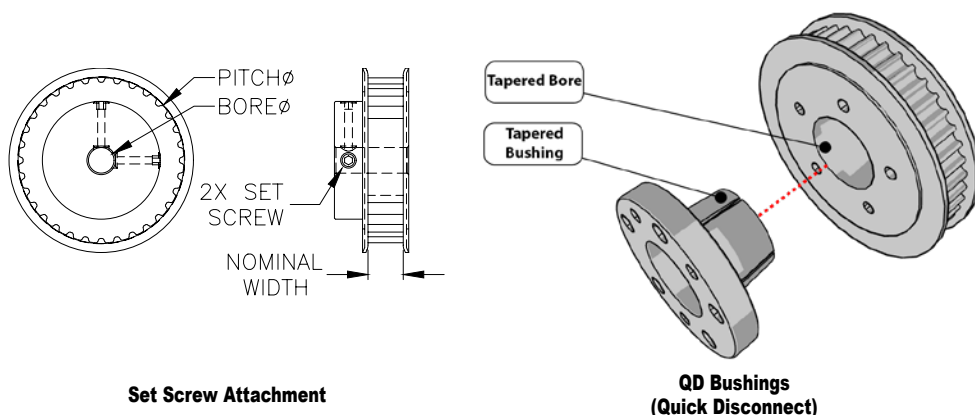




Synchronous Drive Components

Product Overview

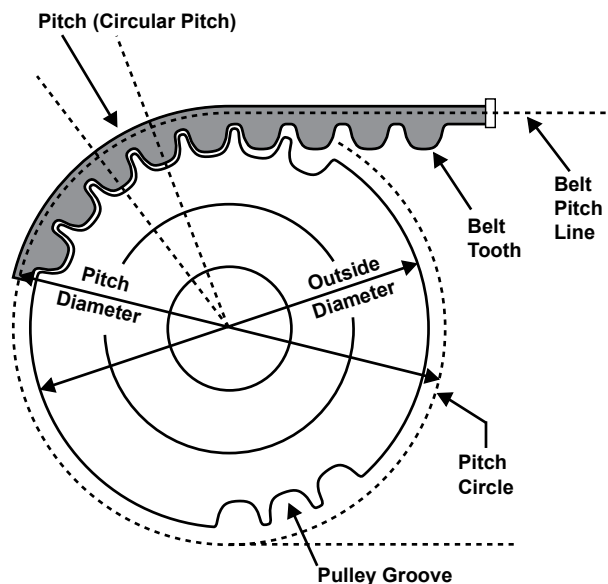
Timing pulleys are offered in several pitches, MXL, XL, L, and 5M and use two attachment styles, set screw and quick disconnect (QD) bushings, shown on the right.



Timing pulleys and belts allow you to change speed and torque while connecting mechanically rotating components.

- Select pulley sizes in order to accomplish the speed or torque change that you need.
- Synchronous drive belts and pulleys utilize teeth to prevent slippage and unwanted speed variations.

Note: For pulley speeds in excess of 6,000 RPM, pulleys should be dynamically balanced.



Drive Component Selection

1. Determine required torque (ft·lbs) and rpm of driven shaft.
2. Determine Design Horsepower (DHP):

$$DHP = \frac{T \cdot N \cdot sf}{5,252}$$

Where: T = torque (ft·lb)
N = rpm
sf = service factor per table

Service Factors			
Machine Type	<8hr per day	8-16 hr per day	Continuous
Smooth Running	1.0	1.2	1.4
Light Shock Loads	1.3	1.5	1.7
Heavy Shock Loads	1.7	1.9	2.1

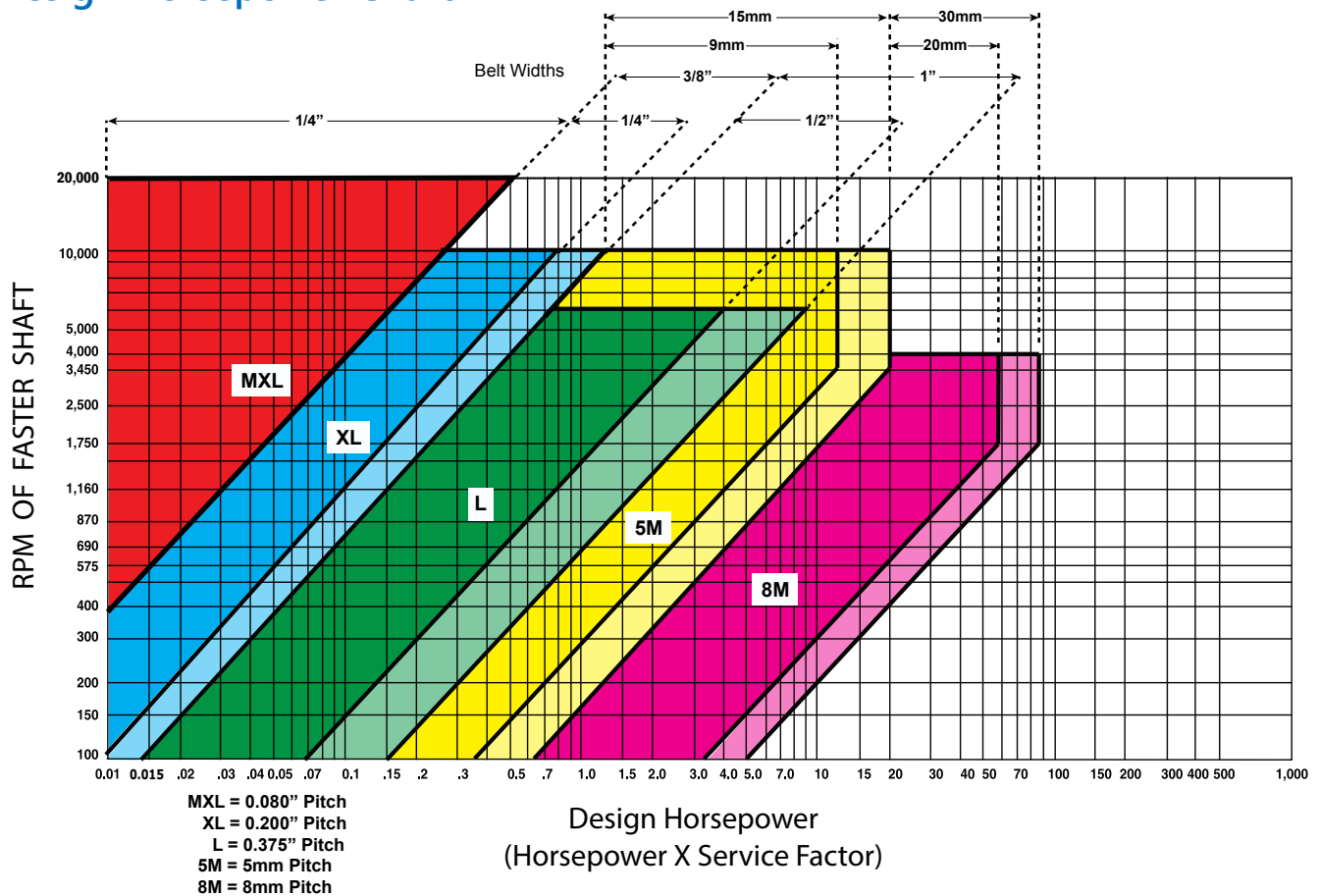
3. Determine Pitch (MXL, XL, L, or 5M) and belt width required by reading Design Horsepower Chart.
4. Select driver and driven pulleys to match desired speed or torque change.
5. Determine belt length per belt length calculation.

Note: AutomationDirect provides an online configuration tool to assist with pulley and belt sizing.

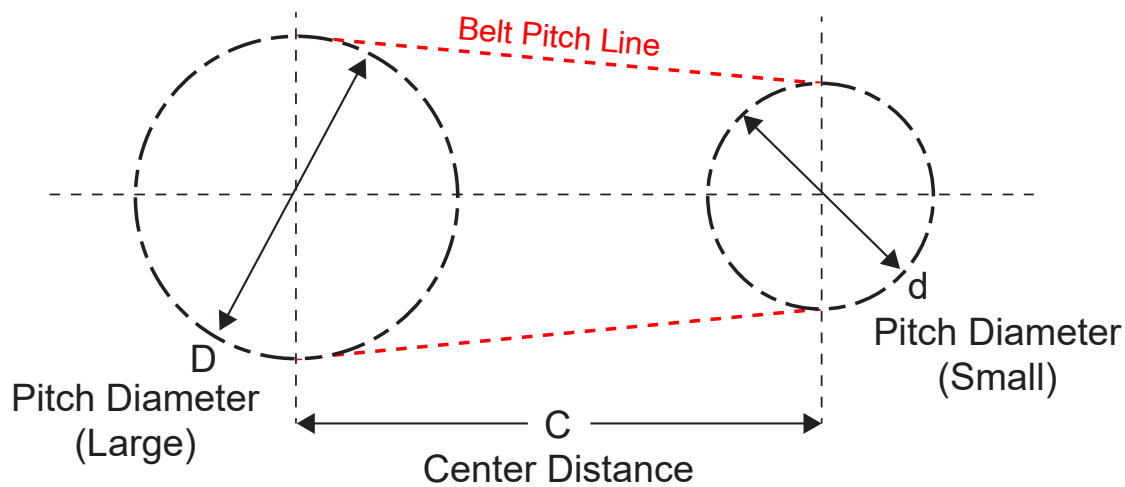
See: www.automationdirect.com/selectors/beltandpulley

Synchronous Drive Components

Design Horsepower Chart



Drive Component Selection Continued



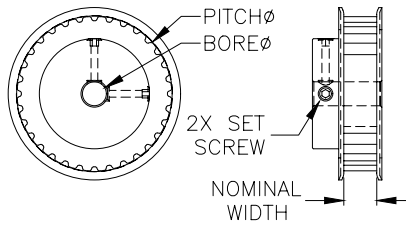
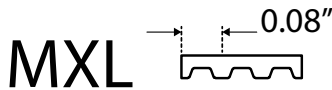
$$\text{Belt Length, } L = 2C + \frac{\pi(D + d)}{2} + \frac{(D - d)^2}{4C}$$



Timing Pulleys

MXL Timing Pulley Features

- Pitch: 0.08in
- Tooth Profile: Trapezoidal
- Attachment: Smooth bore with set screws
- Pulley Material: Aluminum with hard anodize finish



A14-MXL025-B0125

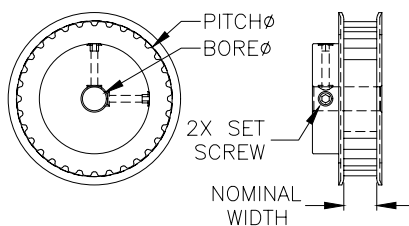
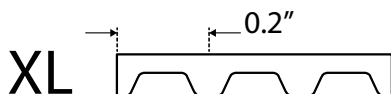
MXL Timing Pulley								
Part Number	Price	# Teeth	Bore Diameter	Nominal Width	Flange (Y/N)	Pitch Diameter	Material	Drawing Link
A14-MXL025-B0125	\$20.00	14	1/8in	1/4in	Yes	0.357in [9.07mm]	Aluminum with anodize finish	PDF
A15-MXL025-B0188	\$20.00	15	3/16in			0.382in [9.7mm]		PDF
A16-MXL025-B0188	\$20.00	16				0.407in [10.34mm]		PDF
A18-MXL025-B0250	\$20.25	18	1/4in			0.458in [11.63mm]		PDF
A20-MXL025-B0250	\$20.50	20				0.509in [12.93mm]		PDF
A21-MXL025-B0188	\$19.00	21	3/16in			0.535in [13.59mm]		PDF
A21-MXL025-B0250	\$21.00		1/4in					PDF
A22-MXL025-B0188	\$19.00	22	3/16in			0.56in [14.22mm]		PDF
A30-MXL025-B0250	\$20.50	30	1/4in		No	0.764in [19.41mm]		PDF
A32-MXL025-B0250	\$21.00	32				0.815in [20.7mm]		PDF
A36-MXL025-B0250	\$21.50	36				0.917in [23.29mm]		PDF
A40-MXL025-B0250	\$23.00	40				1.019in [25.88mm]		PDF
A60-MXL025-B0250	\$27.00	60				1.528in [38.81mm]		PDF
A60NF-MXL025-B0250	\$24.00							PDF
A72NF-MXL025-B0250	\$27.25	72				1.833in [46.56mm]		PDF



Timing Pulleys

XL Timing Pulley Features

- Pitch: 1/5in
- Tooth Profile: Trapezoidal
- Attachment: Smooth bore with set screws
- Pulley Material: Aluminum with hard anodize finish



A10-XL025-B0250

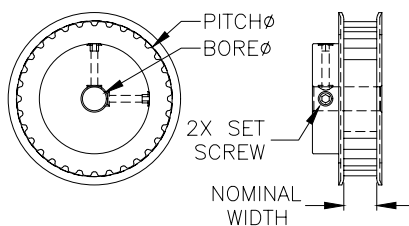
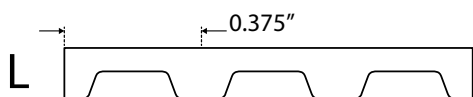
XL Timing Pulley								
Part Number	Price	# Teeth	Bore Diameter	Nominal Width	Flange (Y/N)	Pitch Diameter	Material	Drawing Link
A10-XL025-B0250	\$17.25	10	1/4in	1/4in	Yes	0.637in [16.18mm]	Aluminum with anodize finish	PDF
A15-XL025-B0250	\$19.00	15				0.955in [24.26mm]		PDF
A16-XL025-B0250	\$19.50	16				1.019in [25.88mm]		PDF
A18-XL025-B0250	\$20.00	18				1.146in [29.11mm]		PDF
A20-XL025-B0250	\$21.00	20				1.273in [32.33mm]		PDF
A30-XL025-B0250	\$26.00	30				1.91in [48.51mm]		PDF
A10NH-XL037-0250	\$17.50	10	1/4in	3/8in	Yes	0.637in [16.18mm]	Aluminum with anodize finish	PDF
A10-XL037-B0250	\$18.00					PDF		
A12NH-XL037-0250	\$18.00	12				0.764in [19.41mm]		PDF
A12-XL037-B0250	\$18.50					PDF		
A14NH-XL037-0250	\$18.50	14				0.891in [22.63mm]		PDF
A14-XL037-B0250	\$19.00					PDF		
A15NH-XL037-0250	\$19.25	15				0.955in [24.26mm]		PDF
A16NH-XL037-0250	\$20.00	16				1.019in [25.88mm]		PDF
A16-XL037-B0250	\$20.00					PDF		
A18NH-XL037-0250	\$20.00	18				1.146in [29.11mm]		PDF
A18-XL037-B0250	\$20.25					PDF		
A19-XL037-B0250	\$21.00	19				1.21in [30.73mm]		PDF
A20NH-XL037-0250	\$21.00	20				1.273in [32.33mm]		PDF
A20-XL037-B0250	\$22.00					PDF		
A21-XL037-B0250	\$22.00	21				1.337in [33.96mm]		PDF
A22NH-XL037-0250	\$23.50	22				1.401in [35.59mm]		PDF
A22-XL037-B0250	\$24.25					PDF		
A24NH-XL037-0250	\$24.00	24				1.528in [38.81mm]		PDF
A24-XL037-B0250	\$24.50					PDF		
A26-XL037-B0250	\$26.00	26				1.655in [42.04mm]		PDF
A28-XL037-B0250	\$28.50	28				1.783in [45.29mm]		PDF
A30NH-XL037-0250	\$27.25	30				1.91in [48.51mm]		PDF
A30-XL037-B0250	\$29.00					PDF		
A32NF-XL037-B0312	\$23.50	32	5/16in		No	2.037in [51.74mm]		PDF
A32NH-XL037-0250	\$28.25		1/4in		Yes			PDF
A32-XL037-B0312	\$30.50		PDF					
A36NF-XL037-B0312	\$26.00	36	5/16in		No	2.292in [58.22mm]		PDF
A40NF-XL037-B0312	\$31.00	40				2.546in [64.67mm]		PDF
A42NF-XL037-B0312	\$31.50	42				2.674in [67.92mm]		PDF
A44NF-XL037-B0312	\$34.00	44				2.801in [71.15mm]		PDF
A48NF-XL037-B0312	\$37.00	48				3.056in [77.62mm]		PDF
A60NF-XL037-B0375	\$50.00	60	3/8in			3.82in [97.03mm]		PDF
A72NF-XL037-B0375	\$66.00	72				4.584in [116.43mm]		PDF



Timing Pulleys

L Timing Pulley Features

- Pitch: 3/8in
- Tooth Profile: Trapezoidal
- Attachment: Smooth bore with set screws
- Pulley Material: Aluminum with hard anodize finish



A10-L050-B-0375

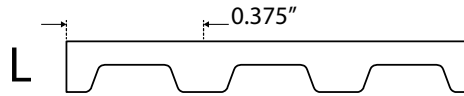
L Timing Pulley								
Part Number	Price	# Teeth	Bore Diameter	Nominal Width	Flange (Y/N)	Pitch Diameter	Material	Drawing Link
<u>A10-L050-B-0375</u>	\$27.00	10	3/8in	1/2in	Yes	1.194in [30.33mm]	Aluminum with anodize finish	<u>PDF</u>
<u>A12-L050-B-0375</u>	\$29.50	12				1.432in [36.37mm]		<u>PDF</u>
<u>A13-L050-B-0375</u>	\$30.00	13				1.552in [39.42mm]		<u>PDF</u>



Timing Pulleys

L Timing Pulley Features

- Pitch: 3/8in
- Tooth Profile: Trapezoidal
- Attachment: Quick Disconnect (QD) style bushing
- Pulley Material: Aluminum with hard anodize finish



A14-L050-SPBO-0375

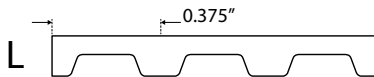
L Timing Pulley								
Part Number	Price	# Teeth	Bore Diameter	Nominal Width	Flange (Y/N)	Pitch Diameter	Material	Drawing Link
A14-L050-SPBO-0375	\$48.50	14	3/8in	1/2in	Yes	1.671in [42.44mm]	Aluminum with anodize finish	PDF
A14-L050-SPBO-0500	\$48.50		1/2in					PDF
A15-L050-SPBO-0375	\$50.00	15	3/8in			1.79in [45.47mm]		PDF
A15-L050-SPBO-0500	\$50.00		1/2in					PDF
A16-L050-SPBO-0500	\$52.00	16	1/2in			1.91in [48.51mm]		PDF
A16-L050-SPBO-0625	\$52.00		5/8in					PDF
A17-L050-SPBO-0500	\$53.00	17	1/2in			2.029in [51.54mm]		PDF
A17-L050-SPBO-0625	\$53.00		5/8in					PDF
A18-L050-SPBO-0500	\$54.00	18	1/2in			2.149in [54.58mm]		PDF
A18-L050-SPBO-0625	\$54.00		5/8in					PDF
A20-L050-SPBO-0500	\$60.00	20	1/2in			2.387in [60.63mm]		PDF
A20-L050-SPBO-0625	\$60.00		5/8in					PDF
A20-L050-SPBO-0750	\$60.00	21	3/4in			2.507in [63.68mm]		PDF
A21-L050-SPBO-0500	\$60.00		1/2in					PDF
A21-L050-SPBO-0625	\$60.00		5/8in					PDF
A21-L050-SPBO-0750	\$60.00	22	3/4in			2.626in [66.7mm]		PDF
A22-L050-SPBO-0500	\$64.00		1/2in					PDF
A22-L050-SPBO-0625	\$64.00		5/8in					PDF
A22-L050-SPBO-0750	\$64.00		3/4in					PDF
A22-L050-SPBO-0875	\$64.00	24	7/8in			2.865in [72.77mm]		PDF
A22-L050-SPBO-1000	\$64.00		1in					PDF
A24-L050-SPBO-0500	\$71.00		1/2in					PDF
A24-L050-SPBO-0625	\$71.00		5/8in					PDF
A24-L050-SPBO-0750	\$71.00	26	3/4in			3.104in [78.84mm]		PDF
A24-L050-SPBO-0875	\$71.00		7/8in					PDF
A24-L050-SPBO-1000	\$71.00		1in					PDF
A26-L050-SPBO-0500	\$74.00		1/2in					PDF
A26-L050-SPBO-0625	\$74.00	30	5/8in			3.581in [90.96mm]		PDF
A26-L050-SPBO-0750	\$74.00		3/4in					PDF
A26-L050-SPBO-0875	\$74.00		7/8in					PDF
A26-L050-SPBO-1000	\$74.00		1in					PDF
A30-L050-SPBO-0500	\$91.00	32	1/2in			3.82in [97.03mm]		PDF
A30-L050-SPBO-0625	\$91.00		5/8in					PDF
A30-L050-SPBO-0750	\$91.00		3/4in					PDF
A30-L050-SPBO-0875	\$91.00		7/8in					PDF
A30-L050-SPBO-1000	\$91.00	32	1in			3.82in [97.03mm]		PDF
A30-L050-SPBO-1125	\$91.00		1-1/8in					PDF
A32-L050-SPBO-0500	\$93.00		1/2in					PDF
A32-L050-SPBO-0625	\$93.00		5/8in					PDF
A32-L050-SPBO-0750	\$93.00	32	3/4in			3.82in [97.03mm]		PDF
A32-L050-SPBO-0875	\$93.00		7/8in					PDF
A32-L050-SPBO-1000	\$93.00		1in					PDF
A32-L050-SPBO-1125	\$93.00		1-1/8in					PDF



Timing Pulleys

L Timing Pulley Features

- Pitch: 3/8in
- Tooth Profile: Trapezoidal
- Attachment: Quick Disconnect (QD) style bushing
- Pulley Material: Aluminum with hard anodize finish



A14-L100-SPBO-0375

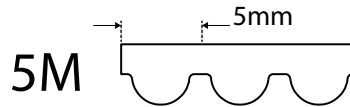
L Timing Pulley								
Part Number	Price	# Teeth	Bore Diameter	Nominal Width	Flange (Y/N)	Pitch Diameter	Material	Drawing Link
A14-L100-SPBO-0375	\$52.50	14	3/8in	1in	Yes	1.671in [42.44mm]	Aluminum with anodize finish	PDF
A16-L100-SPBO-0500	\$58.00	16	1/2in			1.91in [48.51mm]		PDF
A16-L100-SPBO-0625	\$58.00		5/8in			PDF		
A18-L100-SPBO-0500	\$61.00	18	1/2in			2.149in [54.58mm]		PDF
A18-L100-SPBO-0625	\$61.00		5/8in			PDF		
A20-L100-SPBO-0500	\$69.50	20	1/2in			2.387in [60.63mm]		PDF
A20-L100-SPBO-0625	\$69.50		5/8in			PDF		
A20-L100-SPBO-0750	\$69.50		3/4in			PDF		
A22-L100-SPBO-0625	\$75.00	22	5/8in			2.626in [66.7mm]		PDF
A22-L100-SPBO-0750	\$75.00		3/4in			PDF		
A22-L100-SPBO-0875	\$75.00		7/8in			PDF		
A22-L100-SPBO-1000	\$75.00		1in			PDF		
A24-L100-SPBO-0625	\$79.50	24	5/8in			2.865in [72.77mm]		PDF
A24-L100-SPBO-0750	\$79.50		3/4in			PDF		
A24-L100-SPBO-0875	\$79.50		7/8in			PDF		
A24-L100-SPBO-1000	\$79.50		1in			PDF		
A26-L100-SPBO-0625	\$84.50	26	5/8in			3.104in [78.84mm]		PDF
A26-L100-SPBO-0750	\$84.50		3/4in			PDF		
A26-L100-SPBO-0875	\$84.50		7/8in			PDF		
A26-L100-SPBO-1000	\$84.50		1in			PDF		
A28-L100-SPBO-0625	\$94.00	28	5/8in			3.342in [84.89mm]		PDF
A28-L100-SPBO-0750	\$94.00		3/4in			PDF		
A28-L100-SPBO-0875	\$94.00		7/8in			PDF		
A28-L100-SPBO-1000	\$94.00		1in			PDF		
A28-L100-SPBO-1125	\$94.00		1-1/8in			PDF		
A28-L100-SPBO-1250	\$94.00	30	1-1/4in			3.581in [90.96mm]		PDF
A30-L100-SPBO-0625	\$106.00		5/8in			PDF		
A30-L100-SPBO-0750	\$106.00		3/4in			PDF		
A30-L100-SPBO-0875	\$106.00		7/8in			PDF		
A30-L100-SPBO-1000	\$106.00		1in			PDF		
A30-L100-SPBO-1125	\$106.00		1-1/8in			PDF		
A30-L100-SPBO-1250	\$106.00	32	1-1/4in			3.82in [97.03mm]		PDF
A32-L100-SPBO-0625	\$109.00		5/8in			PDF		
A32-L100-SPBO-0750	\$109.00		3/4in			PDF		
A32-L100-SPBO-0875	\$109.00		7/8in			PDF		
A32-L100-SPBO-1000	\$109.00		1in			PDF		
A32-L100-SPBO-1125	\$109.00		1-1/8in			PDF		
A32-L100-SPBO-1250	\$109.00	36	1-1/4in			4.297in [109.14mm]		PDF
A36-L100-SPBO-0625	\$127.00		5/8in			PDF		
A36-L100-SPBO-0750	\$127.00		3/4in			PDF		
A36-L100-SPBO-0875	\$127.00		7/8in			PDF		
A36-L100-SPBO-1000	\$127.00		1in			PDF		
A36-L100-SPBO-1125	\$127.00		1-1/8in			PDF		
A36-L100-SPBO-1250	\$127.00	40	1-1/4in			4.775in [121.29mm]		PDF
A40-L100-SPBO-0625	\$159.00		5/8in			PDF		
A40-L100-SPBO-0750	\$159.00		3/4in			PDF		
A40-L100-SPBO-0875	\$159.00		7/8in			PDF		
A40-L100-SPBO-1000	\$159.00		1in			PDF		
A40-L100-SPBO-1125	\$159.00		1-1/8in			PDF		
A40-L100-SPBO-1250	\$159.00		1-1/4in			PDF		



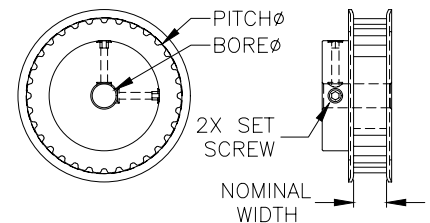
Timing Pulleys

5M Timing Pulley Features

- Pitch: 5mm
- Tooth Profile: Curvilinear
- Attachment: Smooth bore with set screws
- Pulley Material: Aluminum with hard anodize finish



A20-5M15-SS-0625



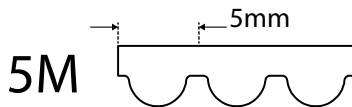
5M Timing Pulley								
Part Number	Price	# Teeth	Bore Diameter	Nominal Width	Flange (Y/N)	Pitch Diameter	Material	Drawing Link
A20-5M10-SS-0625	\$46.50	20	5/8in	9mm	Yes	1.253in [31.83mm]	Aluminum with anodize finish	PDF
A22-5M10-SS-0625	\$39.00	22				1.379in [35.03mm]		PDF
A22-5M10-SS-0750	\$39.00		3/4in			PDF		
A24-5M10-SS-0625	\$39.00	24	5/8in			1.504in [38.2mm]		PDF
A24-5M10-SS-0750	\$39.00		3/4in					PDF
A24-5M10-SS-0875	\$39.00		7/8in					PDF
A25-5M10-SS-0625	\$39.50	25	5/8in			1.566in [39.78mm]		PDF
A25-5M10-SS-0750	\$40.00		3/4in					PDF
A25-5M10-SS-0875	\$40.00		7/8in					PDF
A28-5M10-SS-0625	\$41.50	28	5/8in			1.754in [44.55mm]		PDF
A28-5M10-SS-0750	\$41.50		3/4in					PDF
A28-5M10-SS-0875	\$41.50		7/8in					PDF
A30-5M10-SS-0625	\$45.00	30	5/8in			1.88in [47.75mm]		PDF
A30-5M10-SS-0750	\$45.00		3/4in					PDF
A30-5M10-SS-0875	\$45.00		7/8in					PDF
A32-5M10-SS-0750	\$47.00	32	3/4in			2.005in [50.93mm]		PDF
A32-5M10-SS-0875	\$47.00		7/8in					PDF
A36-5M10-SS-0750	\$51.00	36	3/4in			2.256in [57.3mm]		PDF
A36-5M10-SS-0875	\$51.00		7/8in					PDF
A40-5M10-SS-0750	\$57.00	40	3/4in			2.506in [63.65mm]		PDF
A40-5M10-SS-0875	\$57.00		7/8in					PDF
A42-5M10-SS-0750	\$61.00	42	3/4in			2.632in [66.85mm]		PDF
A42-5M10-SS-0875	\$61.00		7/8in					PDF
A20-5M15-SS-0625	\$48.00	20	5/8in	15mm	Yes	1.253in [31.83mm]	Aluminum with anodize finish	PDF
A22-5M15-SS-0625	\$52.00	22				1.379in [35.03mm]		PDF
A24-5M15-SS-0625	\$52.00	24	1.504in [38.2mm]			PDF		
A24-5M15-SS-0875	\$52.00		7/8in			PDF		
A25-5M15-SS-0625	\$52.50	25	1.566in [39.78mm]			PDF		
A25-5M15-SS-0875	\$52.50		7/8in			PDF		
A28-5M15-SS-0625	\$56.00	28	1.754in [44.55mm]			PDF		
A28-5M15-SS-0875	\$56.00		7/8in			PDF		
A30-5M15-SS-0625	\$61.00	30	1.88in [47.75mm]			PDF		
A30-5M15-SS-0875	\$61.00		7/8in			PDF		
A30-5M15-SS-1125	\$61.00		1-1/8in			PDF		
A32-5M15-SS-0875	\$65.00	32	2.005in [50.93mm]			PDF		
A32-5M15-SS-1125	\$65.00		1-1/8in			PDF		
A36-5M15-SS-0875	\$71.00	36	2.256in [57.3mm]			PDF		
A36-5M15-SS-1125	\$71.00		1-1/8in			PDF		
A40-5M15-SS-0875	\$80.00	40	2.506in [63.65mm]			PDF		
A40-5M15-SS-1125	\$80.00		1-1/8in			PDF		
A42-5M15-SS-0875	\$84.50	42	2.632in [66.85mm]			PDF		
A42-5M15-SS-1125	\$84.50		1-1/8in			PDF		
A44-5M15-SS-1125	\$89.00	44	2.757in [70.03mm]			PDF		
A48-5M15-SS-1125	\$94.00	48	3.008in [76.4mm]			PDF		



Timing Pulleys

5M Timing Pulley Features

- Pitch: 5mm
- Tooth Profile: Curvilinear
- Attachment: Quick Disconnect (QD) style bushing
- Pulley Material: Aluminum with hard anodize finish



A32-5M10-SPBO-0625

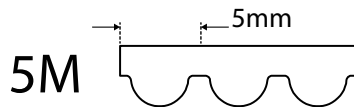
5M Timing Pulley								
Part Number	Price	# Teeth	Bore Diameter	Nominal Width	Flange (Y/N)	Pitch Diameter	Material	Drawing Link
A32-5M10-SPBO-0625	\$76.50	32	5/8in	9mm	Yes	2.005in [50.93mm]	Aluminum with anodize finish	PDF
A36-5M10-SPBO-0625	\$62.00	36				2.256in [57.3mm]		PDF
A40-5M10-SPBO-0625	\$66.00	40				2.506in [63.65mm]		PDF
A42-5M10-SPBO-0625	\$70.50	42				2.632in [66.85mm]		PDF
A44-5M10-SPBO-0625	\$73.00	44	3/4in			2.757in [70.03mm]		PDF
A44-5M10-SPBO-0750	\$73.00							PDF
A44-5M10-SPBO-0875	\$73.00							PDF
A48-5M10-SPBO-0625	\$77.00	48	5/8in			3.008in [76.4mm]		PDF
A48-5M10-SPBO-0750	\$77.00		3/4in					PDF
A48-5M10-SPBO-0875	\$77.00		7/8in					PDF
A60-5M10-SPBO-0625	\$94.00	60	5/8in			3.76in [95.5mm]		PDF
A60-5M10-SPBO-0750	\$94.00		3/4in					PDF
A60-5M10-SPBO-0875	\$94.00		7/8in					PDF
A72-5M10-SPBO-0625	\$112.00	72	5/8in			4.511in [114.58mm]		PDF
A72-5M10-SPBO-0750	\$111.00		3/4in					PDF
A72-5M10-SPBO-0875	\$112.00		7/8in					PDF
A84-5M10-SPBO-0625	\$147.00	84	5/8in			5.263in [133.68mm]		PDF
A84-5M10-SPBO-0750	\$146.00		3/4in					PDF
A84-5M10-SPBO-0875	\$147.00		7/8in					PDF
A96-5M10-SPBO-0625	\$187.00	96	5/8in			6.015in [152.78mm]		PDF
A96-5M10-SPBO-0750	\$186.00		3/4in					PDF
A96-5M10-SPBO-0875	\$187.00		7/8in					PDF
A120-5M10-SPBO-0625	\$251.00	120	5/8in			7.519in [190.98mm]		PDF
A120-5M10-SPBO-0750	\$250.00		3/4in					PDF
A120-5M10-SPBO-0875	\$251.00		7/8in					PDF



Timing Pulleys

5M Timing Pulley Features

- Pitch: 5mm
- Tooth Profile: Curvilinear
- Attachment: Quick Disconnect (QD) style bushing
- Pulley Material: Aluminum with hard anodize finish



A32-5M15-SPBO-0625

5M Timing Pulley								
Part Number	Price	# Teeth	Bore Diameter	Nominal Width	Flange (Y/N)	Pitch Diameter	Material	Drawing Link
A32-5M15-SPBO-0625	\$87.00	32	5/8in	15mm	Yes	2.005in [50.93mm]	Aluminum with anodize finish	PDF
A36-5M15-SPBO-0625	\$90.00	36				2.256in [57.3mm]		PDF
A40-5M15-SPBO-0625	\$99.00	40				2.506in [63.65mm]		PDF
A42-5M15-SPBO-0625	\$102.00	42				2.632in [66.85mm]		PDF
A44-5M15-SPBO-0625	\$108.00	44	7/8in			2.757in [70.03mm]		PDF
A44-5M15-SPBO-0875	\$108.00							PDF
A48-5M15-SPBO-0625	\$115.00	48	5/8in			3.008in [76.4mm]		PDF
A48-5M15-SPBO-0875	\$115.00		7/8in					PDF
A60-5M15-SPBO-0625	\$141.00	60	5/8in			3.76in [95.5mm]		PDF
A60-5M15-SPBO-0875	\$141.00		7/8in					PDF
A60-5M15-SPBO-1125	\$141.00		1-1/8in					PDF
A72-5M15-SPBO-0625	\$170.00	72	5/8in			4.511in [114.58mm]		PDF
A72-5M15-SPBO-0875	\$170.00		7/8in					PDF
A72-5M15-SPBO-1125	\$170.00		1-1/8in					PDF
A84-5M15-SPBO-0625	\$217.00	84	5/8in			5.263in [133.68mm]		PDF
A84-5M15-SPBO-0875	\$217.00		7/8in					PDF
A84-5M15-SPBO-1125	\$217.00		1-1/8in					PDF
A96-5M15-SPBO-0625	\$276.00	96	5/8in			6.015in [152.78mm]		PDF
A96-5M15-SPBO-0875	\$276.00		7/8in					PDF
A96-5M15-SPBO-1125	\$276.00		1-1/8in					PDF
A120-5M15-SPBO-0625	\$372.00	120	5/8in			7.519in [190.98mm]		PDF
A120-5M15-SPBO-0875	\$372.00		7/8in					PDF
A120-5M15-SPBO-1125	\$372.00		1-1/8in					PDF