2	5/16-18 x 3/8"	150	7/16 (12mm)	1 3/8 (35mm)	2.80	2.783
L110	1	3 5/16	--	4 1/4	7/8	1 11/16	2	3/8-16 x 5/16"	225	5/8 (16mm)	1 5/8 (42mm)	5.95	8.993
L150	1	3 3/4	--	4 1/2	1	1 3/4	2	3/8-16 x 1/2"	260	5/8 (16mm)	1 7/8 (48mm)	7.90	11.477
L190	2	4 1/2	4	5	1	2	2	1/2-13 x 1/2"	540	3/4 (19mm)	2 1/8 (55mm)	13.80	39.256
L225	2	5	4 1/4	5 3/8	1	2 3/16	2	1/2-13 x 1/2"	540	3/4 (30mm)	2 5/8 (65mm)	17.30	65.000

*Important: NOT SOLD INDIVIDUALLY. These parts are packaged 4 to a box.

Insert Materials

Accommodates Coupling	Max. ¹ RPM	Allowable Misalignment, inches (at 3,600 RPM or lower)					
		NBR or Urethane		Hytrell		Bronze	
		Parallel	Angular ²	Parallel	Angular ²	Parallel	Angular ²
L035	31000	0.015	0.010	-	-	-	-
L050	18000	0.015	0.018	0.015	0.012	0.010	0.012
L070	14000	0.015	0.022	0.015	0.012	0.010	0.012
L075	11000	0.015	0.030	0.015	0.015	0.010	0.015
L090	9000	0.015	0.035	0.015	0.018	0.010	0.018
L095	9000	0.015	0.035	0.015	0.018	0.010	0.018
L099	7000	0.015	0.040	0.015	0.022	0.010	0.022
L100	7000	0.015	0.040	0.015	0.022	0.010	0.022
L110	5000	0.015	0.055	0.015	0.030	0.010	0.030
L150	5000	0.015	0.065	0.015	0.033	0.010	0.033
L190	5000	0.015	0.075	0.015	0.040	0.010	0.040
L225	4200	0.015	0.085	0.015	0.044	0.010	0.044

1. Maximum RPM for bronze spiders is 250 RPM.

2. Angular misalignment is the difference between X and X max. (Refer to Figure 2 above)



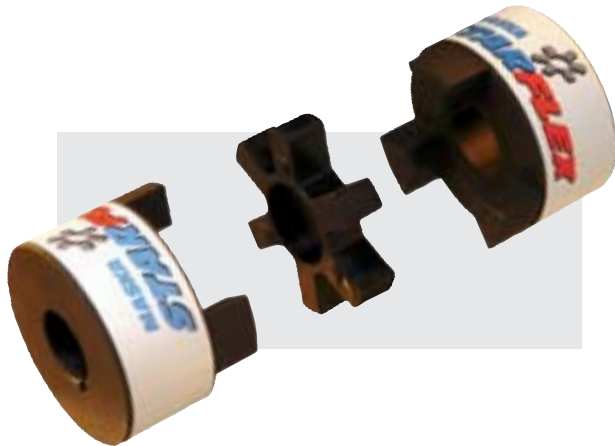
Standard Bore and Keyway Chart

Bore (in)	Keyway (in)	L035	L050	L070	L075	L090	L095	L099	L100	L110	L150	L190	L225
1/8	No KW	X											
3/16	No KW	X	X	X	X	X							
1/4	No KW	X	X	X	X	X							
1/4	1/8 x 1/16				POR								
5/16	No KW	X	X	X	X	X							
3/8	No KW	X											
3/8	3/32 x 3/64		POR	POR	POR	POR							
3/8	1/8 x 1/16		POR	POR	POR	POR	POR	POR	POR				
7/16	No KW		X	X	X	X	X	X	X				
7/16	3/32 x 3/64		POR	X	POR	POR	POR	POR	POR				
7/16	1/8 x 1/16			POR	POR	POR	POR	POR	POR				
1/2	No KW		X	X	X	X	X	X	X				
1/2	1/8 x 1/16		X	X	X	X	X	X	X				
9/16	No KW		POR	POR	POR	POR	POR	POR	POR				
9/16	1/8 x 1/16		X	X	X	X	X	X	X				
5/8	No KW			POR	POR	POR	POR	POR	POR	POR	POR		
5/8	5/32 x 5/64			POR	POR	POR	POR	POR	POR	POR	POR		
5/8	3/16 x 3/32		X	X	X	X	X	X	X	X	X		
11/16	3/16 x 3/32			X	X	X	X	X	X	X	X		
3/4	No KW			POR	POR	POR	POR	POR	POR	POR	POR	POR	POR
3/4	1/8 x 1/16			POR	POR	POR	POR	POR	POR	POR	POR	POR	POR
3/4	3/16 x 3/32			X	X	X	X	X	X	X	X	X	X
13/16	3/16 x 3/32			X	X	X	X	X	X	X	X	X	X
7/8	No KW				POR	POR	POR	POR	POR	POR	POR	POR	POR
7/8	3/16 x 3/32				X	X	X	X	X	X	X	X	X
7/8	1/4 x 1/8					POR	POR	POR	POR	POR	POR	POR	POR
15/16	1/4 x 1/8					X	X	X	X	X	X	X	X
1	1/4 x 1/8					X	X	X	X	X	X	X	X
1	3/16 x 3/32					POR	POR	POR	POR	POR	POR	POR	POR
1 1/16	1/4 x 1/8					X	X	X	X	X	X	X	X
1 1/8	1/4 x 1/8						X	X	X	X	X	X	X
1 3/16	1/4 x 1/8							X	X	X	X	X	X
1 1/4	1/4 x 1/8								X	X	X	X	X
1 1/4	5/16 x 5/32								POR	POR	POR	POR	POR
1 5/16	5/16 x 5/32								X	X	X	X	X
1 3/8	5/16 x 5/32								POR	POR	POR	POR	POR
1 3/8	3/8 x 3/16									X	X	X	X
1 7/16	3/8 x 3/16									X	X	X	X
1 1/2	5/16 x 5/32									POR	POR	POR	POR
1 1/2	3/8 x 3/16									X	X	X	X
1 9/16	3/8 x 3/16										X	X	X
1 5/8	3/8 x 3/16									X	X	X	X
1 11/16	3/8 x 3/16										X	X	X
1 3/4	3/8 x 3/16										X	X	X
1 3/4	7/16 x 7/32										POR	POR	POR
1 13/16	1/2 x 1/4										X	X	X
1 7/8	1/2 x 1/4										X	X	X
1 15/16	1/2 x 1/4											X	X
2	1/2 x 1/4											X	X
2 1/16	1/2 x 1/4											X	X
2 1/8	1/2 x 1/4											X	X
2 3/16	1/2 x 1/4											X	X
2 1/4	1/2 x 1/4											X	X
2 3/8	5/8 x 5/16											X	X
2 5/8	5/8 x 5/16											X	X

X = Stock

POR = Price on Request

Insert Element Essentials



“Selecting the proper insert material is just as important as selecting the correct type and size of jaw coupling because of the role they play in the performance and maintenance of the product.”

NBR
Hytrel
Bronze
Urethane

Element Characteristics

Properties	Temperature Range	Misalignment		Shore Hardness	Dampening Capacity	Chemical Resistance	Colour
		Angular Degree	Parallel Inch				
NBR (Rubber) Nitrile Butadiene Rubber is an elastomeric element that is oil resistant with the resilience and elasticity of natural rubber. Most economical and widely-used element.	-40° to +212° F -40° to +100° C	1°	.015	80A	HIGH	GOOD	BLACK
Urethane -- Urethane has 1.5 more torque capability than NBR, provides less dampening effect and has good resistance to oil and chemicals. Not recommended for cyclic or start-stop applications.	-30° to +160° F -34° to +71° C	1°	.015	55D L050-L110 90-95A L150-L225	LOW	VERY GOOD	ORANGE
Hytrel -- Hytrel is a pliant elastomer suited to high torque / temperature operations. Notable resistance to oil and chemicals Not recommended for cyclic or start-stop applications.	-60° to +250° F -51° to 121° C	1/2°	.015	55D	LOW	EXCELLENT	BEIGE
Bronze -- Bronze is a metal insert designed exclusively for slow speed operations that require high torque. (Maximum 250 RPM) Resistant to extreme environments (temperature, water, oil, dirt).	-40° to +450° F -40° to +232° C	1/2°	.010	--	NIL	EXCELLENT	GOLD

Jaw Couplings Advantages

Jaw design is considered “fail-safe” - if the insert element wears/breaks away, the coupling continues to operate until insert can be conveniently replaced.

Simple design means easy installation, removal and visual inspection. Also greater radial softness, lighter weight and lower cost vs. torque capacity, quiet operations and easy replacement in the field.

Insert Choice

The choice of the insert element can make a significant difference in the couplings’s performance with regards to

vibration, temperature, chemicals, misalignment, high rpm, space limitations and installation/removal.

Maintenance Tips

Through manual inspection, avoid allowing the jaw tips to come into contact; a noisy, grinding operation will result. Do not hesitate to replace the insert if signs of wear are evident.

Do not over-estimate service factors when choosing the coupling / insert. This increases costs unnecessarily and can cause damage elsewhere in the drive. Due to the variety of inserts available, careful selection will result in efficient, long-lasting operations.



Maska Starflex Selection

Selection Process:

We will present two different ways of selecting the proper coupling -- namely, the torque design and the HP design.

1a) Calculating the Torque Design of your application:

$$\text{Torque Design} = \frac{(\text{HP} \times \text{Service Factor}^* \times 63025)}{\text{RPM}}$$

1b) Determine the HP Design @ 100 RPM of your application:

$$\text{HP Design} = \frac{(\text{HP} \times \text{Service Factor}^* \times 100)}{\text{RPM}}$$

* Using the **Service Factor Table** (see pg. 68); select the Service Factor that corresponds the closest to your application.

2) Using the **Element Characteristics Chart** (see pg.61) select the insert material that corresponds the closest to your application.

3) Using the **Coupling Rated Torque and HP Ratings Chart** below, locate the appropriate insert material column. Skim this column to the first entry where the torque value or the HP @ 100 RPM value is greater or equal to the value calculated in step 1. Once this value is located, refer to the corresponding coupling size in the first column of the chart.

Refer to the maximum RPM value in the **Insert Material Chart** (see pg.59) for this insert torque capability in order to validate that the application requirements are met. If the requirement is not met at this point, another coupling type may be required for the application. Contact our technical support for assistance.

4) Verify in the **Coupling Dimension Chart** (see pg.59) that your driver and driven shaft dimensions are smaller or equal to the maximum bore size available on the coupling selected. If the coupling bore size is not large enough for the shaft diameter, select the next largest coupling that will fit the driver/driven shaft diameter.

Coupling Rated Torque & HP Ratings

Coupling	Spider Materials								
	NBR			Urethane			Hytrel & Bronze		
	Torque		HP @	Torque		HP @	Torque		HP @
	in-lbs.	Nm	100 RPM	in-lbs.	Nm	100 RPM	in-lbs.	Nm	100 RPM
L035	3.5	0.4	0.006	-	-	-	-	-	-
L050	26.3	3.0	0.042	39	4.4	0.062	50	5.6	0.079
L070	43.2	4.9	0.069	65	7.3	0.103	114	12.9	0.181
L075	90	10.2	0.143	135	15.3	0.214	227	25.6	0.360
L090	144	16.3	0.228	216	24.4	0.343	401	45.3	0.636
L095	194	21.9	0.308	291	32.9	0.462	561	63.4	0.890
L099	318	35.9	0.505	477	53.9	0.757	792	89.5	1.257
L100	417	47.1	0.662	626	70.7	0.993	1134	128.1	1.799
L110	792	89.5	1.257	1188	134.2	1.885	2268	256.3	3.599
L150	1240	140.1	1.967	1860	210.2	2.951	3708	419.0	5.883
L190	1728	195.3	2.742	2592	292.9	4.113	4680	528.8	7.426
L225	2340	264.4	3.713	3510	396.6	5.569	6228	703.7	9.882

Note: Maximum RPM for bronze spiders is 250 RPM.

Maska Starflex Selection



Selection Example:

A coupling is needed to join a 15 HP electric motor (1750 RPM) to a mixer. The shaft size of the motor is 1 5/8" and the mixer is 2". There are no particular environmental factors to take into account. Less than 0.5° of misalignment is expected.

1a) Determine the Torque Design:

Based on the proper chart, the application service factor for an electric motor driving a mixer is 1.5.

$$\text{Torque Design} = \frac{(\text{HP} \times \text{Service Factor} \times 63025)}{\text{RPM}} = \frac{(15 \times 1.5 \times 63025)}{1750} = \mathbf{810.32 \text{ in-lbs.}}$$

1b) Determine the HP Design @ 100 RPM:

$$\text{HP Design @ 100 RPM} = \frac{(\text{HP} \times \text{Service Factor} \times 100)}{\text{RPM}} = \frac{(15 \times 1.5 \times 100)}{1750} = \mathbf{1.286 \text{ HP}}$$

4) Select the insert element:

Since there are no particular environment factors or excessive operating temperatures, and less than 0.5° of angular misalignment, as per the Element Characteristics chart, the NBR insert material is sufficient for this application.

5) Select the coupling size:

Using the Coupling Rated Torque and HP ratings chart, skim down the NBR column to the first item that is greater or equal to the Design Torque: 810.32 in-lbs. or to the HP @ 100 RPM: 1.286 HP. For this application, the L150 coupling with a Nominal Torque rating of 1240 in-lbs. and a HP @ 100 RPM of 1.967 HP is the proper coupling.

Referring to the Insert Material chart, the maximum RPM of 1750 on the electric motor does not exceed the 5000 RPM maximum allowed for the L150 sized coupling with a NBR insert.

6) Verify the driver/driven shafts size:

The electric motor has a shaft size of 1 5/8" and the mixer has a shaft size of 2". Because the maximum bore of the L150 is less than the mixer shaft size, the L150 coupling is insufficient for this application. Continuing down the maximum bore column in the chart, the L190 size has a maximum bore size of 2 1/8" which is able to accommodate the driver/driven shaft sizes.

The required coupling size for this application is a StarFlex L190 with a NBR insert.



MASKAFLEX

ELASTOMERIC ELEMENT COUPLINGS SOLVE PROBLEMS OF:

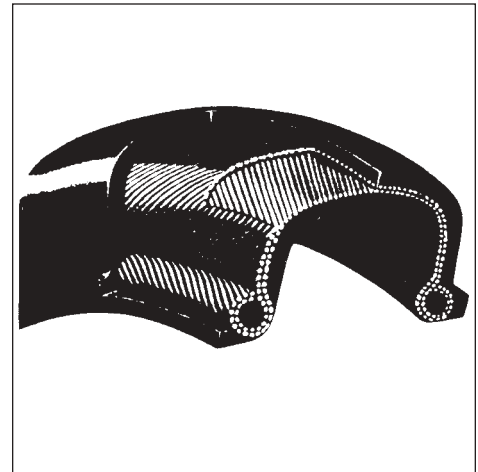
- MISALIGNMENT • END FLOAT • SHOCK LOADS

OFFERING:

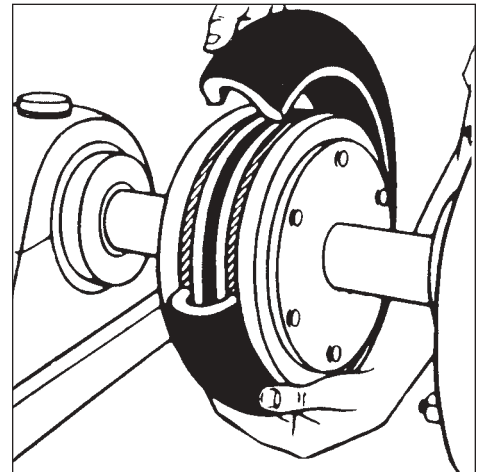
- QUICK INSTALLATION • LOW MAINTENANCE • TROUBLE FREE PERFORMANCE



Flexible elastomeric element



Easy to Assemble





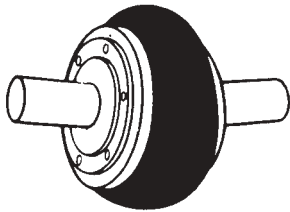
MASKAFLEX

COUPLINGS

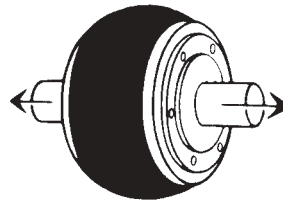
ELASTOMERIC ELEMENT

STANDARD TIRE IN NATURAL RUBBER

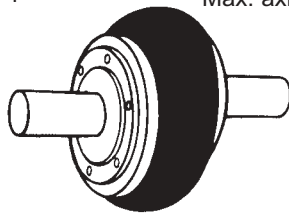
The standard unit normally supplied is designed for temperatures between - 42° C and + 82° C.



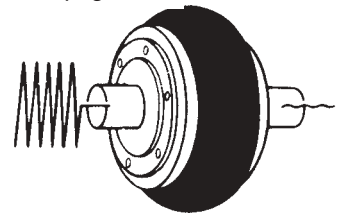
Max. angular misalignment: 4°



Max. axial misalignment: see Table 2, page 68



Max. parallel misalignment: see Table 2, page 68



Dampens vibrations

HOW TO ORDER YOUR COUPLING

PREFIX SIGNIFICATIONS

*MX - Complete coupling = 2 flanges bush-type + 1 tire

MXF - 1 flange only bush-type

P - Tire only (Element)

*Please note that when ordering a complete coupling on-line on our web site, you must order the flanges and tire separately.

MASKAFLEX

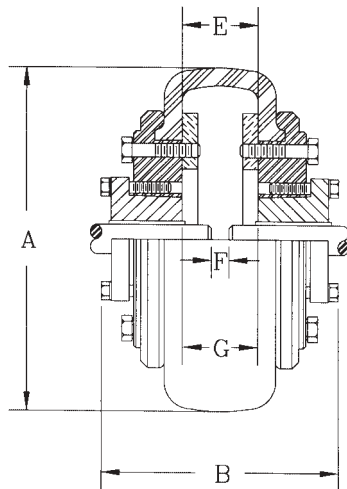
COUPLINGS

Cross References

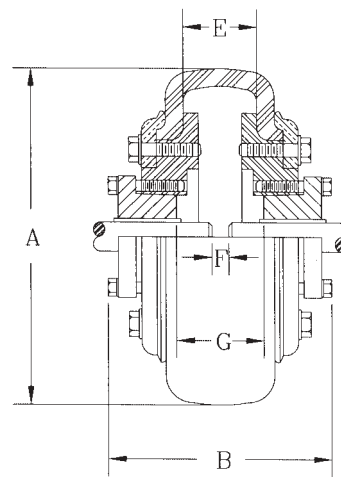
MASKA-FLEX Maska	HI-FLEX Maurey	*PARA-FLEX Dodge	MARTIN-FLEX Martin
MX50JA	50JA	PX50	F5 JA
MX60SH	60SH	PX60	F6 JA
MX70SDS	70SH	PX70	F7 SH
MX80SK	80SDS	PX80	F8 SDS
MX90SK	90SK	PX90	F9 SK
MX100SF	100SF	PX100	F10 SF
MX110SF	110SF	PX110	F11 SF
MX120E	120E	PX120	F12 E
MX140F	140E	PX140	N/A
MX160J	N/A	PX160	N/A
MX200J	N/A	PX200	N/A



* Paraflex Couplings are designed for use with taper-lock bushings.



MX 50 TO MX 120

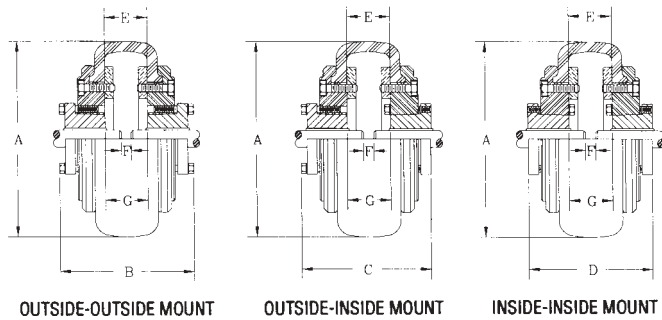


MX 140 TO MX 200

MASKAFLEX

COUPLINGS

TYPE 1

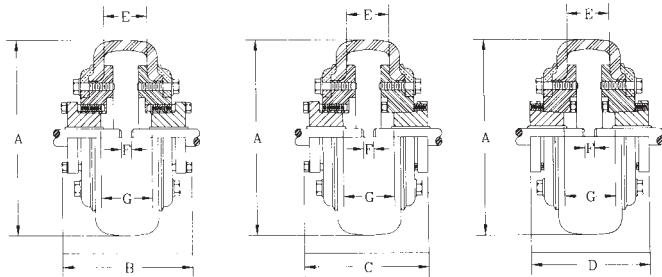


OUTSIDE-OUTSIDE MOUNT

OUTSIDE-INSIDE MOUNT

INSIDE-INSIDE MOUNT

TYPE 2



OUTSIDE-OUTSIDE MOUNT

OUTSIDE-INSIDE MOUNT

INSIDE-INSIDE MOUNT

	CAPSCREW	TORQUE
MX50JA	1/4-20UNC x 1	96 in-lbs
MX60SH	1/4-20UNC x 1-1/4	96 in-lbs
MX70SDS	5/16-18UNC x 1-1/2	205 in-lbs
MX80SK	5/16-18UNC x 1-1/2	205 in-lbs
MX90SK	3/8-16 x 1-3/4	360 in-lbs
MX100SF	3/8-16 x 1-3/4	360 in-lbs
MX110SF	3/8-16 x 2	360 in-lbs
MX120E	1/2-13UNC x 2-1/4	900 in-lbs
MX140F	1/2-13UNC x 2-1/2	900 in-lbs
MX160J	5/8-11UNC x 3 Grade 8	1800 in-lbs
MX200J	5/8-11UNC x 4 Grade 8	1800 in-lbs

Complete Coupling Part No	List price w/o Bushing			Stock bores		Type	Dimensions (inches)							Weight lbs		
	Complete Coupling	Tire only	Flange only	Min.	Max.		A	B	C	D	E	F	G	Complete	Flange	Tire
MX50JA**	114.00	40.00	37.00	1/2	1 1/4	1	5 1/4	3 15/16	3 3/4	3 9/16	.96	*	1 9/16	4.7	2.1	.5
MX60SH	151.00	47.00	52.00	1/2	1 11/16	1	6 1/2	4 9/16	4 11/32	4 1/8	1.28	*	1 5/8	8.0	3.5	1.0
MX70SDS	201.00	65.00	68.00	1/2	2	1	7 3/8	4 17/32	4 5/16	4 1/8	1.50	*	1 1/2	10.7	4.7	1.3
MX80SK	265.00	87.00	89.00	1/2	2 5/8	1	8 3/8	5 13/16	5 17/32	5 1/4	1.50	*	1 1/2	15.5	6.9	1.7
MX90SK	335.00	93.00	121.00	1/2	2 5/8	1	9 1/4	5 13/16	5 1/2	5 1/4	1.53	*	1 1/2	22.0	10.0	2.0
MX100SF	411.00	101.00	155.00	1/2	2 15/16	1	10	6 3/16	5 13/16	5 1/2	1.71	*	1 1/2	32.0	15.0	2.0
MX110SF	457.00	115.00	171.00	1/2	2 15/16	1	11	5 7/8	5 1/2	5 3/16	1.56	*	1 3/16	46.0	21.5	3.0
MX120E	529.00	129.00	200.00	7/8	3 1/2	1	12 3/8	7 1/4	6 7/8	6 1/2	1.75	*	1 1/4	59.8	28.0	3.8
MX140F	918.00	210.00	354.00	1	4	2	14 1/8	9 1/2	9 1/16	8 5/8	2.06	*	1 3/8	132.5	64.0	4.5
MX160J	1352.00	252.00	550.00	1 7/16	4 1/2	2	16 5/8	11 1/2	10 7/8	10 3/8	2.69	*	1 3/8	208.7	100.0	8.7
MX200J	2043.00	463.00	790.00	1 7/16	4 1/2	2	20	11 3/4	11 5/16	10 13/16	3.31	*	1 13/16	366.0	174.0	18.0

Note: * Shaft ends although normally "G" distance apart can project beyond the bushings and be closer together. If this occurs, allow space between shaft ends for endfloat and misalignment.

** The MX50JA coupling could only be outside-outside mount.

MASKAFLEX

COUPLINGS

SERVICE FACTORS TO USE FOR MASKAFLEX & STARFLEX COUPLINGS

TYPE OF DRIVING UNIT

Internal combustion engine; 1 to 3 cylinders, with irregularity factor from 80 to 100%.

Internal combustion engine; 4 to 6 cylinders, with irregularity factor from 100 to 200%.

Electrical motor.

TYPE OF LOAD	TYPE OF DRIVEN MACHINE	1	1.5	2.0
Regular load	Agitators - Conveyors - Centrifugal compressors - Dynamo meters - Air filters - Generators - Shaftline - Centrifugal pumps - Centrifugal fans	1	1.5	2.0
Moderate overload	Agitators - Hoisting equipment - Bucket elevators - Textile machines - Machine tools - Timber machinery - Mixers - Rotary pumps - Printing presses - Winches - Mine fans	1.5	2.0	2.5
Substantial overload	Hoisting equipments - Bar - Grinders - Crushers - Rotary compressors - Dredgers - Calenders - Rotative furnaces - Print presses - Cutting presses - Desanding drums	2	2.5	3.0
High inertia - Surges - Torque or rotation inversions	Rotative crushers - Reciprocating conveyors - Vibrating screens - Reciprocating compressors - Rubber mixers - Rolling mills - Reciprocating pumps	2.5	3.0	3.5

SELECTION EXAMPLE

To choose a coupling for the connection of a 25 HP electric motor at 1750 RPM, and a service factor 1.0

- Necessary power at 100 rpm: $\frac{25 \times 100}{\text{(R.P.M. of driver shaft)}} = 1.43 \text{ HP/100 RPM}$
- Referring to table 2 and using 1.43 HP/100 RPM, we can select the required coupling at various service factors.

Table 2: Maskaflex Main Features and Selection Guide

Coupling No.	Stock bores		Max RPM	HP per 100 RPM					Torque* @ 1.0 S.F. (LB in)	Average static torsional stiffness coefficient (H)		Approx. WR ² (LB-FT ²)	Max. parallel misalignment	Max. axial misalignment
	Min.	Max.		Service factors						LB-IN/DEG.	LB-IN/RAD.			
				1.0	1.5	2.0	2.5	3.0						
MX50JA	1/2	1 1/4	4500	1.43	.95	.72	.57	.48	900	224	12,850	.08	3/64	1/16
MX60SH	1/2	1 5/8	4000	2.86	1.91	1.43	1.14	.95	1,800	414	23,700	.24	1/16	5/64
MX70SDS	1/2	1 15/16	3600	3.49	2.33	1.75	1.40	1.16	2,200	544	31,200	.45	5/64	3/32
MX80SK	1/2	2 1/2	3100	5.71	3.81	2.86	2.28	1.90	3,600	876	50,200	.88	5/64	7/64
MX90SK	1/2	2 1/2	2800	6.90	4.60	3.45	2.76	2.30	4,350	1,088	62,400	1.60	3/32	1/8
MX100SF	1/2	2 3/4	2600	8.33	5.55	4.17	3.33	2.78	5,250	1,530	87,700	2.90	7/64	1/8
MX110SF	1/2	2 3/4	2300	12.30	8.20	6.15	4.92	4.10	7,750	2,420	138,700	4.30	7/64	9/64
MX120E	7/8	3 7/16	2100	19.90	13.27	9.95	7.96	6.63	12,540	4,014	217,000	6.70	1/8	5/32
MX140F	1	3 15/16	1840	43.78	29.19	21.89	17.51	14.59	27,590	8,296	476,000	19.50	9/64	3/16
MX160J	1 7/16	4 1/2	1560	59.98	39.99	29.99	23.99	19.99	37,800	12,000	688,000	34.60	11/64	13/64
MX200J	1 7/16	4 1/2	1300	130.90	87.27	65.45	52.36	43.63	82,500	29,000	1,662,000	103.00	13/64	17/64

* To obtain the maximal torque, multiply by 2.5 the nominal torque. (X-Tork tire)

825-900 RPM MOTORS							1125-1200 RPM MOTORS						
Smallest coupling to accommodate motor shaft for 1956 and T frame							Smallest coupling to accommodate motor shaft for 1956 and T frame						
MOTOR HP	COMPUTER HP/100RPM FOR 860 RPM MOTOR	SERVICE FACTOR					MOTOR HP	COMPUTER HP/100RPM FOR 1160 RPM MOTOR	SERVICE FACTOR				
		1.0	1.5	2.0	2.5	3.0			1.0	1.5	2.0	2.5	3.0
1/8	.015						1/4	.022					
1/4	.029						1/3	.029					
1/3	.039						1/2	.043					
1/2	.058	*50JA	*50JA	*50JA	*50JA	*50JA	3/4	.065	*50JA	*50JA	*50JA	*50JA	*50JA
3/4	.087	*50JA	*50JA	*50JA	*50JA	*50JA	1	.086	*50JA	*50JA	*50JA	*50JA	*50JA
1	.116	*50JA	*50JA	*50JA	*50JA	*50JA	1 1/2	.129	*50JA	*50JA	*50JA	*50JA	*50JA
1 1/2	.174	*50JA	*50JA	*50JA	*50JA	*50JA	2	.172	*50JA	*50JA	*50JA	*50JA	*50JA
2	.232	*50JA	*50JA	*50JA	*50JA	*50JA	3	.259	*50JA	*50JA	*50JA	*50JA	*50JA
3	.349	*50JA	*50JA	*50JA	*50JA	*50JA	5	.431	*50JA	*50JA	*60JA	*50JA	*50JA
5	.581	*50JA	*50JA	*50JA	60SH	60SH	7 1/2	.647	*50JA	*50JA	*50JA	60SH	60SH
7 1/2	.872	*50JA	*50JA	60SH	60SH	60SH	10	.862	*50JA	*50JA	60SH	60SH	60SH
10	1.16	*50JA	60SH	60SH	70SDS	70SDS	15	1.29	*50JA	60SH	60SH	70SDS	80SK
15	1.74	60SH	60SH	70SDS	80SK	80SK	20	1.72	60SH	60SH	70SDS	80SK	80SK
20	2.33	60SH	70SDS	80SK	90SK	100SF	25	2.16	60SH	70SDS	80SK	80SK	90SK
25	2.91	70SDS	80SK	90SK	100SF	110SF	30	2.59	60SH	80SK	80SK	90SK	100SF
30	3.49	70SDS	80SK	100SF	110SF	110SF	40	3.45	70SDS	80SK	90SK	110SF	110SF
40	4.65	80SK	100SF	110SF	110SF	120E	50	4.31	80SK	90SK	110SF	110SF	120E
50	5.81	90SK	110SF	110SF	120E	120E	60	5.17	80SK	100SF	110SF	120E	120E
60	6.98	100SF	110SF	120E	120E	140F	75	6.47	90SK	110SF	120E	120E	120E
75	8.72	110SF	120E	120E	140F	140F	100	8.62	110SF	120E	120E	140F	140F
100	11.63	110SF	120E	140F	140F	140F	125	10.78	110SF	120E	140F	140F	140F

1725-1800 RPM MOTORS							3450-3600 RPM MOTORS						
Smallest coupling to accommodate motor shaft for 1956 and T frame							Smallest coupling to accommodate motor shaft for 1956 and T frame						
MOTOR HP	COMPUTER HP/100RPM FOR 1750 RPM MOTOR	SERVICE FACTOR					MOTOR HP	COMPUTER HP/100RPM FOR 3500 RPM MOTOR	SERVICE FACTOR				
		1.0	1.5	2.0	2.5	3.0			1.0	1.5	2.0	2.5	3.0
1	.057	*50JA	*50JA	*50JA	*50JA	*50JA	1 1/2	.044	*50JA	*50JA	*50JA	*50JA	*50JA
1 1/2	.086	*50JA	*50JA	*50JA	*50JA	*50JA	2	.057	*50JA	*50JA	*50JA	*50JA	*50JA
2	.114	*50JA	*50JA	*50JA	*50JA	*50JA	3	.086	*50JA	*50JA	*50JA	*50JA	*50JA
3	.171	*50JA	*50JA	*50JA	*50JA	*50JA	5	.143	*50JA	*50JA	*50JA	*50JA	*50JA
5	.286	*50JA	*50JA	*50JA	*50JA	*50JA	7 1/2	.214	*50JA	*50JA	*50JA	*50JA	*50JA
7 1/2	.429	*50JA	*50JA	*50JA	*50JA	*50JA	10	.286	*50JA	*50JA	*50JA	*50JA	*50JA
10	.571	*50JA	*50JA	*50JA	*50JA	*50JA	15	.429	*50JA	*50JA	*50JA	*50JA	*50JA
15	.857	*50JA	*50JA	60SH	60SH	60SH	20	.571	*50JA	*50JA	*50JA	*50JA	60SH
20	1.14	*50JA	60SH	60SH	60SH	70SDS	25	.714	*50JA	*50JA	*50JA	60SH	60SH
25	1.43	*50JA	60SH	60SH	80SK	80SK	30	.857	*50JA	*50JA	60SH	60SH	60SH
30	1.71	60SH	60SH	70SDS	80SK	80SK	40	1.14	*50JA	60SH	60SH	70SDS	70SDS
40	2.28	60SH	70SDS	80SK	80SK	90SK	50	1.428	*50JA	60SH	60SH	--	--
50	2.86	60SH	80SK	80SK	100SF	110SF	60	1.71	60SH	60SH	70SDS	--	--
60	3.43	70SDS	80SK	90SK	110SF	110SF	75	2.14	60SH	70SDS	--	--	--
75	4.28	80SK	90SK	110SF	110SF	120E	100	2.86	60SH	--	--	--	--
100	5.71	80SK	110SF	110SF	120E	120E	125	--	--	--	--	--	--
125	7.14	100SF	110SF	120E	120E	140F	150	--	--	--	--	--	--
150	8.57	110SF	120E	120E	140F	140F	200	--	--	--	--	--	--
200	11.43	110SF	120E	140F	140F	140F	250	--	--	--	--	--	--

Note: Bushing sizes shown above may not always have shaft size capacity capabilities.

*#50JA MASKAFLEX couplings are outside-outside mount only.

Maska Flex Couplings are balanced to meet general industrial applications. Applications with a speed superior to 5,000 ft./min. may require more accurate balancing.