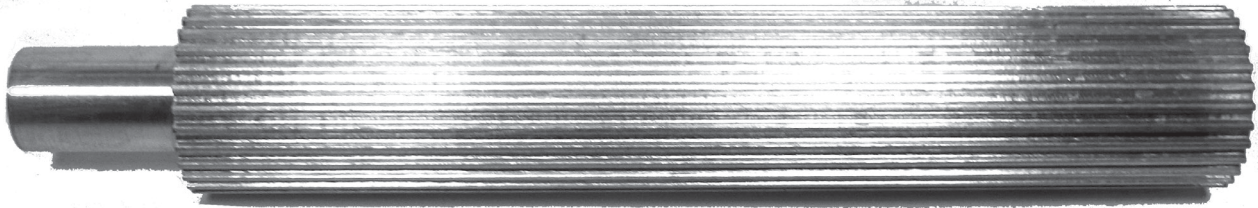


T2.5 TIMING PULLEY BAR STOCK

METRIC TIMING PULLEY STOCK

T2.5 mm Pitch
Aluminum



Timing Pulley Stock

Part Number	No. of Teeth	Metric		Inch		Shank Diameter	Shank Length	Minimum Usable Length	Overall Length
		Pitch Diameter	Outside Diameter	Pitch Diameter	Outside Diameter				
38T2.5-PS132A	38	30.3 mm	29.7 mm	1.193"	1.169"	0.500"	1.000"	5.200"	6.200"
40T2.5-PS132A	40	31.9 mm	31.3 mm	1.256"	1.232"	0.500"	1.000"	5.200"	6.200"
42T2.5-PS132A	42	33.5 mm	32.9 mm	1.319"	1.295"	0.500"	1.000"	5.200"	6.200"
44T2.5-PS132A	44	35.1 mm	34.5 mm	1.382"	1.358"	0.500"	1.000"	5.200"	6.200"
46T2.5-PS132A	46	35.9 mm	35.3 mm	1.413"	1.390"	0.500"	1.000"	5.200"	6.200"
48T2.5-PS132A	48	38.3 mm	37.7 mm	1.508"	1.484"	0.500"	1.000"	5.200"	6.200"
50T2.5-PS160A	50	39.9 mm	39.3 mm	1.570"	1.547"	0.500"	1.000"	6.300"	7.300"
60T2.5-PS160A	60	47.9 mm	47.2 mm	1.884"	1.860"	0.500"	1.000"	6.300"	7.300"
65T2.5-PS160A	65	51.8 mm	51.2 mm	2.039"	2.016"	0.750"	1.000"	6.300"	7.300"
70T2.5-PS160A	70	55.8 mm	55.2 mm	2.197"	2.173"	0.750"	1.000"	6.300"	7.300"
72T2.5-PS160A	72	57.4 mm	56.8 mm	2.260"	2.236"	0.750"	1.000"	6.300"	7.300"
90T2.5-PS160A	90	71.7 mm	71.1 mm	2.824"	2.800"	0.750"	1.000"	6.300"	7.300"
100T2.5-PS160A	100	79.7 mm	79.1 mm	3.137"	3.113"	0.750"	1.000"	6.300"	7.300"

GENERAL CHARACTERISTICS AND FEATURES OF SYNCHRONOUS DRIVES

There are two distinctive styles of synchronous drives. The main difference between the two is in the shape of the teeth that mesh between belt and pulley. The tooth profile most common among synchronous belts is trapezoidal in shape. It is available in both English and metric pitches. This design was derived from the spur gear and was eventually superseded by a curvilinear tooth profile which exhibited some desirable and superior qualities. Both tooth profiles are pictured below.

CURVILINEAR



Curvilinear Features

Carry 2-3 more horsepower
Reduced drive size
Speed ratios to 20:1
Smaller drives yields cost savings

Trapezoidal Features

Precise positioning
Quiet operation
Belts in neoprene and urethane
Many styles to choose

TRAPEZOIDAL

