



POSITIVE DRIVE PULLEYS

Smooth, slip-proof power transmission

Maurey Positive Drives combine the grip of gear and chain plus the flexibility of belts.

Wide range of speed and horsepower

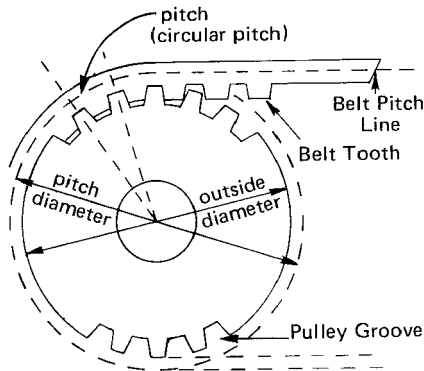
On drives from fractional horsepower to 600 horsepower and more, Maurey Positive Drives excel. Belt speed ranges from 100 fpm to 10,000.

High Horsepower in compact size.

Load carrying fiberglass cables combine enormous tensile strength, high flex life and resistance to elongation. Results? High horsepower-to-weight and h.p.-to-size ratio.

Low cost power transmission

Maurey Positive Drive does not rely on friction. Therefore, high initial belt tension is not needed. Thus minimum bearing load all the time and low heat build up while the drive runs.



Positive Drive Pulleys

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

Alterations

Maurey will customize your Positive Drive needs to suit the application in which it is used. See list prices for below for various alteration charges

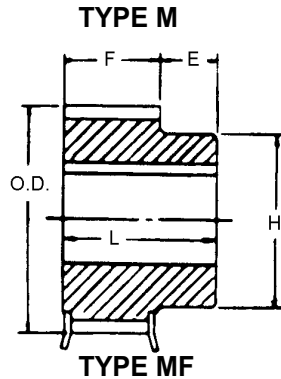
Rebore Minimum Plain Bore - List Price \$40.00

Keyway - List Price \$9.00

Set Screw - List Price \$9.00

Contact Maurey Customer Service for quantity breaks for alterations

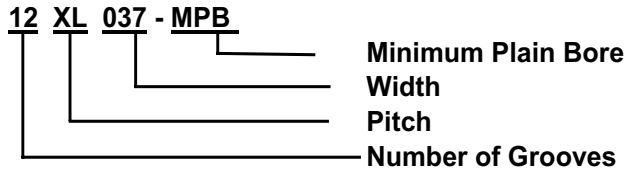
1/5" pitch (XL) stock pulley dimensions positive drive pulleys



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	Steel List Price	Aluminum Part Number	Aluminum List Price	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	\$ 9.00			10	.637	.617	29/32	M1F	7/32	25/32	7/16	9/16	3/16	1/4	.03	
11XL037MPB	\$ 9.40			11	.700	.680	29/32	M1F	7/32	25/32	7/16	9/16	3/16	1/4	.03	
12XL037MPB	\$ 9.70	12AXL037MPB	\$ 17.20	12	.764	.744	31/32	M1F	7/32	25/32	1/2	9/16	3/16	5/16	.06	.03
14XL037MPB	\$ 11.60	14AXL037MPB	\$ 17.40	14	.891	.871	1-7/64	M1F	7/32	25/32	9/16	9/16	1/4	3/8	.06	.05
15XL037MPB	\$ 12.00	15AXL037MPB	\$ 17.60	15	.955	.935	1-3/16	M1F	7/32	25/32	5/8	9/16	1/4	7/16	.09	.06
16XL037MPB	\$ 12.70	16AXL037MPB	\$ 17.80	16	1.019	.999	1-1/4	M1F	7/32	25/32	11/16	9/16	1/4	3/8	.09	.06
18XL037MPB	\$ 14.20	18AXL037MPB	\$ 18.00	18	1.146	1.126	1-3/8	M1F	7/32	25/32	13/16	9/16	1/4	9/16	.13	.09
20XL037MPB	\$ 15.00	20AXL037MPB	\$ 18.40	20	1.273	1.253	1-1/2	M1F	5/16	7/8	15/16	9/16	1/4	11/16	.19	.12
21XL037MPB	\$ 16.10	21AXL037MPB	\$ 18.80	21	1.377	1.317	1-9/16	M1F	5/16	7/8	15/16	9/16	1/4	11/16	.19	.12
22XL037MPB	\$ 16.50	22AXL037MPB	\$ 19.20	22	1.401	1.381	1-5/8	M1F	5/16	7/8	1	9/16	1/4	3/4	.22	.12
24XL037MPB	\$ 18.40	24AXL037MPB	\$ 19.40	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	\$ 21.00	28AXL037MPB	\$ 23.10	28	1.783	1.763	2	M1F	5/16	7/8	1-3/16	9/16	1/4	15/16	.34	.21
30XL037MPB	\$ 22.10	30AXL037MPB	\$ 24.32	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	\$ 22.50	32AXL037MPB	\$ 24.76	32	2.037	2.017		M1	7/16	1	1-1/2	9/16	5/16	1-3/16	.53	.25
36XL037MPB	\$ 22.80	36AXL037MPB	\$ 25.08	36	2.292	2.272		M1	7/16	1	1-1/2	9/16	5/16	1-3/16	.75	.30
40XL037MPB	\$ 23.30	40AXL037MPB	\$ 25.64	40	2.546	2.526		M1	7/16	1	1-1/2	9/16	5/16	1-3/16	.90	.31
42XL037MPB	\$ 23.60	42AXL037MPB	\$ 25.96	42	2.674	2.654		M2/M1*	7/16	1	1-5/8	9/16	5/16	1-3/16	1.06	.31
44XL037MPB	\$ 24.40	44AXL037MPB	\$ 26.84	44	2.801	2.781		M2/M1*	7/16	1	1-5/8	9/16	5/16	1-3/16	1.31	.31
48XL037MPB	\$ 25.90	48AXL037MPB	\$ 28.50	48	3.056	3.036		M2	7/16	1	1-5/8	9/16	5/16	1-3/16	1.50	.38
60XL037MPB	\$ 31.10	60AXL037MPB	\$ 34.22	60	3.820	3.800		M2	7/16	1	1-5/8	9/16	3/8	1-3/16	1.40	.38
72XL037MPB	\$ 39.00	72AXL037MPB	\$ 42.90	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