



TIMING BELT PULLEYS AND SPROCKETS



Performance Advantages

Maurey Timing Belt Drives provide a reliable, economical and trouble-free alternative to transmit power and reduce drive weight and cost when compared to chain drives and other types of belt drives.

Wide Range of Load Capacities

Maurey Timing Belt Drives are designed for high capacity performance exceeding the traditional limitations of chain and belt drives. The load capacity varies from fractional horsepower to more than 600 H.P.

Alterations

Maurey will customize your Timing Belt component needs to suit the application in which it is used. See list price book or consult factory for various alteration charges.

- Rebore Minimum Plain Bore
- Add Keyway
- Add Set Screw

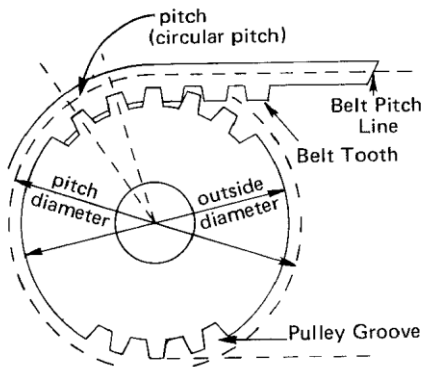
Contact Maurey Customer Service for quantity breaks for alterations.

Space Saving Design

When compared to other belt systems, Maurey Timing Belt Drives permit a narrower drive, reducing the cost of the drive by cutting component costs.

POSITIVE DRIVE PULLEYS

Maurey Positive Drive Pulleys are made in five stock pitches to conform with the five stock pitches of belts. They are available in a wide range of stock widths and diameters. On the belt, pitch is the distance between the tooth centers on the pitch line of the belt. On the pulley, pitch is the distance between groove centers and is measured on the pulley pitch circle.



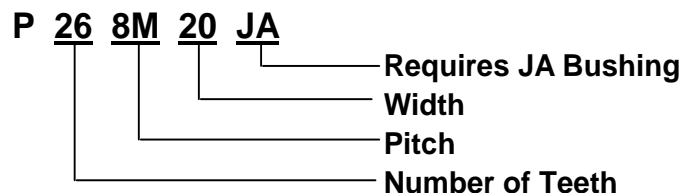
HIGH TORQUE DRIVE SPROCKETS

Available For Belts 8mm and 14mm in Pitch

Engineered for Durability

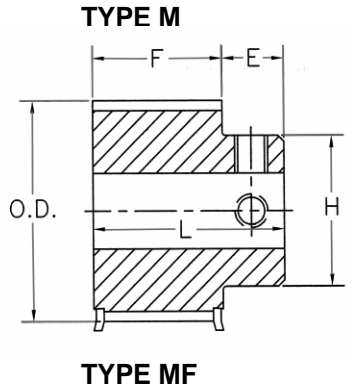
High Torque Sprocket Drives are designed to minimize interference between the belt and sprocket during mesh, providing greater horsepower without slippage or speed variation. By designing belt teeth to disperse critical stresses, belt performance is improved, assuring longer belt life.

Part Number Description





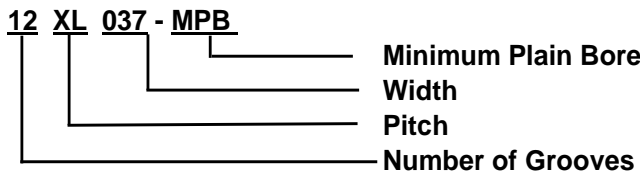
1/5" pitch (XL) stock pulley dimensions positive drive pulleys



ALL "XL" PULLEYS ARE DRILLED AND TAPPED. TWO SET SCREWS ARE INCLUDED NOT INSTALLED.

Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

Part Number Explanation



Pulleys stocked in 3/8 inch (XL037) width only. For belts 1/4 inch (XL025), 5/16 inch (XL031), and 3/8 inch (XL037) wide.

Steel Part Number	Aluminum Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Type	Dimensions, Inches				Bore Range		Steel Weight Lbs (Approx.)	Aluminum Weight Lbs (Approx.)
				Pulley	Flange		E	L	H	F	Min ^	Max		
10XL037MPB		10	.637	.617	29/32	M1F	7/32	25/32	7/16	9/16	3/16	1/4	.03	
11XL037MPB		11	.700	.680	29/32	M1F	7/32	25/32	7/16	9/16	3/16	1/4	.03	
12XL037MPB	12AXL037MPB	12	.764	.744	31/32	M1F	7/32	25/32	1/2	9/16	3/16	5/16	.06	.03
14XL037MPB	14AXL037MPB	14	.891	.871	1-7/64	M1F	7/32	25/32	9/16	9/16	1/4	3/8	.06	.05
15XL037MPB	15AXL037MPB	15	.955	.935	1-3/16	M1F	7/32	25/32	5/8	9/16	1/4	7/16	.09	.06
16XL037MPB	16AXL037MPB	16	1.019	.999	1-1/4	M1F	7/32	25/32	11/16	9/16	1/4	3/8	.09	.06
18XL037MPB	18AXL037MPB	18	1.146	1.126	1-3/8	M1F	7/32	25/32	13/16	9/16	1/4	9/16	.13	.09
20XL037MPB	20AXL037MPB	20	1.273	1.253	1-1/2	M1F	5/16	7/8	15/16	9/16	1/4	11/16	.19	.12
21XL037MPB	21AXL037MPB	21	1.377	1.317	1-9/16	M1F	5/16	7/8	15/16	9/16	1/4	11/16	.19	.12
22XL037MPB	22AXL037MPB	22	1.401	1.381	1-5/8	M1F	5/16	7/8	1	9/16	1/4	3/4	.22	.12
24XL037MPB	24AXL037MPB	24	1.528	1.508	1-3/4	M1F	5/16	7/8	1-1/16	9/16	1/4	13/16	.25	.15
28XL037MPB	28AXL037MPB	28	1.783	1.763	2	M1F	5/16	7/8	1-3/16	9/16	1/4	15/16	.34	.21
30XL037MPB	30AXL037MPB	30	1.910	1.890	2-1/8	M1F	5/16	7/8	1-3/8	9/16	5/16	1-1/16	.41	.22
32XL037MPB	32AXL037MPB	32	2.037	2.017		M1	7/16	1	1-1/2	9/16	5/16	1-3/16	.53	.25
36XL037MPB	36AXL037MPB	36	2.292	2.272		M1	7/16	1	1-1/2	9/16	5/16	1-3/16	.75	.30
40XL037MPB	40AXL037MPB	40	2.546	2.526		M1	7/16	1	1-1/2	9/16	5/16	1-3/16	.90	.31
42XL037MPB	42AXL037MPB	42	2.674	2.654		M2/M1*	7/16	1	1-5/8	9/16	5/16	1-3/16	1.06	.31
44XL037MPB	44AXL037MPB	44	2.801	2.781		M2/M1*	7/16	1	1-5/8	9/16	5/16	1-3/16	1.31	.31
48XL037MPB	48AXL037MPB	48	3.056	3.036		M2	7/16	1	1-5/8	9/16	5/16	1-3/16	1.50	.38
60XL037MPB	60AXL037MPB	60	3.820	3.800		M2	7/16	1	1-5/8	9/16	3/8	1-3/16	1.40	.38
72XL037MPB	72AXL037MPB	72	4.584	4.564		M2	7/16	1	1-5/8	9/16	3/8	1-3/16	1.75	.50

^ Minimum plain bore only carried in stock

Maximum bore possible without keyseat

* Aluminum in this size is M1 style



3/8" pitch (L) stock pulley dimensions positive drive pulleys

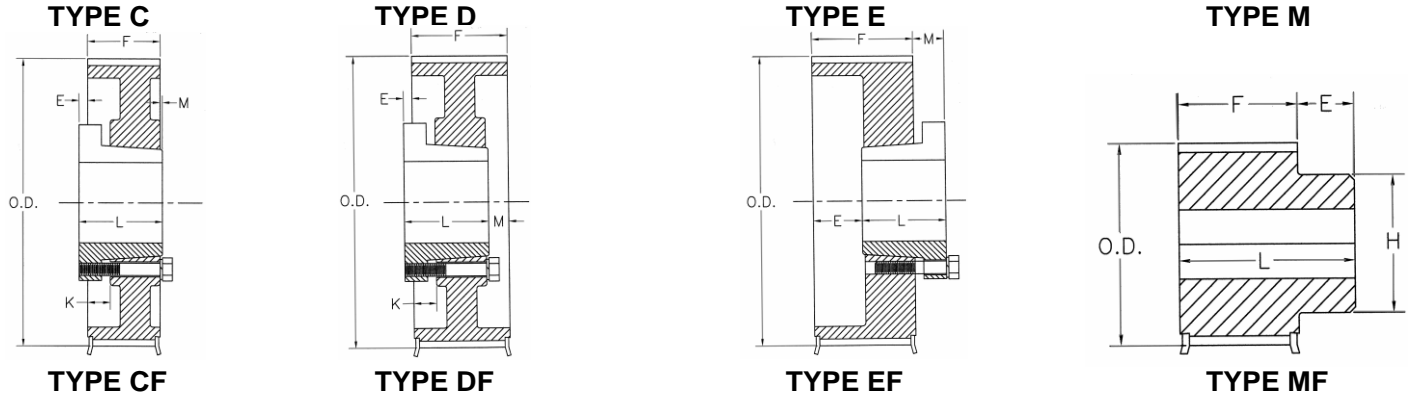
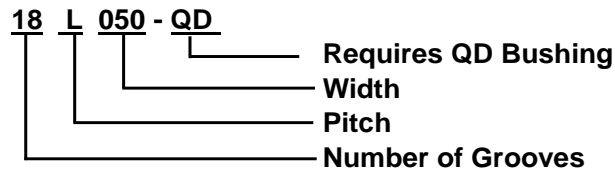


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

Part Number Explanation



FOR BELTS 1/2 INCH WIDE • 3/8 INCH PITCH (L050)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type*	Dimensions, Inches						Bore Range		Weight Lbs □ (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max *		
10L050MPB	10	1.194	1.164	1-7/16	*	M1F	3/8	1-1/8				13/16	3/4	3/8	9/16	.28
12L050MPB	12	1.432	1.402	1-11/16	*	M1F	1/2	1-1/4				1-1/16	3/4	3/8	13/16	.30
13L050MPB	13	1.552	1.522	1-3/4	*	M1F	1/2	1-1/4				1-1/8	3/4	3/8	13/16	.35
14L050MPB	14	1.671	1.641	1-15/16	*	M1F	5/8	1-1/4				1-1/8	3/4	3/8	7/8	.40
15L050MPB	15	1.790	1.760	1-15/16	*	M1F	1/2	1-1/4				1-1/8	3/4	1/2	15/16	.50
16L050MPB	16	1.910	1.880	2-3/16	*	M1F	5/8	1-3/8				1-7/16	3/4	1/2	1-1/8	.60
17L050MPB	17	2.029	1.999	2-3/16	*	M1F	5/8	1-3/8				1-7/16	3/4	1/2	1-1/8	.65
18L050MPB	18	2.149	2.119	2-3/8	*	M1F	5/8	1-3/8				1-9/16	3/4	1/2	1-3/16	.75
18L050QD	18	2.149	2.119	2-3/8	JA	E1F	3/16	1	7/16				3/4	1/2	1-3/16	.40
19L050MPB	19	2.268	2.238	2-3/8	*	M1F	5/8	1-3/8				1-5/8	3/4	1/2	1-3/16	.80
20L050MPB	20	2.837	2.357	2-5/8	*	M1F	5/8	1-3/8				1-11/16	3/4	1/2	1-1/4	.94
20L050QD	20	2.837	2.357	2-5/8	JA	E1F	3/16	1	7/16				3/4	1/2	1-3/16	.50
21L050MPB	21	2.507	2.477	2-3/4	*	M1F	11/16	1-7/16				1-7/8	3/4	1/2	1-5/16	1.0
22L050MPB	22	2.626	2.596	3	*	M1F	3/4	1-1/2				2	3/4	1/2	1-1/2	1.1
22L050QD	22	2.626	2.596	3	JA	E1F	3/16	1	7/16				3/4	1/2	1-3/16	.70
24L050MPB	24	2.865	2.835	3-1/4	*	M1F	3/4	1-1/2				2-1/4	3/4	1/2	1-5/8	1.6
24L050QD	24	2.865	2.835	3-1/4	SH	E1F	0	1-1/4	1/2				3/4	1/2	1-5/8	.70
26L050MPB	26	3.104	3.074	3-5/16	*	M1F	3/4	1-1/2				2-1/4	3/4	1/2	1-5/8	2.3
26L050QD	26	3.104	3.074	3-5/16	SH	C1F	1/2	1-1/4	0	0			3/4	1/2	1-5/8	1.0
28L050MPB	28	3.342	3.312	3-9/16	*	M1F	3/4	1-1/2				2-1/4	3/4	1/2	1-5/8	2.5
28L050QD	28	3.342	3.312	3-9/16	SH	C1F	1/2	1-1/4	0	0			3/4	1/2	1-5/8	1.1
30L050MPB	30	3.581	3.551	3-3/4	*	M1F	3/4	1-1/2				2-1/4	3/4	1/2	1-5/8	2.7
30L050QD	30	3.581	3.551	3-3/4	SDS	C1F	9/16	1-5/16	0	0			3/4	1/2	1-15/16	1.1
32L050MPB	32	3.820	3.790	4	*	M1F	7/8	1-5/8				2-9/16	3/4	1/2	1-7/8	3.0
32L050QD	32	3.820	3.790	4	SDS	C1F	9/16	1-5/16	0	0			3/4	1/2	1-15/16	1.4
36L050QD	36	4.297	4.267	4-17/32	SDS	C1F	9/16	1-5/16	0	0			3/4	1/2	1-15/16	2.0
40L050QD	40	4.775	4.745	5	SDS	D1F	9/16	1-5/16	0	0			3/4	1/2	1-15/16	2.8
44L050QD	44	5.252	5.222	5-31/64	SDS	C1F	9/16	1-5/16	0	0			3/4	1/2	1-15/16	3.6
48L050QD	48	5.730	5.700	6	SDS	D1F	9/16	1-5/16	0	0			3/4	1/2	1-15/16	4.4
60L050QD	60	7.162	7.132		SD	C3	13/16	1-13/16	1/4	+1/4			3/4	1/2	1-15/16	4.2
72L050QD	72	8.594	8.564		SD	C3	13/16	1-13/16	1/4	+1/4			3/4	1/2	1-15/16	6.6
84L050QD	84	10.027	9.997		SD	C3	13/16	1-13/16	1/4	+1/4			3/4	1/2	1-15/16	5.8
96L050QD	96	11.459	11.429		SD	C3	13/16	1-13/16	1/4	+1/4			3/4	1/2	1-15/16	7.4
120L050QD	120	14.324	14.294		SD	C3	13/16	1-13/16	1/4	+1/4			3/4	1/2	1-15/16	10.0

* Maximum bore without keyway

Weight shown is for pulley without bushing

*Bored to suit construction (Type M) minimum plain bore only carried in stock



3/8" pitch (L) stock pulley dimensions positive drive pulleys

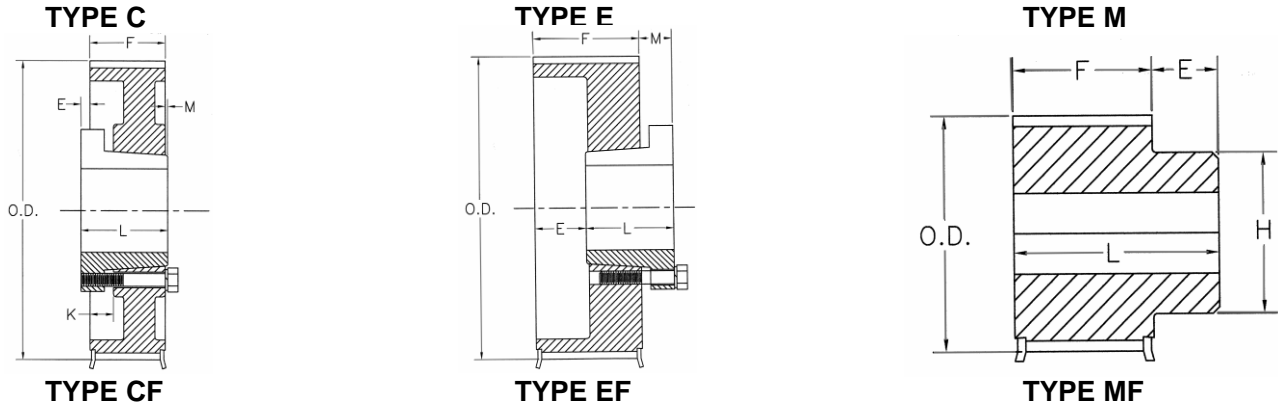
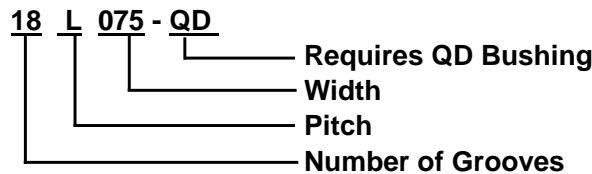


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
 1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

Part Number Explanation



FOR BELTS 3/4 INCH WIDE • 3/8 INCH PITCH (L075)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max *		
12L075MPB	12	1.432	1.402	1-11/16	*	M1F	1/2	1-1/2				1-1/16	1	3/8	13/16	.4
13L075MPB	13	1.522	1.552	1-11/16	*	M1F	1/2	1-1/2				1-1/8	1	3/8	13/16	.4
14L075MPB	14	1.671	1.641	1-15/16	*	M1F	1/2	1-1/2				1-1/8	1	3/8	7/8	.5
15L075MPB	15	1.790	1.760	1-15/16	*	M1F	1/2	1-1/2				1-1/8	1	1/2	7/8	.6
16L075MPB	16	1.910	1.880	2-3/16	*	M1F	5/8	1-5/8				1-7/16	1	1/2	1-1/8	.7
17L075MPB	17	2.029	1.999	2-3/16	*	M1F	1/2	1-1/2				1-7/16	1	1/2	1-1/8	.8
18L075MPB	18	2.149	2.119	2-3/8	*	M1F	5/8	1-5/8				1-9/16	1	1/2	1-3/16	.9
18L075QD	18	2.149	2.119	2-3/8	JAr	E1F	7/16	1	7/16			1	1	1/2	1-3/16	.5
19L075MPB	19	2.268	2.238	2-3/8	*	M1F	5/8	1-5/8				1-5/8	1	1/2	1-3/16	1.1
20L075MPB	20	2.387	2.357	2-5/8	*	M1F	5/8	1-5/8				1-11/16	1	1/2	1-1/4	1.5
20L075QD	20	2.387	2.357	2-5/8	JAr	E1F	7/16	1	7/16			1	1	1/2	1-3/16	.7
21L075MPB	21	2.507	2.477	2-3/4	*	M1F	5/8	1-5/8				1-7/8	1	1/2	1-5/16	1.6
22L075MPB	22	2.626	2.596	3	*	M1F	3/4	1-3/4				2	1	1/2	1-1/2	1.8
22L075QD	22	2.626	2.596	3	JAr	E1F	7/16	1	7/16			1	1	1/2	1-3/16	.8
24L075MPB	24	2.865	2.835	3-1/4	*	M1F	3/4	1-3/4				2-1/4	1	5/8	1-5/8	2.1
24L075QD	24	2.865	2.835	3-1/4	SH	E1F	3/16	1-1/4	1/2			1	1	1/2	1-5/8	.8
26L075MPB	26	3.104	3.074	3-5/16	*	M1F	3/4	1-3/4				2-1/4	1	5/8	1-5/8	2.8
26L075QD	26	3.104	3.074	3-5/16	SH	E1F	3/16	1-1/4	1/2			1	1	1/2	1-5/8	1.1
28L075MPB	28	3.342	3.312	3-9/16	*	M1F	3/4	1-3/4				2-1/4	1	5/8	1-5/8	3.1
28L075QD	28	3.342	3.312	3-9/16	SH	E1F	3/16	1-1/4	1/2			1	1	1/2	1-5/8	1.3
30L075MPB	30	3.581	3.551	3-3/4	*	M1F	3/4	1-3/4				2-1/4	1	5/8	1-5/8	3.4
30L075QD	30	3.581	3.551	3-3/4	SDS	E1F	1/4	1-5/16	9/16			1	1	1/2	1-15/16	1.5
32L075MPB	32	3.820	3.790	4	*	M1F	7/8	1-7/8				2-9/16	1	5/8	1-7/8	3.7
32L075QD	32	3.820	3.790	4	SDS	E1F	1/4	1-5/16	9/16			1	1	1/2	1-15/16	1.7
36L075QD	36	4.297	4.267	4-17/32	SDS	C1F	5/16	1-5/16	0	1/4		1	1	1/2	1-15/16	2.3
40L075QD	40	4.775	4.745	5	SDS	C1F	5/16	1-5/16	0	1/4		1	1	1/2	1-15/16	3.1
44L075QD	44	5.252	5.222	5-31/64	SDS	C1F	5/16	1-5/16	0	1/4		1	1	1/2	1-15/16	4.0
48L075QD	48	5.730	5.700	6	SDS	C1F	5/16	1-5/16	0	1/4		1	1	1/2	1-15/16	4.6
60L075QD	60	7.162	7.132		SD	C3	11/16	1-13/16	1/8	+1/8		1	1	1/2	1-15/16	4.7
72L075QD	72	8.594	8.564		SD	C3	11/16	1-13/16	1/8	+1/8		1	1	1/2	1-15/16	6.5
84L075QD	84	10.027	9.997		SD	C3	11/16	1-13/16	1/8	+1/8		1	1	1/2	1-15/16	6.3
96L075QD	96	11.459	11.429		SD	C3	11/16	1-13/16	1/8	+1/8		1	1	1/2	1-15/16	9.4
120L075QD	120	14.324	14.294		SD	C3	11/16	1-13/16	1/8	+1/8		1	1	1/2	1-15/16	13.8

*Bored to suit construction (Type M) minimum plain bore only carried in stock

Weight shown is for pulley without bushing

"r" = Reverse mount only

* Maximum bore without keyway



3/8" pitch (L) stock pulley dimensions positive drive pulleys

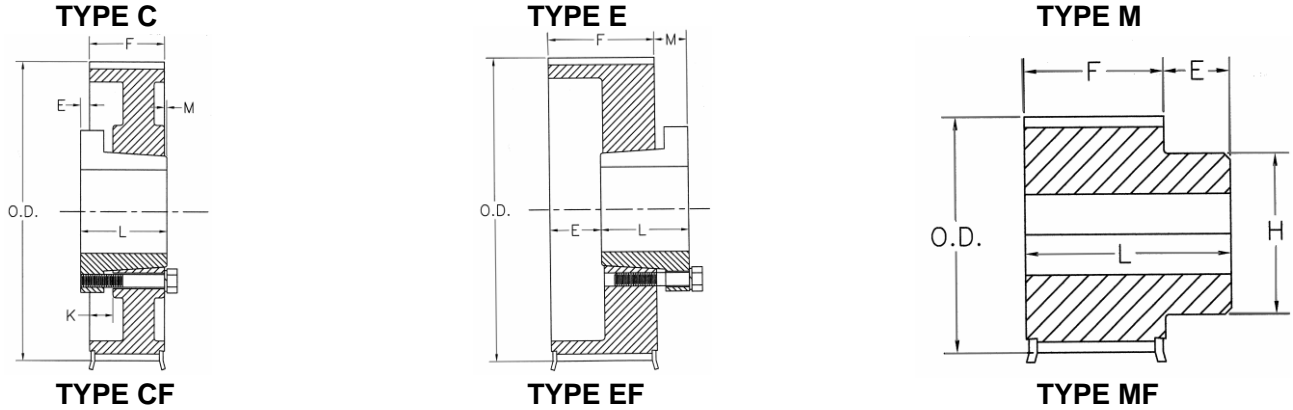
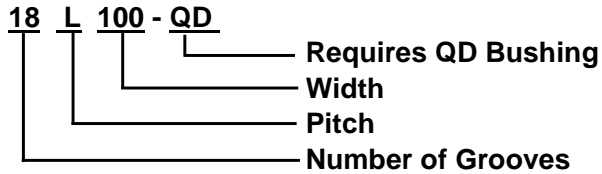


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

Part Number Explanation



FOR BELTS 1 INCH WIDE • 3/8 INCH PITCH (L100)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches					Bore Range		Weight Lbs □ (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min		Max *
13L100MPB	13	1.552	1.522	1-3/4	*	M1F	1/2	1-3/4			1-1/8	1-1/4	3/8	7/8	.5
14L100MPB	14	1.671	1.641	1-15/16	*	M1F	1/2	1-3/4			1-1/8	1-1/4	3/8	7/8	.6
15L100MPB	15	1.790	1.760	1-15/16	*	M1F	1/2	1-3/4			1-1/8	1-1/4	1/2	7/8	.7
16L100MPB	16	1.910	1.880	2-3/16	*	M1F	5/8	1-7/8			1-7/16	1-1/4	1/2	1-1/8	.8
17L100MPB	17	2.029	1.999	2-3/16	*	M1F	1/2	1-3/4			1-7/16	1-1/4	1/2	1-1/8	1.0
18L100MPB	18	2.149	2.119	2-3/8	*	M1F	5/8	1-7/8			1-5/8	1-1/4	1/2	1-3/16	1.1
18L100QD	18	2.149	2.119	2-3/8	JAr	E1F	11/16	1	7/16			1-1/4	1/2	1-3/16	.7
19L100MPB	19	2.268	2.238	2-3/8	*	M1F	5/8	1-7/8			1-3/4	1-1/4	1/2	1-3/16	1.4
20L100MPB	20	2.387	2.357	2-5/8	*	M1F	5/8	1-7/8			1-11/16	1-1/4	1/2	1-1/4	1.75
20L100QD	20	2.387	2.357	2-5/8	JAr	E1F	11/16	1	7/16			1-1/4	1/2	1-3/16	.9
21L100MPB	21	2.507	2.477	2-3/4	*	M1F	5/8	1-7/8			1-7/8	1-1/4	5/8	1-5/16	1.8
22L100MPB	22	2.626	2.596	3	*	M1F	3/4	2			2	1-1/4	5/8	1-1/2	2.0
22L100QD	22	2.626	2.596	3	JAr	E1F	11/16	1	7/16			1-1/4	1/2	1-3/16	1.0
24L100MPB	24	2.865	2.835	3-1/4	*	M1F	3/4	2			2-1/4	1-1/4	5/8	1-5/8	2.5
24L100QD	24	2.865	2.835	3-1/4	SH	E1F	7/16	1-1/4	1/2			1-1/4	1/2	1-5/8	1.0
26L100MPB	26	3.104	3.074	3-5/16	*	M1F	7/8	2-1/8			2-1/2	1-1/4	5/8	1-7/8	3.3
26L100QD	26	3.104	3.074	3-5/16	SH	E1F	7/16	1-1/4	1/2			1-1/4	1/2	1-5/8	1.3
28L100MPB	28	3.342	3.312	3-9/16	*	M1F	1	2-1/4			2-1/2	1-1/4	5/8	2	3.6
28L100QD	28	3.342	3.312	3-9/16	SH	E1F	7/16	1-1/4	1/2			1-1/4	1/2	1-5/8	1.7
30L100MPB	30	3.581	3.551	3-3/4	*	M1F	1	2-1/4			2-15/16	1-1/4	5/8	2-1/8	4.0
30L100QD	30	3.581	3.551	3-3/4	SDS	E1F	1/2	1-5/16	9/16			1-1/4	1/2	1-15/16	2.0
32L100MPB	32	3.820	3.790	4	*	M1F	1	2-1/4			3-1/8	1-1/4	5/8	1-7/8	4.4
32L100QD	32	3.820	3.790	4	SDS	E1F	1/2	1-5/16	9/16			1-1/4	1/2	1-15/16	2.1
36L100QD	36	4.297	4.267	4-17/32	SDS	C1F	5/16	1-5/16	0	1/2		1-1/4	1/2	1-15/16	2.6
40L100QD	40	4.775	4.745	5	SDS	C1F	1/16	1-5/16	0	1/2		1-1/4	1/2	1-15/16	3.4
44L100QD	44	5.252	5.222	5-31/64	SDS	C1F	1/16	1-5/16	0	1/2		1-1/4	1/2	1-15/16	4.2
48L100QD	48	5.730	5.700	6	SDS	C1F	1/16	1-5/16	0	1/2		1-1/4	1/2	1-15/16	5.1
60L100QD	60	7.162	7.132		SD	C3	9/16	1-13/16	0	0		1-1/4	1/2	1-15/16	6.0
72L100QD	72	8.594	8.564		SD	C3	9/16	1-13/16	0	0		1-1/4	1/2	1-15/16	7.5
84L100QD	84	10.027	9.997		SD	C3	9/16	1-13/16	0	0		1-1/4	1/2	1-15/16	6.9
96L100QD	96	11.459	11.429		SD	C3	9/16	1-13/16	0	0		1-1/4	1/2	1-15/16	11.2
120L100QD	120	14.324	14.294		SD	C3	9/16	1-13/16	0	0		1-1/4	1/2	1-15/16	16.0

*Bored to suit construction (Type M) minimum plain bore only carried in stock

Weight shown is for pulley without bushing

"r" = Reverse mount only

* Maximum bore without keyway



1/2" pitch (H) stock pulley dimensions positive drive pulleys

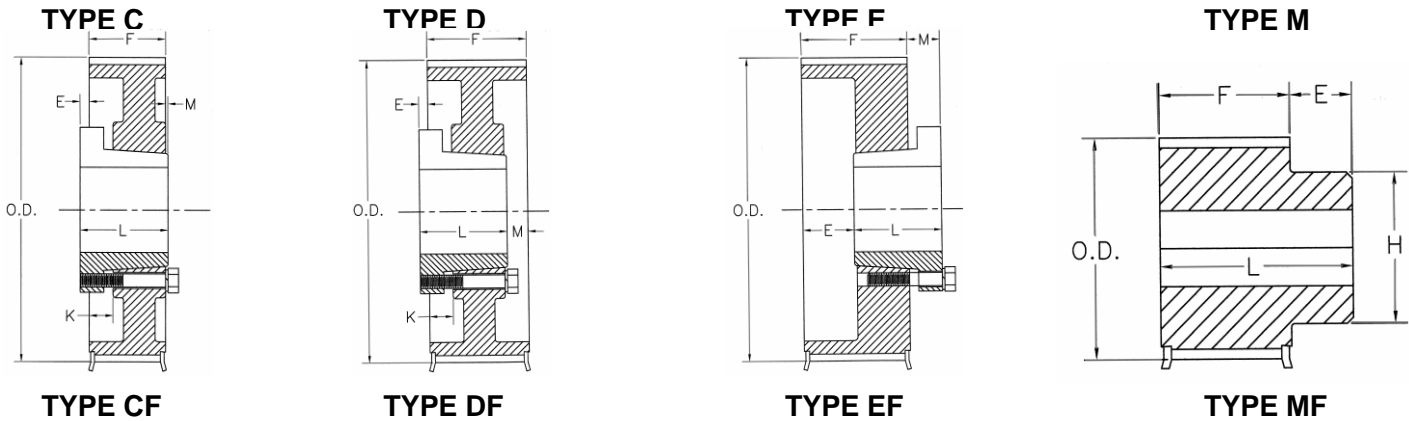
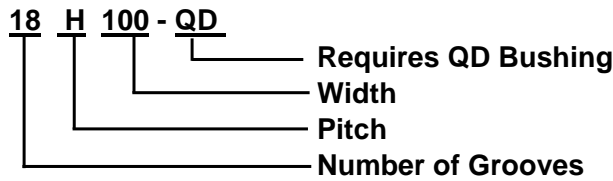


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

Part Number Explanation



FOR BELTS 1 INCH WIDE • 1/2 INCH PITCH (H100) ALSO USE FOR 3/4 INCH (H075) BELTS

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max *		
14H100MPB	14	2.228	2.174	2-3/8	*	M1F	5/8	1-15/16				1-1/2	1-5/16	5/8	1	1.4
14H100QD	14	2.228	2.174	2-3/8	JAr	E1F	3/4	1	7/16				1-5/16	1/2	1-3/16	1.0
16H100MPB	16	2.546	2.492	2-3/4	*	M1F	11/16	2				2	1-5/16	5/8	1-1/4	2.0
16H100QD	16	2.546	2.492	2-3/4	JAr	E1F	3/4	1	7/16				1-5/16	1/2	1-3/16	1.5
17H100MPB	17	2.706	2.652	3	*	M1F	11/16	2				2	1-5/16	5/8	1-1/4	2.6
18H100MPB	18	2.865	2.811	3-1/4	*	M1F	11/16	2				2-1/4	1-5/16	5/8	1-1/2	2.8
18H100QD	18	2.865	2.811	3-1/4	SH	E1F	9/16	1-1/4	1/2				1-5/16	1/2	1-5/8	1.2
19H100MPB	19	3.024	2.970	3-1/4	*	M1F	13/16	2-1/8				2-1/4	1-5/16	5/8	1-9/16	2.9
20H100MPB	20	3.183	3.129	3-5/16	*	M1F	7/8	2-3/16				2-1/2	1-5/16	5/8	1-5/8	3.4
20H100QD	20	3.183	3.129	3-5/16	SH	E1F	9/16	1-1/4	1/2				1-5/16	1/2	1-5/8	1.2
21H100MPB	21	3.342	3.288	3-9/16	*	M1F	1	2-5/16				2-1/2	1-5/16	3/4	1-11/16	3.8
22H100MPB	22	3.501	3.447	3-3/4	*	M1F	1	2-5/16				2-7/8	1-5/16	3/4	1-7/8	4.3
22H100QD	22	3.501	3.447	3-3/4	SDS	E1F	9/16	1-5/16	9/16				1-5/16	1/2	1-15/16	1.4
24H100MPB	24	3.820	3.766	4	*	M1F	1	2-5/16				3-1/8	1-5/16	3/4	2-1/8	5.3
24H100QD	24	3.820	3.766	4	SDS	E1F	9/16	1-5/16	9/16				1-5/16	1/2	1-15/16	1.7
26H100MPB	26	4.138	4.084	4-3/8	*	M1F	1-1/8	2-7/16				3-1/2	1-5/16	3/4	2-1/2	6.7
26H100QD	26	4.138	4.084	4-3/8	SDS	D1F	1/16	1-5/16	9/16	1/2			1-5/16	1/2	1-15/16	2.0
28H100MPB	28	4.456	4.402	4-11/16	*	M1F	1-1/8	2-7/16				3-5/8	1-5/16	3/4	2-5/8	8.0
28H100QD	28	4.456	4.402	4-11/16	SDS	D1F	1/16	1-5/16	1/16	1/2			1-5/16	1/2	1-15/16	2.6
30H100QD	30	4.775	4.721	5	SD	D1F	9/16	1-13/16	1/16	0			1-5/16	1/2	1-15/16	3.0
32H100QD	32	5.093	5.039	5-5/16	SK	D1F	5/8	1-7/8	1/16	0			1-5/16	1/2	2-1/2	4.9
36H100QD	36	5.730	5.678	5-61/64	SK	D1F	5/8	1-7/8	1/16	0			1-5/16	1/2	2-1/2	3.6
40H100QD	40	6.366	6.312	6-9/16	SK	D1F	5/8	1-7/8	1/16	0			1-5/16	1/2	2-1/2	8.2
44H100QD	44	7.003	6.953	7-1/4	SK	D1F	5/8	1-7/8	1/16	0			1-5/16	1/2	2-1/2	10.0
48H100QD	48	7.639	7.585	7-7/8	SK	D2F	5/8	1-7/8	1/16	0			1-5/16	1/2	2-1/2	12.5
60H100QD	60	9.549	9.495		SF	C3	5/8	2	1/16	0			1-5/16	1/2	2-3/4	10.9
72H100QD	72	11.459	11.405		SF	C3	5/8	2	1/16	0			1-5/16	1/2	2-3/4	14.7
84H100QD	84	13.369	13.315		SF	C3	5/8	2	1/16	0			1-5/16	1/2	2-3/4	18.0
96H100QD	96	15.279	15.225		SF	C3	5/8	2	1/16	0			1-5/16	1/2	2-3/4	22.0
120H100QD	120	19.099	19.045		SF	C3	5/8	2	1/16	0			1-5/16	1/2	2-3/4	30.5

*Bored to suit construction (Type M) minimum plain bore only carried in stock

Weight shown is for pulley without bushing

"r" = Reverse mount only

• Maximum bore without keyway



1/2" pitch (H) stock pulley dimensions positive drive pulleys

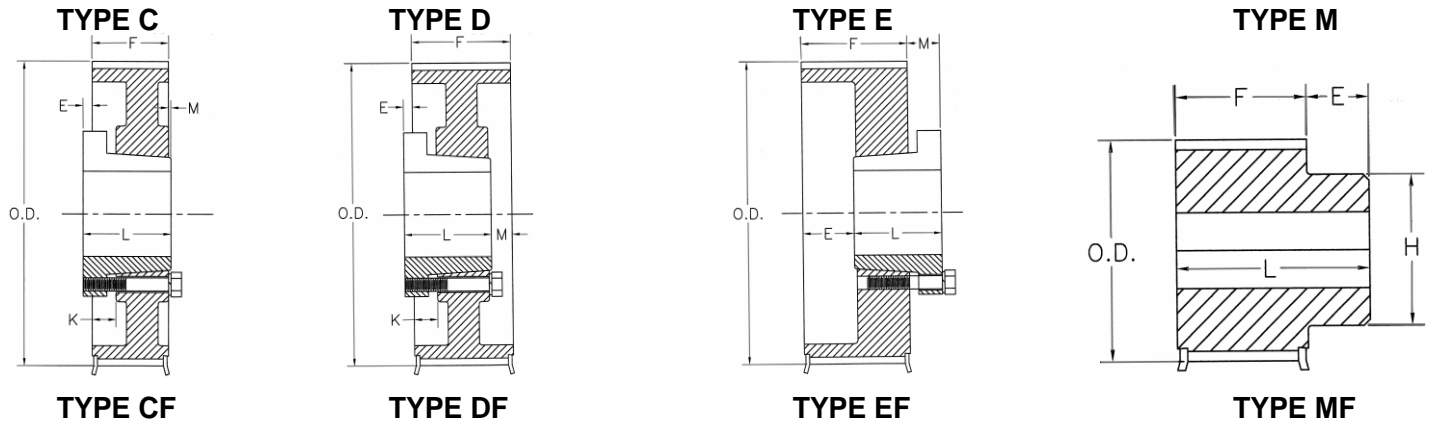
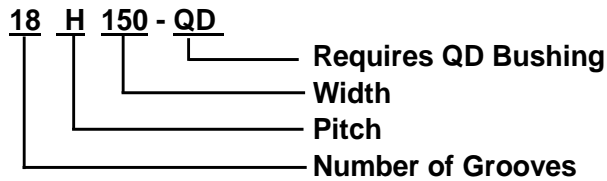


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

Part Number Explanation



FOR BELTS 1-1/2 INCH WIDE • 1/2 INCH PITCH (H150)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs □ (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max •		
14H150MPB	14	2.228	2.174	2-3/8	*	M1F	5/8	2-7/16				1-1/2	1-13/16	3/4	1	1.8
14H150QD	14	2.228	2.174	2-3/8	JAr	E1F	1-1/4	1	7/16				1-13/16	1/2	1-3/16	1.5
16H150MPB	16	2.546	2.492	2-3/4	*	M1F	3/4	2-9/16				2	1-13/16	3/4	1-1/4	2.5
16H150QD	16	2.546	2.492	2-3/4	JAr	E1F	1-1/4	1	7/16				1-13/16	1/2	1-3/16	2.0
17H150MPB	17	2.706	2.652	3	*	M1F	3/4	2-9/16				2	1-13/16	3/4	1-1/4	2.8
18H150MPB	18	2.865	2.811	3-1/4	*	M1F	3/4	2-9/16				2-1/4	1-13/16	3/4	1-1/2	3.3
18H150QD	18	2.865	2.811	3-1/4	SHr	E1F	1-1/16	1-1/4	1/2				1-13/16	1/2	1-5/8	1.3
19H150MPB	19	3.024	2.970	3-1/4	*	M1F	7/8	2-5/8				2-1/4	1-13/16	3/4	1-9/16	3.9
20H150MPB	20	3.183	3.129	3-5/16	*	M1F	7/8	2-11/16				2-1/2	1-13/16	3/4	1-5/8	4.3
20H150QD	20	3.183	3.129	3-5/16	SHr	E1F	1-1/16	1-1/4	1/2				1-13/16	1/2	1-5/8	1.8
21H150MPB	21	3.342	3.288	3-9/16	*	M1F	15/16	2-3/4				2-1/2	1-13/16	3/4	1-11/16	5.3
22H150MPB	22	3.501	3.447	3-3/4	*	M1F	1	2-13/16				2-7/8	1-13/16	3/4	1-7/8	5.4
22H150QD	22	3.501	3.447	3-3/4	SDr	E1F	9/16	1-13/16	9/16				1-13/16	1/2	1-15/16	2.0
24H150MPB	24	3.820	3.766	4	*	M1F	1	2-13/16				3-1/8	1-13/16	3/4	2-1/8	6.5
24H150QD	24	3.820	3.766	4	SDr	E1F	9/16	1-13/16					1-13/16	1/2	1-15/16	2.6
26H150MPB	26	4.138	4.084	4-3/8	*	M1F	1	2-13/16				3-1/2	1-13/16	3/4	2-1/2	8.4
26H150QD	26	4.138	4.084	4-3/8	SD	D1F	1/16	1-13/16	1/16	1/2			1-13/16	1/2	1-15/16	3.0
28H150MPB	28	4.456	4.402	4-11/16	*	M1F	1-1/8	2-15/16				3-5/8	1-13/16	3/4	2-5/8	9.3
28H150QD	28	4.456	4.402	4-11/16	SD	D1F	1/16	1-13/16	1/16	1/2			1-13/16	1/2	1-15/16	4.0
30H150QD	30	4.775	4.721	5	SD	D1F	1/16	1-13/16	1/16	1/2			1-13/16	1/2	1-15/16	4.9
32H150QD	32	5.093	5.039	5-5/16	SK	C1F	1/16	1-7/8	0	9/16			1-13/16	1/2	2-1/2	5.8
36H150QD	36	5.730	5.678	5-61/64	SK	C1F	1/16	1-7/8	0	9/16			1-13/16	1/2	2-1/2	7.0
40H150QD	40	6.366	6.312	6-9/16	SK	C1F	1/16	1-7/8	0	9/16			1-13/16	1/2	2-1/2	9.2
44H150QD	44	7.003	6.953	7-1/4	SK	C1F	1/16	1-7/8	0	9/16			1-13/16	1/2	2-1/2	11.0
48H150QD	48	7.639	7.585	7-7/8	SK	C2F	1/16	1-7/8	0	9/16			1-13/16	1/2	2-1/2	13.7
60H150QD	60	9.549	9.495		SF	D3	3/8	2	3/16	1/4			1-13/16	1/2	2-3/4	12.5
72H150QD	72	11.459	11.405		SF	D3	3/8	2	3/16	1/4			1-13/16	1/2	2-3/4	16.7
84H150QD	84	13.369	13.315		SF	D3	3/8	2	3/16	1/4			1-13/16	1/2	2-3/4	20.8
96H150QD	96	15.279	15.225		SF	D3	3/8	2	3/16	1/4			1-13/16	1/2	2-3/4	25.0
120H150QD	120	19.099	19.045		SF	D3	3/8	2	3/16	1/4			1-13/16	1/2	2-3/4	34.5

*Bored to suit construction (Type M) minimum plain bore only carried in stock

Weight shown is for pulley without bushing

"r" = Reverse mount only

• Maximum bore without keyway



1/2" pitch (H) stock pulley dimensions positive drive pulleys

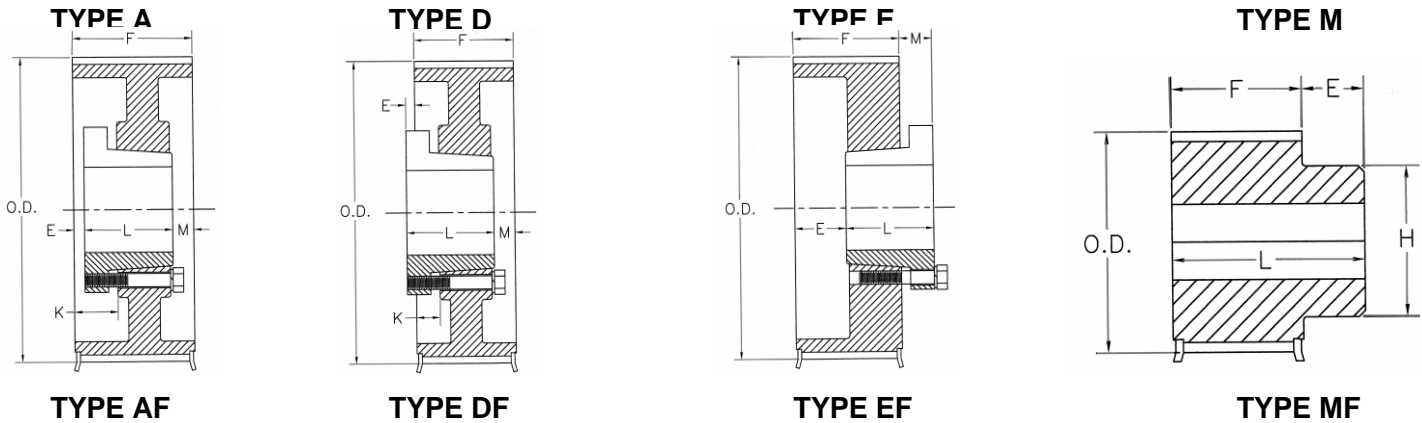
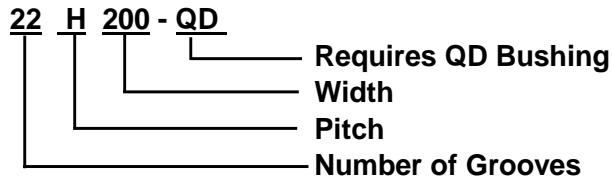


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

Part Number Explanation



FOR BELTS 2 INCH WIDE • 1/2 INCH PITCH (H200)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs □ (Approx.)
			Pulley	Flange			E	L	M	K	H	F	Min	Max •	
14H200MPB	14	2.228	2.174	2-3/8	*	M1F	5/8	2-31/32			1-1/2	2-11/32	3/4	1	2.2
14H200QD	14	2.228	2.174	2-3/8	JAr	E1F	1-25/32	1	7/16			2-11/32	5/8	1-3/16	2.0
16H200MPB	16	2.546	2.492	2-3/4	*	M1F	3/4	3-3/32			2	2-11/32	3/4	1-1/4	3.1
16H200QD	16	2.546	2.492	2-3/4	JAr	E1F	1-25/32	1	7/16			2-11/32	5/8	1-3/16	2.6
17H200MPB	17	2.706	2.652	3	*	M1F	3/4	3-3/32			2	2-11/32	3/4	1-1/4	3.4
18H200MPB	18	2.865	2.811	3-1/4	*	M1F	3/4	3-3/32			2-1/4	2-11/32	3/4	1-1/2	3.7
18H200QD	18	2.865	2.811	3-1/4	SHr	E1F	1-19/32	1-1/4	1/2			2-11/32	1/2	1-5/8	1.6
19H200MPB	19	3.024	2.970	3-1/4	*	M1F	7/8	3-5/32			2-1/4	2-11/32	3/4	1-9/16	3.9
20H200MPB	20	3.183	3.129	3-5/16	*	M1F	7/8	3-5/32			2-1/2	2-11/32	3/4	1-5/8	4.9
20H200QD	20	3.183	3.129	3-5/16	SHr	E1F	1-19/32	1-1/4	1/2			2-11/32	1/2	1-5/8	2.2
21H200MPB	21	3.342	3.288	3-9/16	*	M1F	7/8	3-5/32			2-1/4	2-11/32	1	1-11/16	6.1
22H200MPB	22	3.501	3.447	3-3/4	*	M1F	1	3-11/32			2-7/8	2-11/32	1	1-7/8	6.3
22H200QD	22	3.501	3.447	3-3/4	SDr	E1F	1-3/32	1-13/16	9/16			2-11/32	1/2	1-15/16	2.5
24H200MPB	24	3.820	3.766	4	*	M1F	1	3-11/32			3-1/8	2-11/32	1	2-1/8	7.5
24H200QD	24	3.820	3.766	4	SDr	E1F	1-3/32	1-13/16	9/16			2-11/32	1/2	1-15/16	3.0
26H200MPB	26	4.138	4.084	4-3/8	*	M1F	1-1/8	3-15/32			3-1/2	2-11/32	1	2-1/2	9.5
26H200QD	26	4.138	4.084	4-3/8	SD	A1F	1/16	1-13/16	15/32	5/8		2-11/32	1/2	1-15/16	3.9
28H200MPB	28	4.456	4.402	4-11/16	*	M1F	1-1/8	3-15/32			3-5/8	2-11/32	1	2-5/8	11.0
28H200QD	28	4.456	4.402	4-11/16	SD	A1F	1/16	1-13/16	15/32	5/8		2-11/32	1/2	1-15/16	4.7
30H200QD	30	4.775	4.721	5	SD	D1F	1/16	1-13/16	19/32	1/2		2-11/32	1/2	1-15/16	5.7
32H200QD	32	5.093	5.039	5-5/16	SK	D1F	1/8	1-7/8	19/32	1/2		2-11/32	1/2	2-1/2	6.7
36H200QD	36	5.730	5.678	5-61/64	SK	D1F	1/8	1-7/8	19/32	1/2		2-11/32	1/2	2-1/2	8.0
40H200QD	40	6.366	6.312	6-9/16	SK	D1F	1/8	1-7/8	19/32	1/2		2-11/32	1/2	2-1/2	10.2
44H200QD	44	7.003	6.953	7-1/4	SK	D1F	1/8	1-7/8	19/32	1/2		2-11/32	1/2	2-1/2	12.5
48H200QD	48	7.639	7.585	7-7/8	SF	D1F	1/8	2	15/32	1/2		2-11/32	1/2	2-3/4	14.1
60H200QD	60	9.549	9.495		SF	D3	1/8	2	15/32	1/2		2-11/32	1/2	2-3/4	14.6
72H200QD	72	11.459	11.405		SF	D3	1/8	2	15/32	1/2		2-11/32	1/2	2-3/4	19.4
84H200QD	84	13.369	13.315		SF	D3	1/8	2	15/32	1/2		2-11/32	1/2	2-3/4	24.2
96H200QD	96	15.279	15.225		E	D3	3/8	2-5/8	3/32	1/2		2-11/32	7/8	3-7/16	32.0
120H200QD	120	19.099	19.045		E	D3	3/8	2-5/8	3/32	1/2		2-11/32	7/8	3-7/16	43.0

*Bored to suit construction (Type M) minimum plain bore only carried in stock

Weight shown is for pulley without bushing

"r" = Reverse mount only

• Maximum bore without keyway



1/2" pitch (H) stock pulley dimensions positive drive pulleys

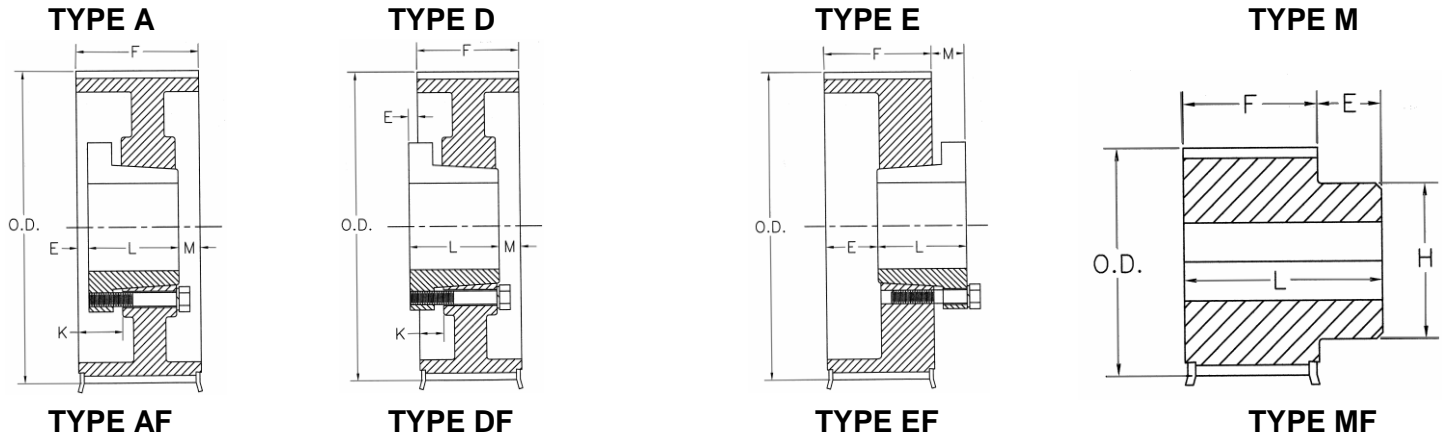
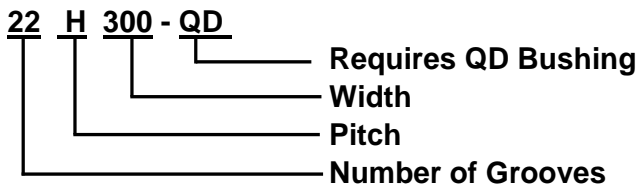


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

Part Number Explanation



FOR BELTS 3 INCH WIDE • 1/2 INCH PITCH (H300)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs □ (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max •		
16H300MPB	16	2.546	2.492	2-3/4	*	M1F	3/4	4-1/8				2	3-3/8	3/4	1-1/4	4.2
17H300MPB	17	2.706	2.652	3	*	M1F	3/4	4-1/8				2	3-3/8	3/4	1-1/4	4.3
18H300MPB	18	2.865	2.811	3-1/4	*	M1F	3/4	4-1/8				2-1/4	3-3/8	3/4	1-1/2	4.4
19H300MPB	19	3.024	2.970	3-1/4	*	M1F	7/8	4-1/4				2-1/4	3-3/8	3/4	1-9/16	5.0
20H300MPB	20	3.183	3.129	3-5/16	*	M1F	7/8	4-1/4				2-1/2	3-3/8	3/4	1-5/8	7.4
21H300MPB	21	3.342	3.288	3-9/16	*	M1F	15/16	4-15/16				2-1/2	3-3/8	1	1-5/8	8.2
22H300MPB	22	3.501	3.447	3-3/4	*	M1F	1	4-3/8				2-7/8	3-3/8	1-1/8	1-7/8	8.7
22H300QD	22	3.501	3.447	3-3/4	SDr	E1F	2-1/8	1-13/16	9/16				3-3/8	1/2	1-15/16	4.1
24H300MPB	24	3.820	3.766	4	*	M1F	1	4-3/8				3-1/8	3-3/8	1-1/8	2-1/8	10.0
24H300QD	24	3.820	3.766	4	SDr	E1F	2-1/8	1-13/16	9/16				3-3/8	1/2	1-15/16	4.1
26H300MPB	26	4.138	4.084	4-3/8	*	M1F	1-1/8	4-1/2				3-1/2	3-3/8	1-1/8	2-1/2	12.3
26H300QD	26	4.138	4.084	4-3/8	SD	A1F	1/16	1-13/16	1-1/2	5/8			3-3/8	1/2	1-15/16	5.0
28H300MPB	28	4.456	4.402	4-11/16	*	M1F	1-1/8	4-1/2				3-5/8	3-3/8	1-1/8	2-5/8	15.0
28H300QD	28	4.456	4.402	4-11/16	SD	A1F	1/16	1-13/16	1-1/2	5/8			3-3/8	1/2	1-15/16	6.0
30H300QD	30	4.775	4.721	5	SD	A1F	7/16	1-13/16	1-1/8	1			3-3/8	1/2	1-15/16	7.2
32H300QD	32	5.093	5.039	5-5/16	SK	A1F	3/8	1-7/8	1-1/8	1			3-3/8	1/2	2-1/2	8.4
36H300QD	36	5.730	5.678	5-61/64	SK	A1F	3/8	1-7/8	1-1/8	1			3-3/8	1/2	2-1/2	10.0
40H300QD	40	6.366	6.312	6-9/16	SK	A1F	3/8	1-7/8	1-1/8	1			3-3/8	1/2	2-1/2	12.2
44H300QD	44	7.003	6.953	7-1/4	SK	A1F	3/8	1-7/8	1-1/8	1			3-3/8	1/2	2-1/2	15.5
48H300QD	48	7.639	7.585	7-7/8	SF	A1F	3/8	2	1	1			3-3/8	1/2	2-3/4	16.6
60H300QD	60	9.549	9.495		SF	A3	3/8	2	1	1			3-3/8	1/2	2-3/4	17.9
72H300QD	72	11.459	11.405		SF	A3	3/8	2	1	1			3-3/8	1/2	2-3/4	23.5
84H300QD	84	13.369	13.315		SF	A3	3/8	2	1	1			3-3/8	1/2	2-3/4	29.0
96H300QD	96	15.279	15.225		E	D3	1/8	2-5/8	7/8	3/4			3-3/8	7/8	3-7/16	38.0
120H300QD	120	19.099	19.045		E	D3	1/8	2-5/8	7/8	3/4			3-3/8	7/8	3-7/16	51.0

*Bored to suit construction (Type M) minimum plain bore only carried in stock Weight shown is for pulley without bushing
"r" = Reverse mount only • Maximum bore without keyway



7/8" pitch (XH) stock pulley dimensions positive drive pulleys

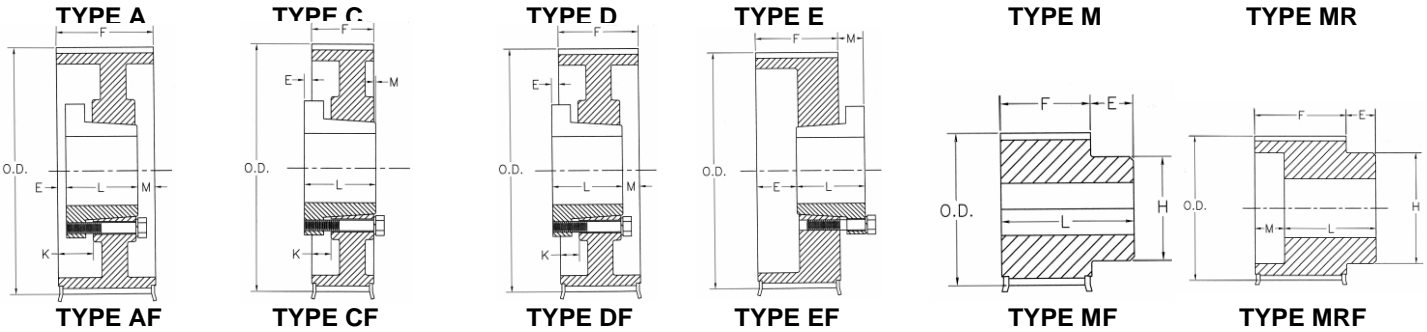


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

FOR BELTS 2 INCH WIDE • 7/8 INCH PITCH (XH200)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs □ (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max *		
18XH200MPB	18	5.013	4.903	5-1/2	*	M1F	7/8	3-7/16				3-11/16	2-9/16	1	2-5/8	9
18XH200QD	18	5.013	4.903	5-1/2	SKr	E1F	1-5/16	1-7/8	5/8			4-1/8	2-9/16	1/2	2-1/2	9
20XH200MPB	20	5.570	5.460	6-1/8	*	M1F	1	3-9/16					2-9/16	1	3-1/4	10
20XH200QD	20	5.570	5.460	6-1/8	SK	A1F	1/32	1-7/8	21/32	21/32			2-9/16	1/2	2-1/2	10
22XH200QD	22	6.127	6.017	6-21/32	SK	A1F	1/32	1-7/8	21/32	21/32			2-9/16	1/2	2-1/2	13
24XH200QD	24	6.685	6.575	7-7/32	SF	A1F	1/32	2	17/32	21/32			2-9/16	1/2	2-3/4	15
26XH200QD	26	7.241	7.131	7-25/32	SF	A1F	1/32	2	17/32	21/32			2-9/16	1/2	2-3/4	18
28XH200QD	28	7.799	7.689	8-11/32	E	D1F	13/32	2-5/8	11/32	15/32			2-9/16	7/8	3-7/16	24
30XH200QD	30	8.356	8.246	8.91	E	D1F	7/16	2-5/8	3/8	15/32			2-9/16	7/8	3-7/16	28
32XH200QD	32	8.913	8.803	9-7/16	E	D1F	13/32	2-5/8	11/32	15/32			2-9/16	7/8	3-7/16	31
36XH200QD	36	10.027	9.917	10.62	E	D2F	7/16	2-5/8	3/8	15/32			2-9/16	7/8	3-7/16	33
40XH200QD	40	11.141	11.031	11.71	F	C2F	1-1/32	3-5/8	1-3/2	1/32			2-9/16	1	3-15/16	51
48XH200QD	48	13.369	13.259		F	C2	1-1/32	3-5/8	1/32	1/32			2-9/16	1	3-15/16	58
60XH200QD	60	16.711	16.601		F	C3	1-1/32	3-5/8	1/32	1/32			2-9/16	1	3-15/16	59
72XH200QD	72	20.054	19.944		F	C3	1-1/32	3-5/8	1/32	1/32			2-9/16	1	3-15/16	70
84XH200QD	84	23.396	23.286		F	C3	1-1/32	3-5/8	1/32	1/32			2-9/16	1	3-13/16	79
96XH200QD	96	26.738	26.628		F	C3	1-1/32	3-5/8	1/32	1/32			2-9/16	1	3-13/16	94
120XH200QD	120	33.423	33.313		F	C3	1-1/32	3-5/8	1/32	1/32			2-9/16	1	3-13/16	118

FOR BELTS 3 INCH WIDE • 7/8 INCH PITCH (XH300)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs □ (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max *		
18XH300MPB	18	5.013	4.903	5-1/2	*	MRF	7/8	3-3/4	3/4			3-11/16	3-5/8	1	2-5/8	11
18XH300QD	18	5.013	4.903	5.56	SK	E1F	2-15/32	1-7/8	23/32			4-1/8	3-5/8	1/2	2-1/2	11
20XH300MPB	20	5.570	5.460	6-1/8	*	MRF	7/8	3-3/4	3/4				3-5/8	1	3-1/4	12
20XH300QD	20	5.570	5.460	6-1/8	SK	A1F	9/16	1-7/8	1-3/16	1-3/16			3-5/8	1/2	2-1/2	12
22XH300QD	22	6.127	6.017	6.66	SK	A1F	15/32	1-7/8	1-9/32	1-3/16			3-5/8	1/2	2-1/2	16
24XH300QD	24	6.685	6.575	7.22	SF	A1F	1/2	2	1-1/8	1-3/16			3-5/8	1/2	2-3/4	19
26XH300QD	26	7.241	7.131	7-25/32	SF	A1F	9/16	2	1-1/16	1-3/16			3-5/8	1/2	2-3/4	22
28XH300QD	28	7.799	7.689	8-11/32	E	A1F	1/8	2-5/8	7/8	1			3-5/8	7/8	3-7/16	27
30XH300QD	30	8.356	8.246	8-29/32	E	A1F	1/8	2-5/8	7/8	1			3-5/8	7/8	3-7/16	33
32XH300QD	32	8.913	8.803	9.44	E	A1F	3/32	2-5/8	29/32	1			3-5/8	7/8	3-7/16	36
40XH300QD	40	11.141	11.031	11.71	F	D2F	1/2	3-5/8	1/2	9/16			3-5/8	1	3-15/16	63
48XH300QD	48	13.369	13.259		F	D2	1/2	3-5/8	1/2	9/16			3-5/8	1	3-15/16	65
60XH300QD	60	16.711	16.601		F	D3	1/2	3-5/8	1/2	9/16			3-5/8	1	3-15/16	70
72XH300QD	72	20.054	19.944		J	D3	1-1/32	4-1/2	5/32	7/32			3-5/8	1-7/16	4-7/16	95
84XH300QD	84	23.369	23.286		J	D3	1-1/32	4-1/2	5/32	7/32			3-5/8	1-7/16	4-7/16	108
96XH300QD	96	26.738	26.628		J	D3	1-1/32	4-1/2	5/32	7/32			3-5/8	1-7/16	4-7/16	122
120XH300QD	120	33.423	33.313		J	D3	1-1/32	4-1/2	5/32	7/32			3-5/8	1-7/16	4-7/16	158

FOR BELTS 4 INCH WIDE • 7/8 INCH PITCH (XH400)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs □ (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max *		
18XH400MPB	18	5.013	4.903	4.903	*	MRF	7/8	4	1-9/16			3-11/16	4-11/16	1	2-5/8	19
20XH400QD	20	5.570	5.460	5.460	SK	A1F	15/32	1-7/8	2-11/32	1-3/16			4-11/16	1/2	2-1/2	15
22XH400QD	22	6.127	6.017	6.017	SK	A1F	15/32	1-7/8	2-11/32	1-3/16			4-11/16	1/2	2-1/2	19
24XH400QD	24	6.685	6.575	6.575	SF	A1F	1/2	2	2-3/16	1-3/16			4-11/16	1/2	2-3/4	22
26XH400QD	26	7.241	7.131	7.131	SF	A1F	1/2	2	2-3/16	1-3/16			4-11/16	1/2	2-3/4	26
28XH400QD	28	7.799	7.689	7.689	E	A1F	5/8	2-5/8	1-7/16	1-17/32			4-11/16	7/8	3-7/16	31
30XH400QD	30	8.356	8.246	8.246	E	A1F	5/8	2-5/8	1-7/16	1-17/32			4-11/16	7/8	3-7/16	37
32XH400QD	32	8.913	8.803	8.803	E	A1F	5/8	2-5/8	1-7/16	1-17/32			4-11/16	7/8	3-7/16	42
40XH400QD	40	11.141	11.031	11.71	F	A1F	1/32	3-5/8	1-1/32	1-3/32			4-11/16	1	3-15/16	68
48XH400QD	48	13.369	13.259		J	D2	1/2	4-1/2	11/16	3/4			4-11/16	1-7/16	4-7/16	85
60XH400QD	60	16.711	16.601		J	D3	1/2	4-1/2	11/16	3/4			4-11/16	1-7/16	4-7/16	94
72XH400QD	72	20.054	19.944		J	D3	1/2	4-1/2	11/16	3/4			4-11/16	1-7/16	4-7/16	109
84XH400QD	84	23.396	23.286		J	D3	1/2	4-1/2	11/16	3/4			4-11/16	1-7/16	4-7/16	123
96XH400QD	96	26.738	26.628		J	D3	1/2	4-1/2	11/16	3/4			4-11/16	1-7/16	4-7/16	146
120XH400QD	120	33.423	33.313		J	D3	1/2	4-1/2	11/16	3/4			4-11/16	1-7/16	4-7/16	181

*Bored to suit construction (Type M) minimum plain bore only carried in stock

Weight shown is for pulley with bushing

USEFUL ENGINEERING FORMULAS

Horsepower

Horsepower (HP) is the rate of doing work. One HP is equal to raising 33,000 pounds one foot in one minute.

$$HP = \frac{\text{Force} \times \text{FPM}}{33,000}$$

$$HP = \frac{\text{Torque (in Inch-Pounds)} \times \text{RPM}}{63,025}$$

$$HP = \frac{\text{Torque (in Foot-Pounds)} \times \text{RPM}}{5,252}$$

Torque

Torque (T) is a turning movement or twisting effort.

$$T \text{ (in Inch-Pounds)} = \frac{63,025 \times \text{HP}}{\text{RPM}}$$

$$= \text{Force} \times \text{Lever Arm (in Inches)}$$

$$T \text{ (in Foot-Pounds)} = \frac{5,252 \times \text{HP}}{\text{RPM}}$$

$$= \text{Force} \times \text{Lever Arm (in Feet)}$$

Belt Speed

$$\text{FPM} = \text{Diameter (in.)} \times \text{RPM} \times .262$$

Revolutions Per Minute

$$\text{RPM} = \frac{\text{FPM}}{.262 \times \text{Diameter (in.)}}$$

Belt Drive Tensions

The effective tension (T_c) is the difference between the tight side tension (T_1) and the slack side tension (T_2). It is the force available for transmitting the load.

$$T_c = (T_1 - T_2) = \frac{\text{HP} \times 33,000}{\text{FPM}}$$

Belt Length

To determine the belt length to use for a V-belt drive when the center distance and sheave diameters are known:

$$L = 2C + 1.57(D + d) + \frac{(D - d)^2}{4C}$$

Flywheel Formulas

The weight of a cast iron rim (lbs.) = mean rim diameter (inches) \times rim thickness (inches) \times width of rim (inches) \times .82.

The flywheel effect, commonly referred to as WR^2 or WK^2 can be figured for any rim in lb. ft.²

$$WR^2 = \text{Weight of rim (lbs.)} \times \text{mean radius (feet)}^2$$

$$T \text{ (in Inch-Pounds)} = \frac{.039 (N_2 - N_1) (WR^2)}{t}$$

V-Belt Drive Shaft Loads

To calculate the shaft loading resulting from the minimum belt tensions required to transmit a given torque:

Minimum Belt Pull ($T_1 + T_2$) =

$$\left(\frac{2.5 - A_c}{A_c} \right) \times \left(\frac{33,000 \times \text{Design HP}}{\text{FPM}} \right)$$

The maximum belt pull will approximate 1.5 times the above value depending upon belt tensions.

Center Distance

To determine the actual center distance (C) on which a given V-belt drive will operate:

$$\text{compute } A = L - 1.57(D + d)$$

$$C = \frac{[A - h(D - d)]}{2}$$

The "h" factors are listed in the following table:

Center Distance Factor, "h"

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



8M stock sprocket dimensions high torque drives

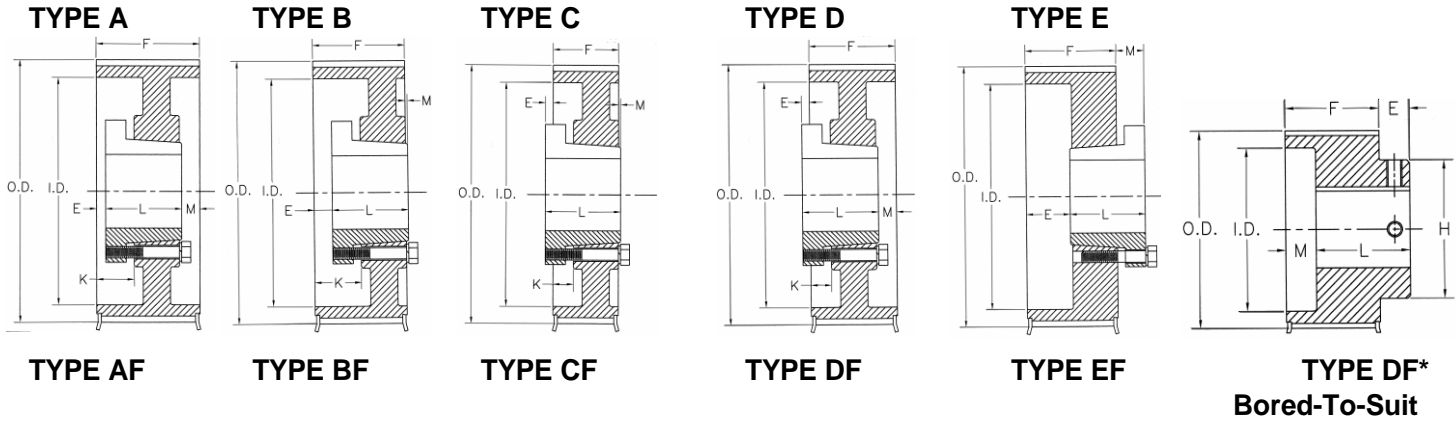


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

FOR BELTS 20MM (.79 in.) WIDE • 8MM PITCH (8M-20) FACE WIDTH (F) = 1-1/8													
SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS			TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.	
		P.D	O.D.			I.D.	E	K	L	M	MIN		MAX
			Sprocket	Flange									
P22-8M-20-MPB	22	2.206	2.152	2.56	1.34	D1F*	5/8	1-5/8	1-3/4	0	1/2*	1-3/16	1.1
P24-8M-20-JA	24	2.406	2.352	2.76	1.34	E1F	9/16	0	1	7/16	1/2	1-1/4	1.0
P26-8M-20JA	26	2.607	2.553	2.95	1.88	E1F	9/16	0	1	7/16	1/2	1-1/4	1.2
P28-8M-20-HQ	28	2.807	2.759	3.15	1.57	E1F	1/4	0	1-1/4	3/8	1/2	1-1/2	1.6
P30-8M-20-HQ	30	3.008	2.958	3.35	1.57	E1F	1/4	0	1-1/4	3/8	1/2	1-1/2	1.9
P32-8M-20-HQ	32	3.208	3.156	3.54	2.56	E1F	0	1/4	1-1/4	1/8	1/2	1-1/2	2.0
P34-8M-20-SH	34	3.409	3.355	3.82	2.75	D1F	3/16	5/16	1-1/4	1/16	1/2	1-11/16	2.0
P36-8M-20-SH	36	3.609	3.555	3.94	2.82	D1F	3/16	5/16	1-1/4	1/16	1/2	1-11/16	2.2
P38-8M-20-SH	38	3.810	3.756	4.13	3.00	D1F	3/16	5/16	1-1/4	1/16	1/2	1-11/16	2.5
P40-8M-20-SH	40	4.010	3.956	4.33	3.00	D1F	3/16	5/16	1-1/4	1/16	1/2	1-11/16	2.8
P44-8M-20-SDS	44	4.411	4.357	4.76	3.50	C1F	3/16	3/8	1-5/16	0	1/2	2	3.4
P48-8M-20-SDS	48	4.812	4.758	5.16	3.80	C1F	3/16	3/8	1-5/16	0	1/2	2	4.0
P56-8M-20-SDS	56	5.614	5.560	5.95	4.60	C1F	3/16	3/8	1-5/16	0	1/2	2	5.3
P64-8M-20-SDS	64	6.416	6.632	6.77	5.40	C1F	3/16	3/8	1-5/16	0	1/2	2	6.9
P72-8M-20-SDS	72	7.218	7.164	7.60	6.20	C2F	3/16	3/8	1-5/16	0	1/2	2	6.7
P80-8M-20-SDS	80	8.020	7.966	8.39	6.90	C2F	3/16	3/8	1-5/16	0	1/2	2	7.5
P90-8M-20-SDS	90	9.023	8.969	7.90	7.90	C3	3/16	3/8	1-5/16	0	1/2	2	8.0

FOR BELTS 30MM (1.18 in.) WIDE • 8MM PITCH (8M-30) FACE WIDTH (F) = 1-1/2													
SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS			TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.	
		P.D	O.D.			I.D.	E	K	L	M	MIN		MAX
			Sprocket	Flange									
P22-8M-30-MPB	22	2.206	2.152	2.56	1.57	D1F*	5/8	1-5/8	2-1/8	0	*1/2	1-3/16	1.5
P24-8M-30-MPB	24	2.406	2.352	2.76	1.57	D1F*	5/8	1-13/16	2-1/8	0	*1/2	1-1/4	1.9
P26-8M-30-MPB	26	2.607	2.553	2.95	1.57	D1F*	3/4	2	2-1/4	0	*1/2	1-1/4	2.4
P28-8M-30-HQ	28	2.807	2.759	3.15	1.57	E1F	5/8	0	1-1/4	3/8	1/2	1-1/2	1.8
P30-8M-30-HQ	30	3.008	2.958	3.35	1.57	E1F	5/8	0	1-1/4	3/8	1/2	1-1/2	2.2
P32-8M-30-HQ	32	3.208	3.156	3.54	2.56	B1F	0	5/8	1-1/4	1/4	1/2	1-1/2	2.0
P34-8M-30-SH	34	3.409	3.355	3.82	2.75	A1F	3/16	11/16	1-1/4	1/16	1/2	1-11/16	2.3
P36-8M-30-SH	36	3.609	3.555	3.94	2.82	A1F	3/16	11/16	1-1/4	1/16	1/2	1-11/16	2.7
P38-8M-30-SH	38	3.810	3.756	4.13	3.00	A1F	3/16	11/16	1-1/4	1/16	1/2	1-11/16	3.0
P40-8M-30-SH	40	4.010	3.956	4.33	3.00	A1F	3/16	11/16	1-1/4	1/16	1/2	1-11/16	3.3
P44-8M-30-SDS	44	4.411	4.357	4.76	3.50	B1F	3/16	3/4	1-5/16	0	1/2	2	3.8
P48-8M-30-SDS	48	4.812	4.758	5.16	3.80	B1F	3/16	3/4	1-5/16	0	1/2	2	4.5
P56-8M-30-SDS	56	5.614	5.560	5.95	4.60	B1F	3/16	3/4	1-5/16	0	1/2	2	5.9
P64-8M-30-SK	64	6.416	6.362	6.77	5.40	C1F	3/8	1/4	1-7/8	0	1/2	2-5/8	10.4
P72-8M-30-SK	72	7.218	7.164	7.60	6.20	C2F	3/8	1/4	1-7/8	0	1/2	2-5/8	10.0
P80-8M-30-SK	80	8.020	7.966	8.39	6.90	C2F	3/8	1/4	1-7/8	0	1/2	2-5/8	11.8
P90-8M-30-SK	90	9.023	8.969	7.90	7.90	C2	3/8	1/4	1-7/8	0	1/2	2-5/8	13.5
P112-8M-30-SK	112	11.229	11.175	10.00	10.00	C3	3/8	1/4	1-7/8	0	1/2	2-5/8	15.2

Weights for all FUL-GRIP bushed items are approximate and include the bushing.
FUL-GRIP is a registered trademark of Maurey Manufacturing Corporation

* Minimum plain bore with no keyway or setscrews
● Maximum Bore without Keyway



8M stock sprocket dimensions high torque drives

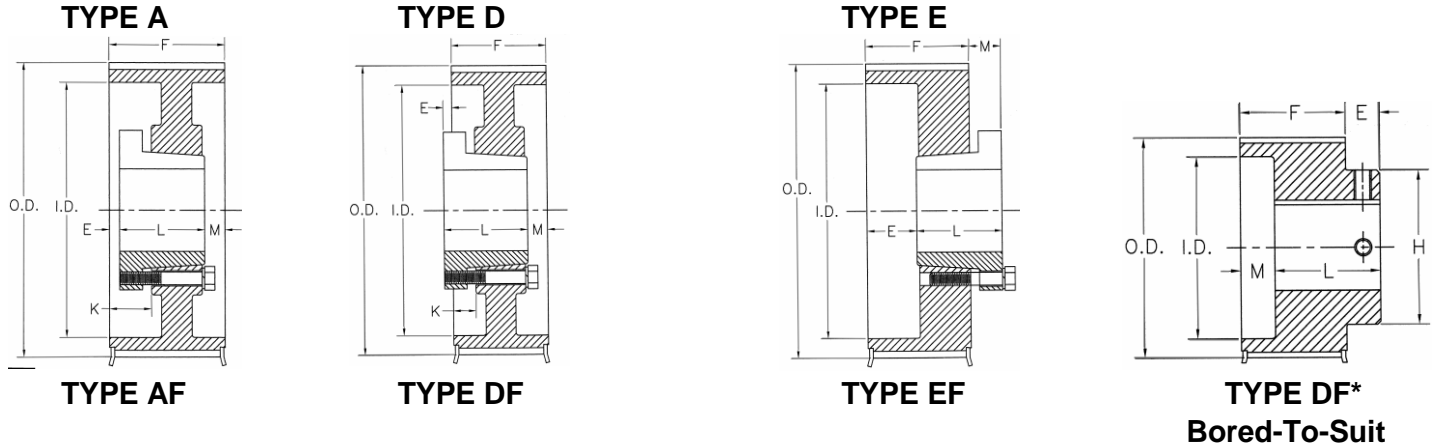


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

FOR BELTS 50MM (1.97 in.) WIDE • 8MM PITCH (8M-50) FACE WIDTH (F) = 2-3/8													
SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS				TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.
		P.D	O.D.		I.D.		E	K	L	M	MIN	MAX	
Sprocket	Flange												
P28-8M-50-MPB	28	2.807	2.759	3.15		D1F	3/4	2-9/32	3-1/8	0	*1/2	1-3/8	4.2
P30-8M-50-MPB	30	3.008	2.958	3.35		D1F	3/4	2-15/32	3-1/8	0	*1/2	1-3/8	4.9
P32-8M-50--HQ	32	3.208	3.156	3.54	2.56	E1F	0	5/8	1-1/4	1/4	1/2	1-1/2	2.5
P34-8M-50-SH	34	3.409	3.355	3.82	2.75	A1F	0	1/2	1-1/4	1-1/8	1/2	1-11/16	2.7
P36-8M-50-SH	36	3.609	3.555	3.94	2.82	A1F	0	1/2	1-1/4	1-1/8	1/2	1-11/16	3.4
P38-8M-50-SH	38	3.810	3.756	4.13	3.00	A1F	0	1/2	1-1/4	1-1/8	1/2	1-11/16	3.7
P40-8M-50-SH	40	4.010	3.956	4.33	3.00	D1F	0	1/2	1-1/4	1-1/8	1/2	1-11/16	4.2
P44-8M-50-SD	44	4.411	4.357	4.76	3.50	A1F	0	9/16	1-13/16	9/16	1/2	2	5.7
P48-8M-50-SD	48	4.812	4.758	5.16	3.80	A1F	0	9/16	1-13/16	9/16	1/2	2	6.9
P56-8M-50-SK	56	5.614	5.560	5.95	4.60	D1F	1/16	9/16	1-7/8	9/16	1/2	2-5/8	9.4
P64-8M-50-SK	64	6.416	6.362	6.77	5.40	D1F	1/16	9/16	1-7/8	9/16	1/2	2-5/8	12.0
P72-8M-50-SK	72	7.218	7.164	7.60	6.20	D1F	1/16	9/16	1-7/8	9/16	1/2	2-5/8	15.0
P80-8M-50-SF	80	8.020	7.966	8.39	6.90	D2F	1/16	9/16	2	7/16	1/2	2-15/16	17.0
P90-8M-50-SF	90	9.023	8.969		7.90	D2	1/16	9/16	2	7/16	1/2	2-15/16	19.1
P112-8M-50-SF	112	11.229	11.175		10.00	D3	1/16	9/16	2	7/16	1/2	2-15/16	23.9
P144-8M-50-E	144	14.437	14.383		13.20	D3	1/2	3/8	2-5/8	1/4	7/8	3-1/2	38.1
P192-8M-50-E	192	19.249	19.195		18.00	D3	1/2	3/8	2-5/8	1/4	7/8	3-1/2	52.5

FOR BELTS 85MM (3.35 in.) WIDE • 8MM PITCH (8M-85) FACE WIDTH (F) = 3-3/4													
SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS				TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.
		P.D	O.D.		I.D.		E	K	L	M	MIN	MAX	
Sprocket	Flange												
P34-8M-85-SH	34	3.409	3.355	3.82	2.75	A1F	1	1-1/2	1-1/4	1-1/2	1/2	1-11/16	3.5
P36-8M-85-SH	36	3.609	3.555	3.94	2.82	A1F	1	1-1/2	1-1/4	1-1/2	1/2	1-11/16	4.4
P38-8M-85-SH	38	3.810	3.756	4.13	3.00	A1F	1	1-1/2	1-1/4	1-1/2	1/2	1-11/16	4.9
P40-8M-85-SD	40	4.010	3.956	4.33	3.25	A1F	11/16	1-1/4	1-13/16	1-1/4	1/2	2	5.6
P44-8M-85-SD	44	4.411	4.357	4.76	3.50	A1F	11/16	1-1/4	1-13/16	1-1/4	1/2	2	7.1
P48-8M-85-SD	48	4.812	4.758	5.16	3.80	A1F	11/16	1-1/4	1-13/16	1-1/4	1/2	2	8.7
P56-8M-85-SK	56	5.614	5.560	5.95	4.60	A1F	5/8	1-1/4	1-7/8	1-1/4	1/2	2-5/8	11.6
P64-8M-85-SF	64	6.416	6.362	6.77	5.40	A1F	5/8	1-1/4	1-7/8	1-1/4	1/2	2-5/8	14.6
P72-8M-85-E	72	7.218	7.164	7.60	6.19	A1F	5/32	1-1/16	2-5/8	31/32	7/8	3-1/2	24.0
P80-8M-85-E	80	8.020	7.966	8.39	6.90	A2F	5/8	1-1/4	2	1-1/8	1/2	2-15/16	29.1
P90-8M-85-SF	90	9.023	8.969		7.90	A2	5/8	1-1/4	2	1-1/8	1/2	2-15/16	35.5
P112-8M-85-F	112	11.229	11.175		10.00	A3	5/8	1-1/4	2	1-1/8	1/2	2-15/16	70.5
P144-8M-85-F	144	14.437	14.383		13.20	A3	3/16	1-1/16	2-5/8	15/16	7/8	3-1/2	64.5
P192-8M-85-F	192	19.249	19.195		18.00	A3	3/16	1-1/16	2-5/8	15/16	7/8	3-1/2	78.1

Weights for all FUL-GRIP bushed items are approximate and include the bushing.
FUL-GRIP is a registered trademark of Maurey Manufacturing Corporation

* Min. plain bore with no keyway or setscrews
● Maximum Bore without Keyway



14M stock sprocket dimensions high torque drives

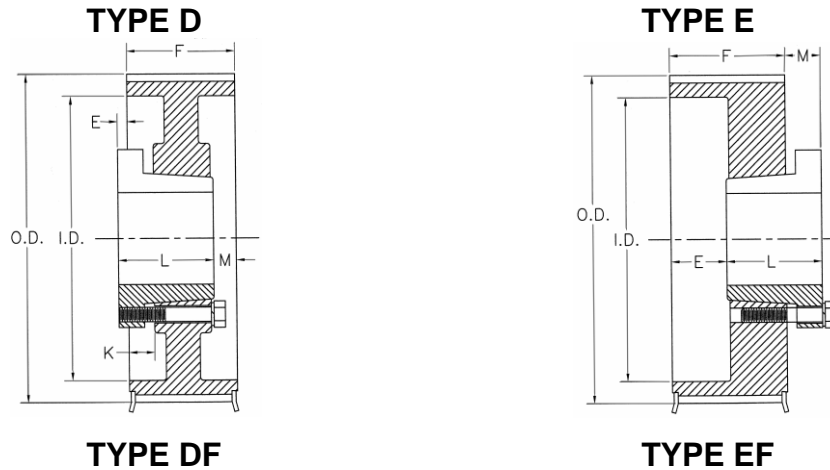
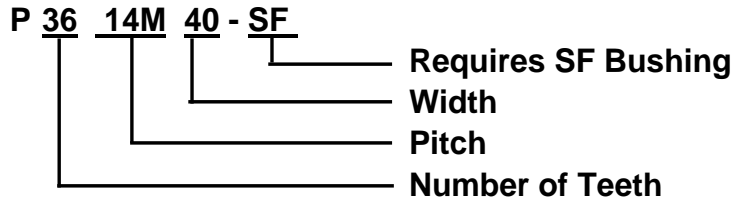


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

Part Number Explanation



FOR BELTS 40MM (1.57 in.) WIDE • 14MM PITCH (14M-40) FACE WIDTH (F)=2-1/8

SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS				TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.
		P.D	O.D.		I.D.		E	K	L	M	MIN	MAX	
			Sprocket	Flange									
P28-14M-40-SK	28	4.912	4.802	5.56	3.12	E1F	7/8	0	1-7/8	5/8	1/2	2-5/8	7.2
P29-14M-40-SK	29	5.088	4.978	5.56	3.12	E1F	7/8	0	1-7/8	5/8	1/2	2-5/8	7.9
P30-14M-40-SK	30	5.263	5.153	5.56	3.92	D1F	3/16	7/16	1-7/8	7/16	1/2	2-5/8	7.6
P32-14M-40-SK	32	5.614	5.504	6.09	3.92	D1F	3/16	7/16	1-7/8	7/16	1/2	2-5/8	9.2
P34-14M-40-SK	34	5.965	5.855	6.50	4.06	D1F	3/16	7/16	1-7/8	7/16	1/2	2-5/8	10.6
P36-14M-40-SF	36	6.316	6.206	6.87	4.84	D1F	3/16	7/16	2	5/16	1/2	2-5/16	11.9
P38-14M-40-SF	38	6.667	6.557	7.22	4.94	D1F	3/16	7/16	2	5/16	1/2	2-5/16	13.3
P40-14M-40-SF	40	7.018	6.908	7.50	5.06	D1F	3/16	7/16	2	5/16	1/2	2-5/16	15.1
P44-14M-40-E	44	7.720	7.610	8.34	6.12	D1F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	21.7
P48-14M-40-E	48	8.421	8.311	8.90	6.50	D1F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	25.9
P52-14M-40-E	52	9.123	9.013	9.68	7.18	D1F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	30.0
P56-14M-40-E	56	9.825	9.715	10.38	7.88	D1F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	34.6
P60-14M-40-E	60	10.527	10.417	11.06	8.50	D1F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	39.4
P64-14M-40-E	64	11.229	11.119	11.68	9.25	D2F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	35.7
P68-14M-40-E	68	11.930	11.820	12.50	10.00	D2F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	38.0
P72-14M-40-E	72	12.632	12.522	13.19	10.69	D2F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	36.8
P80-14M-40-E	80	14.036	13.926	14.63	12.13	D2F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	41.1
P90-14M-40-E	90	15.790	15.680		14.50	D3	5/8	1/4	2-5/8	1/8	7/8	3-1/2	42.9
P112-14M-40-E	112	19.650	19.540		18.38	D3	5/8	1/4	2-5/8	1/8	7/8	3-1/2	53.8
P144-14M-40-E	144	25.264	25.154		23.88	D3	5/8	1/4	2-5/8	1/8	7/8	3-1/2	80.9

Weights for all FUL-GRIP bushed items are approximate and include the bushing. * Min plain bore with no keyway or setscrews
FUL-GRIP is a registered trademark of Maurey Manufacturing Corporation



14M stock sprocket dimensions high torque drives

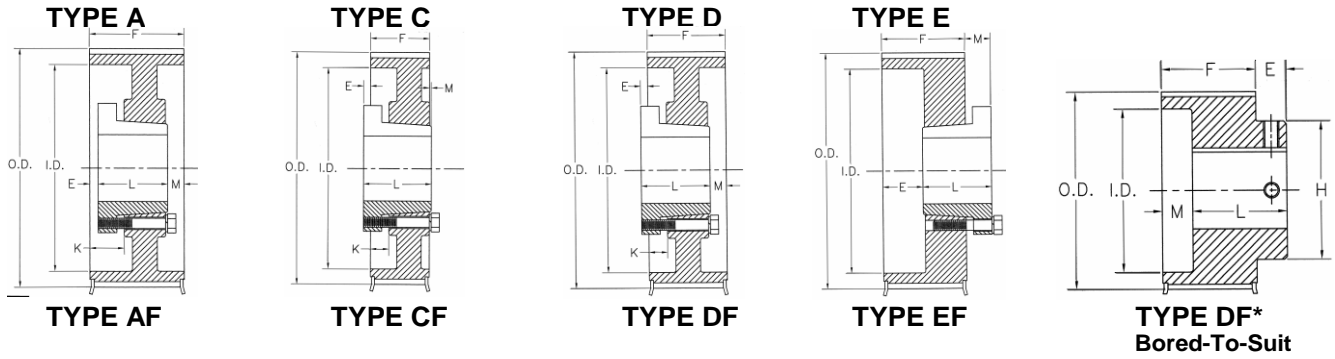


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

FOR BELTS 55MM (2.17 in.) WIDE • 14MM PITCH (14M-55) FACE WIDTH (F) = 2-3/4													
SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS				TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.
		P.D	O.D.		I.D.		E	K	L	M	MIN	MAX	
			Sprocket	Flange									
P28-14M-55-SK	28	4.912	4.802	5.56	3.12	E1F	1-1/2	0	1-7/8	5/8	1/2	2-5/8	8.5
P29-14M-55-SK	29	5.088	4.978	5.56	3.12	E1F	1-1/2	0	1-7/8	5/8	1/2	2-5/8	9.5
P30-14M-55-SK	30	5.263	5.153	6.09	3.92	A1F	1/8	3/4	1-7/8	3/4	1/2	2-5/8	8.7
P32-14M-55-SK	32	5.614	5.504	6.09	3.92	A1F	1/8	3/4	1-7/8	3/4	1/2	2-5/8	10.7
P34-14M-55-SK	34	5.965	5.855	6.50	4.06	A1F	1/8	3/4	1-7/8	3/4	1/2	2-5/8	12.5
P36-14M-55-SF	36	6.316	6.206	6.87	4.84	A1F	1/8	3/4	2	5/8	1/2	2-15/16	13.6
P38-14M-55-SF	38	6.667	6.557	7.22	4.94	A1F	1/8	3/4	2	5/8	1/2	2-15/16	15.2
P40-14M-55-SF	40	7.018	6.908	7.50	5.06	A1F	1/8	3/4	2	5/8	1/2	2-15/16	17.4
P44-14M-55-E	44	7.720	7.610	8.34	6.12	D1F	5/16	9/16	2-5/8	7/16	7/8	3-1/2	23.8
P48-14M-55-E	48	8.421	8.311	8.90	6.50	D1F	5/16	9/16	2-5/8	7/16	7/8	3-1/2	28.8
P52-14M-55-E	52	9.123	9.013	9.68	7.18	D1F	5/16	9/16	2-5/8	7/16	7/8	3-1/2	33.2
P56-14M-55-E	56	9.825	9.715	10.38	7.88	D1F	5/16	9/16	2-5/8	7/16	7/8	3-1/2	38.0
P60-14M-55-E	60	10.527	10.417	11.06	8.50	D1F	5/16	9/16	2-5/8	7/16	7/8	3-1/2	43.3
P64-14M-55-F	64	11.229	11.119	11.68	9.25	D1F	7/8	1/8	3-5/8	0	1	4	62.6
P68-14M-55-F	68	11.930	11.820	12.50	10.00	D2F	7/8	1/8	3-5/8	0	1	4	54.5
P72-14M-55-F	72	12.632	12.522	13.19	10.69	D2F	7/8	1/8	3-5/8	0	1	4	58.0
P80-14M-55-F	80	14.036	13.926	14.63	12.13	D2F	7/8	1/8	3-5/8	0	1	4	61.9
P90-14M-55-F	90	15.790	15.680		14.50	D3	7/8	1/8	3-5/8	0	1	4	58.1
P112-14M-55-F	112	19.650	19.540		18.38	D3	7/8	1/8	3-5/8	0	1	4	72.2
P144-14M-55-F	144	25.264	25.154		23.88	D3	7/8	1/8	3-5/8	0	1	4	106.3
P168-14M-55-F	168	29.475	29.365		28.25	D3	7/8	1/8	3-5/8	0	1	4	110.2
P192-14M-55-F	192	33.686	33.576		32.38	D3	7/8	1/8	3-5/8	0	1	4	133.2
P216-14M-55-F	216	37.896	37.786		36.62	D3	7/8	1/8	3-5/8	0	1	4	161.6

FOR BELTS 85MM (3.35 in.) WIDE • 14MM PITCH (14M-85) FACE WIDTH (F) = 4													
SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS				TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.
		P.D	O.D.		I.D.		E	K	L	M	MIN	MAX	
			Sprocket	Flange									
P28-14M-85-MPB	28	4.912	4.802	5.56	3.12	D1F*	1	3-11/16	4	1	*1-1/4	2-11/16	16.1
P29-14M-85-MPB	29	5.088	4.978	5.56	3.12	D1F*	1	3-11/16	4	1	*1-1/4	2-11/16	17.5
P30-14M-85-SK	30	5.263	5.153	5.56	3.92	A1F	3/4	1-3/8	1-7/8	1-3/8	1/2	2-5/8	10.8
P32-14M-85-SK	32	5.614	5.504	6.09	3.92	A1F	3/4	1-3/8	1-7/8	1-3/8	1/2	2-5/8	13.7
P34-14M-85-SK	34	5.965	5.855	6.50	4.06	A1F	3/4	1-3/8	1-7/8	1-3/8	1/2	2-5/8	16.2
P36-14M-85-SF	36	6.316	6.206	6.87	4.84	A1F	3/4	1-3/8	2	1-1/4	1/2	2-15/16	16.9
P38-14M-85-SF	38	6.667	6.557	7.22	4.94	A1F	3/4	1-3/8	2	1-1/4	1/2	2-15/16	19.1
P40-14M-85-SF	40	7.018	6.908	7.50	5.06	A1F	3/4	1-3/8	2	1-1/4	1/2	2-15/16	22.1
P44-14M-85-E	44	7.720	7.610	8.34	6.12	A1F	5/16	1-3/16	2-5/8	1-1/16	7/8	3-1/2	27.9
P48-14M-85-E	48	8.421	8.311	8.90	6.50	A1F	5/16	1-3/16	2-5/8	1-1/16	7/8	3-1/2	34.5
P52-14M-85-E	52	9.123	9.013	9.68	7.18	A1F	5/16	1-3/16	2-5/8	1-1/16	7/8	3-1/2	39.5
P56-14M-85-F	56	9.825	9.715	10.38	7.88	D1F	1/4	3/4	3-5/8	5/8	7/8	3-1/2	54.8
P60-14M-85-F	60	10.527	10.417	11.06	8.50	D1F	1/4	3/4	3-5/8	5/8	1	4	62.8
P64-14M-85-F	64	11.229	11.119	11.68	9.25	D1F	1/4	3/4	3-5/8	5/8	1	4	70.8
P68-14M-85-F	68	11.930	11.820	12.50	10.00	D2F	1/4	3/4	3-5/8	5/8	1	4	64.1
P72-14M-85-F	72	12.632	12.522	13.19	10.69	D2F	1/4	3/4	3-5/8	5/8	1	4	68.6
P80-14M-85-F	80	14.036	13.926	14.63	12.13	D2F	1/4	3/4	3-5/8	5/8	1	4	71.0
P90-14M-85-F	90	15.790	15.680		14.50	D3	1/4	3/4	3-5/8	5/8	1	4	68.5
P112-14M-85-F	112	19.650	19.540		18.25	D3	1/4	3/4	3-5/8	5/8	1	4	89.2
P144-14M-85-F	144	25.264	25.154		23.88	D3	1/4	3/4	3-5/8	5/8	1	4	118.3
P168-14M-85-J	168	29.475	29.365		28.12	D3	1/4	3/4	4-1/2	5/8	1-7/16	4-1/2	153.0
P192-14M-85-F	192	33.686	33.576		32.38	D3	1/4	3/4	4-1/2	5/8	1-7/16	4-1/2	182.0
P216-14M-85-J	216	37.896	37.786		36.38	D3	1/4	3/4	4-1/2	5/8	1-7/16	4-1/2	244.0

Weights for all FUL-GRIP bushed items are approximate and include the bushing.
FUL-GRIP is a registered trademark of Maurey Manufacturing Corporation

* Min. plain bore with no keyway or setscrews
● Maximum Bore without Keyway



14M stock sprocket dimensions high torque drives

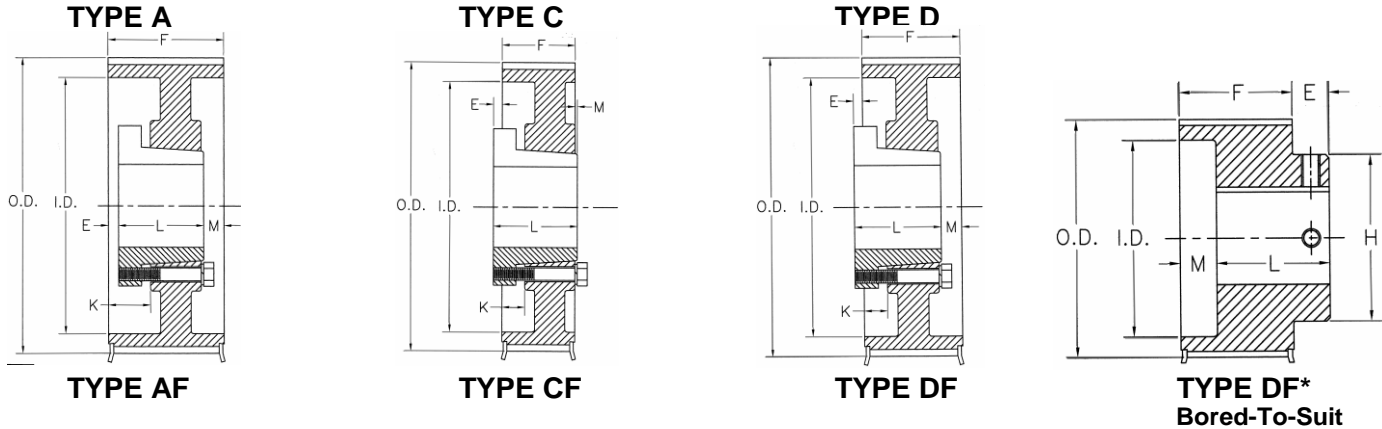


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

FOR BELTS 115MM (4.53 in.) WIDE • 14MM PITCH (14M-115) FACE WIDTH (F) = 5-1/4													
SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS				TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.
		P.D	O.D.		I.D.		E	K	L	M	MIN	MAX	
			Sprocket	Flange									
P28-14M-115-MPB	28	4.912	4.808	5.56	3.12	D1F*	1-1/4	3-11/16	5	1-1/2	*1-1/4	2-11/16	20.7
P29-14M-115-MPB	29	5.088	4.983	5.56	3.12	D1F*	1-1/4	3-11/16	5	1-1/2	*1-1/4	2-11/16	22.5
P30-14M-115-SK	30	5.263	5.157	6.09	3.92	A1F	1-3/8	2	1-7/8	2	1/2	2-11/16	12.9
P32-14M-115-SK	32	5.614	5.507	6.09	3.92	A1F	1-3/8	2	1-7/8	2	1/2	2-5/8	16.6
P34-14M-115-SK	34	5.965	5.858	6.50	4.06	A1F	1-3/8	2	1-7/8	2	1/2	2-5/8	19.9
P36-14M-115-SF	36	6.316	6.208	6.87	4.84	A1F	1-3/8	2	2	1-7/8	1/2	2-15/16	20.2
P38-14M-115-SF	38	6.667	6.559	7.22	4.94	A1F	1-3/8	2	2	1-7/8	1/2	2-15/16	22.9
P40-14M-115-SF	40	7.018	6.909	7.50	5.06	A1F	1-3/8	2	2	1-7/8	1/2	2-15/16	26.7
P44-14M-115-E	44	7.720	7.610	8.34	6.12	A1F	29/32	1-13/16	2-5/8	1-23/32	7/8	3-1/2	32.1
P48-14M-115-E	48	8.421	8.311	8.90	6.50	A1F	29/32	1-13/16	2-5/8	1-23/32	7/8	3-1/2	40.1
P52-14M-115-F	52	9.123	9.013	9.68	7.18	A1F	5/16	1-3/8	3-5/8	1-5/16	1	4	53.8
P56-14M-115-F	56	9.825	9.715	10.38	7.88	A1F	5/16	1-3/8	3-5/8	1-5/16	1	4	61.7
P60-14M-115-F	60	10.527	10.417	11.06	8.50	A1F	5/16	1-3/8	3-5/8	1-5/16	1	4	70.6
P64-14M-115-J	64	11.229	11.119	11.68	9.25	D1F	1/4	1	4-1/2	1	1-7/16	4-1/2	90.0
P68-14M-115-J	68	11.930	11.820	12.50	10.00	D1F	1/4	1	4-1/2	1	1-7/16	4-1/2	100.8
P72-14M-115-J	72	12.632	12.522	13.19	10.69	D1F	1/4	1	4-1/2	1	1-7/16	4-1/2	112.7
P80-14M-115-J	80	14.036	13.926	14.63	12.12	D2F	1/4	1	4-1/2	1	1-7/16	4-1/2	100.8
P90-14M-115-J	90	15.790	15.680		14.50	D2	1/4	1	4-1/2	1	1-7/16	4-1/2	89.3
P112-14M-115-J	112	19.650	19.540		18.25	D3	1/4	1	4-1/2	1	1-7/16	4-1/2	116.5
P144-14M-115-J	144	25.264	25.154		23.88	D3	1/4	1	4-1/2	1	1-7/16	4-1/2	159.5
P168-14M-115-M	168	29.475	29.365		28.10	C3	1-13/32	1/16	6-3/4	3/32	1-15/16	5-1/2	261.0
P192-14M-115-M	192	33.686	33.576		32.25	C3	1-13/32	1/16	6-3/4	3/32	1-15/16	5-1/2	302.0
P216-14M-115-M	216	37.896	37.786		36.38	C3	1-13/32	1/16	6-3/4	3/32	1-15/16	5-1/2	350.0

FOR BELTS 170MM (6.69 in.) WIDE • 14MM PITCH (14MM-170) FACE WIDTH (F) = 7-3/8													
SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS				TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.
		P.D	O.D.		I.D.		E	K	L	M	MIN	MAX	
			Sprocket	Flange									
P44-14M-170-E	44	7.720	7.610	8.34	6.12	A1F	2	2-7/8	2-5/8	2-3/4	7/8	3-1/2	39.1
P48-14M-170-E	48	8.421	8.311	8.90	6.50	A1F	2	2-7/8	2-5/8	2-3/4	7/8	3-1/2	49.8
P52-14M-170-F	52	9.123	9.013	9.68	7.18	A1F	1-7/16	2-7/16	3-5/8	2-5/16	1	4	64.6
P56-14M-170-F	56	9.825	9.715	10.38	7.88	A1F	1-7/16	2-7/16	3-5/8	2-5/16	1	4	73.4
P60-14M-170-J	60	10.527	10.417	11.06	8.50	A1F	15/16	2-1/8	4-1/2	1-15/16	1-7/16	4-1/2	93.1
P64-14M-170-J	64	11.229	11.119	11.68	9.25	A1F	15/16	2-1/8	4-1/2	1-15/16	1-7/16	4-1/2	103.9
P68-14M-170-J	68	11.930	11.820	12.50	10.00	A1F	15/16	2-1/8	4-1/2	1-15/16	1-7/16	4-1/2	115.3
P72-14M-170-J	72	12.632	12.522	13.19	10.69	A1F	15/16	2-1/8	4-1/2	1-15/16	1-7/16	4-1/2	128.2
P80-14M-170-J	80	14.036	13.926	14.63	12.12	A2F	15/16	2-1/8	4-1/2	1-15/16	1-7/16	4-1/2	119.9
P90-14M-170-J	90	15.790	15.680		14.50	A2	15/16	2-1/8	4-1/2	1-15/16	1-7/16	4-1/2	104.2
P112-14M-170-M	112	19.650	19.540		18.25	A3	0	1-7/16	6-3/4	5/8	2	5-1/2	205.6
P144-14M-170-M	144	25.264	25.154		23.62	A3	0	1-7/16	6-3/4	5/8	2	5-1/2	268.2
P168-14M-170-M	168	29.475	29.365		28.10	A3	0	1-7/16	6-3/4	5/8	2	5-1/2	293.3
P192-14M-170-M	192	33.686	33.576		32.25	A3	0	1-7/16	6-3/4	5/8	2	5-1/2	334.9
P216-14M-170-M	216	37.896	37.786		36.38	A3	0	1-7/16	6-3/4	5/8	2	5-1/2	383.6

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* Min. plain bore with no keyway or setscrews
● Maximum Bore without Keyway