



2 - Belt & Chain Drives



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ROLLER CHAINS & SPROCKETS

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LADDER CHAINS & SPROCKETS

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Timing Belts & Pulleys Locator Chart



			TIMING BELT DRIVES			
			MXL	40 DP	XL	L
			.080	.0816	1/5 (.200)	3/8 (.375)
BELTS	Single Sided	Neoprene	2-10		2-51	2-93
		Polyurethane	2-14	2-32	2-54	
	Double Sided	Neoprene			2-55	2-95
		Polyurethane	2-16		2-56	
	Belt Stock	Neoprene	2-6		2-6	2-6
		Polyurethane			2-6	2-6
PULLEYS	Aluminum	With Set-Screw Hub	2-22	2-39	2-61	2-98
		With Fairloc® Hub	2-21			
	Steel				2-68	2-99
	Acetal	Without Insert		2-49	2-87	
		With Insert		2-45		
	Nylon	Without Insert			2-89	
		With Insert			2-92	2-102
	Poly-carbonate	Without Insert	2-29		2-82	
		With Insert	2-27		2-75	
		With Metal Hub	2-25		2-73	2-100
		With Fairloc® Hub			2-71	
	Shaftloc®				2-92	2-104
	Pulley Flanges		2-17	2-36	2-57	2-96
	Pulley Stock		2-18	2-37	2-58	2-97



Timing Belts & Pulleys Locator Chart



			TIMING BELT DRIVES							
			HTD®		GT®2			T2.5	T5	T10
			3 mm	5 mm	2 mm	3 mm	5 mm	2.5 mm	5 mm	10 mm
BELTS	Single Sided	Neoprene	2-105	2-126	2-152	2-162	2-173			
		Polyurethane						2-178	2-183	2-188
	Double Sided	Neoprene	2-107	2-128						
		Polyurethane							2-184	2-189
	Belt Stock	Neoprene	2-7	2-7	2-8	2-8	2-8			
		Polyurethane							2-7	2-7
PULLEYS	Aluminum	With Set-Screw Hub	2-115	2-135	2-157	2-167		2-181	2-187	
		With Fairloc® Hub	2-114		2-156	2-166				
	Steel									
	Acetal	Without Insert						2-182		
		With Insert								
	Nylon	Without Insert								
		With Insert	2-125	2-149						
	Poly-carbonate	Without Insert	2-123	2-147	2-161	2-172				
		With Insert	2-119	2-143	2-160	2-169				
		With Metal Hub		2-141						
		With Fairloc® Hub		2-139						
	Shaftloc®		2-125	2-151						
	Pulley Flanges		2-109	2-130	2-153	2-163	2-174	2-179	2-185	2-190
	Pulley Stock		2-110	2-131	2-154	2-164	2-175	2-180	2-186	2-191

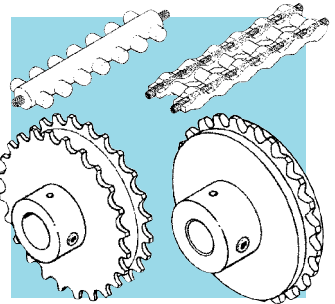
HTD® and GT®2 are registered trademarks of the Gates Rubber Company.



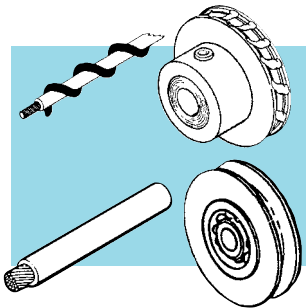
Miscellaneous Belt Drives Locator Chart



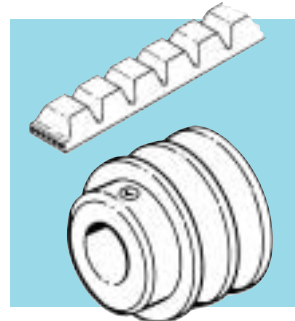
		POSI-DRIVES			
		Single Core	Twin Core	Single Core	Twin Core
	Material	20 P	20 P	32 P	.1475 CP
BELTS	Polyurethane	2-198	2-201	2-192	2-195
PULLEYS	Aluminum	2-199	2-202	2-193	2-196
	Stainless Steel	2-199	2-202	2-193	2-196



		SYNCHROMESH DRIVES	MINIATURE CABLES
		.120, .150, .200 & .250 Pitch	.024 - 1/8 OD
CABLE		2-231	2-235
PULLEYS		2-232	2-241



		"V" BELT DRIVES		
		Width		
	Material	1/4	3/8	1/2
BELTS	Neoprene	2-249		
PULLEYS	Nylon	2-250		
	Nylon with Metal Insert	2-250		
	Metal with Needle Bearing		2-254	2-254



		OTHER BELT DRIVES	
		O-Ring	Flat
Belts		2-238	2-247
Pulleys		2-241	2-248





Chains & Sprockets Locator Chart - Inch



Size Designation	21	19	1/4	18	17	14	3/8
Pitch	0.167	0.185	0.250	0.286	0.353	0.353	0.375

LADDER CHAINS

Stainless Steel	2-218	2-220	2-222	2-223	2-227	2-228	2-222
High Tensile Steel							
Steel							
Brass							2-222

LADDER CHAIN SPROCKETS

Stainless Steel			2-211				
Steel		2-221	2-212	2-224		2-228	
Brass		2-220			2-227		
Bronze				2-223			
Acetal	without Insert	2-219	2-216	2-226			
	with Insert	2-218		2-225			
Nylatron			2-215				2-217

Size Designation			#25 (1/4)	#35 (3/8)	#40 (1/2)
Pitch	0.1227	0.1475	0.250	0.375	0.500

ROLLER CHAINS

Stainless Steel		2-206	2-209		
High Tensile Steel			2-209		
Acetal	2-204		2-210	2-210	2-210
Nylatron		2-208	2-210	2-210	2-210

ROLLER CHAIN SPROCKETS

Stainless Steel		2-207	2-211		
Steel			2-212		
Acetal	2-205		2-216		2-217
Nylatron		2-208	2-215	2-217	2-217

MXL, XL & L Timing Belt Stock

Phone: 516-328-3300 Fax: 516-326-8827

NEOPRENE ■ POLYURETHANE ■ .080, 1/5 & 3/8 (2.032, 5.08 & 9.525 mm) PITCH

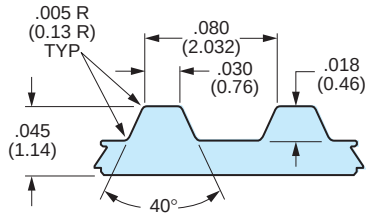


Fig. 1
 .080 Pitch MXL
 (2.032 Pitch)

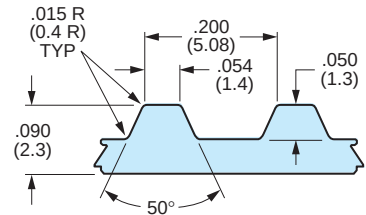
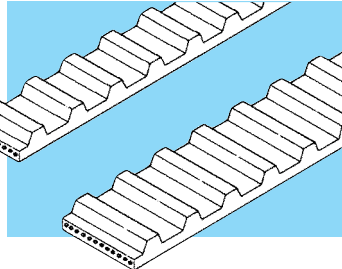


Fig. 2
 1/5 Pitch XL
 (5.08 Pitch)

APPLICATIONS

Metering, positioning, conveying and oscillating drives where belt lengths required are longer than standard endless belts.

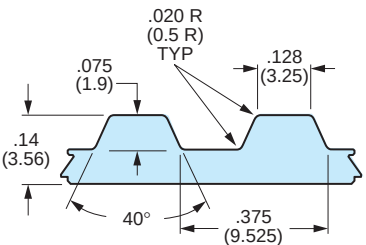
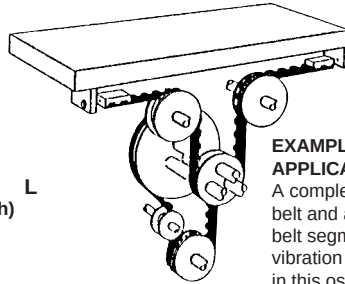


Fig. 3
 3/8 Pitch L
 (9.525 Pitch)



EXAMPLE OF APPLICATION

A complete timing belt and a timing belt segment reduce vibration and chatter in this oscillating drive for a surface grinder.

NOTE: Dimensions in () are mm size.

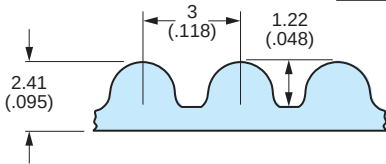
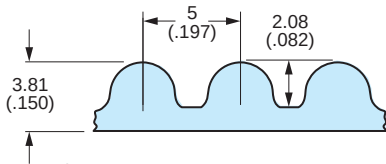
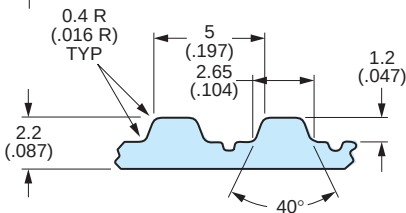
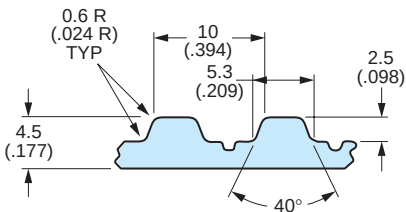
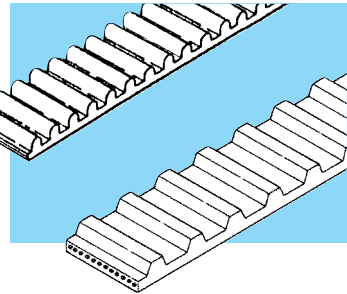
MATERIAL: Neoprene – Nylon Covered Fiberglass Reinforced
 Polyurethane – Reinforced with Steel Tensile Cords

See page ?-?? for Clamping Plates

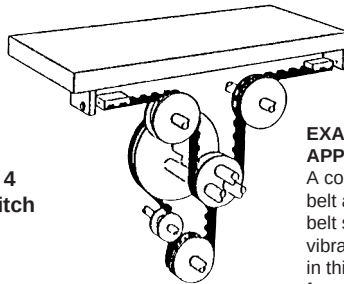
TEMPERATURE RANGE: Neoprene: -30°F to +185°F (-34°C to +85°C)
 Polyurethane: 0°F to +180°F (-18°C to +82°C)

Priced Per Foot or Meter

Catalog Number		Mat'l.	Profile	Pitch		Fig. No.	Belt Width		No. of Teeth Approx.	
Inch	Metric			Inch	mm		Inch	mm	Per Foot	Per Meter
A 6Z16-C012	A 6Z16MC030	Neoprene	MXL	.080	2.032	1	1/8	3	150	492
A 6Z16-C018	A 6Z16MC045						3/16	4.5		
A 6Z16-C025	A 6Z16MC060						1/4	6		
A 6Z16-C037	A 6Z16MC095						3/8	9.5		
A 6R 3-C025	A 6R 3MC060	Neoprene	XL	1/5	5.08	2	1/4	6	60	197
A 6R 3-C037	A 6R 3MC095						3/8	9.5		
A 6R 3-C050	A 6R 3MC130						1/2	13		
A 6T 3-C025	A 6T 3MC060						1/4	6		
A 6T 3-C037	A 6T 3MC095	Polyurethane	XL	1/5	5.08	2	3/8	9.5	60	197
A 6T 3-C050	A 6T 3MC130						1/2	13		
A 6R 4-C050	A 6R 4MC130	Neoprene	L	3/8	9.525	3	1/2	13	32	105
A 6R 4-C075	A 6R 4MC190						3/4	19		
A 6R 4-C100	A 6R 4MC250						1	25		
A 6T 4-C050	A 6T 4MC130						1/2	13		
A 6T 4-C075	A 6T 4MC190	Polyurethane	L	3/8	9.525	3	3/4	19	32	105
A 6T 4-C100	A 6T 4MC250						1	25		

■ **NEOPRENE**■ **POLYURETHANE**■ **3 & 5 mm HTD®**■ **T5 & T10 PITCH**■ **TRUE METRIC® PROFILE****Fig. 1**
3 mm HTD®**Fig. 2**
5 mm HTD®**Fig. 3**
T5 Pitch**Fig. 4**
T10 Pitch**APPLICATIONS**

Metering, positioning, conveying and oscillating drives where belt lengths required are longer than standard endless belts.

**EXAMPLE OF APPLICATION**

A complete timing belt and a timing belt segment reduce vibration and chatter in this oscillating drive for a surface grinder.

NOTE: Dimensions in () are inch size.**MATERIAL:** Neoprene – Nylon Covered Fiberglass Reinforced

Polyurethane – Reinforced with Steel Tensile Cords

TEMPERATURE RANGE: Neoprene: -34°C to +85°C (-30°F to +185°F)

Polyurethane: -18°C to +82°C (0°F to +180°F)

See page ??? for Clamping Plates

Priced Per Meter

Catalog Number	Material	Profile	Pitch		Fig. No.	Belt Width		No. of Teeth Per Meter Approx.
			mm	Inch		mm	Inch	
A 6R23MC060 A 6R23MC090 A 6R23MC250	Neoprene	HTD®	3	.118	1	6	.236	333
						9	.354	
						25	.984	
A 6R25MC060 A 6R25MC090 A 6R25MC130 A 6R25MC250			5	.197	2	6	.236	200
						9	.354	
						13	.512	
						25	.984	
A 6T35MC100 A 6T35MC150	Polyurethane	T	5	.197	3	10	.394	200
						15	.591	
A 6T39MC150 A 6T39MC250			10	.394	4	15	.591	100
						25	.984	

Other widths available on special order.

SDPSI	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>
GT®2 Timing Belt Stock					
Stock Drive Products/Sterling Instrument		Phone: 516-328-3300		Fax: 516-326-8827	

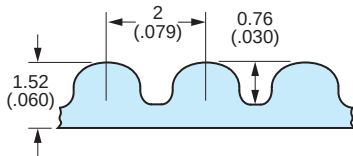
■ **TRUE METRIC®** PROFILE■ **NEOPRENE**■ **2, 3 & 5 mm GT®2**

Fig. 1
2 mm GT®2

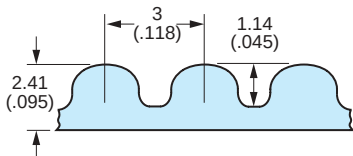


Fig. 2
3 mm GT®2

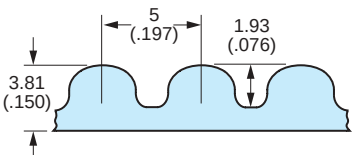
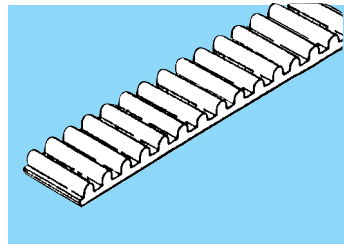


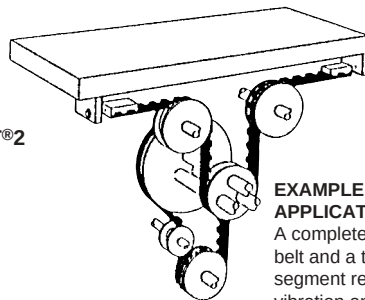
Fig. 3
5 mm GT®2

NOTE: Dimensions in () are inch size.



APPLICATIONS

Metering, positioning, conveying and oscillating drives where belt lengths required are longer than standard endless belts.



EXAMPLE OF APPLICATION

A complete timing belt and a timing belt segment reduce vibration and chatter in this oscillating drive for a surface grinder.

See page?-?? for Clamping Plates

MATERIAL: Neoprene – Nylon Covered Fiberglass Reinforced

TEMPERATURE RANGE: Neoprene: -34°C to +85°C (-30°F to +185°F) Priced Per Meter

Catalog Number	Pitch		Fig. No.	Belt Width		No. of Teeth Per Meter Approx.
	mm	Inch		mm	Inch	
A 6R51MC060	2	.079	1	6	.236	500
A 6R51MC090				9	.354	
A 6R51MC120				12	.472	
A 6R53MC060	3	.118	2	6	.236	333
A 6R53MC090				9	.354	
A 6R53MC120				12	.472	
A 6R55MC090	5	.197	3	9	.354	200
A 6R55MC120				12	.472	

Other widths available on special order.

Belt Tension Testers**Stock Drive Products/Sterling Instrument****Phone: 516-328-3300****Fax: 516-326-8827**■ **FAST, ACCURATE TENSION READINGS**■ **EASY TO USE**■ **COMPACT & LIGHT**

Testing tension with a spring tester requires muscle, a piece of string and at least three hands! The Sonic Tension Meter works on the theory that belts, like strings, vibrate at a particular natural frequency based on mass and span length. The meter converts this frequency into a measurement of tension.

To test tension:

1. Enter belt mass constant, belt width & span length into meter.
2. Hold meter to belt span, then strum belt to make it vibrate. The meter will measure the vibration and convert into belt tension.

Features:

- Output reading measurable in hertz, pounds, kilograms and newtons.
- Frequency range from 10-5000 hertz.
- Variable frequency range filters.
- Auto gain control automatically adjusts meter sensitivity.
- 20 memory registers for belt constants.

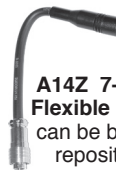


Model 507C
shown with Cord Sensor

SONIC TENSION METER WITH CORD SENSOR

Catalog Number	Model
A14Z 6-742004	507C

**OPTIONAL ACCESSORIES**

 A14Z 7-742010 Inductive Sensor: use in high-noise or windy environments	 A14Z 7-742004 Flexible Sensor: can be bent and repositioned for one-hand operations	 A14Z 7-742006 Replacement Cord Sensor	A14Z 7-742008 Replacement A/C Adapter: only available for former Model 305FD
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PENCIL TYPE TENSION GAUGE

Maximum deflection force: 30lbs.

Catalog Number
A14Z 6-740176



SDP/SI

Stock Drive Products/Sterling Instrument

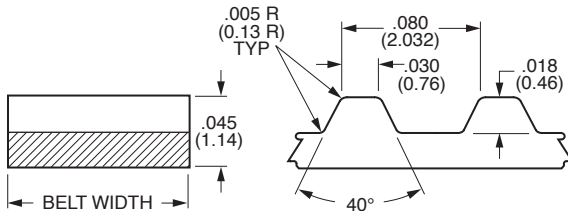
Phone: 516-326-3300

Fax: 516-326-8827

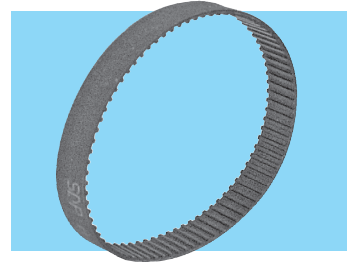
MXL Timing Belts - .080" or 2.03 mm Pitch

■ NEOPRENE

■ 1/8, 3/16, 1/4, 5/16 & 3/8 INCH - 3, 4.5, 6, 8 & 9.5 mm WIDE



NOTE: Dimensions in () are mm.



CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 Z 1 6 -	012	1/8	A 6Z16-041018 is a 41 Groove 3/16 Wide Belt.
	No. of Grooves (See tables below)	018	3/16	
	Width Code (See right)	025	1/4	
		031	5/16	
		037	3/8	
METRIC	A 6 Z 1 6 M	030	3 mm	A 6Z16M085045 is an 85 Groove 4.5 mm Wide Belt.
	No. of Grooves (See tables below)	045	4.5 mm	
	Width Code (See right)	060	6 mm	
		080	8 mm	
		095	9.5 mm	

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene**BREAKING STRENGTH:** 51 lbs. per 1/8 (72 N per 1 mm) belt width; not representative of the load-carrying capacity of the belt.**WORKING TENSION:** 18 lbs. for 1 in. belt (80 N for 25.4 mm belt). For more on Working Tension, see the technical section.**TEMPERATURE RANGE:** -30°F to +185°F (-34°C to +85°C)

No. of Grooves	Pitch Length	
	Inch	mm
30	2.40	60.96
35	2.80	71.12
36	2.88	73.15
37	2.96	75.18
39	3.12	79.25
40	3.20	81.28
41	3.28	83.31
42	3.36	85.34
43	3.44	87.38
44	3.52	89.41
45	3.60	91.44
46	3.68	93.47
47	3.76	95.5
48	3.84	97.54
49	3.92	99.57
50	4.00	101.6
52	4.16	105.66
53	4.24	107.7
54	4.32	109.73
55	4.40	111.76

No. of Grooves	Pitch Length	
	Inch	mm
56	4.48	113.79
57	4.56	115.82
58	4.64	117.86
59	4.72	119.89
60	4.80	121.92
61	4.88	123.95
62	4.96	125.98
63	5.04	128.02
64	5.12	130.05
65	5.20	132.08
67	5.36	136.14
68	5.44	138.18
69	5.52	140.21
70	5.60	142.24
71	5.68	144.27
72	5.76	146.3
73	5.84	148.34
74	5.92	150.37
75	6.00	152.4
76	6.08	154.43

No. of Grooves	Pitch Length	
	Inch	mm
77	6.16	156.46
78	6.24	158.50
79	6.32	160.53
80	6.40	162.56
81	6.48	164.59
82	6.56	166.62
83	6.64	168.66
84	6.72	170.69
85	6.80	172.72
86	6.88	174.75
87	6.96	176.78
88	7.04	178.82
90	7.20	182.88
91	7.28	184.91
92	7.36	186.94
93	7.44	188.98
94	7.52	191.01
95	7.60	193.04
96	7.68	195.07
97	7.76	197.1

Continued on the next page

Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.

SDP/SI

Stock Drive Products/Sterling Instrument

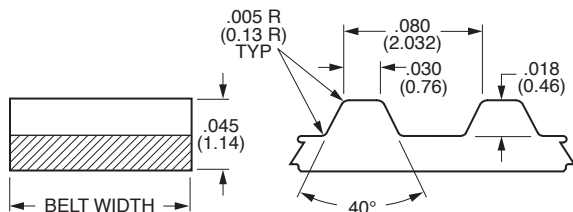
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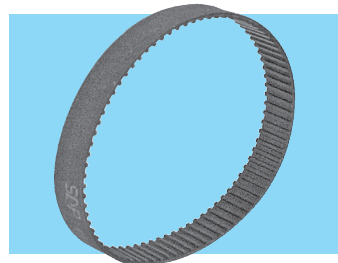
MXL Timing Belts - .080" or 2.03 mm Pitch

■ NEOPRENE

■ 1/8, 3/16, 1/4, 5/16 & 3/8 INCH - 3, 4.5, 6, 8 & 9.5 mm WIDE



NOTE: Dimensions in () are mm.



CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 Z 1 6 -	012	1/8	A 6Z16-160025 is a 160 Groove 1/4 Wide Belt.
	No. of Grooves (See tables below)	018	3/16	
		025	1/4	
		031	5/16	
		037	3/8	
METRIC	A 6 Z 1 6 M	030	3 mm	A 6Z16M130095 is a 130 Groove 9.5 mm Wide Belt.
	No. of Grooves (See tables below)	045	4.5 mm	
		060	6 mm	
		080	8 mm	
		095	9.5 mm	

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene**BREAKING STRENGTH:** 51 lbs. per 1/8 (72 N per 1 mm) belt width; not representative of the load-carrying capacity of the belt.**WORKING TENSION:** 18 lbs. for 1 in. belt (80 N for 25.4 mm belt). For more on Working Tension, see the technical section.**TEMPERATURE RANGE:** -30°F to +185°F (-34°C to +85°C)

No. of Grooves	Pitch Length	
	Inch	mm
98	7.84	199.14
99	7.92	201.17
100	8.00	203.2
101	8.08	205.23
102	8.16	207.26
103	8.24	209.3
104	8.32	211.33
105	8.40	213.36
106	8.48	215.39
107	8.56	217.42
108	8.64	219.46
109	8.72	221.49
110	8.80	223.52
112	8.96	227.58
114	9.12	231.65
115	9.20	233.68
117	9.36	237.74
118	9.44	239.78
119	9.52	241.81
120	9.60	243.84

No. of Grooves	Pitch Length	
	Inch	mm
121	9.68	245.87
122	9.76	247.9
123	9.84	249.94
124	9.92	251.97
125	10.00	254
126	10.08	256.03
127	10.16	258.06
128	10.24	260.1
129	10.32	262.13
130	10.40	264.16
131	10.48	266.19
132	10.56	268.22
134	10.72	272.29
135	10.80	274.32
136	10.88	276.35
137	10.96	278.38
138	11.04	280.42
139	11.12	282.45
140	11.20	284.48
142	11.36	288.54

No. of Grooves	Pitch Length	
	Inch	mm
143	11.44	290.58
144	11.52	292.61
145	11.60	294.64
146	11.68	296.67
147	11.76	298.7
148	11.84	300.74
149	11.92	302.77
150	12.00	304.8
151	12.08	306.83
153	12.24	310.9
154	12.32	312.93
155	12.40	314.96
156	12.48	316.99
157	12.56	319.02
158	12.64	321.06
159	12.72	323.09
160	12.80	325.12
162	12.96	329.18
163	13.04	331.22
164	13.12	333.25

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Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.

SDP/SI

Stock Drive Products/Sterling Instrument

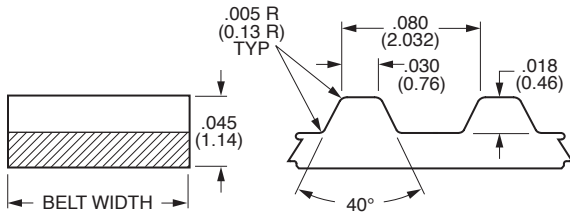
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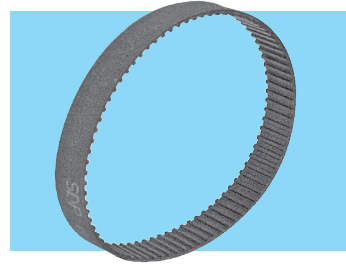
MXL Timing Belts - .080" or 2.03 mm Pitch

■ NEOPRENE

■ 1/8, 3/16, 1/4, 5/16 & 3/8 INCH - 3, 4.5, 6, 8 & 9.5 mm WIDE



NOTE: Dimensions in () are mm.



CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 Z 1 6 -	012	1/8	A 6Z16-205031 is a 205 Groove 5/16 Wide Belt.
	No. of Grooves (See tables below)	018	3/16	
		025	1/4	
		031	5/16	
		037	3/8	
METRIC	A 6 Z 1 6 M	030	3 mm	A 6Z16M271045 is a 271 Groove 4.5 mm Wide Belt.
	No. of Grooves (See tables below)	045	4.5 mm	
		060	6 mm	
		080	8 mm	
		095	9.5 mm	

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene**BREAKING STRENGTH:** 51 lbs. per 1/8 (72 N per 1 mm) belt width; not representative of the load-carrying capacity of the belt.**WORKING TENSION:** 18 lbs. for 1 in. belt (80 N for 25.4 mm belt). For more on Working Tension, see the technical section.**TEMPERATURE RANGE:** -30°F to +185°F (-34°C to +85°C)

No. of Grooves	Pitch Length	
	Inch	mm
165	13.20	335.28
166	13.28	337.31
167	13.36	339.34
169	13.52	343.41
170	13.60	345.44
171	13.68	347.47
175	14.00	355.6
177	14.16	359.66
180	14.40	365.76
184	14.72	373.89
186	14.88	377.95
188	15.04	382.02
190	15.20	386.08
192	15.36	390.14
194	15.52	394.21
195	15.60	396.24
196	15.68	398.27
200	16.00	406.4
203	16.24	412.5

No. of Grooves	Pitch Length	
	Inch	mm
204	16.32	414.53
205	16.40	416.56
208	16.64	422.66
210	16.80	426.72
212	16.96	430.78
215	17.20	436.88
216	17.28	438.91
220	17.60	447.04
221	17.68	449.07
222	17.76	451.1
224	17.92	455.17
225	18.00	457.2
226	18.08	459.23
228	18.24	463.3
229	18.32	465.33
230	18.40	467.36
232	18.56	471.42
234	18.72	475.49
235	18.80	477.52

No. of Grooves	Pitch Length	
	Inch	mm
236	18.88	479.55
239	19.12	485.65
240	19.20	487.68
243	19.44	493.78
245	19.60	497.84
248	19.84	503.94
249	19.92	505.97
250	20.00	508
251	20.08	510.03
255	20.40	518.16
256	20.48	520.19
260	20.80	528.32
262	20.96	532.38
265	21.20	538.48
267	21.36	542.54
268	21.44	544.58
270	21.60	548.64
271	21.68	550.67
273	21.84	554.74

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Special Widths - cut to size from sleeves available from stock.
Pulleys are available with inch or metric standards.

SDP/SI

Stock Drive Products/Sterling Instrument

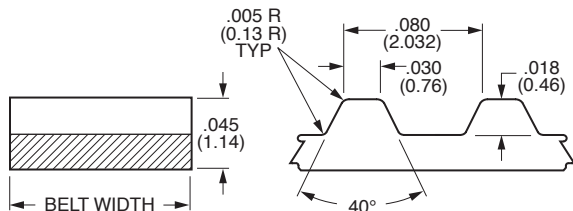
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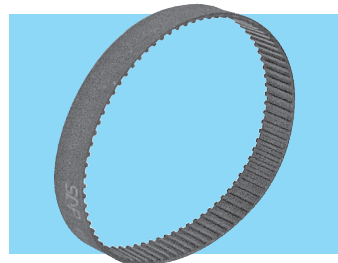
MXL Timing Belts - .080" or 2.03 mm Pitch

■ NEOPRENE

■ 1/8, 3/16, 1/4, 5/16 & 3/8 INCH - 3, 4.5, 6, 8 & 9.5 mm WIDE



NOTE: Dimensions in () are mm.



CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 Z 1 6 -	012	1/8	A 6Z16-323018 is a 323 Groove 3/16 Wide Belt.
	No. of Grooves (See tables below) Width Code (See right)	018	3/16	
		025	1/4	
		031	5/16	
		037	3/8	
METRIC	A 6 Z 1 6 M	030	3 mm	A 6Z16M412080 is a 412 Groove 8 mm Wide Belt.
	No. of Grooves (See tables below) Width Code (See right)	045	4.5 mm	
		060	6 mm	
		080	8 mm	
		095	9.5 mm	

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene**BREAKING STRENGTH:** 51 lbs. per 1/8 (72 N per 1 mm) belt Width; not representative of the load-carrying capacity of the belt.**WORKING TENSION:** 18 lbs. for 1 in. belt (80 N for 25.4 mm belt). For more on Working Tension, see the technical section.**TEMPERATURE RANGE:** -30°F to +185°F (-34°C to +85°C)

No. of Grooves	Pitch Length	
	Inch	mm
275	22.00	558.80
280	22.40	568.96
281	22.48	570.99
285	22.80	579.12
288	23.04	585.22
290	23.20	589.28
295	23.60	599.44
297	23.76	603.50
298	23.84	605.54
300	24.00	609.6
305	24.40	619.76
308	24.64	625.86
310	24.80	629.92
312	24.96	633.98
315	25.20	640.08
318	25.44	646.18
320	25.60	650.24
322	25.76	654.30
323	25.84	656.34

No. of Grooves	Pitch Length	
	Inch	mm
324	25.92	658.37
325	26.00	660.40
326	26.08	662.43
328	26.24	666.5
330	26.40	670.56
332	26.56	674.62
334	26.72	678.69
336	26.88	682.75
337	26.96	684.78
338	27.04	686.82
339	27.12	688.85
340	27.20	690.88
342	27.36	694.94
343	27.44	696.98
347	27.76	705.1
350	28.00	711.20
354	28.32	719.33
355	28.40	721.36
356	28.48	723.39

No. of Grooves	Pitch Length	
	Inch	mm
358	28.64	727.46
359	28.72	729.49
360	28.80	731.52
364	29.12	739.65
365	29.20	741.68
371	29.68	753.87
372	29.76	755.9
380	30.40	772.16
388	31.04	788.42
390	31.20	792.48
397	31.76	806.7
400	32.00	812.8
402	32.16	816.86
405	32.40	822.96
408	32.64	829.06
410	32.80	833.12
412	32.96	837.18
413	33.04	839.22
419	33.52	851.41

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Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.

SDP/SI

Stock Drive Products/Sterling Instrument

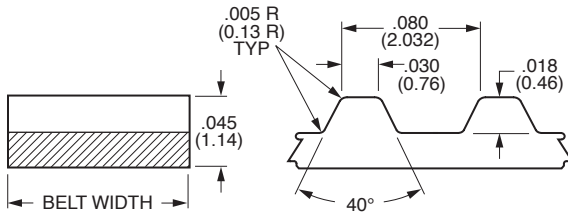
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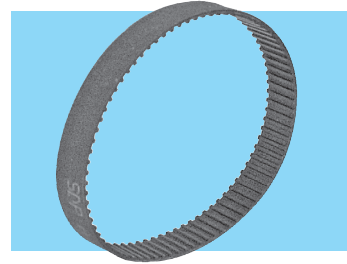
MXL Timing Belts - .080" or 2.03 mm Pitch

■ NEOPRENE

■ 1/8, 3/16, 1/4, 5/16 & 3/8 INCH - 3, 4.5, 6, 8 & 9.5 mm WIDE



NOTE: Dimensions in () are mm.



CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 Z 1 6 -	012	1/8	A 6Z16-408031 is a 408 Groove 5/16 Wide Belt.
	No. of Grooves (See tables below) Width Code (See right)	018	3/16	
		025	1/4	
		031	5/16	
		037	3/8	
METRIC	A 6 Z 1 6 M	030	3 mm	A 6Z16M298030 is a 298 Groove 3 mm Wide Belt.
	No. of Grooves (See tables below) Width Code (See right)	045	4.5 mm	
		060	6 mm	
		080	8 mm	
		095	9.5 mm	

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene**BREAKING STRENGTH:** 51 lbs. per 1/8 (72 N per 1 mm) belt Width; not representative of the load-carrying capacity of the belt.**WORKING TENSION:** 18 lbs. for 1 in. belt (80 N for 25.4 mm belt). For more on Working Tension, see the technical section.**TEMPERATURE RANGE:** -30°F to +185°F (-34°C to +85°C)

No. of Grooves	Pitch Length	
	Inch	mm
420	33.60	853.44
421	33.68	855.47
424	33.92	861.57
425	34.00	863.6
427	34.16	867.66
431	34.48	875.79
434	34.72	881.89
435	34.80	883.92
436	34.88	885.95
440	35.20	894.08
442	35.36	898.14
447	35.76	908.30
448	35.84	910.34
453	36.24	920.5
458	36.64	930.66
463	37.04	940.82
464	37.12	942.85
466	37.28	946.91
468	37.44	950.98
472	37.76	959.10

No. of Grooves	Pitch Length	
	Inch	mm
473	37.84	961.14
475	38.00	965.2
480	38.40	975.36
482	38.56	979.42
487	38.96	989.58
488	39.04	991.62
490	39.20	995.68
493	39.44	1001.78
497	39.76	1009.90
498	39.84	1011.94
500	40.00	1016
505	40.40	1026.16
516	41.28	1048.51
522	41.76	1060.70
524	41.92	1064.77
525	42.00	1066.80
532	42.56	1081.02
535	42.80	1087.12
537	42.96	1091.18
540	43.20	1097.28

No. of Grooves	Pitch Length	
	Inch	mm
543	43.44	1103.38
546	43.68	1109.47
548	43.84	1113.54
550	44.00	1117.60
571	45.68	1160.27
579	46.32	1176.52
591	47.28	1200.91
592	47.36	1202.94
599	47.92	1217.17
600	48.00	1219.2
612	48.96	1243.58
648	51.84	1316.74
660	52.80	1341.12
665	53.20	1351.28
681	54.48	1383.79
694	55.52	1410.21
913	73.04	1855.22
*1189	95.12	2416.05

*The catalog number for this length belt is **A 6Z16** **B89** Special Widths - cut to size from sleeves available from stock. Pulleys are available with inch or metric standards.
2-13B REV 3-1-06 SS

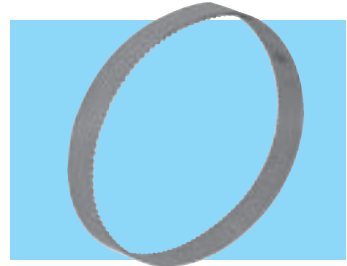
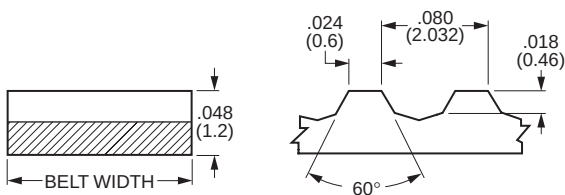
MXL Timing Belts - .080" or 2.03 mm Pitch

Phone: 516-328-3300

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■ POLYURETHANE

■ 1/8, 3/16, 1/4, 5/16 & 3/8 INCH - 3, 4.5, 6, 8 & 9.5 mm WIDE



NOTE: Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:				Width Code	Belt Width	Example
INCH	A 6	16	-	012	1/8	A 6G16-045031 is a 45 Groove 5/16 Wide Belt with Polyester Cord.
	Polyester Cord G	No. of Grooves (See tables below)		018	3/16	
	Kevlar Cord B			025	1/4	
				031	5/16	
				037	3/8	
METRIC	A 6	16 M	-	030	3 mm	A 6B16M035095 is a 35 Groove 9.5 mm Wide Belt with Kevlar Cord.
	Polyester Cord G	No. of Grooves (See tables below)		045	4.5 mm	
	Kevlar Cord B			060	6 mm	
				080	8 mm	
				095	9.5 mm	

MATERIAL: Body – Polyurethane; Cord – Polyester Balanced Construction or Kevlar

 Δ BREAKING STRENGTH: Polyester: < 155 Grooves – 40 lbs. per 1/8 (56 N per 1 mm) Belt Width
 ≥ 155 Grooves – 80 lbs. per 1/8 (112 N per 1 mm) Belt Width

 Kevlar: < 155 Grooves – 80 lbs. per 1/8 (112 N per 1 mm) Belt Width
 ≥ 155 Grooves – 130 lbs. per 1/8 (182 N per 1 mm) Belt Width

TEMPERATURE RANGE: Continuous: 0°F to +185°F (-18°C to +85°C)

Intermittent: up to +250°F (+121°C)

No. of Grooves	Pitch Length	
	Inch	mm
30	2.40	60.96
35	2.80	71.12
36	2.88	73.15
40	3.20	81.28
45	3.60	91.44
46	3.68	93.47
48	3.84	97.53
50	4.00	101.6
51	4.08	103.63
54	4.32	109.6
55	4.40	111.76
60	4.80	121.92
61	4.88	123.95
64	5.12	130.05
65	5.20	132.08
68	5.44	138.18
70	5.60	142.24
71	5.68	144.27
73	5.84	148.34

No. of Grooves	Pitch Length	
	Inch	mm
75	6.00	152.4
78	6.24	158.5
79	6.32	160.53
80	6.40	162.56
82	6.56	166.62
83	6.64	168.66
85	6.80	172.72
87	6.96	176.78
88	7.04	178.82
*89	7.12	180.85
90	7.20	182.88
91	7.28	184.91
93	7.44	188.98
95	7.60	193.04
97	7.76	197.1
100	8.00	203.2
102	8.16	207.26
103	8.24	209.3
105	8.40	213.36

No. of Grooves	Pitch Length	
	Inch	mm
106	8.48	215.39
110	8.80	223.52
112	8.96	227.58
114	9.12	231.65
115	9.20	233.68
118	9.44	239.77
120	9.60	243.84
122	9.76	247.9
123	9.84	249.93
125	10.00	254
126	10.08	256.03
130	10.40	264.16
132	10.56	268.22
135	10.80	274.32
140	11.20	284.48
144	11.52	292.61
145	11.60	294.64
150	12.00	304.8
155	12.40	314.96

*This belt not available with Kevlar cord.

Δ Breaking strength is not representative of the load-carrying capacity of the belt.

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Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.

SDP/SI

Stock Drive Products/Sterling Instrument

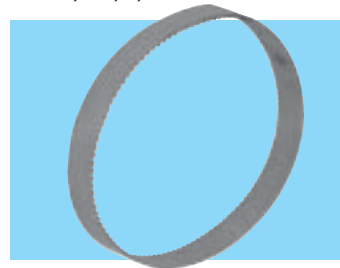
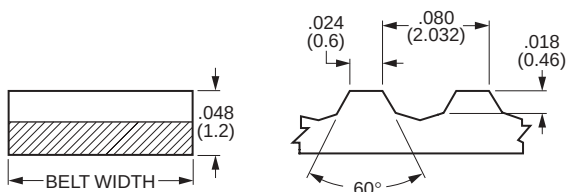
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MXL Timing Belts - .080" or 2.03 mm Pitch

■ POLYURETHANE

■ 1/8, 3/16, 1/4, 5/16 & 3/8 INCH - 3, 4.5, 6, 8 & 9.5 mm WIDE

**NOTE:** Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 16 -	012	1/8	A 6G16-270031 is a 270 Groove 5/16 Wide Belt with Polyester Cord.
	Polyester Cord G	018	3/16	
	Kevlar Cord B	025	1/4	
	No. of Grooves (See tables below)	031	5/16	
		037	3/8	
METRIC	A 6 16 M	030	3 mm	A 6B16M160095 is a 160 Groove 9.5 mm Wide Belt with Kevlar Cord.
	Polyester Cord G	045	4.5 mm	
	Kevlar Cord B	060	6 mm	
	No. of Grooves (See tables below)	080	8 mm	
		095	9.5 mm	

MATERIAL: Body – Polyurethane; Cord – Polyester Balanced Construction or Kevlar**Δ BREAKING STRENGTH: Polyester:** < 155 Grooves – 40 lbs. per 1/8 (56 N per 1 mm) Belt Width
≥ 155 Grooves – 80 lbs. per 1/8 (112 N per 1 mm) Belt Width**Kevlar:** < 155 Grooves – 80 lbs. per 1/8 (112 N per 1 mm) Belt Width
≥ 155 Grooves – 130 lbs. per 1/8 (182 N per 1 mm) Belt Width**TEMPERATURE RANGE:** Continuous: 0°F to +185°F (-18°C to +85°C)

Intermittent: up to +250°F (+121°C)

No. of Grooves	Pitch Length	
	Inch	mm
160	12.80	325.12
165	13.20	335.28
170	13.60	345.44
175	14.00	355.6
180	14.40	365.76
184	14.72	373.88
185	14.80	375.92
190	15.20	386.08
195	15.60	396.24
200	16.00	406.4
205	16.40	416.56
210	16.80	426.72
212	16.96	430.78
215	17.20	436.88
220	17.60	447.04
225	18.00	457.2
230	18.40	467.36
235	18.80	477.52

No. of Grooves	Pitch Length	
	Inch	mm
240	19.20	487.68
245	19.60	497.84
249	19.92	505.97
250	20.00	508
255	20.40	518.16
260	20.80	528.32
265	21.20	538.48
270	21.60	548.64
275	22.00	558.8
280	22.40	568.96
285	22.80	579.12
290	23.20	589.28
295	23.60	599.44
300	24.00	609.6
310	24.80	629.92
315	25.20	640.08
320	25.60	650.24
324	25.92	658.37

No. of Grooves	Pitch Length	
	Inch	mm
330	26.40	670.56
340	27.20	690.88
350	28.00	711.2
360	28.80	731.52
370	29.60	751.84
380	30.40	772.16
390	31.20	792.48
400	32.00	812.8
403	32.24	818.9
*420	33.60	853.44
434	34.72	881.89
454	36.32	922.53
482	38.56	979.42
502	40.16	1020.06
515	41.20	1046.48
**1500	120.00	3048

Δ Breaking strength is not representative of the load-carrying capacity of the belt.

Special Widths - cut to size from sleeves available from stock.

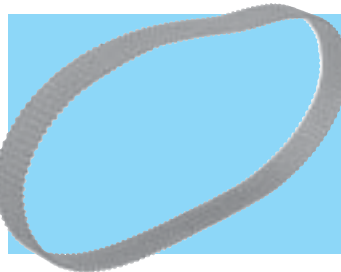
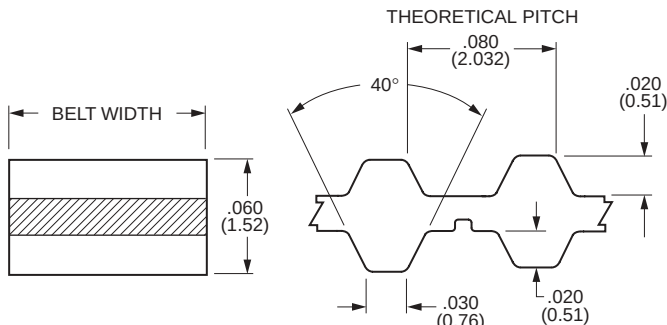
Pulleys are available with inch or metric standards.

* This size only available with polyester cord.

** The part number for this length belt is A 6 16 15C .



MXL Double-Sided Belts - .080" or 2.03 mm Pitch

Stock Drive Products/Sterling Instrument
Phone: 516-328-3300
Fax: 516-326-8827
■ POLYURETHANE
■ 1/8, 3/16, 1/4 & 3/8 INCH - 3, 4.5, 6 & 9.5 mm WIDE

NOTE: Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 B 16 - D	012	1/8	A 6B16-D155025 is a 155 Groove 1/4 Wide Belt.
	No. of Grooves Width Code	018	3/16	
	(See tables below) (See right)	025	1/4	
		037	3/8	
METRIC	A 6 B 16 M D	030	3 mm	A 6B16MD475045 is a 475 Groove 4.5 mm Wide Belt.
	No. of Grooves Width Code	045	4.5 mm	
	(See tables below) (See right)	060	6 mm	
		095	9.5 mm	

MATERIAL: Body – Polyurethane

Cord – Kevlar

^Δ**BREAKING STRENGTH:** < 155 Grooves – 80 lbs. per 1/8 (112 N per 1 mm) Belt Width
 ≥ 155 Grooves – 130 lbs. per 1/8 (182 N per 1 mm) Belt Width

TEMPERATURE RANGE: Continuous: 0°F to +180°F (-18°C to +82°C)

Intermittent: up to +248°F (+120°C)

No. of Grooves	Pitch Length	
	Inch	mm
132	10.56	268.22
136	10.88	276.35
145	11.60	294.64
150	12.00	304.80
155	12.40	314.96
160	12.80	325.12
165	13.20	335.28
170	13.60	345.44
175	14.00	355.6
180	14.40	365.76
185	14.80	375.92
190	15.20	386.08

No. of Grooves	Pitch Length	
	Inch	mm
195	15.60	396.24
200	16.00	406.4
212	16.96	430.78
236	18.88	479.55
250	20.00	508
265	21.20	538.48
300	24.00	609.6
315	25.20	640.08
355	28.40	721.36
400	32.00	812.8
475	38.00	965.2
500	40.00	1016

^Δ Breaking Strength is not representative of the load-carrying capacity of the belt.

Special Widths - cut to size from sleeves available from stock.

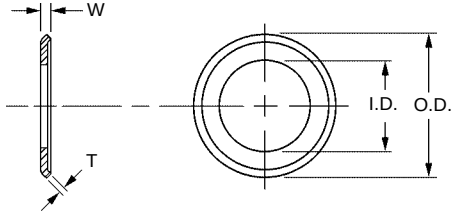
Pulleys are available with inch or metric standards.



INCH

Pulley Flanges For MXL .080 & 40 D.P. Pitch

■ ALUMINUM



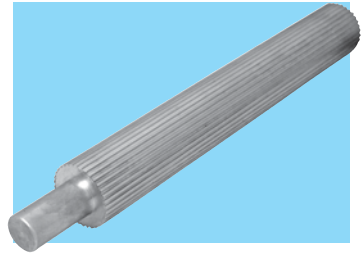
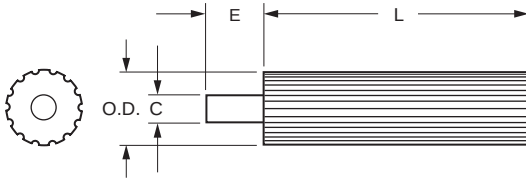
MATERIAL: Aluminum Alloy

Priced Per 25 Pieces

Catalog Number	Pulley Grooves (Ref.)	I.D. ± .003	O.D. ± 1/64	W Width ± .010	T Thickness
A 6A 5-010FA	10	.188	.425	.045	.025
A 6A 5-011FA	11	.214	.450	.045	.025
A 6A 5-012FA	12	.218	.480	.045	.025
A 6A 5-013FA	13	.244	.505	.045	.025
A 6A 5-014FA	14	.270	.530	.045	.025
A 6A 5-015FA	15	.296	.555	.045	.025
A 6A 5-016FA	16	.322	.580	.045	.025
A 6A 5-018FA	18	.374	.635	.052	.032
A 6A 5-020FA	20	.426	.685	.052	.032
A 6A 5-021FA	21	.452	.710	.052	.032
A 6A 5-022FA	22	.452	.740	.052	.032
A 6A 5-024FA	24	.504	.790	.052	.032
A 6A 5-025FA	25	.530	.815	.052	.032
A 6A 5-026FA	26	.556	.840	.052	.032
A 6A 5-028FA	28	.574	.895	.052	.032
A 6A 5-030FA	30	.626	.945	.052	.032
A 6A 5-032FA	32	.678	1.000	.052	.032
A 6A 5-033FA	33	.704	1.025	.052	.032
A 6A 5-034FA	34	.722	1.050	.052	.032
A 6A 5-035FA	35	.748	1.080	.052	.032
A 6A 5-036FA	36	.774	1.105	.052	.032
A 6A 5-038FA	38	.826	1.155	.052	.032
A 6A 5-040FA	40	.874	1.210	.060	.040
A 6A 5-042FA	42	.926	1.260	.060	.040
A 6A 5-044FA	44	.978	1.315	.060	.040
A 6A 5-045FA	45	1.044	1.340	.060	.040
A 6A 5-048FA	48	1.058	1.420	.060	.040
A 6A 5-050FA	50	1.110	1.470	.060	.040
A 6A 5-054FA	54	1.200	1.575	.060	.040
A 6A 5-060FA	60	1.356	1.730	.060	.040

SDP/SI	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>
MXL Timing Pulley Stock - .080" or 2.03 mm Pitch					
Stock Drive Products/Sterling Instrument		Phone: 516-328-3300		Fax: 516-326-8827	

■ ALUMINUM



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Inch		Metric		C Shank Dia.	E Shank Length	L Minimum Usable Length	
		P.D.	O.D. +.002 - .000	P.D.	O.D. +.005				
A 6A15-010MXL02	10	.255	.235	6.5	5.96	5/16 (8)	1 (25.4)	2 (50.8)	
A 6A15-011MXL02	11	.280	.260	7.1	6.61	[3/16- 7/32 (5)] ^Δ			
A 6A15-012MXL02	12	.306	.286	7.8	7.25				
A 6A15-013MXL02	13	.331	.311	8.4	7.9	3/8 (9.5)			
A 6A15-014MXL03	14	.357	.337	9.1	8.55	[1/4 (6)] ^Δ			
A 6A15-015MXL03	15	.382	.362	9.7	9.19	7/16 (11.1) [5/16 (8)] ^Δ	3 (76.2)		
A 6A15-016MXL03	16	.407	.387	10.3	9.84				
A 6A15-017MXL03	17	.433	.413	11	10.49				
A 6A15-018MXL03	18	.458	.438	11.6	11.13	1/2 (12.7)	7/8 (22.2)	4 (101.6)	
A 6A15-019MXL03	19	.484	.464	12.3	11.78	[3/8 (10)] ^Δ			
A 6A15-020MXL04	20	.509	.489	12.9	12.43	3/8 (9.5)			
A 6A15-021MXL04	21	.535	.515	13.6	13.07				
A 6A15-022MXL04	22	.560	.540	14.2	13.72				
A 6A15-023MXL04	23	.586	.566	14.9	14.37	1/2 (12.7)	1 (25.4) [3/4 (19.1)] ^Δ	5 (127)	
A 6A15-024MXL05	24	.611	.591	15.5	15.02				
A 6A15-025MXL05	25	.637	.617	16.2	15.66				
A 6A15-026MXL05	26	.662	.642	16.8	16.31				
A 6A15-027MXL05	27	.687	.667	17.5	16.96				
A 6A15-028MXL05	28	.713	.693	18.1	17.6				
A 6A15-029MXL05	29	.738	.718	18.8	18.25				
A 6A15-030MXL06	30	.764	.744	19.4	18.9				
A 6A15-031MXL06	31	.789	.769	20.1	19.54				
A 6A15-032MXL06	32	.815	.795	20.7	20.19				
A 6A15-033MXL06	33	.840	.820	21.3	20.84				
A 6A15-034MXL06	34	.866	.846	22	21.48				
A 6A15-035MXL06	35	.891	.871	22.6	22.13				
A 6A15-036MXL06	36	.917	.897	23.3	22.78				
A 6A15-037MXL06	37	.942	.922	23.9	23.42				
A 6A15-038MXL06	38	.968	.948	24.6	24.07				
A 6A15-039MXL06	39	.993	.973	25.2	24.72				
A 6A15-040MXL07	40	1.019	.999	25.9	25.36				7 (177.8)

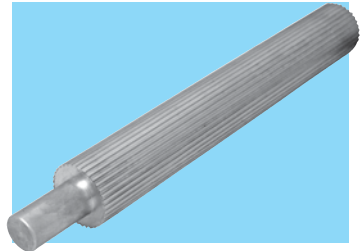
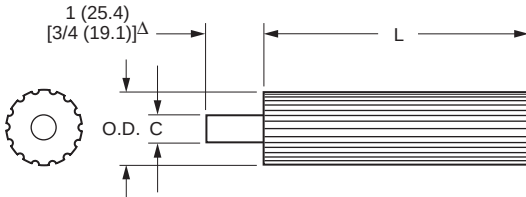
NOTE: Dimensions in () are metric size.

^ΔDimensions in [] may be substituted at SDP option.

Continued on the next page

SDPSI	Inch/Metric	Inch/Metric	Inch/Metric	Inch/Metric	Inch/Metric
MXL Timing Pulley Stock - .080" or 2.03 mm Pitch					
Stock Drive Products/Sterling Instrument		■ Phone: 516-328-3300	■ Fax: 516-326-8827		

■ ALUMINUM



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Inch		Metric		C Shank Dia.	L Minimum Usable Length
		P.D.	O.D.*	P.D.	O.D.*		
A 6A15-042MXL07	42	1.070	1.050	27.2	26.66	1/2 (12.7)	7 (177.8)
A 6A15-044MXL07	44	1.120	1.100	28.5	27.95		
A 6A15-045MXL07	45	1.146	1.126	29.1	28.6		
A 6A15-048MXL07	48	1.222	1.202	31	30.54		
A 6A15-049MXL07	49	1.248	1.228	31.7	31.19		
A 6A15-050MXL07	50	1.273	1.253	32.3	31.83		
A 6A15-051MXL07	51	1.299	1.279	33	32.48		
A 6A15-052MXL07	52	1.324	1.304	33.6	33.13		
A 6A15-054MXL07	54	1.375	1.355	34.9	34.42		
A 6A15-055MXL07	55	1.401	1.381	35.6	35.07		
A 6A15-056MXL07	56	1.426	1.406	36.2	35.71		
A 6A15-057MXL07	57	1.451	1.431	36.9	36.36		
A 6A15-060MXL08	60	1.528	1.508	38.8	38.3		
A 6A15-064MXL08	64	1.630	1.610	41.4	40.89		
A 6A15-065MXL08	65	1.655	1.635	42	41.53		
A 6A15-066MXL08	66	1.681	1.661	42.7	42.18	3/4 (19.1)	8 (203.2)
A 6A15-070MXL08	70	1.783	1.763	45.3	44.77		
A 6A15-072MXL08	72	1.833	1.813	46.6	46.06		
A 6A15-075MXL08	75	1.910	1.890	48.5	48		
A 6A15-080MXL08	80	2.037	2.017	51.7	51.24		
A 6A15-082MXL08	82	2.088	2.068	53	52.53		
A 6A15-084MXL08	84	2.139	2.119	54.3	53.82		
A 6A15-088MXL08	88	2.241	2.221	56.9	56.41		
A 6A15-090MXL08	90	2.292	2.272	58.2	57.7		
A 6A15-096MXL08	96	2.445	2.425	62.1	61.59		
A 6A15-098MXL08	98	2.496	2.476	63.4	62.88		
A 6A15-100MXL08	100	2.546	2.526	64.7	64.17		
A 6A15-102MXL08	102	2.597	2.577	66	65.47		
A 6A15-108MXL08	108	2.750	2.730	69.9	69.35		
A 6A15-110MXL08	110	2.801	2.781	71.1	70.64		
A 6A15-120MXL08	120	3.056	3.036	77.6	77.11		
A 6A15-130MXL08	130	3.310	3.290	84.1	83.58		
A 6A15-140MXL08	140	3.565	3.545	90.6	90.04		
A 6A15-150MXL08	150	3.820	3.800	97	96.51		

NOTE: Dimensions in () are metric size.

*O.D. Tolerance: From 42 to 75 grooves is +.003, -.000 (+ 0.06)

From 80 to 150 grooves is +.004, -.000 (+ 0.10)

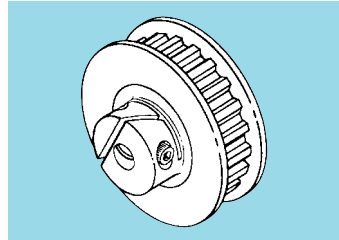
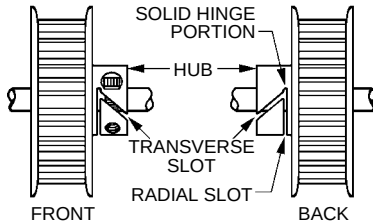
ΔDimension in [] may be substituted at SDP option.



Fairloc® - The Integral Fastener



The Better Way to Fasten Rotating Components.
Solves...Phasing, Timing, Positioning and Frequent Removal Problems



Here's How It Works!

Two slots are machined into the hub, one oriented radially, the other angularly, to create a transverse wedge which remains attached to the solid portion of the hub on one side. The resultant cantilevered clamping section has a tapped hole to accept a cap screw which passes through a clearance hole in the solid portion of the hub, and into a threaded hole in the transverse wedge section. As the screw is tightened, the cantilevered section clamps the shaft securely. The screw can be tightened and released repeatedly without marring the shaft or affecting its torque transmitting abilities.

Proved Most Effective

For precision application – Lab tests proved Fairloc® to be superior to all other comparable fasteners. For high torque application – Torques up to 400 in. lbs. are obtained with a 5/8" bore Fairloc® hub.

■ Full Use Of The Bore

Gives maximum support to the component, reduces wobble or misalignment.

■ Easy Adjustment

Fairloc® replaces set screws and clamps, eliminates marred shafts; components can be repositioned with a single hex key adjustment.

■ Compact, Self-Contained Design

When available space or access is limited Fairloc's® small hub envelope is a distinct advantage.

■ Very High Reliability

Fairloc® Hub Pulleys

Pitch	Page #
.080	2-21
1/5	2-71
3 mm HTD	2-114
5 mm HTD	2-139
2 mm GT2	2-156
3 mm GT2	2-166

Typical Application Areas For Fairloc® Include:

Computer Tape Drives, Aerospace Components, Aircraft Instrumentation, Aircraft Fuel Control Systems, Machine Tools, N/C Machines, Computer Input / Output Systems, Military Fire Control Systems, Medical Equipment, Business Machines, Optical Equipment, Power Drives.

FASTENER SELECTOR GUIDE						Legend
Fastening Method	A	B	C	D	E	
Clamps	Yes	No	No	Yes	No	A – Shaft remains smooth B – Self-contained (no additional inventory) C – Component is fully supported D – Easy adjustment E – Can be pinned if desired
*Fairloc®	Yes	Yes	Yes	Yes	Yes	
Keys	No	No	No	No	No	
Pins	No	No	No	No	Yes	
Set Screws	No	No	No	No	Yes	



SDPSI
Stock Drive Products/Sterling Instrument

MXL Timing Belt Pulleys - .080 Pitch

Phone: 516-328-3300 Fax: 516-326-8827

■ ALUMINUM

■ FAIRLOC® HUB

■ DOUBLE OR NO FLANGE

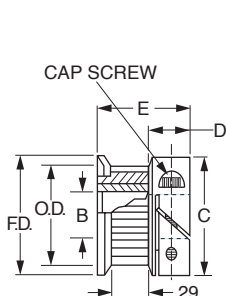


Fig. 1

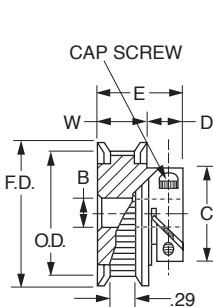


Fig. 2

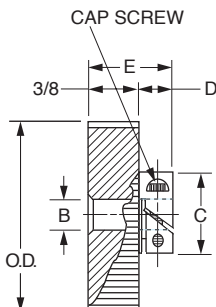
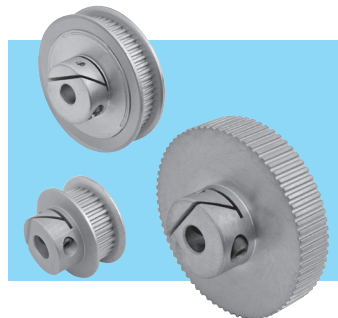


Fig. 3



FOR 1/4" BELTS

MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	F.D. ±1/64	B Bore +.001 -.000	W Body	E Length ±1/64	C Hub Dia. ±1/64	D Hub Proj.	Cap Screw
A 6D16-012DF2504	1	12	.306	.286	.480	.125	—	9/16	.480	15/64	#2-56
A 6D16-015DF2506		15	.382	.362	.555	.1875	—	9/16	.555	15/64	#2-56
A 6D16-016DF2506		16	.407	.387	.580				.580		
A 6D16-018DF2508		18	.458	.438	.635						
A 6D16-020DF2508		20	.509	.489	.685			9/16	.625	15/64	#2-56
A 6D16-022DF2508		22	.560	.540	.740						
A 6D16-024DF2508		24	.611	.591	.790	.250	—	11/16	.625	11/32	#2-56
A 6D16-025DF2508		25	.637	.617	.815						
A 6D16-028DF2508		28	.713	.693	.895						
A 6D16-030DF2508		30	.764	.744	.945			11/16	.625	11/32	#2-56
A 6D16-032DF2508	2	32	.815	.795	1.000						
A 6D16-036DF2508		36	.917	.897	1.105		.389	11/16	.625	19/64	#2-56
A 6D16-040DF2508		40	1.019	.999	1.210	.250					
A 6D16-048DF2508		48	1.222	1.202	1.420		.405	23/32	.750	5/16	#4-40
A 6D16-060DF2508		60	1.528	1.508	1.730						
A 6D16-060NF2508	3	60	1.528	1.508	—	.250	—	3/4	.750	3/8	#4-40
A 6D16-072NF2508		72	1.833	1.813	—						

NOTE: Other sizes available on special order.

*O.D. Tolerance: 12 to 32 grooves is +.002, -.000
36 to 72 grooves is +.003, -.000

SDPSI

Stock Drive Products/Sterling Instrument

MXL Timing Belt Pulleys - .080 Pitch

Phone: 516-328-3300 Fax: 516-326-8827

ALUMINUM

DOUBLE FLANGE

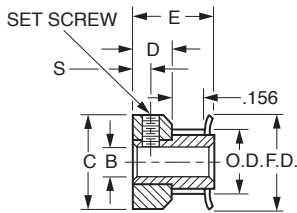


Fig. 1

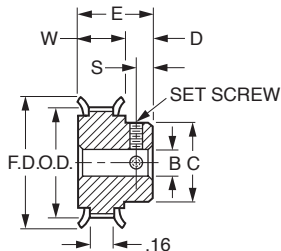
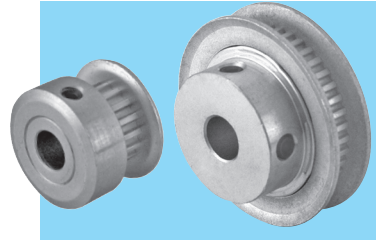


Fig. 2



LOW PROFILE FOR BELTS UP TO 1/8" WIDE

MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 -.000	W Body	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6N16-010DF1204	1	10	.255	.235	.425	.125	—	7/16	.425	15/64	7/64	#4-40
A 6N16-011DF1204		11	.280	.260	.450				.450			
A 6N16-012DF1204		12	.306	.286	.480				.480			
A 6N16-014DF1204		14	.357	.337	.530				.530			
A 6N16-015DF1206	2	15	.382	.362	.555	.1875	—	7/16	.555	15/64	7/64	#4-40
A 6N16-016DF1206		16	.407	.387	.580				.580			
A 6N16-018DF1206	1	18	.458	.438	.635	.1875	.260	31/64	.312	7/32	7/64	#4-40
A 6N16-018DF1208	1	18	.458	.438	.635	.250	—	7/16	.635	15/64	7/64	#4-40
A 6N16-020DF1206	2	20	.509	.489	.685	.1875	.260	31/64	.364	7/32	7/64	#4-40
A 6N16-020DF1208	1	20	.509	.489	.685	.250	—	7/16	.685	15/64	7/64	#4-40
A 6N16-021DF1206	2	21	.535	.515	.710	.1875	.260	31/64	.390	7/32	7/64	#4-40
A 6N16-021DF1208	1	21	.535	.515	.710	.250	—	7/16	.710	15/64	7/64	#4-40
A 6N16-022DF1206	2	22	.560	.540	.740	.1875	.260	31/64	.390	7/32	7/64	#4-40
A 6N16-022DF1208	1	22	.560	.540	.740	.250	—	7/16	.740	15/64	7/64	#4-40
A 6N16-024DF1208	2	24	.611	.591	.790	.250	.260	33/64	.442	1/4	1/8	#6-40
A 6N16-028DF1208		28	.713	.693	.895				.494			
A 6N16-030DF1208		30	.764	.744	.945				.546			
A 6N16-032DF1208		32	.815	.795	1.000				.598			
A 6N16-036DF1208		36	.917	.897	1.105		.276	17/32	.676	1/4	1/8	#6-40
A 6N16-040DF1208		40	1.019	.999	1.210				.754			
A 6N16-042DF1208		42	1.070	1.050	1.260				.806			
A 6N16-044DF1208		44	1.120	1.100	1.315				.858			
A 6N16-048DF1208	2	48	1.222	1.202	1.420	.250	.276	17/32	.936	1/4	1/8	#6-40
A 6N16-060DF1208		60	1.528	1.508	1.730				1.222			

NOTE: Pulleys with 10 to 16 grooves have 1 set screw; others have 2 at 90°.

*O.D. Tolerance: 10 to 40 grooves is +.002, -.000

42 to 60 grooves is +.003, -.000

MXL Timing Belt Pulleys - .080 Pitch

■ ALUMINUM

■ DOUBLE OR NO FLANGE

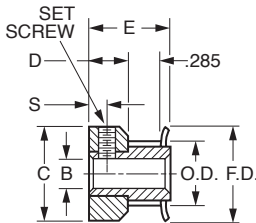


Fig. 1

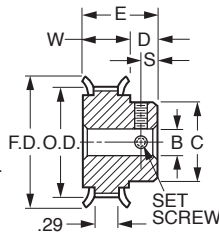


Fig. 2

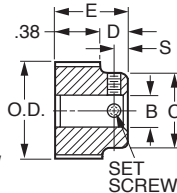
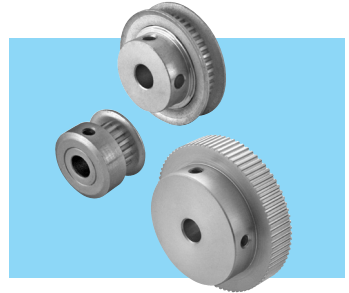


Fig. 3



MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

FOR BELTS UP TO 1/4" WIDE

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 -.000	W Body	E Lgth. ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A16-010DF2504	1	10	.255	.235	.425	.125	—	9/16	.425	15/64	7/64	#4-40
A 6A16-011DF2504		11	.280	.260	.450				.450			
A 6A16-012DF2504		12	.306	.286	.480				.480			
A 6A16-014DF2504		14	.357	.337	.530				.530			
A 6A16-015DF2506	2	15	.382	.362	.555	.1875	—	9/16	.555	15/64	7/64	#6-40
A 6A16-016DF2506		16	.407	.387	.580				.580			
A 6A16-018DF2506	2	18	.458	.438	.635	.1875	.389	5/8	.312	15/64	7/64	#6-40
A 6A16-018DF2508	1				.250	—	9/16	.635				
A 6A16-020DF2506	2	20	.509	.489	.685	.1875	.389	5/8	.364	15/64	7/64	#6-40
A 6A16-020DF2508	1				.250	—	9/16	.685				
A 6A16-021DF2506	2	21	.535	.515	.710	.1875	.389	5/8	.390	15/64	7/64	#6-40
A 6A16-021DF2508	1				.250	—	9/16	.710				
A 6A16-022DF2506	2	22	.560	.540	.740	.1875	.389	5/8	.390	15/64	7/64	#6-40
A 6A16-022DF2508	1				.250	—	9/16	.740		19/64		
A 6A16-024DF2508	2	24	.611	.591	.790	.250	.389	11/16	.442	19/64	5/32	#6-40
A 6A16-025DF2508		25	.637	.617	.815				.468			
A 6A16-028DF2508		28	.713	.693	.895				.494			
A 6A16-030DF2508		30	.764	.744	.945				.546			
A 6A16-032DF2508	2	32	.815	.795	1.000	.250	.389	11/16	.598	19/64	5/32	#8-32
A 6A16-036DF2508		36	.917	.897	1.105				.676			
A 6A16-040DF2508		40	1.019	.999	1.210				.754			
A 6A16-042DF2508		42	1.070	1.050	1.260				.806			
A 6A16-044DF2508	2	44	1.120	1.100	1.315	.250	.405	23/32	.858	5/16	5/32	#8-32
A 6A16-048DF2508		48	1.222	1.202	1.420				.936			
A 6A16-060DF2508		60	1.528	1.508	1.730				1.222			
A 6A16-060NF2508												
A 6A16-072NF2508	3	72	1.833	1.813	—	.250	—	3/4	1.148	3/8	3/16	#8-32
A 6A16-080NF2510		80	2.037	2.017	—	.3125	—	3/4	1.500	3/8	3/16	#8-32
A 6A16-090NF2510		90	2.292	2.272	—	.3125	—	3/4	1.500	3/8	3/16	#8-32
A 6A16-100NF2510		100	2.546	2.526	—	.3125	—	3/4	1.500	3/8	3/16	#8-32
A 6A16-120NF2512		120	3.056	3.036	—	.375	—	3/4	1.500	3/8	3/16	#10-32

NOTE: Pulleys with 10 to 16 grooves have 1 set screw; others have 2 at 90°.

*O.D. Tolerance: 10 to 40 grooves is +.002, -.000

42 to 72 grooves is +.003, -.000

80 to 120 grooves is +.004, -.000



Inch Inch Inch Inch Inch Inch Inch Inch Inch

MXL Timing Belt Pulleys - .080 Pitch

Stock Drive Products/Sterling Instrument

Phone: 516-328-3300

Fax: 516-326-8827

■ ALUMINUM

■ DOUBLE OR NO FLANGE

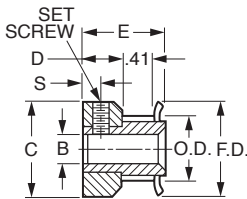


Fig. 1

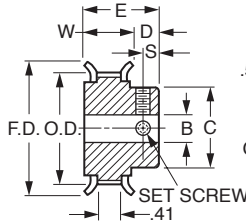


Fig. 2

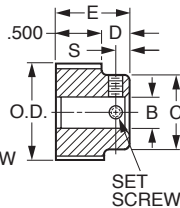
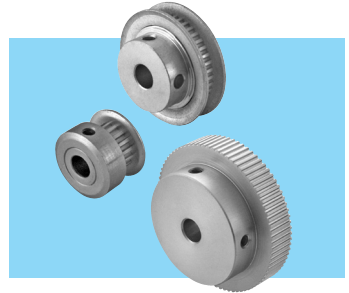


Fig. 3


MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

FOR BELTS UP TO 3/8" WIDE

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 -.000	W Body	E Lgth. ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A16-010DF3704	1	10	.255	.235	.425				.425			
A 6A16-011DF3704		11	.280	.260	.450				.450			
A 6A16-012DF3704		12	.306	.286	.480	.125	—	11/16	.480	15/64	7/64	#4-40
A 6A16-014DF3704		14	.357	.337	.530				.530			
A 6A16-015DF3706		15	.382	.362	.555				.555			
A 6A16-016DF3706		16	.407	.387	.580	.1875	—	11/16	.580	15/64	7/64	#6-40
A 6A16-018DF3706	2	18	.458	.438	.635	.1875	.514	3/4	.312	15/64	7/64	#6-40
A 6A16-018DF3708	1				.250	—	11/16		.635			
A 6A16-020DF3706	2	20	.509	.489	.685	.1875	.514	3/4	.364	15/64	7/64	#6-40
A 6A16-020DF3708	1				.250	—	11/16		.685			
A 6A16-021DF3706	2	21	.535	.515	.710	.250	.514	3/4	.390	15/64	7/64	#6-40
A 6A16-021DF3708	1					—	11/16		.710			
A 6A16-022DF3706	2	22	.560	.540	.740	.1875	.514	3/4	.390	15/64	7/64	#6-40
A 6A16-022DF3708	1				.250	—	11/16		.740	19/64		
A 6A16-024DF3708	2	24	.611	.591	.790				.442			
A 6A16-025DF3708		25	.637	.617	.815		.514	13/16	.468	19/64	5/32	#6-40
A 6A16-028DF3708		28	.713	.693	.895				.494			
A 6A16-030DF3708		30	.764	.744	.945				.546			
A 6A16-032DF3708		32	.815	.795	1.000		.514	13/16	.598	19/64	5/32	#8-32
A 6A16-036DF3708		36	.917	.897	1.105	.250			.676			
A 6A16-040DF3708		40	1.019	.999	1.210				.754			
A 6A16-042DF3708		42	1.070	1.050	1.260				.806			
A 6A16-044DF3708		44	1.120	1.100	1.315		.530	27/32	.858	5/16	5/32	#8-32
A 6A16-048DF3708		48	1.222	1.202	1.420				.936			
A 6A16-060DF3708		60	1.528	1.508	1.730				1.222			
A 6A16-060NF3708	3	60	1.528	1.508	—	.250	—	7/8	1.148	3/8	3/16	#8-32
A 6A16-072NF3708		72	1.833	1.813	—				1.195			
A 6A16-080NF3710		80	2.037	2.017	—	.3125	—	7/8	1.500	3/8	3/16	#8-32
A 6A16-090NF3710		90	2.292	2.272	—							
A 6A16-100NF3710		100	2.546	2.526	—							
A 6A16-120NF3712		120	3.056	3.036	—	.375	—	7/8	1.500	3/8	3/16	#10-32

NOTE: Pulleys with 10 to 16 grooves have 1 set screw; others have 2 at 90°.

*O.D. Tolerance: 10 to 40 grooves is +.002, -.000

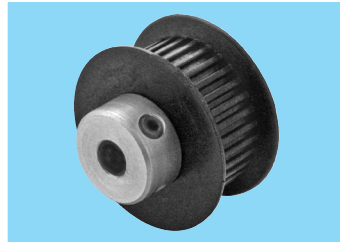
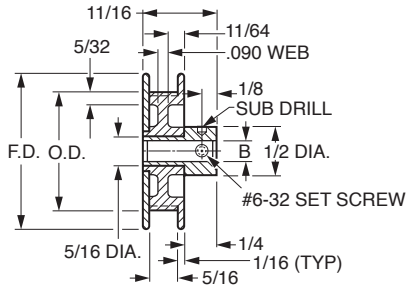
42 to 72 grooves is +.003, -.000

80 to 120 grooves is +.004, -.000

MXL Timing Belt Pulleys - .080 Pitch

■ MOLDED WITH METAL HUB

■ DOUBLE FLANGE

**FOR 1/4" BELTS**

MATERIAL: Pulley - Polycarbonate – Fiberglass Reinforced
 Insert - Aluminum, Knurled
 Clear Anodized

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000
A 6T16-018DF2506	18	.458	.438	.63	.1875
A 6T16-018DF2508					.250
A 6T16-020DF2506	20	.509	.489	.68	.1875
A 6T16-020DF2508					.250
A 6T16-021DF2506	21	.535	.515	.70	.1875
A 6T16-021DF2508					.250
A 6T16-022DF2506	22	.560	.540	.73	.1875
A 6T16-022DF2508					.250
A 6T16-024DF2506	24	.611	.591	.78	.1875
A 6T16-024DF2508					.250
A 6T16-026DF2506	26	.662	.642	.83	.1875
A 6T16-026DF2508					.250
A 6T16-028DF2506	28	.713	.693	.88	.1875
A 6T16-028DF2508					.250
A 6T16-030DF2506	30	.764	.744	.93	.1875
A 6T16-030DF2508					.250
A 6T16-032DF2506	32	.815	.795	.98	.1875
A 6T16-032DF2508					.250
A 6T16-036DF2506	36	.917	.897	1.09	.1875
A 6T16-036DF2508					.250
A 6T16-040DF2506	40	1.019	.999	1.19	.1875
A 6T16-040DF2508					.250
A 6T16-042DF2506	42	1.070	1.050	1.24	.1875
A 6T16-042DF2508					.250
A 6T16-044DF2506	44	1.120	1.100	1.29	.1875
A 6T16-044DF2508					.250

NOTE: Pulleys with 18 to 40 grooves do not have webs.

SDPSI

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Phone: 516-328-3300

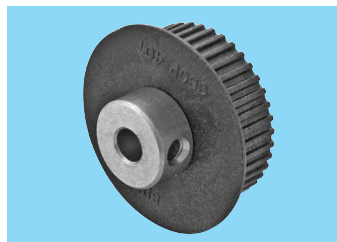
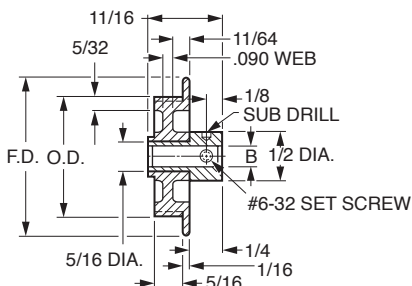
Fax: 516-326-8827

Inch Inch Inch Inch Inch Inch Inch Inch Inch

MXL Timing Belt Pulleys - .080 Pitch

■ MOLDED WITH METAL HUB

■ SINGLE FLANGE

**FOR 1/4" BELTS**

MATERIAL: Pulley - Polycarbonate – Fiberglass Reinforced
 Insert - Aluminum, Knurled
 Clear Anodized

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000
A 6T16-018SF2506	18	.458	.438	.63	.1875
A 6T16-018SF2508					.250
A 6T16-020SF2506	20	.509	.489	.68	.1875
A 6T16-020SF2508					.250
A 6T16-021SF2506	21	.535	.515	.70	.1875
A 6T16-021SF2508					.250
A 6T16-022SF2506	22	.560	.540	.73	.1875
A 6T16-022SF2508					.250
A 6T16-024SF2506	24	.611	.591	.78	.1875
A 6T16-024SF2508					.250
A 6T16-026SF2506	26	.662	.642	.83	.1875
A 6T16-026SF2508					.250
A 6T16-028SF2506	28	.713	.693	.88	.1875
A 6T16-028SF2508					.250
A 6T16-030SF2506	30	.764	.744	.93	.1875
A 6T16-030SF2508					.250
A 6T16-032SF2506	32	.815	.795	.98	.1875
A 6T16-032SF2508					.250
A 6T16-036SF2506	36	.917	.897	1.09	.1875
A 6T16-036SF2508					.250
A 6T16-040SF2506	40	1.019	.999	1.19	.1875
A 6T16-040SF2508					.250
A 6T16-042SF2506	42	1.070	1.050	1.24	.1875
A 6T16-042SF2508					.250
A 6T16-044SF2506	44	1.120	1.100	1.29	.1875
A 6T16-044SF2508					.250

NOTE: Pulleys with 18 to 40 grooves do not have webs.



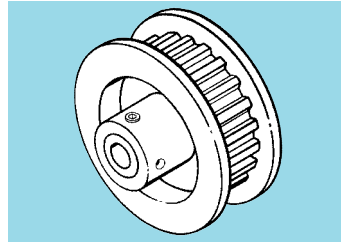
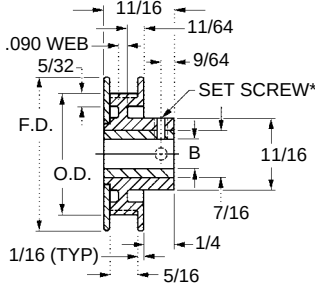
INCH

MXL Timing Belt Pulleys - .080 Pitch

■ MOLDED WITH INSERT

■ DOUBLE FLANGE

■ FOR 1/4" BELTS



MATERIAL: Pulley - Polycarbonate – Fiberglass Reinforced
Insert - Brass, Knurled



Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000
A 6Z16-036DF2506	36	.917	.897	1.09	.1875
A 6Z16-036DF2508					.250
A 6Z16-036DF2510					.3125
A 6Z16-040DF2506	40	1.019	.999	1.19	.1875
A 6Z16-040DF2508					.250
A 6Z16-040DF2510					.3125
A 6Z16-042DF2506	42	1.070	1.050	1.24	.1875
A 6Z16-042DF2508					.250
A 6Z16-042DF2510					.3125
A 6Z16-044DF2506	44	1.120	1.100	1.29	.1875
A 6Z16-044DF2508					.250
A 6Z16-044DF2510					.3125
A 6Z16-048DF2506	48	1.222	1.202	1.39	.1875
A 6Z16-048DF2508					.250
A 6Z16-048DF2510					.3125
A 6Z16-060DF2508	60	1.528	1.508	1.70	.250
A 6Z16-060DF2510					.3125
A 6Z16-065DF2508	65	1.655	1.635	1.82	.250
A 6Z16-065DF2510					.3125
A 6Z16-072DF2508	72	1.833	1.813	2.00	.250
A 6Z16-072DF2510					.3125
A 6Z16-080DF2508	80	2.037	2.017	2.21	.250
A 6Z16-080DF2510					.3125
A 6Z16-090DF2508	90	2.292	2.272	2.46	.250
A 6Z16-090DF2510					.3125
A 6Z16-100DF2508	100	2.546	2.526	2.71	.250
A 6Z16-100DF2510					.3125
A 6Z16-110DF2508	110	2.801	2.781	2.97	.250
A 6Z16-110DF2510					.3125
A 6Z16-120DF2508	120	3.056	3.036	3.22	.250
A 6Z16-120DF2510					.3125
A 6Z16-130DF2508	130	3.310	3.290	3.48	.250
A 6Z16-130DF2510					.3125

NOTE: Pulleys with 36 to 40 grooves do not have webs.

*Pulleys with: .1875 bore have #4-40 set screw & spot drill.

.250 bore have #6-32 set screw & spot drill.

.3125 bore have #8-32 set screw & spot drill.

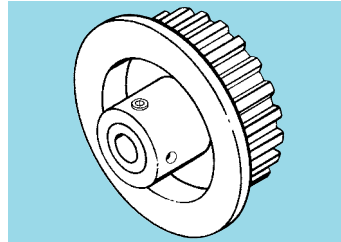
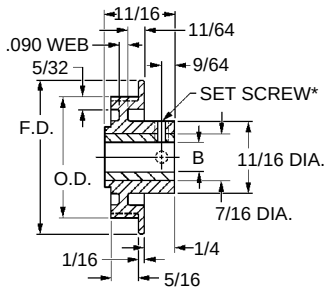


MXL Timing Belt Pulleys - .080 Pitch

■ MOLDED WITH INSERT

■ SINGLE FLANGE

■ FOR 1/4" BELTS



MATERIAL: Pulley - Polycarbonate – Fiberglass Reinforced
Insert - Brass, Knurled



Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000
A 6Z16-036SF2506	36	.917	.897	1.09	.1875
A 6Z16-036SF2508					.250
A 6Z16-036SF2510					.3125
A 6Z16-040SF2506	40	1.019	.999	1.19	.1875
A 6Z16-040SF2508					.250
A 6Z16-040SF2510					.3125
A 6Z16-042SF2506	42	1.070	1.050	1.24	.1875
A 6Z16-042SF2508					.250
A 6Z16-042SF2510					.3125
A 6Z16-044SF2506	44	1.120	1.100	1.29	.1875
A 6Z16-044SF2508					.250
A 6Z16-044SF2510					.3125
A 6Z16-048SF2506	48	1.222	1.202	1.39	.1875
A 6Z16-048SF2508					.250
A 6Z16-048SF2510					.3125
A 6Z16-060SF2508	60	1.528	1.508	1.70	.250
A 6Z16-060SF2510					.3125
A 6Z16-065SF2508	65	1.655	1.635	1.82	.250
A 6Z16-065SF2510					.3125
A 6Z16-072SF2508	72	1.833	1.813	2.00	.250
A 6Z16-072SF2510					.3125
A 6Z16-080SF2508	80	2.037	2.017	2.21	.250
A 6Z16-080SF2510					.3125
A 6Z16-090SF2508	90	2.292	2.272	2.46	.250
A 6Z16-090SF2510					.3125
A 6Z16-100SF2508	100	2.546	2.526	2.71	.250
A 6Z16-100SF2510					.3125
A 6Z16-110SF2508	110	2.801	2.781	2.97	.250
A 6Z16-110SF2510					.3125
A 6Z16-120SF2508	120	3.056	3.036	3.22	.250
A 6Z16-120SF2510					.3125
A 6Z16-130SF2508	130	3.310	3.290	3.48	.250
A 6Z16-130SF2510					.3125

NOTE: Pulleys with 36 to 40 grooves do not have webs.

*Pulleys with: .1875 bore have #4-40 set screw & spot drill.
.250 bore have #6-32 set screw & spot drill.
.3125 bore have #8-32 set screw & spot drill.



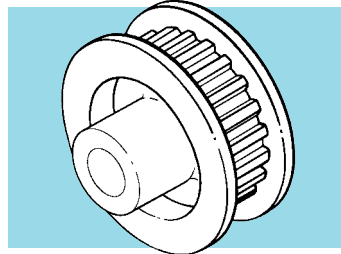
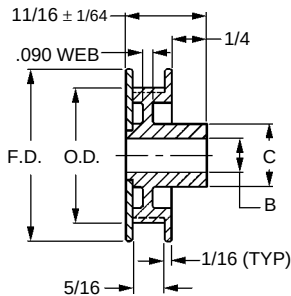
INCH

MXL Timing Belt Pulleys - .080 Pitch

■ MOLDED

■ DOUBLE FLANGE

■ FOR 1/4" BELTS



MATERIAL: Polycarbonate – Fiberglass Reinforced

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	C Hub Dia.
A 6M16-010DF2503	10	.255	.235	.42	.0937	7/16
A 6M16-011DF2503	11	.280	.260	.45		
A 6M16-012DF2503	12	.306	.286	.47		
A 6M16-014DF2504	14	.357	.337	.53	.125	7/16
A 6M16-015DF2504	15	.382	.362	.55		
A 6M16-016DF2504	16	.407	.387	.58		
A 6M16-018DF2506	18	.458	.438	.63	.1875	1/2
A 6M16-020DF2506	20	.509	.489	.68		
A 6M16-021DF2506	21	.535	.515	.70		
A 6M16-022DF2506	22	.560	.540	.73		
A 6M16-024DF2506	24	.611	.591	.78		
A 6M16-026DF2508	26	.662	.642	.83	.250	11/16
A 6M16-028DF2508	28	.713	.693	.88		
A 6M16-030DF2508	30	.764	.744	.93		
A 6M16-032DF2508	32	.815	.795	.98		
A 6M16-036DF2508	36	.917	.897	1.09		
A 6M16-040DF2508	40	1.019	.999	1.19	.3125	11/16
A 6M16-042DF2508	42	1.070	1.050	1.24		
A 6M16-044DF2508	44	1.120	1.100	1.29		
A 6M16-048DF2508	48	1.222	1.202	1.39		
A 6M16-060DF2508	60	1.528	1.508	1.70		
A 6M16-065DF2510	65	1.655	1.635	1.82	.3125	11/16
A 6M16-072DF2510	72	1.833	1.813	2.00		
A 6M16-080DF2510	80	2.037	2.017	2.21		
A 6M16-090DF2510	90	2.292	2.272	2.46		
A 6M16-100DF2510	100	2.546	2.526	2.71		
A 6M16-110DF2510	110	2.801	2.781	2.97	.3125	11/16
A 6M16-120DF2510	120	3.056	3.036	3.22		
A 6M16-130DF2510	130	3.310	3.290	3.48		

NOTE: Pulleys with 10 to 40 grooves do not have webs.

Also available with set screws or pinning holes on special order.

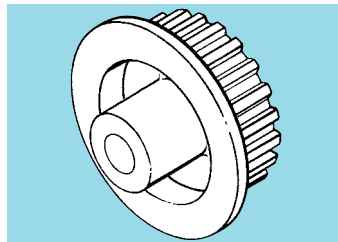
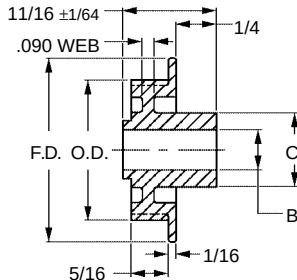


MXL Timing Belt Pulleys - .080 Pitch

■ MOLDED

■ SINGLE FLANGE

■ FOR 1/4" BELTS



MATERIAL: Polycarbonate – Fiberglass Reinforced

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	C Hub Dia.
A 6M16-010SF2503	10	.255	.235	.42	.0937	7/16
A 6M16-011SF2503	11	.280	.260	.45		
A 6M16-012SF2503	12	.306	.286	.47		
A 6M16-014SF2504	14	.357	.337	.53	.125	7/16
A 6M16-015SF2504	15	.382	.362	.55		
A 6M16-016SF2504	16	.407	.387	.58		
A 6M16-018SF2506	18	.458	.438	.63	.1875	1/2
A 6M16-020SF2506	20	.509	.489	.68		
A 6M16-021SF2506	21	.535	.515	.70		
A 6M16-022SF2506	22	.560	.540	.73		
A 6M16-024SF2506	24	.611	.591	.78		
A 6M16-026SF2508	26	.662	.642	.83		
A 6M16-028SF2508	28	.713	.693	.88	.250	11/16
A 6M16-030SF2508	30	.764	.744	.93		
A 6M16-032SF2508	32	.815	.795	.98		
A 6M16-036SF2508	36	.917	.897	1.09		11/16
A 6M16-040SF2508	40	1.019	.999	1.19		
A 6M16-042SF2508	42	1.070	1.050	1.24		
A 6M16-044SF2508	44	1.120	1.100	1.29	.3125	11/16
A 6M16-048SF2508	48	1.222	1.202	1.39		
A 6M16-060SF2508	60	1.528	1.508	1.70		
A 6M16-065SF2510	65	1.655	1.635	1.82		11/16
A 6M16-072SF2510	72	1.833	1.813	2.00		
A 6M16-080SF2510	80	2.037	2.017	2.21		
A 6M16-090SF2510	90	2.292	2.272	2.46	.3125	11/16
A 6M16-100SF2510	100	2.546	2.526	2.71		
A 6M16-110SF2510	110	2.801	2.781	2.97		
A 6M16-120SF2510	120	3.056	3.036	3.22		
A 6M16-130SF2510	130	3.310	3.290	3.48		

NOTE: Pulleys with 10 to 40 grooves do not have webs.

Also available with set screws or pinning holes on special order.



MXL Timing Belt Pulleys - .080 Pitch

■ MOLDED ■ HUBLESS ■ SINGLE OR DOUBLE FLANGE ■ FOR 1/4" BELTS

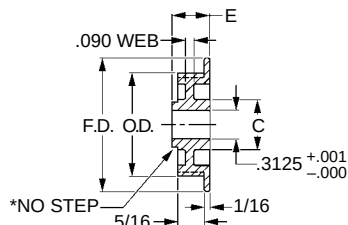


Fig. 1

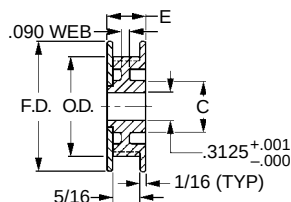
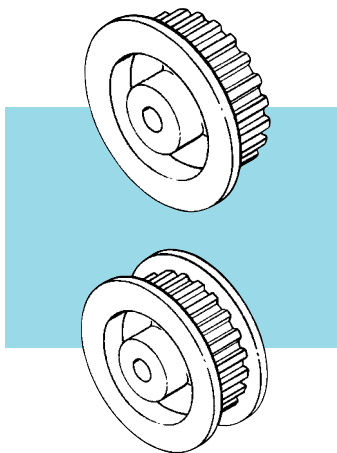


Fig. 2



MATERIAL: Polycarbonate – Fiberglass Reinforced

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	E Length	C Diameter
● FIG. 1 SINGLE FLANGE						
A 6M16-018SF25	18	.458	.438	.63	3/8*	Solid ^Δ
A 6M16-020SF25	20	.509	.489	.68	7/16	
A 6M16-021SF25	21	.535	.515	.70		
A 6M16-022SF25	22	.560	.540	.73		
A 6M16-024SF25	24	.611	.591	.78		
A 6M16-026SF25	26	.662	.642	.83	7/16	
A 6M16-028SF25	28	.713	.693	.88		
A 6M16-030SF25	30	.764	.744	.93	7/16	
A 6M16-032SF25	32	.815	.795	.98		
A 6M16-036SF25	36	.917	.897	1.09		
A 6M16-040SF25	40	1.019	.999	1.19	7/16	11/16
A 6M16-042SF25	42	1.070	1.050	1.24		
A 6M16-044SF25	44	1.120	1.100	1.29		
● FIG. 2 DOUBLE FLANGE						
A 6M16-018DF25	18	.458	.438	.63	7/16	Solid ^Δ
A 6M16-020DF25	20	.509	.489	.68	7/16	
A 6M16-021DF25	21	.535	.515	.70		
A 6M16-022DF25	22	.560	.540	.73		
A 6M16-024DF25	24	.611	.591	.78		
A 6M16-026DF25	26	.662	.642	.83	7/16	
A 6M16-028DF25	28	.713	.693	.88		
A 6M16-030DF25	30	.764	.744	.93		
A 6M16-032DF25	32	.815	.795	.98	7/16	
A 6M16-036DF25	36	.917	.897	1.09		
A 6M16-040DF25	40	1.019	.999	1.19	7/16	11/16
A 6M16-042DF25	42	1.070	1.050	1.24		
A 6M16-044DF25	44	1.120	1.100	1.29		

^Δ Pulleys with 18 to 40 grooves do not have webs.

* No step (see figure 1).

Inch/Metric Inch/Metric Inch/Metric Inch/Metric Inch/Metric

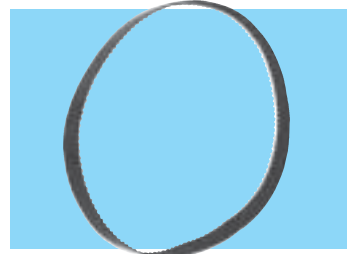
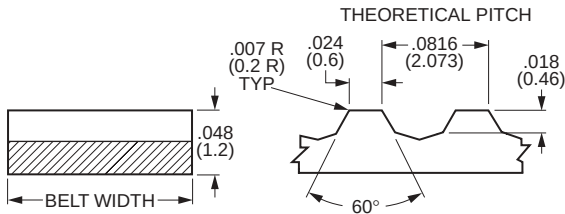
SDPSI

Timing Belts - 40 D.P. or 2.07 mm Pitch

Stock Drive Products/Sterling Instrument Phone: 516-328-3300 Fax: 516-326-8827

■ POLYURETHANE

■ 1/8, 3/16, 1/4 & 5/16 INCH - 3, 4.5, 6 & 8 mm WIDE



NOTE: Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:				Width Code	Belt Width	Example
INCH	A 6 R 6 -			0120	1/8	A 6R 6-0480120 is a 48 Groove 1/8 Wide Belt.
	No. of Grooves (See tables below)			0180	3/16	
	Width Code (See right)			0250	1/4	
				0310	5/16	
METRIC	A 6 R 6 M			0300	3 mm	A 6R 6M0570600 is a 57 Groove 6 mm Wide Belt.
	No. of Grooves (See tables below)			0450	4.5 mm	
	Width Code (See right)			0600	6 mm	
				0800	8 mm	

MATERIAL: Polyurethane Elastomer Reinforced with Polyester Cord

△ BREAKING STRENGTH: < 151 Grooves - 40 lbs. per 1/8 (56 N per 1 mm) Belt Width
 ≥ 151 Grooves - 80 lbs. per 1/8 (112 N per 1 mm) Belt Width

TEMPERATURE RANGE: 0°F to +150°F (-18°C to +66°C)

No. of Grooves	Pitch Length	
	Inch	mm
30	2.448	62.18
33	2.693	68.4
35	2.856	72.54
40	3.264	82.91
44	3.590	91.2
45	3.672	93.27
*48	3.917	99.49
50	4.080	103.63
51	4.162	105.7
52	4.243	107.78
53	4.325	109.85
55	4.488	114
56	4.570	116.07
57	4.651	118.14
58	4.733	120.21
60	4.896	124.36
61	4.978	126.43
64	5.222	132.65
65	5.304	134.72
*67	5.467	138.87
69	5.630	143.01

No. of Grooves	Pitch Length	
	Inch	mm
70	5.712	145.08
71	5.794	147.16
72	5.875	149.23
73	5.957	151.3
74	6.038	153.38
75	6.120	155.45
76	6.202	157.52
80	6.528	165.81
81	6.610	167.88
85	6.936	176.17
89	7.262	184.46
90	7.344	186.54
91	7.426	188.61
94	7.670	194.83
95	7.752	196.9
96	7.834	198.97
97	7.915	201.05
98	7.997	203.12
100	8.160	207.26
102	8.323	211.41
105	8.568	217.63

No. of Grooves	Pitch Length	
	Inch	mm
109	8.894	225.92
110	8.976	227.99
115	9.384	238.35
116	9.466	240.43
118	9.629	244.57
119	9.710	246.64
120	9.792	248.72
122	9.955	252.86
123	10.037	254.93
125	10.200	259.08
130	10.608	269.44
131	10.690	271.52
132	10.771	273.59
135	11.016	279.81
139	11.342	288.1
140	11.424	290.17
143	11.669	296.39
144	11.750	298.46
145	11.832	300.53
147	11.995	304.68
149	12.158	308.82

* To be discontinued when present stock is depleted.

Continued on the next page

△ Breaking Strength is not representative of the load-carrying capacity of the belt.

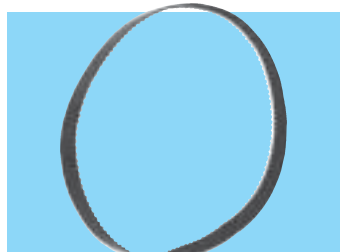
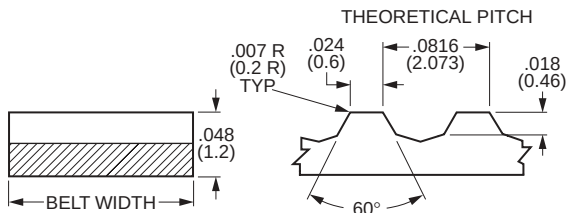
Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.

SDPSI	Inch/Metric	Inch/Metric	Inch/Metric	Inch/Metric	Inch/Metric
Timing Belts - 40 D.P. or 2.07 mm Pitch					
Stock Drive Products/Sterling Instrument		■ Phone: 516-328-3300	■ Fax: 516-326-8827		

■ POLYURETHANE

■ 1/8, 3/16, 1/4 & 5/16 INCH - 3, 4.5, 6 & 8 mm WIDE



NOTE: Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 R 6 -	0120	1/8	A 6 R 6-1850120 is a 185 Groove 1/8 Wide Belt.
	No. of Grooves (See tables below)	0180	3/16	
	Width Code (See right)	0250	1/4	
		0310	5/16	
METRIC	A 6 R 6 M	0300	3 mm	A 6 R 6M2350600 is a 235 Groove 6 mm Wide Belt.
	No. of Grooves (See tables below)	0450	4.5 mm	
	Width Code (See right)	0600	6 mm	
		0800	8 mm	

MATERIAL: Polyurethane Elastomer Reinforced with Polyester Cord

ΔBREAKING STRENGTH: < 151 Grooves - 40 lbs. per 1/8 (56 N per 1 mm) Belt Width

≥ 151 Grooves - 80 lbs. per 1/8 (112 N per 1 mm) Belt Width

TEMPERATURE RANGE: 0°F to +150°F (-18°C to +66°C)

No. of Grooves	Pitch Length	
	Inch	mm
150	12.240	310.9
151	12.322	312.97
152	12.403	315.04
153	12.485	317.11
154	12.566	319.19
155	12.648	321.26
159	12.974	329.55
160	13.056	331.62
162	13.219	335.77
163	13.301	337.84
165	13.464	341.99
170	13.872	352.35
175	14.280	362.71
178	14.525	368.93
180	14.688	373.08
185	15.096	383.44
190	15.504	393.8
192	15.667	397.95
193	15.749	400.02
195	15.912	404.16
200	16.320	414.53
205	16.728	424.89

No. of Grooves	Pitch Length	
	Inch	mm
208	16.973	431.11
210	17.136	435.25
214	17.462	443.54
215	17.544	445.62
220	17.952	455.98
225	18.360	466.34
230	18.768	476.71
235	19.176	487.07
240	19.584	497.43
245	19.992	507.8
250	20.400	518.16
252	20.563	522.31
255	20.808	528.52
257	20.971	532.67
258	21.053	534.74
260	21.216	538.89
264	21.542	547.18
265	21.624	549.25
270	22.032	559.61
275	22.440	569.98
280	22.848	580.34
281	22.930	582.41

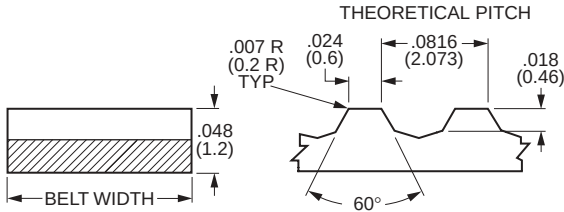
No. of Grooves	Pitch Length	
	Inch	mm
285	23.256	590.7
290	23.664	601.07
295	24.072	611.43
300	24.480	621.79
310	25.296	642.52
320	26.112	663.24
324	26.438	671.54
330	26.928	683.97
340	27.744	704.7
350	28.560	725.42
360	29.376	746.15
369	30.110	764.8
370	30.192	766.88
380	31.008	787.6
390	31.824	808.33
392	31.987	812.47
400	32.640	829.06
423	34.517	876.73
*436	35.578	903.67
472	38.515	978.29
535	43.656	1108.86

ΔBreaking Strength is not representative of the load-carrying capacity of the belt.

*To be discontinued when present stock is depleted.

Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.

Timing Belts - 40 D.P. or 2.07 mm Pitch**Stock Drive Products/Sterling Instrument****Phone: 516-328-3300****Fax: 516-328-8827****■ POLYURETHANE****■ 1/8, 3/16, 1/4 & 5/16 INCH - 3, 4.5, 6 & 8 mm WIDE****NOTE:** Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:			Width Code	Belt Width	Example
I N C H	A 6 6 -		012	1/8	A 6G 6-048012 is a 48 Groove 1/8 Wide Belt with Polyester Cord.
	Polyester Cord G	No. of Grooves (See tables below)	018	3/16	
	Kevlar Cord B		025	1/4	
			031	5/16	
M E T R I C	A 6 6M		030	3 mm	A 6B 6M057060 is a 57 Groove 6 mm Wide Belt with Kevlar Cord.
	Polyester Cord G	No. of Grooves (See tables below)	045	4.5 mm	
	Kevlar Cord B		060	6 mm	
			080	8 mm	

MATERIAL: Body – Polyurethane; Cord – Polyester balanced construction or Kevlar

Δ BREAKING STRENGTH: Polyester < 151 grooves – 40 lbs. per 1/8 (56 N per 1 mm) Belt Width
 ≥ 151 grooves – 80 lbs. per 1/8 (112 N per 1 mm) Belt Width

Kevlar < 151 grooves – 80 lbs. per 1/8 (112 N/mm) Belt Width
 ≥ 151 grooves – 130 lbs. per 1/8 (182 N per 1 mm) Belt Width

TEMPERATURE RANGE: Continuous: 0°F to +180°F (-18°C to +82°C); Intermittent: up to +250°F (+121°C)

No. of Grooves	Pitch Length	
	Inch	mm
30	2.448	62.18
33	2.693	68.4
35	2.856	72.54
40	3.264	82.91
44	3.590	91.2
45	3.672	93.27
*48	3.917	99.49
50	4.080	103.63
51	4.162	105.7
52	4.243	107.78
53	4.325	109.85
55	4.488	114
56	4.570	116.07
57	4.651	118.14
58	4.733	120.21
60	4.896	124.36
61	4.978	126.43
64	5.222	132.65
65	5.304	134.72
69	5.630	143.01
70	5.712	145.08
71	5.794	147.16

No. of Grooves	Pitch Length	
	Inch	mm
72	5.875	149.23
73	5.957	151.3
74	6.038	153.38
75	6.120	155.45
76	6.202	157.52
77	6.283	159.59
*78	6.365	161.67
80	6.528	165.81
81	6.610	167.88
84	6.854	174.1
85	6.936	176.17
89	7.262	184.46
90	7.344	186.54
91	7.426	188.61
94	7.670	194.83
95	7.752	196.9
96	7.834	198.97
97	7.915	201.05
98	7.997	203.12
100	8.160	207.26
102	8.323	211.41
105	8.568	217.63

No. of Grooves	Pitch Length	
	Inch	mm
109	8.894	225.92
110	8.976	227.99
114	9.302	236.28
115	9.384	238.35
116	9.466	240.43
118	9.629	244.57
119	9.710	246.64
120	9.792	248.72
122	9.955	252.86
123	10.037	254.93
125	10.200	259.08
130	10.608	269.44
131	10.690	271.52
132	10.771	273.59
135	11.016	279.81
139	11.342	288.1
140	11.424	290.17
143	11.669	296.39
144	11.750	298.46
145	11.832	300.53
147	11.995	304.68
149	12.158	308.82

Δ Breaking Strength is not representative of the load-carrying capacity of the belt.

Continued on the next page

Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.

* To be discontinued when present stock is depleted.

SDPSI

Stock Drive Products/Sterling Instrument

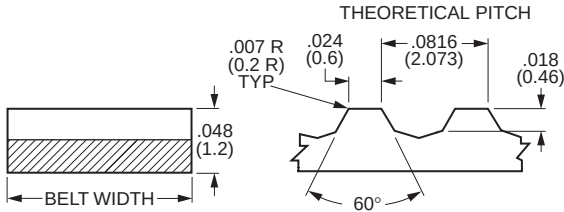
Phone: 516-328-3300

Fax: 516-328-8827

Timing Belts - 40 D.P. or 2.07 mm Pitch

■ POLYURETHANE

■ 1/8, 3/16, 1/4 & 5/16 INCH - 3, 4.5, 6 & 8 mm WIDE



NOTE: Dimensions in () are mm size.



CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 6 -	012	1/8	A 6G 6-245031 is a 245 Groove 5/16 Wide Belt with Polyester Cord.
	Polyester Cord G	018	3/16	
	Kevlar Cord B	025	1/4	
	No. of Grooves (See tables below) Width Code (See right)	031	5/16	
METRIC	A 6 6M	030	3 mm	A 6B 6M192080 is a 192 Groove 8 mm Wide Belt with Kevlar Cord.
	Polyester Cord G	045	4.5 mm	
	Kevlar Cord B	060	6 mm	
	No. of Grooves (See tables below) Width Code (See right)	080	8 mm	

MATERIAL: Body – Polyurethane; Cord – Polyester balanced construction or Kevlar**Δ BREAKING STRENGTH:** Polyester < 151 grooves – 40 lbs. per 1/8 (56 N per 1 mm) Belt Width

≥ 151 grooves – 80 lbs. per 1/8 (112 N per 1 mm) Belt Width

Kevlar < 151 grooves – 80 lbs. per 1/8 (112 N/mm) Belt Width

≥ 151 grooves – 130 lbs. per 1/8 (182 N per 1 mm) Belt Width

TEMPERATURE RANGE: Continuous: 0°F to +180°F (-18°C to +82°C); Intermittent: up to +250°F (+121°C)

No. of Grooves	Pitch Length	
	Inch	mm
150	12.240	310.9
151	12.322	312.97
152	12.403	315.04
153	12.485	317.11
154	12.566	319.19
155	12.648	321.26
159	12.974	329.55
160	13.056	331.62
162	13.219	335.77
163	13.301	337.84
165	13.464	341.99
170	13.872	352.35
175	14.280	362.71
178	14.525	368.93
180	14.688	373.08
185	15.096	383.44
190	15.504	393.8
192	15.667	397.95
193	15.749	400.02
195	15.912	404.16
200	16.320	414.53
205	16.728	424.89
208	16.973	431.11

No. of Grooves	Pitch Length	
	Inch	mm
210	17.136	435.25
214	17.462	443.54
215	17.544	445.62
220	17.952	455.98
222	18.115	460.13
225	18.360	466.34
230	18.768	476.71
235	19.176	487.07
240	19.584	497.43
245	19.992	507.8
250	20.400	518.16
251	20.482	520.23
252	20.563	522.31
255	20.808	528.52
256	20.890	530.6
257	20.971	532.67
258	21.053	534.74
260	21.216	538.89
264	21.542	547.18
265	21.624	549.25
270	22.032	559.61
275	22.440	569.98
280	22.848	580.34

No. of Grooves	Pitch Length	
	Inch	mm
281	22.930	582.41
285	23.256	590.7
290	23.664	601.07
295	24.072	611.43
300	24.480	621.79
310	25.296	642.52
320	26.112	663.24
324	26.438	671.54
330	26.928	683.97
340	27.744	704.7
350	28.560	725.42
360	29.376	746.15
369	30.110	764.8
370	30.192	766.88
380	31.008	787.6
390	31.824	808.33
392	31.987	812.47
400	32.640	829.06
408	33.293	845.64
423	34.517	876.73
*436	35.578	903.67
472	38.515	978.29
535	43.656	1108.86

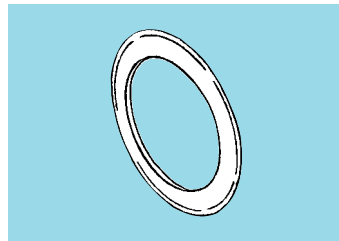
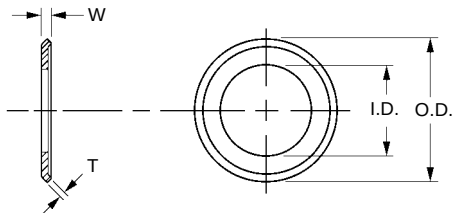
* Will be discontinued when present stock is depleted.

Δ Breaking Strength is not representative of the load-carrying capacity of the belt.

Special Widths - cut to size from sleeves available from stock. Pulleys are available with inch or metric standards.

**INCH****Pulley Flanges For MXL .080 & 40 D.P. Pitch**

■ ALUMINUM

**MATERIAL:** Aluminum Alloy

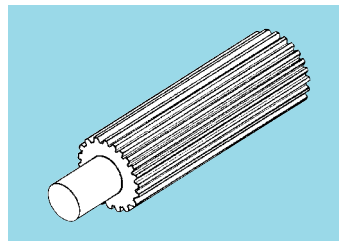
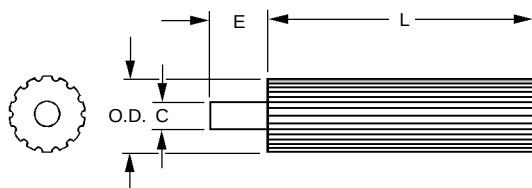
Priced Per 25 Pieces

Catalog Number	Pulley Grooves (Ref.)	I.D. ±.003	O.D. ± 1/64	W Width ±.010	T Thickness
A 6A 5-010FA	10	.188	.425	.045	.025
A 6A 5-011FA	11	.214	.450		
A 6A 5-012FA	12	.218	.480	.045	.025
A 6A 5-013FA	13	.244	.505		
A 6A 5-014FA	14	.270	.530	.045	.025
A 6A 5-015FA	15	.296	.555		
A 6A 5-016FA	16	.322	.580		
A 6A 5-018FA	18	.374	.635	.052	.032
A 6A 5-020FA	20	.426	.685		
A 6A 5-021FA	21	.452	.710		
A 6A 5-022FA	22	.452	.740	.052	.032
A 6A 5-024FA	24	.504	.790		
A 6A 5-025FA	25	.530	.815		
A 6A 5-026FA	26	.556	.840	.052	.032
A 6A 5-028FA	28	.574	.895		
A 6A 5-030FA	30	.626	.945		
A 6A 5-032FA	32	.678	1.000	.052	.032
A 6A 5-033FA	33	.704	1.025		
A 6A 5-034FA	34	.722	1.050		
A 6A 5-035FA	35	.748	1.080	.052	.032
A 6A 5-036FA	36	.774	1.105		
A 6A 5-038FA	38	.826	1.155		
A 6A 5-040FA	40	.874	1.210	.060	.040
A 6A 5-042FA	42	.926	1.260		
A 6A 5-044FA	44	.978	1.315		
A 6A 5-045FA	45	1.044	1.340	.060	.040
A 6A 5-048FA	48	1.058	1.420		
A 6A 5-050FA	50	1.110	1.470		
A 6A 5-054FA	54	1.200	1.575	.060	.040
A 6A 5-060FA	60	1.356	1.730		

**INCH****Timing Pulley Stock - 40 D.P.**

■ ALUMINUM

■ ALSO FOR 2.07 mm PITCH PULLEYS

**MATERIAL:** Aluminum Alloy

Catalog Number	No. of Grooves	P.D.	O.D. +.000 -.003	C Shank Diameter	E Shank Length	L Minimum Usable Length
A 6A 5-010LT	10	.260	.246	5/16	1	2
A 6A 5-011LT	11	.286	.272	[3/16 - 7/32] ^Δ		
A 6A 5-012LT	12	.312	.298	3/8		
A 6A 5-013LT	13	.338	.324	[1/4] ^Δ		
A 6A 5-014LT	14	.364	.350	7/16	1	3
A 6A 5-015LT	15	.390	.376	[5/16] ^Δ		
A 6A 5-016LT	16	.416	.402	1/2		
A 6A 5-017LT	17	.442	.428	[3/8] ^Δ		
A 6A 5-018LT	18	.468	.454	3/8	7/8	4
A 6A 5-019LT	19	.494	.480			
A 6A 5-020LT	20	.520	.506			
A 6A 5-021LT	21	.546	.532			
A 6A 5-022LT	22	.572	.558	1/2	1 [3/4] ^Δ	5
A 6A 5-023LT	23	.598	.584			
A 6A 5-024LT	24	.624	.610			
A 6A 5-025LT	25	.650	.636			
A 6A 5-026LT	26	.676	.662	1/2	1 [3/4] ^Δ	6
A 6A 5-027LT	27	.702	.688			
A 6A 5-028LT	28	.728	.714			
A 6A 5-029LT	29	.754	.740			
A 6A 5-030LT	30	.780	.766	1/2	1 [3/4] ^Δ	6
A 6A 5-031LT	31	.806	.792			
A 6A 5-032LT	32	.832	.818			
A 6A 5-033LT	33	.858	.844			
A 6A 5-034LT	34	.884	.870	1/2	1 [3/4] ^Δ	6
A 6A 5-035LT	35	.910	.896			
A 6A 5-036LT	36	.936	.922			
A 6A 5-038LT	38	.988	.974			
A 6A 5-039LT	39	1.014	1.000			

^Δ Dimensions in [] may be substituted at SDP option.

Continued on the next page

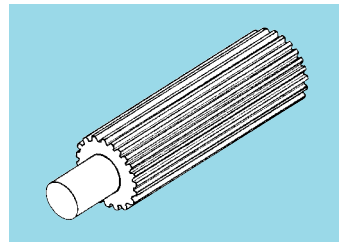
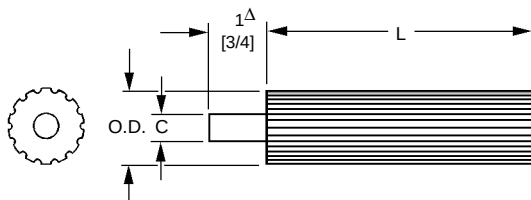


INCH

Timing Pulley Stock - 40 D.P.

■ ALUMINUM

■ FOR 40 D.P. PULLEYS



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	P.D.	O.D. +.000 -.003	C Shank Diameter	L Minimum Usable Length
A 6A 5-040LT	40	1.040	1.026	1/2	7
A 6A 5-042LT	42	1.092	1.078		
A 6A 5-044LT	44	1.144	1.130		
A 6A 5-045LT	45	1.170	1.156		
A 6A 5-048LT	48	1.248	1.234		
A 6A 5-050LT	50	1.300	1.286		
A 6A 5-051LT	51	1.326	1.312		
A 6A 5-054LT	54	1.404	1.390		
A 6A 5-055LT	55	1.430	1.416	1/2	8
A 6A 5-056LT	56	1.456	1.442		
A 6A 5-057LT	57	1.482	1.468		
A 6A 5-060LT	60	1.560	1.546		
A 6A 5-064LT	64	1.664	1.650		
A 6A 5-065LT	65	1.690	1.676		
A 6A 5-066LT	66	1.716	1.702		
A 6A 5-070LT	70	1.820	1.806		
A 6A 5-072LT	72	1.872	1.858	3/4	8
A 6A 5-075LT	75	1.950	1.936		
A 6A 5-080LT	80	2.080	2.066		
A 6A 5-082LT	82	2.132	2.118		
A 6A 5-084LT	84	2.184	2.170		
A 6A 5-088LT	88	2.288	2.274		
A 6A 5-090LT	90	2.340	2.326		
A 6A 5-096LT	96	2.496	2.482		
A 6A 5-098LT	98	2.548	2.534	3/4	8
A 6A 5-100LT	100	2.600	2.586		
A 6A 5-102LT	102	2.652	2.638		
A 6A 5-108LT	108	2.808	2.794		
A 6A 5-110LT	110	2.860	2.846		
A 6A 5-120LT	120	3.120	3.106		
A 6A 5-130LT	130	3.380	3.366		
A 6A 5-140LT	140	3.640	3.626		
A 6A 5-150LT	150	3.900	3.886		

Δ Dimension in [] may be substituted at SDP option.



Timing Belt Pulleys - 40 D.P.

■ ALUMINUM

■ DOUBLE FLANGE

■ FOR 3/16" BELTS

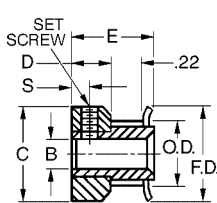


Fig. 1

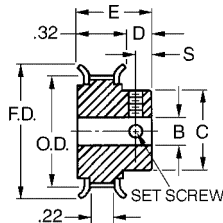
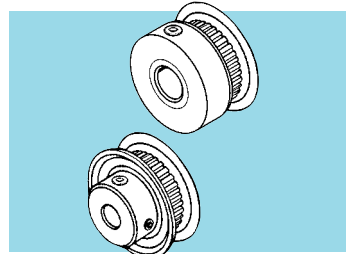


Fig. 2



MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D. +.000 -.003	F.D. ± 1/64	B Bore +.001 -.000	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A 6-10DF01803	1	10	.260	.246	.425	.094 .125	1/2	.425	15/64	7/64	#2-56 #4-40
A 6A 6-10DF01804		11	.286	.272	.450	.094 .125	1/2	.450	15/64	7/64	#2-56 #4-40
A 6A 6-11DF01803		12	.312	.298	.480	.094 .125	1/2	.480	15/64	7/64	#2-56 #4-40
A 6A 6-12DF01803		13	.338	.324	.505	.125	1/2	.505	15/64	7/64	#4-40
A 6A 6-12DF01804		14	.364	.350	.530	.125 .1875	1/2	.555	15/64	7/64	#4-40
A 6A 6-15DF01804		15	.390	.376	.555	.125 .1875	1/2	.580	15/64	7/64	#4-40
A 6A 6-15DF01806		16	.416	.402	.580	.125 .1875	1/2	.635	15/64	7/64	#8-32
A 6A 6-16DF01804		18	.468	.454	.635	.125 .1875	9/16	.312	15/64	7/64	#4-40 #6-40
A 6A 6-18DF01804	2	20	.520	.506	.685	.125 .1875	9/16	.364	15/64	7/64	#4-40 #6-40
A 6A 6-18DF01806	1	21	.546	.532	.710	.125 .1875	9/16	.390	15/64	7/64	#4-40 #6-40
A 6A 6-20DF01804	2	22	.572	.558	.740	.125 .1875	9/16	.390	15/64	7/64	#4-40 #6-40
A 6A 6-21DF01804	1	24	.624	.610	.790	.1875 .250	5/8	.442	19/64	5/32	#6-40
A 6A 6-21DF01808	2	25	.650	.636	.815	.1875 .250	5/8	.468	19/64	5/32	#6-40
A 6A 6-22DF01804	1	26	.676	.662	.840	.1875 .250	5/8	.494	19/64	5/32	#6-40
A 6A 6-22DF01806	2	28	.728	.714	.895	.1875 .250	5/8	.494	19/64	5/32	#6-40
A 6A 6-24DF01806	1										
A 6A 6-24DF01808	2										
A 6A 6-25DF01806	1										
A 6A 6-25DF01808	2										
A 6A 6-26DF01806	1										
A 6A 6-26DF01808	2										
A 6A 6-28DF01806	1										
A 6A 6-28DF01808	2										

NOTE: Pulleys with 10 to 16 grooves have 1 set screw; others have 2 at 90°.

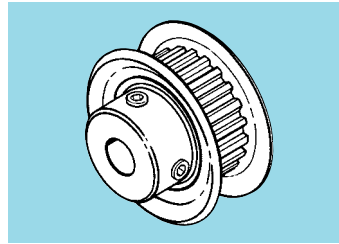
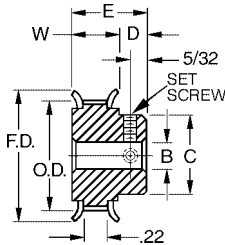


Timing Belt Pulleys - 40 D.P.

■ ALUMINUM

■ DOUBLE FLANGE

■ FOR 3/16" BELTS



MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

Catalog Number	No. of Grooves	P.D.	O.D. +0.000 -0.003	F.D. ± 1/64	B Bore +0.001 -0.000	W	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	Set Screw
A 6A 6-30DF01806	30	.780	.766	.945	.1875 .250	.32	5/8	.546	19/64	#6-40
A 6A 6-30DF01808										#8-32
A 6A 6-32DF01806	32	.832	.818	1.000	.1875 .250	.32	5/8	.598	19/64	#6-40
A 6A 6-32DF01808										#8-32
A 6A 6-33DF01806	33	.858	.844	1.025	.1875 .250	.32	5/8	.624	19/64	#6-40
A 6A 6-33DF01808										#8-32
A 6A 6-34DF01806	34	.884	.870	1.050	.1875 .250	.32	5/8	.624	19/64	#6-40
A 6A 6-34DF01808										#8-32
A 6A 6-35DF01806	35	.910	.896	1.080	.1875 .250	.32	5/8	.650	19/64	#6-40
A 6A 6-35DF01808										#8-32
A 6A 6-36DF01806	36	.936	.922	1.105	.1875 .250	.32	5/8	.676	19/64	#6-40
A 6A 6-36DF01808										#8-32
A 6A 6-38DF01808	38	.988	.974	1.155	.250 .3125	.32	5/8	.728	19/64	#8-32
A 6A 6-38DF01810										#8-32
A 6A 6-40DF01808	40	1.040	1.026	1.210	.250 .3125	.34	21/32	.754	21/64	#8-32
A 6A 6-40DF01810										#8-32
A 6A 6-42DF01808	42	1.092	1.078	1.260	.250 .3125	.34	21/32	.806	21/64	#8-32
A 6A 6-42DF01810										#8-32
A 6A 6-44DF01808	44	1.144	1.130	1.315	.250 .3125	.34	21/32	.858	21/64	#8-32
A 6A 6-44DF01810										#8-32
A 6A 6-45DF01808	45	1.170	1.156	1.340	.250 .3125	.34	21/32	.884	21/64	#8-32
A 6A 6-45DF01810										#8-32
A 6A 6-48DF01808	48	1.248	1.234	1.420	.250 .3125	.34	21/32	.933	21/64	#8-32
A 6A 6-48DF01810										#8-32
A 6A 6-50DF01808	50	1.300	1.286	1.470	.250 .3125	.34	21/32	.988	21/64	#8-32
A 6A 6-50DF01810										#8-32
A 6A 6-54DF01808	54	1.404	1.390	1.575	.250 .3125	.34	21/32	1.066	21/64	#8-32
A 6A 6-54DF01810										#8-32
A 6A 6-60DF01808	60	1.560	1.546	1.730	.250 .3125	.34	21/32	1.222	21/64	#8-32
A 6A 6-60DF01810										#8-32

NOTE: All pulleys have 2 set screws at 90°.



Timing Belt Pulleys - 40 D.P.

■ ALUMINUM

■ DOUBLE FLANGE

■ FOR 5/16" BELTS

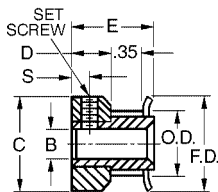


Fig. 1

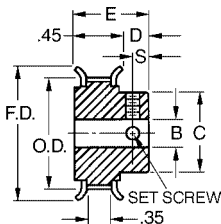
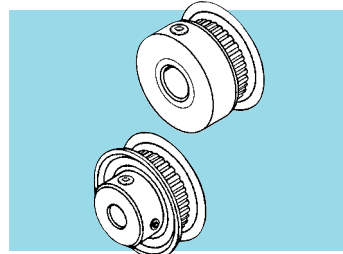


Fig. 2



MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D. +.000 -.003	F.D. ± 1/64	B Bore +.001 -.000	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A 6-10DF03103	1	10	.260	.246	.425	.094 .125	5/8	.425	15/64	7/64	#2-56 #4-40
A 6A 6-11DF03103		11	.286	.272	.450	.094 .125	5/8	.450	15/64	7/64	#2-56 #4-40
A 6A 6-12DF03103		12	.312	.298	.480	.094 .125	5/8	.480	15/64	7/64	#2-56 #4-40
A 6A 6-13DF03104		13	.338	.324	.505	.125	5/8	.505	15/64	7/64	#4-40
A 6A 6-14DF03104		14	.364	.350	.530	.125	5/8	.530	15/64	7/64	#4-40
A 6A 6-15DF03104		15	.390	.376	.555	.125 .1875	5/8	.555	15/64	7/64	#4-40
A 6A 6-16DF03104		16	.416	.402	.580	.125 .1875	5/8	.580	15/64	7/64	#4-40
A 6A 6-18DF03104		18	.468	.454	.635	.125 .1875	11/16	.312	15/64	7/64	#4-40 #6-40
A 6A 6-18DF03108	1					.250	5/8	.635	15/64	7/64	#8-32
A 6A 6-20DF03104	2	20	.520	.506	.685	.125 .1875	11/16	.364	15/64	7/64	#4-40 #6-40
A 6A 6-20DF03108	1					.250	5/8	.685	15/64	7/64	#8-32
A 6A 6-21DF03104	2	21	.546	.532	.710	.125 .1875	11/16	.390	15/64	7/64	#4-40 #6-40
A 6A 6-21DF03108	1					.250	5/8	.710	15/64	7/64	#8-32
A 6A 6-22DF03104	2	22	.572	.558	.740	.125 .1875	11/16	.390	15/64	7/64	#4-40 #6-40
A 6A 6-22DF03108	1					.250	5/8	.740	15/64	7/64	#8-32
A 6A 6-24DF03106	2	24	.624	.610	.790	.1875 .250	3/4	.442	19/64	5/32	#6-40
A 6A 6-25DF03106		25	.650	.636	.815	.1875 .250	3/4	.468	19/64	5/32	#6-40
A 6A 6-26DF03106		26	.676	.662	.840	.1875 .250	3/4	.494	19/64	5/32	#6-40
A 6A 6-28DF03106		28	.728	.714	.895	.1875 .250	3/4	.494	19/64	5/32	#6-40
A 6A 6-28DF03108											

NOTE: Pulleys with 10 to 16 grooves have 1 set screw; others have 2 at 90°.

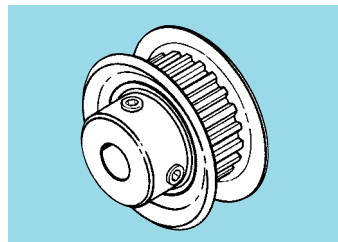
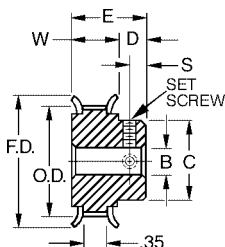


Timing Belt Pulleys - 40 D.P.

■ ALUMINUM

■ DOUBLE FLANGE

■ FOR 5/16" BELTS



MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

Catalog Number	No. of Grooves	P.D.	O.D. +.000 -.003	F.D. ± 1/64	B Bore +.001 -.000	W	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A 6-30DF03106 A 6A 6-30DF03108	30	.780	.766	.945	.1875 .250	.449	3/4	.546	19/64	5/32	#6-40 #8-32
A 6A 6-32DF03106 A 6A 6-32DF03108	32	.832	.818	1.000	.1875 .250	.449	3/4	.598	19/64	5/32	#6-40 #8-32
A 6A 6-33DF03106 A 6A 6-33DF03108	33	.858	.844	1.025	.1875 .250	.449	3/4	.624	19/64	5/32	#6-40 #8-32
A 6A 6-34DF03106 A 6A 6-34DF03108	34	.884	.870	1.050	.1875 .250	.449	3/4	.624	19/64	5/32	#6-40 #8-32
A 6A 6-35DF03106 A 6A 6-35DF03108	35	.910	.896	1.080	.1875 .250	.449	3/4	.650	19/64	7/64	#6-40 #8-32
A 6A 6-36DF03106 A 6A 6-36DF03108	36	.936	.922	1.105	.1875 .250	.449	3/4	.676	19/64	5/32	#6-40 #8-32
A 6A 6-38DF03108 A 6A 6-38DF03110	38	.988	.974	1.155	.250 .3125	.449	3/4	.728	19/64	5/32	#8-32
A 6A 6-40DF03108 A 6A 6-40DF03110	40	1.040	1.026	1.210	.250 .3125	.465	25/32	.754	5/16	5/32	#8-32
A 6A 6-42DF03108 A 6A 6-42DF03110	42	1.092	1.078	1.260	.250 .3125	.465	25/32	.806	5/16	5/32	#8-32
A 6A 6-44DF03108 A 6A 6-44DF03110	44	1.144	1.130	1.315	.250 .3125	.465	25/32	.858	5/16	5/32	#8-32
A 6A 6-45DF03108 A 6A 6-45DF03110	45	1.170	1.156	1.340	.250 .3125	.465	25/32	.884	5/16	5/32	#8-32
A 6A 6-48DF03108 A 6A 6-48DF03110	48	1.248	1.234	1.420	.250 .3125	.465	25/32	.933	5/16	5/32	#8-32
A 6A 6-50DF03108 A 6A 6-50DF03110	50	1.300	1.286	1.470	.250 .3125	.465	25/32	.988	5/16	5/32	#8-32
A 6A 6-54DF03108 A 6A 6-54DF03110	54	1.404	1.390	1.575	.250 .3125	.465	25/32	1.066	5/16	5/32	#8-32
A 6A 6-60DF03108 A 6A 6-60DF03110	60	1.560	1.546	1.730	.250 .3125	.465	25/32	1.222	5/16	5/32	#8-32

NOTE: All pulleys have 2 set screws at 90°.

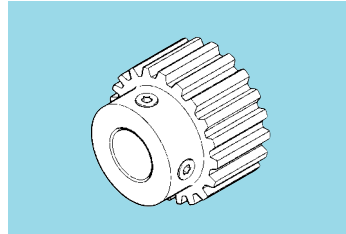
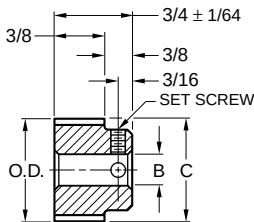


Timing Belt Pulleys - 40 D.P.

■ ALUMINUM

■ NO FLANGE

■ FOR 3/16" BELTS

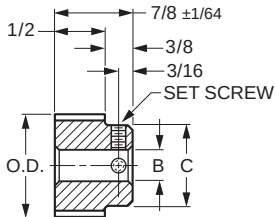


MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

Catalog Number	No. of Grooves	P.D.	O.D. +.000 -.003	B Bore +.001 -.000	C Hub Dia. ± 1/64	Set Screw
A 6A 6-20NF01806 A 6A 6-20NF01808	20	.520	.506	.1875 .250	.436	#6-40
A 6A 6-24NF01806 A 6A 6-24NF01808	24	.624	.610	.1875 .250	.500	#6-40 #8-32
A 6A 6-30NF01808	30	.780	.766		.656	
A 6A 6-40NF01808	40	1.040	1.026	.250	.666	#8-32
A 6A 6-45NF01808	45	1.170	1.156		.796	
A 6A 6-50NF01808 A 6A 6-50NF01810	50	1.300	1.286	.250 .3125	.926	#8-32
A 6A 6-60NF01808 A 6A 6-60NF01810	60	1.560	1.546	.250 .3125	1.186	#8-32
A 6A 6-70NF01808 A 6A 6-70NF01812	70	1.820	1.806	.250 .375	1.150	#10-32
A 6A 6-72NF01808 A 6A 6-72NF01812	72	1.872	1.858	.250 .375	1.202	#8-32 #10-32
A 6A 6-75NF01808 A 6A 6-75NF01812	75	1.950	1.936	.250 .375	1.266	#8-32 #10-32
A 6A 6-80NF01808 A 6A 6-80NF01812	80	2.080	2.066	.250 .375	1.396	#8-32 #10-32
A 6A 6-84NF01808 A 6A 6-84NF01812	84	2.184	2.170	.250 .375	1.500	#8-32 #10-32
A 6A 6-88NF01808 A 6A 6-88NF01812	88	2.288	2.274	.250 .375	1.500	#8-32 #10-32
A 6A 6-90NF01808 A 6A 6-90NF01812	90	2.340	2.326	.250 .375	1.500	#8-32 #10-32
A 6A 6-96NF01808 A 6A 6-96NF01812	96	2.496	2.482	.250 .375	1.500	#8-32 #10-32
A 6A 6-98NF01808 A 6A 6-98NF01812	98	2.548	2.534	.250 .375	1.500	#8-32 #10-32
A 6A61-00NF01810 A 6A61-00NF01812	100	2.600	2.586	.3125 .375	1.500	#8-32 #10-32
A 6A61-08NF01810 A 6A61-08NF01812	108	2.808	2.794	.3125 .375	1.500	#8-32 #10-32
A 6A61-20NF01810 A 6A61-20NF01812	120	3.120	3.106	.3125 .375	1.500	#8-32 #10-32

NOTE: All pulleys have 2 set screws at 90°.

■ ALUMINUM
■ NO FLANGE


MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

FOR 5/16" BELTS

Catalog Number	No. of Grooves	P.D.	O.D. +.000 -.003	B Bore +.001 -.000	C Hub Dia. ± 1/64	Set Screw
A 6A 6-20NF03106	20	.520	.506	.1875 .250	.436	#6-40
A 6A 6-20NF03108	24	.624	.610	.1875 .250	.500	#6-40 #8-32
A 6A 6-24NF03106	30	.780	.766	.250	.656	#8-32
A 6A 6-24NF03108	40	1.040	1.026	.250	.666	#8-32
A 6A 6-45NF03108	45	1.170	1.156	.250	.796	#8-32
A 6A 6-50NF03108	50	1.300	1.286	.250 .3125	.926	#8-32
A 6A 6-50NF03110	60	1.560	1.546	.250 .3125	1.186	#8-32
A 6A 6-60NF03108	60	1.560	1.546	.250 .3125	1.186	#8-32
A 6A 6-60NF03110	70	1.820	1.806	.250 .3125	1.150	#8-32 #10-32
A 6A 6-70NF03108	70	1.820	1.806	.250 .3125	1.150	#8-32 #10-32
A 6A 6-70NF03110	72	1.872	1.858	.250 .375	1.202	#8-32 #10-32
A 6A 6-72NF03108	72	1.872	1.858	.250 .375	1.202	#8-32 #10-32
A 6A 6-72NF03112	75	1.950	1.936	.250 .375	1.266	#8-32 #10-32
A 6A 6-75NF03108	75	1.950	1.936	.250 .375	1.266	#8-32 #10-32
A 6A 6-75NF03112	80	2.080	2.066	.250 .375	1.396	#8-32 #10-32
A 6A 6-80NF03108	80	2.080	2.066	.250 .375	1.396	#8-32 #10-32
A 6A 6-80NF03112	84	2.184	2.170	.250 .375	1.500	#8-32 #10-32
A 6A 6-84NF03108	84	2.184	2.170	.250 .375	1.500	#8-32 #10-32
A 6A 6-84NF03112	88	2.288	2.274	.250 .375	1.500	#8-32 #10-32
A 6A 6-88NF03108	88	2.288	2.274	.250 .375	1.500	#8-32 #10-32
A 6A 6-88NF03112	90	2.340	2.326	.250 .375	1.500	#8-32 #10-32
A 6A 6-90NF03108	90	2.340	2.326	.250 .375	1.500	#8-32 #10-32
A 6A 6-90NF03112	96	2.496	2.482	.250 .375	1.500	#8-32 #10-32
A 6A 6-96NF03108	96	2.496	2.482	.250 .375	1.500	#8-32 #10-32
A 6A 6-96NF03112	98	2.548	2.534	.250 .375	1.500	#8-32 #10-32
A 6A 6-98NF03108	98	2.548	2.534	.250 .375	1.500	#8-32 #10-32
A 6A 6-98NF03112	100	2.600	2.586	.3125 .375	1.500	#8-32 #10-32
A 6A61-00NF03110	100	2.600	2.586	.3125 .375	1.500	#8-32 #10-32
A 6A61-00NF03112	108	2.808	2.794	.3125 .375	1.500	#8-32 #10-32
A 6A61-08NF03110	108	2.808	2.794	.3125 .375	1.500	#8-32 #10-32
A 6A61-08NF03112	110	2.860	2.846	.375	1.500	#10-32
A 6A61-10NF03112	120	3.120	3.106	.3125 .375	1.500	#8-32 #10-32
A 6A61-20NF03110	120	3.120	3.106	.3125 .375	1.500	#8-32 #10-32
A 6A61-20NF03112	130	3.380	3.366	.375	1.625	#10-32
A 6A61-30NF03112	140	3.640	3.626	.375	1.750	#10-32
A 6A61-40NF03112	150	3.900	3.886	.375	2.000	#10-32
A 6A61-50NF03112	150	3.900	3.886	.375	2.000	#10-32

NOTE: All pulleys have 2 set screws at 90°.

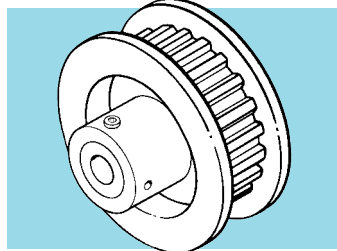
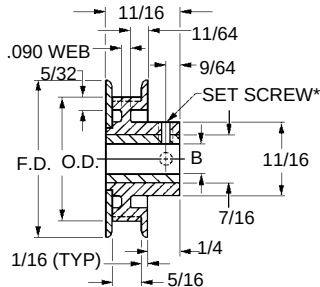


Timing Belt Pulleys - 40 D.P.

■ MOLDED WITH INSERT

■ DOUBLE FLANGE

■ FOR 1/4" BELTS



MATERIAL: Pulley - Acetal
Insert - Brass, Knurled



Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000
A 6Z 6-34DF02506	34	.884	.870	1.00	.1875
A 6Z 6-34DF02508					.250
A 6Z 6-34DF02510					.3125
A 6Z 6-36DF02506	36	.936	.922	1.10	.1875
A 6Z 6-36DF02508					.250
A 6Z 6-36DF02510					.3125
A 6Z 6-38DF02506	38	.988	.974	1.15	.1875
A 6Z 6-38DF02508					.250
A 6Z 6-38DF02510					.3125
A 6Z 6-40DF02506	40	1.040	1.026	1.21	.1875
A 6Z 6-40DF02508					.250
A 6Z 6-40DF02510					.3125
A 6Z 6-42DF02506	42	1.092	1.078	1.26	.1875
A 6Z 6-42DF02508					.250
A 6Z 6-42DF02510					.3125
A 6Z 6-44DF02506	44	1.144	1.130	1.31	.1875
A 6Z 6-44DF02508					.250
A 6Z 6-44DF02510					.3125
A 6Z 6-46DF02506	46	1.196	1.182	1.37	.1875
A 6Z 6-46DF02508					.250
A 6Z 6-46DF02510					.3125
A 6Z 6-48DF02506	48	1.248	1.234	1.42	.1875
A 6Z 6-48DF02508					.250
A 6Z 6-48DF02510					.3125
A 6Z 6-50DF02506	50	1.300	1.286	1.47	.1875
A 6Z 6-50DF02508					.250
A 6Z 6-50DF02510					.3125
A 6Z 6-51DF02508	51	1.326	1.312	1.49	.250
A 6Z 6-51DF02510					.3125

NOTE: Pulleys with 34 to 38 grooves do not have webs. Continued on the next page

*Pulleys with: .1875 bore have #4-40 set screw and spot drill.

.250 bore have #6-32 set screw and spot drill.

.3125 bore have #8-32 set screw and spot drill.

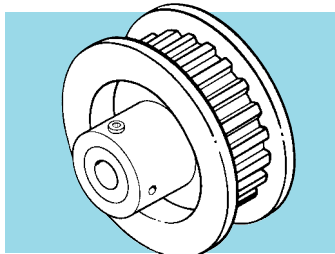
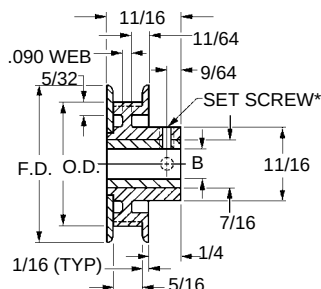


Timing Belt Pulleys - 40 D.P.

■ MOLDED WITH INSERT

■ DOUBLE FLANGE

■ FOR 1/4" BELTS



MATERIAL: Pulley - Acetal
Insert - Brass, Knurled

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000
A 6Z 6-54DF02508	54	1.404	1.390	1.57	.250
A 6Z 6-54DF02510					.3125
A 6Z 6-60DF02508	60	1.560	1.546	1.72	.250
A 6Z 6-60DF02510					.3125
A 6Z 6-70DF02508	70	1.820	1.806	1.99	.250
A 6Z 6-70DF02510					.3125
A 6Z 6-72DF02508	72	1.872	1.858	2.03	.250
A 6Z 6-72DF02510					.3125
A 6Z 6-75DF02508	75	1.950	1.936	2.12	.250
A 6Z 6-75DF02510					.3125
A 6Z 6-80DF02508	80	2.080	2.066	2.25	.250
A 6Z 6-80DF02510					.3125
A 6Z 6-84DF02508	84	2.184	2.170	2.35	.250
A 6Z 6-84DF02510					.3125
A 6Z 6-90DF02508	90	2.340	2.326	2.51	.250
A 6Z 6-90DF02510					.3125
A 6Z 6-96DF02508	96	2.496	2.482	2.66	.250
A 6Z 6-96DF02510					.3125
A 6Z 6-97DF02508	97	2.524	2.508	2.67	.250
A 6Z 6-97DF02510					.3125
A 6Z 6-98DF02508	98	2.548	2.534	2.71	.250
A 6Z 6-98DF02510					.3125
A 6Z 6-99DF02508	99	2.574	2.559	2.75	.250
A 6Z 6-99DF02510					.3125
A 6Z61-00DF02508	100	2.600	2.586	2.77	.250
A 6Z61-00DF02510					.3125
A 6Z61-02DF02508	102	2.652	2.638	2.82	.250
A 6Z61-02DF02510					.3125
A 6Z61-10DF02508	110	2.860	2.846	3.03	.250
A 6Z61-10DF02510					.3125
A 6Z61-20DF02508	120	3.120	3.106	3.36	.250
A 6Z61-20DF02510					.3125

*Pulleys with: .250 bore have #6-32 set screw and spot drill.
.3125 bore have #8-32 set screw and spot drill.

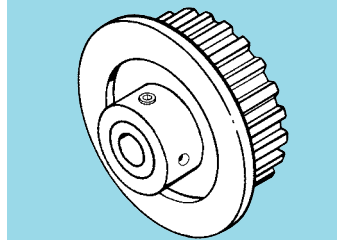
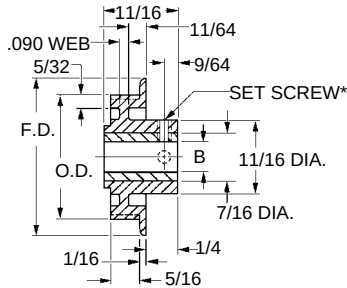


Timing Belt Pulleys - 40 D.P.

■ MOLDED WITH INSERT

■ SINGLE FLANGE

■ FOR 1/4" BELTS



MATERIAL: Pulley - Acetal
Insert - Brass, Knurled



Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000
A 6Z 6-34SF02506	34	.884	.870	1.00	.1875
A 6Z 6-34SF02508					.250
A 6Z 6-34SF02510					.3125
A 6Z 6-36SF02506	36	.936	.922	1.10	.1875
A 6Z 6-36SF02508					.250
A 6Z 6-36SF02510					.3125
A 6Z 6-38SF02506	38	.988	.974	1.15	.1875
A 6Z 6-38SF02508					.250
A 6Z 6-38SF02510					.3125
A 6Z 6-40SF02506	40	1.040	1.026	1.21	.1875
A 6Z 6-40SF02508					.250
A 6Z 6-40SF02510					.3125
A 6Z 6-42SF02506	42	1.092	1.078	1.26	.1875
A 6Z 6-42SF02508					.250
A 6Z 6-42SF02510					.3125
A 6Z 6-44SF02506	44	1.144	1.130	1.31	.1875
A 6Z 6-44SF02508					.250
A 6Z 6-44SF02510					.3125
A 6Z 6-46SF02506	46	1.196	1.182	1.37	.1875
A 6Z 6-46SF02508					.250
A 6Z 6-46SF02510					.3125
A 6Z 6-48SF02506	48	1.248	1.234	1.42	.1875
A 6Z 6-48SF02508					.250
A 6Z 6-48SF02510					.3125
A 6Z 6-50SF02506	50	1.300	1.286	1.47	.1875
A 6Z 6-50SF02508					.250
A 6Z 6-50SF02510					.3125
A 6Z 6-51SF02508	51	1.326	1.312	1.49	.250
A 6Z 6-51SF02510					.3125

NOTE: Pulleys with 34 to 38 grooves do not have webs. Continued on the next page

*Pulleys with: .1875 bore have #4-40 set screw and spot drill.
.250 bore have #6-32 set screw and spot drill.
.3125 bore have #8-32 set screw and spot drill.

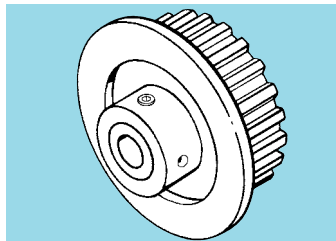
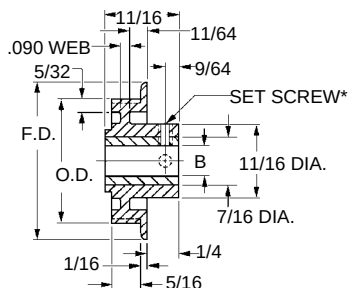


Timing Belt Pulleys - 40 D.P.

■ MOLDED WITH INSERT

■ SINGLE FLANGE

■ FOR 1/4" BELTS



MATERIAL: Pulley - Acetal
Insert - Brass, Knurled



Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000
A 6Z 6-54SF02508	54	1.404	1.390	1.57	.250
A 6Z 6-54SF02510					.3125
A 6Z 6-60SF02508	60	1.560	1.546	1.72	.250
A 6Z 6-60SF02510					.3125
A 6Z 6-70SF02508	70	1.820	1.806	1.99	.250
A 6Z 6-70SF02510					.3125
A 6Z 6-72SF02508	72	1.872	1.858	2.03	.250
A 6Z 6-72SF02510					.3125
A 6Z 6-75SF02508	75	1.950	1.936	2.12	.250
A 6Z 6-75SF02510					.3125
A 6Z 6-80SF02508	80	2.080	2.066	2.25	.250
A 6Z 6-80SF02510					.3125
A 6Z 6-84SF02508	84	2.184	2.170	2.35	.250
A 6Z 6-84SF02510					.3125
A 6Z 6-90SF02508	90	2.340	2.326	2.51	.250
A 6Z 6-90SF02510					.3125
A 6Z 6-96SF02508	96	2.496	2.482	2.66	.250
A 6Z 6-96SF02510					.3125
A 6Z 6-97SF02508	97	2.524	2.508	2.67	.250
A 6Z 6-97SF02510					.3125
A 6Z 6-98SF02508	98	2.548	2.534	2.71	.250
A 6Z 6-98SF02510					.3125
A 6Z 6-99SF02508	99	2.574	2.559	2.75	.250
A 6Z 6-99SF02510					.3125
A 6Z61-00SF02508	100	2.600	2.586	2.77	.250
A 6Z61-00SF02510					.3125
A 6Z61-02SF02508	102	2.652	2.638	2.82	.250
A 6Z61-02SF02510					.3125
A 6Z61-10SF02508	110	2.860	2.846	3.03	.250
A 6Z61-10SF02510					.3125
A 6Z61-20SF02508	120	3.120	3.106	3.36	.250
A 6Z61-20SF02510					.3125

*Pulleys with: .250 bore have #6-32 set screw and spot drill.
.3125 bore have #8-32 set screw and spot drill.

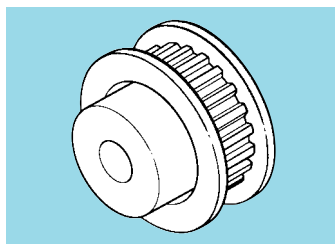
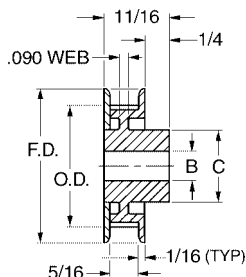


Timing Belt Pulleys - 40 D.P.

■ MOLDED

■ DOUBLE FLANGE

■ FOR 1/4" BELTS



MATERIAL: Acetal

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.002	C Hub Dia.
A 6M 6-10DF02503	10	.260	.246	.42	.094	7/16
A 6M 6-11DF02503	11	.286	.272	.45		
A 6M 6-14DF02504	14	.364	.350	.54	.125	7/16
A 6M 6-15DF02504	15	.390	.376	.56		
A 6M 6-18DF02506	18	.468	.454	.64	.1875	1/2
A 6M 6-19DF02506	19	.494	.480	.67		
A 6M 6-20DF02506	20	.520	.506	.69		
A 6M 6-21DF02506	21	.546	.532	.73		
A 6M 6-24DF02506	24	.624	.610	.80		
A 6M 6-25DF02508	25	.650	.636	.83	.250	1/2
A 6M 6-28DF02508	28	.728	.714	.90		
A 6M 6-30DF02508	30	.780	.766	.95		
A 6M 6-32DF02508	32	.832	.818	1.00		
A 6M 6-34DF02508	34	.884	.870	1.00	.250	11/16
A 6M 6-36DF02508	36	.936	.922	1.10		
A 6M 6-38DF02508	38	.988	.974	1.15		
A 6M 6-40DF02508	40	1.040	1.026	1.21		11/16
A 6M 6-42DF02508	42	1.092	1.078	1.26		
A 6M 6-44DF02508	44	1.144	1.130	1.31	.3125	11/16
A 6M 6-46DF02508	46	1.196	1.182	1.37		
A 6M 6-48DF02508	48	1.248	1.234	1.42		
A 6M 6-50DF02508	50	1.300	1.286	1.47		
A 6M 6-51DF02508	51	1.326	1.312	1.49	.3125	11/16
A 6M 6-54DF02508	54	1.404	1.390	1.57		
A 6M 6-60DF02508	60	1.560	1.546	1.72		
A 6M 6-70DF02508	70	1.820	1.806	1.99		
A 6M 6-72DF02510	72	1.872	1.858	2.03	.3125	11/16
A 6M 6-75DF02510	75	1.950	1.936	2.12		
A 6M 6-80DF02510	80	2.080	2.066	2.25		
A 6M 6-84DF02510	84	2.184	2.170	2.35	.3125	11/16
A 6M 6-90DF02510	90	2.340	2.326	2.51		
A 6M 6-96DF02510	96	2.496	2.482	2.66		
A 6M 6-97DF02510	97	2.524	2.508	2.67	.3125	11/16
A 6M 6-98DF02510	98	2.548	2.534	2.71		
A 6M 6-99DF02510	99	2.574	2.559	2.75		
A 6M61-00DF02510	100	2.600	2.586	2.77	.3125	11/16
A 6M61-02DF02510	102	2.652	2.638	2.82		
A 6M61-10DF02510	110	2.860	2.846	3.03		
A 6M61-20DF02510	120	3.120	3.106	3.36		

NOTE: Pulleys with 10 to 38 grooves do not have webs.

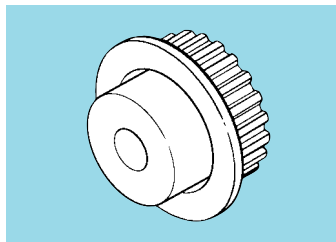
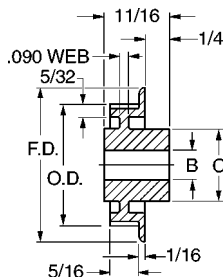


Timing Belt Pulleys - 40 D.P.

■ MOLDED

■ SINGLE FLANGE

■ FOR 1/4" BELTS



MATERIAL: Acetal

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.002	C Hub Dia.		
A 6M 6-10SF02503	10	.260	.246	.42	.094	7/16		
A 6M 6-11SF02503	11	.286	.272	.45				
A 6M 6-14SF02504	14	.364	.350	.54				
A 6M 6-15SF02504	15	.390	.376	.56	.125	7/16		
A 6M 6-18SF02506	18	.468	.454	.64				
A 6M 6-19SF02506	19	.494	.480	.67				
A 6M 6-20SF02506	20	.520	.506	.69				
A 6M 6-21SF02506	21	.546	.532	.73				
A 6M 6-24SF02506	24	.624	.610	.80				
A 6M 6-25SF02508	25	.650	.636	.83			.1875	1/2
A 6M 6-28SF02508	28	.728	.714	.90				
A 6M 6-30SF02508	30	.780	.766	.95				
A 6M 6-32SF02508	32	.832	.818	1.00				
A 6M 6-34SF02508	34	.884	.870	1.00	.250	11/16		
A 6M 6-36SF02508	36	.936	.922	1.10				
A 6M 6-38SF02508	38	.988	.974	1.15				
A 6M 6-40SF02508	40	1.040	1.026	1.21	.250	11/16		
A 6M 6-42SF02508	42	1.092	1.078	1.26				
A 6M 6-44SF02508	44	1.144	1.130	1.31	.250	11/16		
A 6M 6-46SF02508	46	1.196	1.182	1.37				
A 6M 6-48SF02508	48	1.248	1.234	1.42				
A 6M 6-50SF02508	50	1.300	1.286	1.47				
A 6M 6-51SF02508	51	1.326	1.312	1.49	.3125	11/16		
A 6M 6-54SF02508	54	1.404	1.390	1.57				
A 6M 6-60SF02508	60	1.560	1.546	1.72				
A 6M 6-70SF02508	70	1.820	1.806	1.99				
A 6M 6-72SF02510	72	1.872	1.858	2.03	.3125	11/16		
A 6M 6-75SF02510	75	1.950	1.936	2.12				
A 6M 6-80SF02510	80	2.080	2.066	2.25				
A 6M 6-84SF02510	84	2.184	2.170	2.35	.3125	11/16		
A 6M 6-90SF02510	90	2.340	2.326	2.51				
A 6M 6-96SF02510	96	2.496	2.482	2.66				
A 6M 6-97SF02510	97	2.524	2.508	2.67		.3125	11/16	
A 6M 6-98SF02510	98	2.548	2.534	2.71				
A 6M 6-99SF02510	99	2.574	2.559	2.75				
A 6M61-00SF02510	100	2.600	2.586	2.77				.3125
A 6M61-02SF02510	102	2.652	2.638	2.82				
A 6M61-10SF02510	110	2.860	2.846	3.03				
A 6M61-20SF02510	120	3.120	3.106	3.36				

NOTE: Pulleys with 10 to 38 grooves do not have webs.

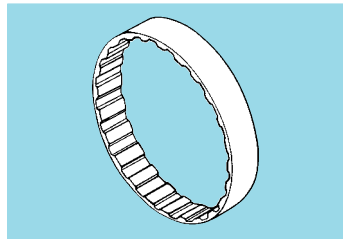
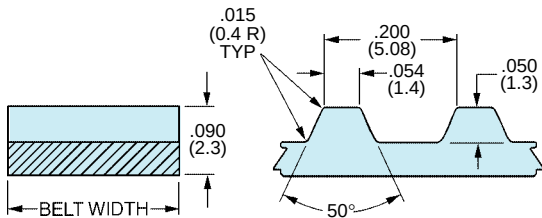


INCH/ METRIC

XL Timing Belts - 1/5" or 5.08 mm Pitch

■ NEOPRENE

■ 1/4, 5/16 & 3/8 INCH (6, 8 & 9.5 mm) WIDE



NOTE: Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 R 3-			
	No. of Grooves (See tables below)	Width Code (See right)		
		025	1/4	A 6R 3-034037 is a 34 Groove 3/8" Wide Belt.
		031	5/16	
METRIC	A 6 R 3 M			
	No. of Grooves (See tables below)	Width Code (See right)		
		060	6 mm	A 6R 3M060080 is a 60 Groove 8 mm Wide Belt.
		080	8 mm	
		095	9.5 mm	

BREAKING STRENGTH: 113 lbs. per 1/8" (158 N per 1 mm) Belt Width; not representative of the load-carrying capacity of the belt.

WORKING TENSION: 28 lbs. for 1" belt (125 N for 25.4 mm belt). For more on Working Tension, see the Technical Info page at the beginning of **Section 2**.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene

TEMPERATURE RANGE: -30°F to +185°F (-34°C to +85°C)

No. of Grooves	Pitch Length	
	Inch	mm
21	4.2	106.68
25	5.0	127
27	5.4	137.16
28	5.6	142.24
29	5.8	147.32
30	6.0	152.4
31	6.2	157.48
32	6.4	162.56
33	6.6	167.64
34	6.8	172.72
35	7.0	177.8
36	7.2	182.88
37	7.4	187.96
38	7.6	193.04
39	7.8	198.12
40	8.0	203.2
41	8.2	208.28
42	8.4	213.36
43	8.6	218.44
44	8.8	223.52
45	9.0	228.6
46	9.2	233.68

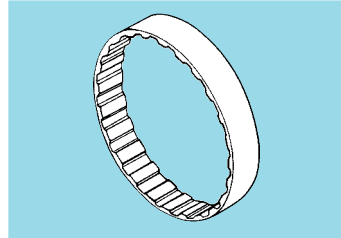
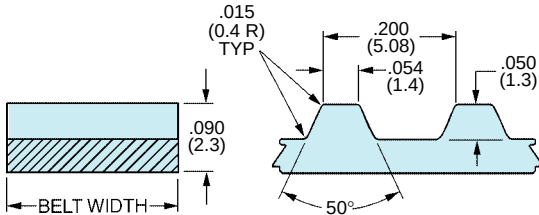
No. of Grooves	Pitch Length	
	Inch	mm
47	9.4	238.76
48	9.6	243.84
49	9.8	248.92
50	10.0	254
51	10.2	259.08
52	10.4	264.16
53	10.6	269.24
54	10.8	274.32
55	11.0	279.4
56	11.2	284.48
57	11.4	289.56
58	11.6	294.64
59	11.8	299.72
60	12.0	304.8
61	12.2	309.88
62	12.4	314.96
63	12.6	320.04
64	12.8	325.12
65	13.0	330.2
66	13.2	335.28
67	13.4	340.36
68	13.6	345.44

No. of Grooves	Pitch Length	
	Inch	mm
69	13.8	350.52
70	14.0	355.6
71	14.2	360.68
72	14.4	365.76
73	14.6	370.84
74	14.8	375.92
75	15.0	381
76	15.2	386.08
77	15.4	391.16
78	15.6	396.24
79	15.8	401.32
80	16.0	406.4
81	16.2	411.48
82	16.4	416.56
83	16.6	421.64
84	16.8	426.72
85	17.0	431.8
86	17.2	436.88
87	17.4	441.96
88	17.6	447.04
89	17.8	452.12
90	18.0	457.2

Continued on the next page

Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.


**INCH/
METRIC**
XL Timing Belts - 1/5" or 5.08 mm Pitch
■ NEOPRENE
■ 1/4, 5/16 & 3/8 INCH (6, 8 & 9.5 mm) WIDE

NOTE: Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 R 3-			
	No. of Grooves			
	(See tables below)			
	Width Code			
	(See right)			
METRIC	A 6 R 3 M			
	No. of Grooves			
	(See tables below)			
	Width Code			
	(See right)			

BREAKING STRENGTH: 113 lbs. per 1/8" (158 N per 1 mm) Belt Width; not representative of the load-carrying capacity of the belt.

WORKING TENSION: 28 lbs. for 1" belt (125 N for 25.4 mm belt). For more on Working Tension, see the Technical Info page at the beginning of **Section 2**.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene

TEMPERATURE RANGE: -30°F to +185°F (-34°C to +85°C)

No. of Grooves	Pitch Length	
	Inch	mm
91	18.2	462.28
92	18.4	467.36
93	18.6	472.44
94	18.8	477.52
95	19.0	482.6
96	19.2	487.68
97	19.4	492.76
98	19.6	497.84
99	19.8	502.92
100	20.0	508
101	20.2	513.08
102	20.4	518.16
103	20.6	523.24
104	20.8	528.32
105	21.0	533.4
106	21.2	538.48
107	21.4	543.56
109	21.8	553.72
110	22.0	558.8
111	22.2	563.88
113	22.6	574.04
114	22.8	695.96

No. of Grooves	Pitch Length	
	Inch	mm
115	23.0	579.12
116	23.2	584.2
117	23.4	589.28
118	23.6	594.36
120	24.0	599.44
121	24.2	609.6
122	24.4	614.68
123	24.6	619.76
124	24.8	624.84
125	25.0	629.92
*126	25.2	635
127	25.4	640.08
128	25.6	645.16
129	25.8	650.24
130	26.0	655.32
131	26.2	660.4
132	26.4	665.48
133	26.6	670.56
134	26.8	675.64
135	27.0	680.72
136	27.2	685.8
137	27.4	690.88

No. of Grooves	Pitch Length	
	Inch	mm
138	27.6	701.04
140	28.0	711.2
142	28.4	721.36
143	28.6	726.44
145	29.0	736.6
146	29.2	741.68
148	29.6	751.84
150	30.0	762
153	30.6	777.24
155	31.0	787.4
157	31.4	797.56
158	31.6	802.64
160	32.0	812.8
161	32.2	817.88
165	33.0	838.2
169	33.8	858.52
170	34.0	863.6
172	34.4	873.76
174	34.8	883.92
175	35.0	889
176	35.2	894.08
178	35.6	904.24

* To be discontinued when present stock is depleted.

Continued on the next page

Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.

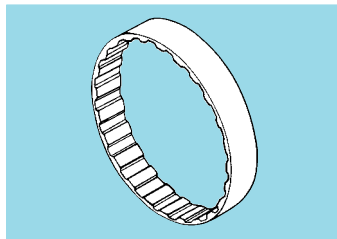
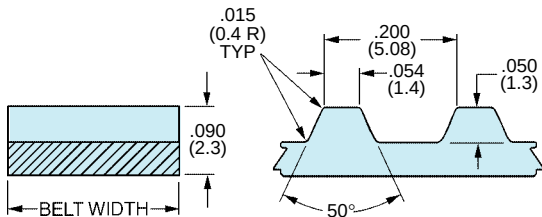


INCH/ METRIC

XL Timing Belts - 1/5" or 5.08 mm Pitch

■ NEOPRENE

■ 1/4, 5/16 & 3/8 INCH (6, 8 & 9.5 mm) WIDE



NOTE: Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 R 3-	025		
	No. of Grooves (See tables below)	031	1/4	A 6 R 3-227031 is a 227
	Width Code (See right)	037	5/16	Groove 5/16" Wide Belt.
			3/8	
METRIC	A 6 R 3M	060	6 mm	
	No. of Grooves (See tables below)	080	8 mm	A 6 R 3M368095 is a 368
	Width Code (See right)	095	9.5 mm	Groove 9.5 mm Wide Belt.

BREAKING STRENGTH: 113 lbs. per 1/8" (158 N per 1 mm) of Belt Width; not representative of the load-carrying capacity of the belt.

WORKING TENSION: 28 lbs. for 1" belt (125 N for 25.4 mm belt). For more on Working Tension, see the Technical Info page at the beginning of **Section 2**.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene

TEMPERATURE RANGE: -30°F to +185°F (-34°C to +85°C)

No. of Grooves	Pitch Length	
	Inch	mm
180	36.0	914.4
181	36.2	919.48
182	36.4	924.56
185	37.0	939.8
186	37.2	944.88
188	37.6	955.04
190	38.0	965.2
191	38.2	970.28
192	38.4	975.36
194	38.8	985.52
195	39.0	990.6
196	39.2	995.68
198	39.6	1005.84
200	40.0	1016
202	40.4	1026.16
204	40.8	1036.32
206	41.2	1046.48
207	41.4	1051.56
210	42.0	1066.8
212	42.4	1076.96
215	43.0	1092.2

No. of Grooves	Pitch Length	
	Inch	mm
216	43.2	1097.28
217	43.4	1102.36
219	43.8	1112.52
222	44.4	1127.76
225	45.0	1143
227	45.4	1153.16
228	45.6	1158.24
230	46.0	1168.4
234	46.8	1188.72
240	48.0	1219.2
243	48.6	1234.44
245	49.0	1244.6
246	49.2	1249.68
249	49.8	1264.92
250	50.0	1270
253	50.6	1285.24
*254	50.8	1290.32
257	51.4	1305.56
262	52.4	1330.96
270	54.0	1371.6
274	54.8	1391.92

No. of Grooves	Pitch Length	
	Inch	mm
277	55.4	1290.32
283	56.6	1437.64
285	57.0	1447.8
290	58.0	1473.2
296	59.2	1503.68
304	60.8	1544.32
306	61.2	1554.48
315	63.0	1600.2
331	66.2	1681.48
336	67.2	1706.88
345	69.0	1752.6
368	73.6	1869.44
380	76.0	1930.4
384	76.8	1950.72
385	77.0	1955.8
414	82.8	2103.12
425	85.0	2159
430	86.0	2184.4
444	88.8	2255.52
450	90.0	2286
510	102.0	2590.8
590	118.0	2997.2

* To be discontinued when present stock is depleted.

Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.

SDP/SI

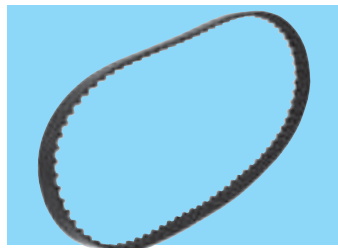
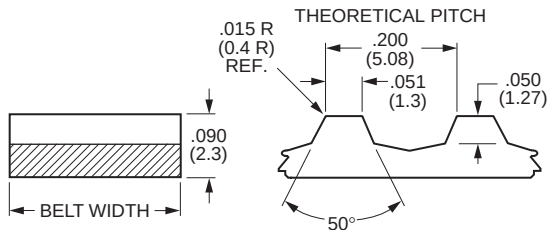
Stock Drive Products/Sterling Instrument

XL Timing Belts - 1/5" or 5.08 mm Pitch

Phone: 516-326-3300 Fax: 516-326-8827

■ POLYURETHANE

■ 1/4, 5/16 & 3/8 INCH - 6, 8 & 9.5 mm WIDE



NOTE: Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:				Width Code	Belt Width	Example
I N C H	A 6	3 -		025	1/4	A 6G 3-083037 is an 83 Groove 3/8 Wide Belt with Polyester Cord.
	Polyester Cord	G		031	5/16	
	Kevlar Cord	B		037	3/8	
		No. of Grooves	Width Code			
M E T R I C	A 6	3 M		060	6 mm	A 6B 3M095060 is a 95 Groove 6 mm Wide Belt with Kevlar Cord.
	Polyester Cord	G		080	8 mm	
	Kevlar Cord	B		095	9.5 mm	
		No. of Grooves	Width Code			

MATERIAL: Body – Polyurethane; Cord – Polyester Balanced Construction or Kevlar**Δ BREAKING STRENGTH:** Polyester – 80 lbs. per 1/8 (112 N per 1 mm) Belt Width

Kevlar – 130 lbs. per 1/8 (182 N per 1 mm) Belt Width

TEMPERATURE RANGE: Continuous: 0°F to +180°F (-18°C to +82°C)

Intermittent: up to +250°F (+121°C)

No. of Grooves	Pitch Length	
	Inch	mm
20	4.0	101.6
25	5.0	127
30	6.0	152.4
34	6.8	172.7
35	7.0	177.8
40	8.0	203.2
41	8.2	208.3
42	8.4	213.4
45	9.0	228.6
47	9.4	238.8
48	9.6	243.8
50	10.0	254
52	10.4	264.2
55	11.0	279.4
60	12.0	304.8
65	13.0	330.2

No. of Grooves	Pitch Length	
	Inch	mm
70	14.0	355.6
72	14.4	365.8
75	15.0	381
78	15.6	396.2
80	16.0	406.4
83	16.6	421.6
85	17.0	431.8
86	17.2	436.9
88	17.6	447
90	18.0	457.2
95	19.0	482.6
100	20.0	508
105	21.0	533.4
110	22.0	558.8
115	23.0	584.2
120	24.0	609.6

No. of Grooves	Pitch Length	
	Inch	mm
125	25.0	635
130	26.0	660.4
135	27.0	685.8
140	28.0	711.2
145	29.0	736.6
150	30.0	762
165	33.0	838.2
170	34.0	863.6
172	34.4	873.7
175	35.0	889
180	36.0	914.4
230	46.0	1168.4
240	48.0	1219.2

Δ Breaking Strength is not representative of the load-carrying capacity of the belt.

Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.

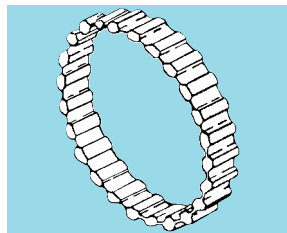
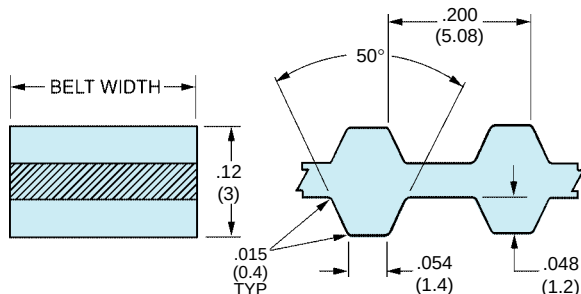


INCH/ METRIC

XL Double-Sided Belts - 1/5" or 5.08 mm Pitch

■ NEOPRENE

■ 1/4, 5/16 & 3/8 INCH (6, 8 & 9.5 mm) WIDE



NOTE: Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 R 3 - D	025	1/4	A 6R 3-D075025 is a 75 Groove 1/4" Wide Belt.
	No. of Grooves (See tables below)	031	5/16	
	Width Code (See right)	037	3/8	
METRIC	A 6 R 3 M D	060	6 mm	A 6R 3MD075060 is a 75 Groove 6 mm Wide Belt.
	No. of Grooves (See tables below)	080	8 mm	
	Width Code (See right)	095	9.5 mm	

BREAKING STRENGTH: 113 lbs. per 1/8" (158 N per 1 mm) Belt Width; not representative of the load-carrying capacity of the belt

WORKING TENSION: 28 lbs. for 1" belt (125 N for 25.4 mm belt)

For more on Working Tension, see the Technical Info page at the beginning of **Section 2**

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene

TEMPERATURE RANGE: -30°F to +185°F (-34°C to +85°C)

No. of Grooves	Pitch Length	
	Inch	mm
30	6.0	152.4
35	7.0	177.8
40	8.0	203.2
50	10.0	254
55	11.0	279.4
60	12.0	304.8
65	13.0	330.2
70	14.0	355.6
75	15.0	381
80	16.0	406.4

No. of Grooves	Pitch Length	
	Inch	mm
85	17.0	431.8
90	18.0	457.2
95	19.0	482.6
100	20.0	508
105	21.0	533.4
110	22.0	558.8
115	23.0	584.2
120	24.0	609.6
125	25.0	635
130	26.0	660.4
140	28.0	711.2

No. of Grooves	Pitch Length	
	Inch	mm
145	29.0	736.6
150	30.0	762
155	31.0	787.4
165	33.0	838.2
181	36.2	919.48
195	39.0	990.6
196	39.2	995.68
225	45.0	1143
246	49.2	1249.68
345	69.0	1752.6
*450	90.0	2286

* Will be discontinued when present stock is depleted.

Special Widths - cut to size from sleeves available from stock.

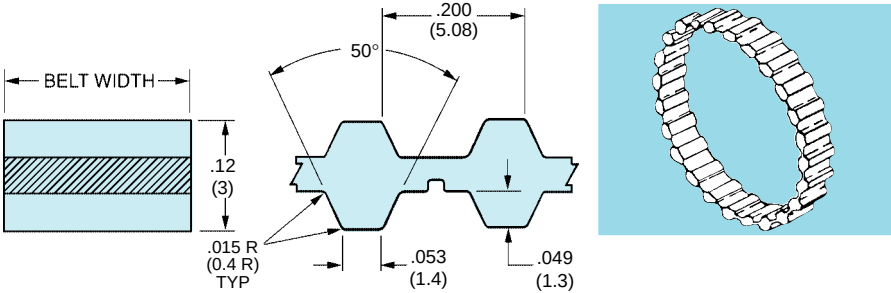
Pulleys are available with inch or metric standards.

INCH/
METRIC

XL Double - Sided Belts - 1/5" or 5.08 mm Pitch

■ POLYURETHANE

■ 1/4, 5/16 & 3/8 INCH (6, 8 & 9.5 mm) WIDE



NOTE: Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 B 3 - D			
	No. of Grooves	025	1/4	A 6B 3-D075037 is a 75 Groove 3/8" Wide Belt.
	(See tables below)	031	5/16	
	Width Code	037	3/8	
METRIC	A 6 B 3 M D			
	No. of Grooves	060	6 mm	A 6B 3MD085080 is an 85 Groove 8 mm Wide Belt.
	(See tables below)	080	8 mm	
	Width Code	095	9.5 mm	

MATERIAL: Body – Polyurethane
Cord – Kevlar

BREAKING STRENGTH: 130 lbs. per 1/8" (182 N per 1 mm) Belt Width; not representative of the load-carrying capacity of the belt

TEMPERATURE RANGE: Continuous: 0°F to +180°F (-18°C to +82°C)
Intermittent: up to +248°F (+120°C)

No. of Grooves	Pitch Length	
	Inch	mm
70	14.0	355.6
73	14.6	370.84
75	15.0	381
83	16.6	421.64
85	17.0	431.8
90	18.0	457.2
95	19.0	482.6
100	20.0	508
105	21.0	533.4
110	22.0	558.8

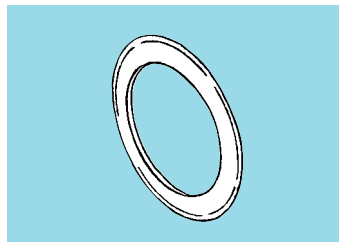
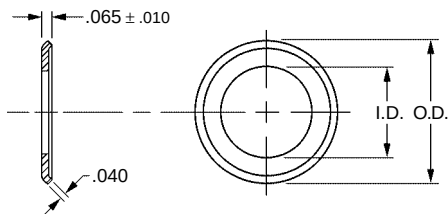
No. of Grooves	Pitch Length	
	Inch	mm
115	23.0	584.2
120	24.0	609.6
135	27.0	685.8
145	29.0	736.6
160	32.0	812.8
188	37.6	955.04
200	40.0	1016
215	43.0	1092.2
245	49.0	1244.6

Special Widths - cut to size from sleeves available from stock.
Pulleys are available with inch or metric standards.



Pulley Flanges For XL 1/5 Pitch

■ ALUMINUM OR STEEL



MATERIAL: Aluminum Alloy or Steel

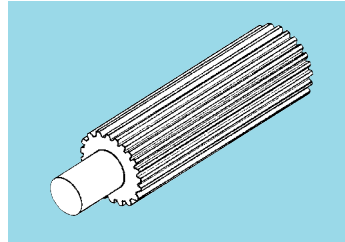
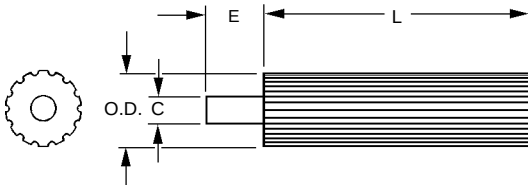
Priced Per 25 Pieces

Catalog Number		Pulley Grooves (Ref.)	I.D. ± .003	O.D. ± 1/64
Aluminum Alloy	Steel			
A 6A 2-10FA	A 6C 2-10FS	10	.503	7/8
A 6A 2-11FA	A 6C 2-11FS	11	.562	15/16
A 6A 2-12FA	A 6C 2-12FS	12	.562	1
A 6A 2-13FA	A 6C 2-13FS	13	.625	1-1/16
A 6A 2-14FA	A 6C 2-14FS	14	.684	1-3/32
A 6A 2-15FA	A 6C 2-15FS	15	.748	1-3/16
A 6A 2-15FAX	A 6C 2-15FSX	15	.814	1-3/16
A 6A 2-16FA	A 6C 2-16FS	16	.810	1-1/4
A 6A 2-17FA	A 6C 2-17FS	17	.887	1-5/16
A 6A 2-18FA	A 6C 2-18FS	18	.936	1-3/8
A 6A 2-19FA	A 6C 2-19FS	19	1.000	1-7/16
A 6A 2-20FA	A 6C 2-20FS	20	1.062	1-1/2
A 6A 2-21FA	A 6C 2-21FS	21	1.125	1-9/16
A 6A 2-22FA	A 6C 2-22FS	22	1.160	1-5/8
A 6A 2-23FA	A 6C 2-23FS	23	1.222	1-11/16
A 6A 2-24FA	A 6C 2-24FS	24	1.222	1-3/4
A 6A 2-25FA	A 6C 2-25FS	25	1.250	1-13/16
A 6A 2-26FA	A 6C 2-26FS	26	1.347	1-7/8
A 6A 2-28FA	A 6C 2-28FS	28	1.425	2
A 6A 2-30FA	A 6C 2-30FS	30	1.550	2-1/8
A 6A 2-32FA	A 6C 2-32FS	32	1.675	2-1/4



XL Timing Pulley Stock - 1/5 Pitch

■ ALUMINUM



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	P.D.	O.D.*	C Shank Dia.	E Shank Length	L Minimum Usable Length
A 6A 2-08XL06	8	.509	.489	1/2 [7/16] ^Δ	7/8	6
A 6A 2-10XL06	10	.637	.617			
A 6A 2-11XL06	11	.700	.680			
A 6A 2-12XL08	12	.764	.744	1/2	1 [3/4] ^Δ	8
A 6A 2-13XL08	13	.828	.808			
A 6A 2-14XL08	14	.891	.871			
A 6A 2-15XL08	15	.955	.935			
A 6A 2-16XL08	16	1.019	.999			
A 6A 2-17XL08	17	1.082	1.062			
A 6A 2-18XL08	18	1.146	1.126			
A 6A 2-19XL08	19	1.210	1.190			
A 6A 2-20XL08	20	1.273	1.253			
A 6A 2-21XL08	21	1.337	1.317			
A 6A 2-22XL08	22	1.401	1.381			
A 6A 2-23XL08	23	1.464	1.444			
A 6A 2-24XL08	24	1.528	1.508			
A 6A 2-25XL08	25	1.592	1.572			
A 6A 2-26XL08	26	1.655	1.635			
A 6A 2-27XL08	27	1.719	1.699			
A 6A 2-28XL08	28	1.783	1.763			
A 6A 2-29XL08	29	1.846	1.826			
A 6A 2-30XL08	30	1.910	1.890			
A 6A 2-31XL08	31	1.974	1.954			
A 6A 2-32XL08	32	2.037	2.017			
A 6A 2-33XL08	33	2.101	2.081			
A 6A 2-34XL08	34	2.165	2.145			
A 6A 2-35XL08	35	2.228	2.208			
A 6A 2-36XL08	36	2.292	2.272	3/4	1	
A 6A 2-37XL08	37	2.355	2.335			
A 6A 2-38XL08	38	2.419	2.399			
A 6A 2-40XL08	40	2.546	2.526			
A 6A 2-42XL08	42	2.674	2.654			
A 6A 2-43XL08	43	2.737	2.717			
A 6A 2-44XL08	44	2.801	2.781			
A 6A 2-45XL08	45	2.865	2.845			
A 6A 2-48XL08	48	3.056	3.036			
A 6A 2-50XL08	50	3.183	3.163			
A 6A 2-60XL08	60	3.820	3.800	1		
A 6A 2-62XL08	62	3.947	3.927			
A 6A 2-72XL08	72	4.584	4.564			
A 6A 2-80XL08	80	5.093	5.073	1		

*O.D. Tolerance: From 8 to 16 grooves is +.002, -.000.

From 32 to 62 grooves is +.004, -.000.

From 17 to 31 grooves is +.003, -.000.

From 72 to 80 grooves is +.005, -.000.

^ΔDimension in [] may be substituted at SDP option.

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XL Timing Pulley Stock - 1/5" or 5.08 mm Pitch

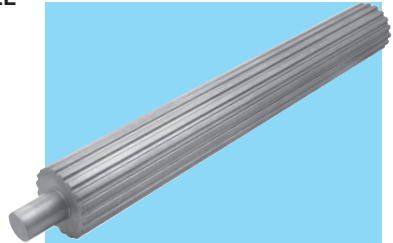
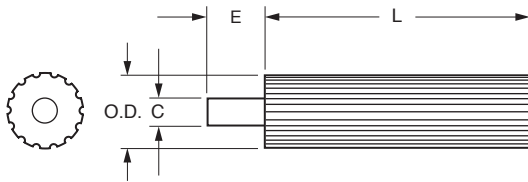
Stock Drive Products/Sterling Instrument



Phone: 516-328-3300



Fax: 516-326-8827

■ **CARBON STEEL****MATERIAL:** Carbon Steel

Catalog Number	No. of Grooves	Inch		Metric		C Shank Dia.	E Shank Length	L Minimum Usable Length
		P.D.	O.D.*	P.D.	O.D.*			
A 6C 2-10XL06	10	.637	.617	16.2	15.67	1/2 (12.7) [7/16 (11.1)] ^Δ	7/8 (22.2)	6 (152.4)
A 6C 2-11XL06	11	.700	.680	17.8	17.27			
A 6C 2-12XL08	12	.764	.744	19.4	18.9			
A 6C 2-13XL08	13	.828	.808	21	20.52			
A 6C 2-14XL08	14	.891	.871	22.6	22.12			
A 6C 2-15XL08	15	.955	.935	24.3	23.75			
A 6C 2-16XL08	16	1.019	.999	25.9	25.37			
A 6C 2-17XL08	17	1.082	1.062	27.5	26.98			
A 6C 2-18XL08	18	1.146	1.126	29.1	28.6			
A 6C 2-19XL08	19	1.210	1.190	30.7	30.23			
A 6C 2-20XL08	20	1.273	1.253	32.3	31.83	1/2 (12.7)	1 (25.4) [3/4 (19.1)] ^Δ	8 (203.2)
A 6C 2-21XL08	21	1.337	1.317	34	33.45			
A 6C 2-22XL08	22	1.401	1.381	35.6	35.08			
A 6C 2-23XL08	23	1.464	1.444	37.2	36.68			
A 6C 2-24XL08	24	1.528	1.508	38.8	38.3			
A 6C 2-25XL08	25	1.592	1.572	40.4	39.93			
A 6C 2-26XL08	26	1.655	1.635	42	41.53			
A 6C 2-27XL08	27	1.719	1.699	43.7	43.15			
A 6C 2-28XL08	28	1.783	1.763	45.3	44.78			
A 6C 2-29XL08	29	1.846	1.826	46.9	46.38			
A 6C 2-30XL08	30	1.910	1.890	48.5	49.01	1 (25.4) [3/4 (19.1)] ^Δ	1 (25.4)	
A 6C 2-32XL08	32	2.037	2.017	51.7	51.23			
A 6C 2-33XL08	33	2.101	2.081	53.4	52.86			
A 6C 2-34XL08	34	2.165	2.145	55	54.48			
A 6C 2-35XL08	35	2.228	2.208	56.6	56.08			
A 6C 2-36XL08	36	2.292	2.272	58.2	57.71			
A 6C 2-38XL08	38	2.419	2.399	61.4	60.93			
A 6C 2-40XL08	40	2.546	2.526	64.7	64.16			
A 6C 2-42XL08	42	2.674	2.654	67.9	67.41			
A 6C 2-44XL08	44	2.801	2.781	71.1	70.64			
A 6C 2-45XL08	45	2.865	2.845	72.8	72.26	1 (25.4) [3/4 (19.1)] ^Δ		
A 6C 2-46XL08	46	2.928	2.908	74.4	73.86			
A 6C 2-48XL08	48	3.056	3.036	77.6	77.11			
A 6C 2-50XL08	50	3.183	3.163	80.9	80.34			
A 6C 2-60XL08	60	3.820	3.800	97	96.52	1 (25.4)		
A 6C 2-72XL08	72	4.584	4.564	116.4	115.93			

NOTE: Dimensions in () are metric size.

*O.D. Tolerance: 10 to 16 grooves is +.002, -.000 (+ 0.05)

17 to 30 grooves is +.003, -.000 (+ 0.08)

32 to 72 grooves is +.004, -.000 (+ 0.10)

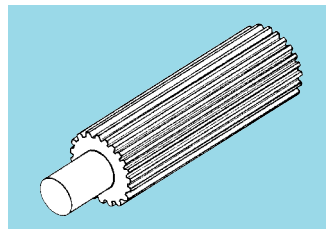
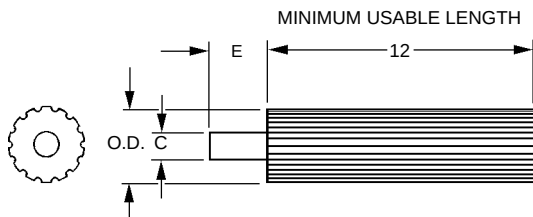
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^ΔDimensions in [] may be substituted at SDP option.



XL Timing Pulley Stock - 1/5 Pitch

■ ALUMINUM OR CARBON STEEL



MATERIAL: Aluminum Alloy or Carbon Steel

Catalog Number		No. of Grooves	P.D.	O.D.*	C Shank Dia.	E Shank Length
Aluminum	Steel					
A 6A 2-18XL12	A 6C 2-18XL12	18	1.146	1.126	1/2	1 [3/4] ^Δ
A 6A 2-19XL12	A 6C 2-19XL12	19	1.210	1.190		
A 6A 2-20XL12	A 6C 2-20XL12	20	1.273	1.253		
A 6A 2-21XL12	A 6C 2-21XL12	21	1.337	1.317		
A 6A 2-22XL12	A 6C 2-22XL12	22	1.401	1.381		
A 6A 2-23XL12	A 6C 2-23XL12	23	1.464	1.444		
A 6A 2-24XL12	A 6C 2-24XL12	24	1.528	1.508		
A 6A 2-25XL12	A 6C 2-25XL12	25	1.592	1.572		
A 6A 2-26XL12	A 6C 2-26XL12	26	1.655	1.635		
A 6A 2-27XL12	A 6C 2-27XL12	27	1.719	1.699		
A 6A 2-28XL12	A 6C 2-28XL12	28	1.783	1.763		
A 6A 2-29XL12	A 6C 2-29XL12	29	1.846	1.826		
A 6A 2-30XL12	A 6C 2-30XL12	30	1.910	1.890		
A 6A 2-31XL12	A 6C 2-31XL12	31	1.974	1.954		
A 6A 2-32XL12	A 6C 2-32XL12	32	2.037	2.017		
A 6A 2-33XL12	A 6C 2-33XL12	33	2.101	2.081	1 [3/4] ^Δ	1
A 6A 2-34XL12	A 6C 2-34XL12	34	2.165	2.145		
A 6A 2-35XL12	A 6C 2-35XL12	35	2.228	2.208		
A 6A 2-36XL12	A 6C 2-36XL12	36	2.292	2.272		
A 6A 2-37XL12	A 6C 2-37XL12	37	2.355	2.335		
A 6A 2-38XL12	A 6C 2-38XL12	38	2.419	2.399		
A 6A 2-39XL12	A 6C 2-39XL12	39	2.483	2.463		
A 6A 2-40XL12	A 6C 2-40XL12	40	2.546	2.526		
A 6A 2-41XL12	A 6C 2-41XL12	41	2.610	2.590		
A 6A 2-42XL12	A 6C 2-42XL12	42	2.674	2.654		
A 6A 2-44XL12	A 6C 2-44XL12	44	2.801	2.781		
A 6A 2-45XL12	A 6C 2-45XL12	45	2.865	2.845		
A 6A 2-46XL12	A 6C 2-46XL12	46	2.928	2.908		
A 6A 2-48XL12	A 6C 2-48XL12	48	3.056	3.036		
A 6A 2-50XL12	A 6C 2-50XL12	50	3.183	3.163		
A 6A 2-54XL12	A 6C 2-54XL12	54	3.438	3.418		
A 6A 2-60XL12	A 6C 2-60XL12	60	3.820	3.800	1	
A 6A 2-64XL12	A 6C 2-64XL12	64	4.074	4.054		
A 6A 2-72XL12	A 6C 2-72XL12	72	4.584	4.564		

*O.D. Tolerance: From 18 to 31 grooves is +.003, -.000.
 From 32 to 60 grooves is +.004, -.000.
 From 64 to 72 grooves is +.005, -.000.

^Δ Dimensions in [] may be substituted at SDP option.



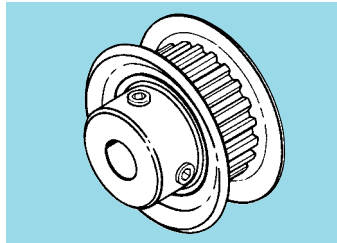
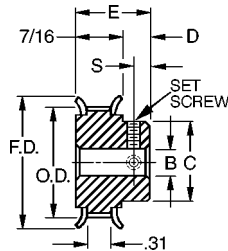
INCH

XL Timing Belt Pulleys - 1/5 Pitch

■ ALUMINUM

■ DOUBLE FLANGE

■ FOR 1/4" BELTS



MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

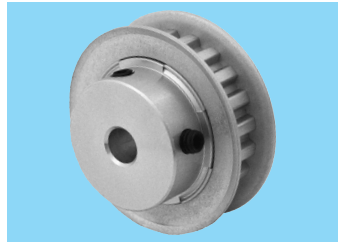
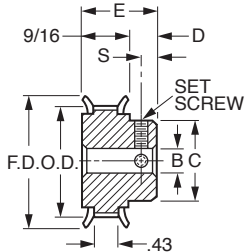
Catalog Number	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 -.000	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A 3-10DF02506	10	.637	.617	7/8	.1875	11/16	3/8	1/4	1/8	#6-40
A 6A 3-11DF02506	11	.700	.680	15/16	.1875 .250	11/16	7/16	1/4	1/8	#6-40 #8-32
A 6A 3-12DF02506	12	.764	.744	1	.1875 .250	11/16	1/2	1/4	1/8	#6-40 #8-32
A 6A 3-13DF02508	13	.828	.808	1-1/16	.250	11/16	9/16	1/4	1/8	#8-32
A 6A 3-14DF02508	14	.891	.871	1-3/32	.250 .3125	11/16	9/16	1/4	1/8	#8-32
A 6A 3-15DF02508	15	.955	.935	1-3/16	.250 .3125	11/16	5/8	1/4	1/8	#8-32
A 6A 3-16DF02508	16	1.019	.999	1-1/4	.250 .3125	11/16	11/16	1/4	1/8	#8-32
A 6A 3-18DF02508	18	1.146	1.126	1-3/8	.250 .3125	11/16	13/16	1/4	1/8	#8-32
A 6A 3-20DF02508	20	1.273	1.253	1-1/2	.250 .3125	3/4	15/16	5/16	5/32	#8-32
A 6A 3-21DF02508	21	1.337	1.317	1-9/16	.250 .3125	3/4	1	5/16	5/32	#8-32
A 6A 3-22DF02508	22	1.401	1.381	1-5/8	.250 .375	3/4	1	5/16	5/32	#8-32 #10-32
A 6A 3-24DF02508	24	1.528	1.508	1-3/4	.250 .3125 .375	25/32	1-1/16	11/32	11/64	#8-32 #8-32 #10-32
A 6A 3-26DF02508	26	1.655	1.635	1-7/8	.250 .375	25/32	1-3/16	11/32	11/64	#8-32 #10-32
A 6A 3-28DF02508	28	1.783	1.763	2	.250 .375	25/32	1-3/16	11/32	11/64	#8-32 #10-32
A 6A 3-30DF02508	30	1.910	1.890	2-1/8	.250 .375	25/32	1-5/16	11/32	11/64	#8-32 #10-32

NOTE: Pulleys with 10 & 11 grooves have 1 set screw; others have 2 at 90°.

*O.D. Tolerance: From 10 to 16 grooves is +.002, -.000
18 to 30 grooves is +.003, -.000

■ ALUMINUM

■ DOUBLE FLANGE



FOR 3/8" BELTS

MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

Catalog Number	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 -.000	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A 3-10DF03706	10	.637	.617	7/8	.1875	13/16	7/16	1/4	1/8	#6-40
A 6A 3-10DF03708					.250					#8-32
A 6A 3-11DF03706	11	.700	.680	15/16	.1875	13/16	1/2	1/4	1/8	#6-40
A 6A 3-11DF03708					.250					#8-32
A 6A 3-12DF03706	12	.764	.744	1	.1875	13/16	1/2	1/4	1/8	#6-40
A 6A 3-12DF03708					.250					#8-32
A 6A 3-12DF03710					.3125					#8-32
A 6A 3-13DF03708	13	.828	.808	1-1/16	.250	13/16	9/16	1/4	1/8	#8-32
A 6A 3-14DF03708	14	.891	.871	1-3/32	.250	13/16	9/16	1/4	1/8	#8-32
A 6A 3-14DF03710					.3125					
A 6A 3-15DF03708	15	.955	.935	1-3/16	.250	13/16	5/8	1/4	1/8	#8-32
A 6A 3-15DF03710					.3125					
A 6A 3-15DF03712					.375	13/16	3/4	1/4	1/8	#8-32
A 6A 3-15DF03716					.500					
A 6A 3-16DF03708	16	1.019	.999	1-1/4	.250	13/16	11/16	1/4	1/8	#8-32
A 6A 3-16DF03710					.3125					
A 6A 3-16DF03712					.375					
A 6A 3-17DF03708	17	1.082	1.062	1-5/16	.250	13/16	3/4	1/4	1/8	#8-32
A 6A 3-18DF03708	18	1.146	1.126	1-3/8	.250	13/16	13/16	1/4	1/8	#8-32
A 6A 3-18DF03710					.3125					
A 6A 3-18DF03712					.375					
A 6A 3-19DF03708	19	1.210	1.190	1-7/16	.250	13/16	7/8	1/4	1/8	#8-32
A 6A 3-20DF03708	20	1.273	1.253	1-1/2	.250	7/8	15/16	5/16	5/32	#8-32
A 6A 3-20DF03710					.3125					
A 6A 3-20DF03712					.375	7/8	15/16	5/16	5/32	#10-32
A 6A 3-20DF03716					.500					

NOTE: Pulleys with 10 & 11 grooves have 1 set screw; others have 2 at 90°.

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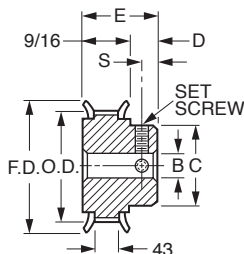
*O.D. Tolerance: 10 to 16 grooves is +.002, -.000

17 to 20 grooves is +.003, -.000

XL Timing Belt Pulleys - 1/5 Pitch

ALUMINUM

DOUBLE FLANGE



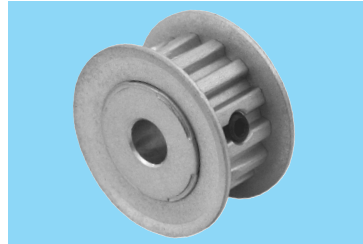
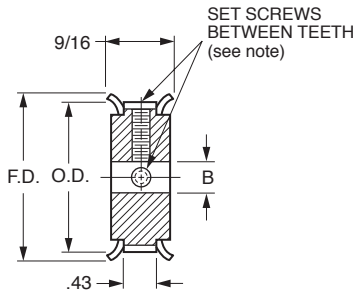
MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

FOR 3/8" BELTS

Catalog Number	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 -.000	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A 3-21DF03708	21	1.337	1.317	1-9/16	.250	7/8	1	5/16	5/32	#8-32
A 6A 3-21DF03710					.3125					#8-32
A 6A 3-21DF03712					.375					#10-32
A 6A 3-22DF03708	22	1.401	1.381	1-5/8	.250	7/8	1	5/16	5/32	#8-32
A 6A 3-22DF03710					.3125					#8-32
A 6A 3-22DF03712					.375					#10-32
A 6A 3-23DF03708	23	1.464	1.444	1-11/16	.250	7/8	1-1/16	5/16	5/32	#8-32
A 6A 3-24DF03708					.250					#8-32
A 6A 3-24DF03710					.3125					#8-32
A 6A 3-24DF03712	24	1.528	1.508	1-3/4	.375	29/32	1-1/16	11/32	11/64	#10-32
A 6A 3-24DF03716					.500					#10-32
A 6A 3-25DF03708					.250					#8-32
A 6A 3-25DF03712	25	1.592	1.572	1-13/16	.375	29/32	1-3/32	11/32	11/64	#10-32
A 6A 3-26DF03708					.250					#8-32
A 6A 3-26DF03712					.375					#10-32
A 6A 3-28DF03708	28	1.783	1.763	2	.250	29/32	1-3/16	11/32	11/64	#8-32
A 6A 3-28DF03710					.3125					#8-32
A 6A 3-28DF03712					.375					#10-32
A 6A 3-30DF03708	30	1.910	1.890	2-1/8	.250	29/32	1-5/16	11/32	11/64	#8-32
A 6A 3-30DF03710					.3125					#8-32
A 6A 3-30DF03712					.375					#10-32
A 6A 3-30DF03716					.500					#10-32
A 6A 3-32DF03712	32	2.037	2.017	2-1/4	.375	29/32	1-7/16	11/32	11/64	#10-32

NOTE: All pulleys have 2 set screws at 90°.

*O.D. Tolerance: 21 to 30 grooves is +.003, -.000
32 grooves is +.004, -.000

■ ALUMINUM
■ HUBLESS
■ DOUBLE FLANGE


MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

FOR BELTS UP TO 3/8" WIDE

Catalog Number	No. of Grooves	P.D.	O.D.*	F.D.	B Bore +.001 -.000	Set Screw
A 6A 3-10H3706	10	.637	.617	7/8	.1875 .250	#6-32
A 6A 3-10H3708						
A 6A 3-11H3706	11	.701	.680	15/16	.1875 .250	#6-32
A 6A 3-11H3708						
A 6A 3-12H3706	12	.764	.744	1	.1875 .250	#6-32
A 6A 3-12H3708						
A 6A 3-14H3708	14	.891	.871	1-3/32	.250	#8-32
A 6A 3-14H3710					.3125	
A 6A 3-14H3712					.375	
A 6A 3-15H3708	15	.955	.935	1-3/16	.250	#8-32
A 6A 3-15H3710					.3125	
A 6A 3-16H3708	16	1.019	.999	1-1/4	.250	#8-32
A 6A 3-16H3710					.3125	
A 6A 3-18H3708	18	1.146	1.126	1-3/8	.250	#8-32
A 6A 3-18H3710					.3125	
A 6A 3-20H3708	20	1.273	1.253	1-1/2	.250	#8-32
A 6A 3-20H3710					.3125	
A 6A 3-20H3712					.375	
A 6A 3-21H3708	21	1.337	1.317	1-9/16	.250	#8-32
A 6A 3-21H3710					.3125	
A 6A 3-22H3708	22	1.401	1.381	1-5/8	.250	#8-32
A 6A 3-22H3710					.3125	
A 6A 3-24H3708	24	1.528	1.508	1-3/4	.250	#8-32
A 6A 3-24H3710					.3125	
A 6A 3-24H3712					.375	
A 6A 3-28H3708	28	1.783	1.763	2	.250	#8-32
A 6A 3-28H3712					.375	
A 6A 3-30H3708	30	1.910	1.890	2-1/8	.250	#8-32
A 6A 3-30H3712					.375	
A 6A 3-32H3710	32	2.037	2.017	2-1/4	.3125	#8-32
A 6A 3-32H3712					.375	

NOTE: Pulleys with 10, 11 & 12 grooves have 1 set screw; others have 2 at approximately 90°.

*O.D. Tolerance: 10 to 16 grooves is +.002, -.000

18 to 30 grooves is +.003, -.000

2-64 REV 3-17-06 SS 32 grooves is +.004, -.000

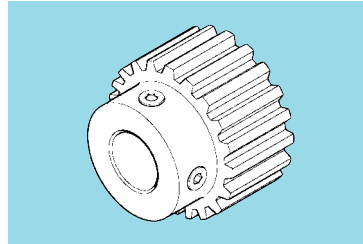
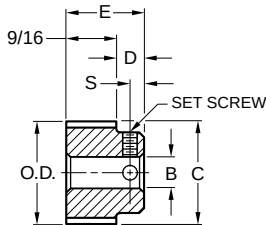


XL Timing Belt Pulleys - 1/5 Pitch

■ ALUMINUM

■ NO FLANGE

■ FOR 3/8" BELTS



MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

Catalog Number	No. of Grooves	P.D.	O.D.*	B Bore +.001 -.000	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A 3-10NF03706	10	.637	.617	.1875	13/16	7/16	1/4	1/8	#6-40
A 6A 3-10NF03708				.250					#8-32
A 6A 3-11NF03706	11	.700	.680	.1875	13/16	1/2	1/4	1/8	#6-40
A 6A 3-11NF03708				.250					#8-32
A 6A 3-12NF03706	12	.764	.744	.1875	13/16	9/16	1/4	1/8	#6-40
A 6A 3-12NF03708				.250					#8-32
A 6A 3-14NF03708	14	.891	.871	.250	13/16	5/8	1/4	1/8	#8-32
A 6A 3-14NF03710				.3125					#8-32
A 6A 3-15NF03708	15	.955	.935	.250	7/8	11/16	5/16	5/32	#8-32
A 6A 3-15NF03710				.3125					
A 6A 3-15NF03712				.375					
A 6A 3-16NF03708	16	1.019	.999	.250	7/8	3/4	5/16	5/32	#8-32
A 6A 3-16NF03710				.3125					
A 6A 3-17NF03708	17	1.082	1.062	.250	7/8	13/16	5/16	5/32	#8-32
A 6A 3-18NF03708	18	1.146	1.126	.250	7/8	7/8	5/16	5/32	#8-32
A 6A 3-18NF03710				.3125					
A 6A 3-18NF03712				.375					
A 6A 3-19NF03708	19	1.210	1.190	.250	7/8	7/8	5/16	5/32	#8-32
A 6A 3-20NF03708	20	1.273	1.253	.250	15/16	15/16	3/8	3/16	#8-32
A 6A 3-20NF03710				.3125					
A 6A 3-20NF03712				.375					
A 6A 3-21NF03708	21	1.337	1.317	.250	15/16	1	3/8	3/16	#8-32
A 6A 3-21NF03710				.3125					
A 6A 3-22NF03708	22	1.401	1.381	.250	15/16	1-1/16	3/8	3/16	#8-32
A 6A 3-22NF03710				.3125					
A 6A 3-22NF03712				.375					
A 6A 3-23NF03708	23	1.464	1.444	.250	15/16	1-1/8	3/8	3/16	#8-32
A 6A 3-24NF03708	24	1.528	1.508	.250	15/16	1-3/16	3/8	3/16	#8-32
A 6A 3-24NF03710				.3125					
A 6A 3-24NF03712				.375					
A 6A 3-25NF03708				.250					
A 6A 3-25NF03712	25	1.592	1.572	.375	15/16	1-1/4	3/8	3/16	#10-32

NOTE: Pulleys with 10 & 11 grooves have 1 set screw; others have 2 at 90°. Continued on the next page

*O.D. Tolerance: From 10 to 16 grooves is +.002, -.000
From 17 to 25 grooves is +.003, -.000



XL Timing Belt Pulleys - 1/5 Pitch

■ ALUMINUM

■ NO FLANGE

■ FOR 3/8" BELTS

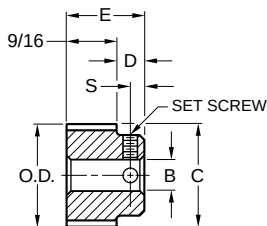


Fig. 1

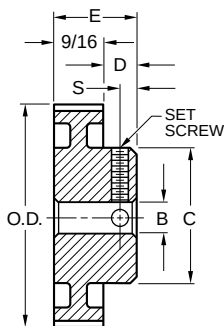
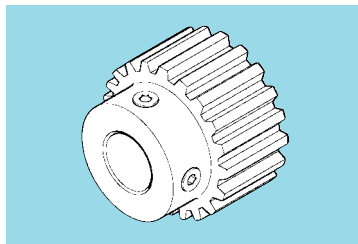


Fig. 2



MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	B Bore +.001 -.000	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A 3-27NF03710	1	27	1.719	1.699	.3125	15/16	1-1/4	3/8	3/16	#8-32
A 6A 3-28NF03708		28	1.783	1.763	.250	15/16	1-1/4	3/8	3/16	#8-32
A 6A 3-28NF03710					.3125					#8-32
A 6A 3-28NF03712		29	1.846	1.826	.375	15/16	1-5/16	3/8	3/16	#10-32
A 6A 3-29NF03710					.3125					#8-32
A 6A 3-30NF03708		30	1.910	1.890	.250	15/16	1-3/8	3/8	3/16	#8-32
A 6A 3-30NF03710					.3125					#8-32
A 6A 3-30NF03712		32	2.037	2.017	.375	1	1-1/2	7/16	7/32	#10-32
A 6A 3-32NF03710					.500					1/4-20
A 6A 3-32NF03716		36	2.292	2.272	.3125	1	1-1/2	7/16	7/32	#8-32
A 6A 3-36NF03710					.375					#10-32
A 6A 3-36NF03712		40	2.546	2.526	.500	1	1-1/2	7/16	7/32	1/4-20
A 6A 3-40NF03710					.3125					#8-32
A 6A 3-40NF03712		42	2.674	2.654	.375	1	1-1/2	7/16	7/32	#10-32
A 6A 3-40NF03716					.500					1/4-20
A 6A 3-42NF03710		44	2.801	2.781	.3125	1	1-1/2	7/16	7/32	#8-32
A 6A 3-42NF03712	.375				#10-32					
A 6A 3-42NF03716	45	2.865	2.845	.500	1	1-1/2	7/16	7/32	1/4-20	
A 6A 3-44NF03710				.3125					#8-32	
A 6A 3-44NF03712	48	3.056	3.036	.375	1	1-1/2	7/16	7/32	#10-32	
A 6A 3-44NF03716				.500					1/4-20	
A 6A 3-45NF03710	50	3.183	3.163	.3125	1	1-1/2	7/16	7/32	#8-32	
A 6A 3-45NF03712				.375					#10-32	
A 6A 3-45NF03716	60	3.820	3.800	.500	1	1-1/2	7/16	7/32	1/4-20	
A 6A 3-50NF03710				.3125					#8-32	
A 6A 3-50NF03712	72	4.584	4.564	.375	1	1-1/2	7/16	7/32	#10-32	
A 6A 3-50NF03716				.500					1/4-20	
A 6A 3-60NF03712	2	72	4.584	4.564	.3125	1	1-1/2	7/16	7/32	#8-32
A 6A 3-60NF03716					.375					#10-32
A 6A 3-72NF03712					.500					1/4-20
A 6A 3-72NF03716					.3125					#8-32

NOTE: All pulleys have 2 set screws at 90°.

*O.D. Tolerance: From 27 to 30 grooves is +.003, -.000
 From 32 to 60 grooves is +.004, -.000
 72 grooves is +.005, -.000



INCH

XL Timing Belt Pulleys - 1/5 Pitch

- ALUMINUM
- MINIMUM BORE

- FOR 3/8" BELTS
- DOUBLE FLANGE OR NO FLANGE

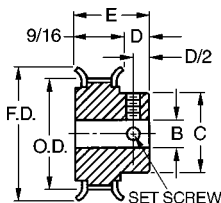


Fig. 1

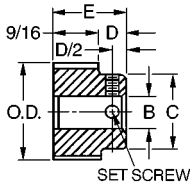
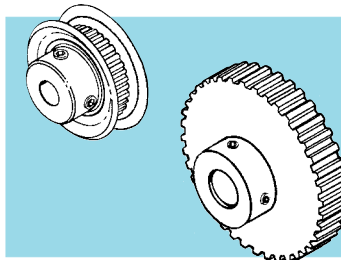


Fig. 2
(See Note)



MATERIAL: Aluminum Alloy

Catalog Number	Fig. No	No. of Grooves	P.D.	O.D.	F.D.	B Bore	E Length	C Hub Dia.	D Hub Proj.	Set* Screw
A 6A 3-10DFB37	1	10	.637	.617	15/16	3/16	13/16	7/16	1/4	#6-40
A 6A 3-11DFB37		11	.700	.680	15/16			7/16		
A 6A 3-12DFB37		12	.764	.744	1		1/2			
A 6A 3-14DFB37		14	.891	.871	1-1/8		9/16			
A 6A 3-15DFB37		15	.955	.935	1-3/16	13/16	5/8	1/4	#6-40	
A 6A 3-16DFB37		16	1.019	.999	1-1/4		11/16			
A 6A 3-18DFB37		18	1.146	1.126	1-3/8	13/16	1/4	#8-32		
A 6A 3-20DFB37		20	1.273	1.253	1-1/2	1/4	29/32	15/16	11/32	#8-32
A 6A 3-21DFB37		21	1.337	1.317	1-9/16					
A 6A 3-22DFB37		22	1.401	1.381	1-5/8	29/32	1	11/32	#10-32	
A 6A 3-24DFB37		24	1.528	1.508	1-3/4		1-1/16			
A 6A 3-28DFB37		28	1.783	1.763	2	5/16	29/32	1-3/16	11/32	#10-32
A 6A 3-30DFB37	30	1.910	1.890	2-1/8	1-5/16					
A 6A 3-32NFB37	2	32	2.037	2.017	—	5/16	1	1-1/2	7/16	#10-32
A 6A 3-36NFB37		36	2.292	2.272						
A 6A 3-40NFB37		40	2.546	2.526						
A 6A 3-42NFB37		42	2.674	2.654	—		1	1-1/2	7/16	#10-32
A 6A 3-44NFB37		44	2.801	2.781						
A 6A 3-48NFB37		48	3.056	3.036						
A 6A 3-60NFB37		60	3.820	3.800	—	3/8	1	1-1/2	7/16	#10-32
A 6A 3-72NFB37		72	4.584	4.564						

NOTE: Pulleys with 60 and 72 grooves are machined from castings and have webs.

*All pulleys have 2 set screws at 90°.



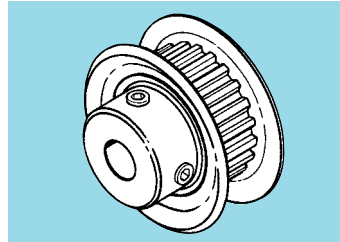
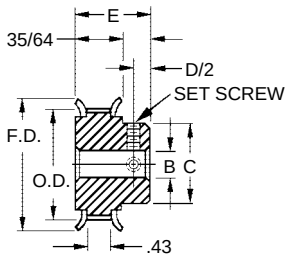
INCH

XL Timing Belt Pulleys - 1/5 Pitch

■ STEEL

■ DOUBLE FLANGE

■ FOR 3/8" BELTS



MATERIAL: Steel
FINISH: Black Oxide

Catalog Number	No. of Grooves	P.D.	O.D.*	F.D.	B Bore +.001 -.000	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	Set Screw
A 6C 3-10DF03706	10	.637	.617	7/8	.1875	13/16	7/16	17/64	#6-40
A 6C 3-10DF03708					.250				#8-32
A 6C 3-11DF03706	11	.700	.680	15/16	.1875	13/16	1/2	17/64	#6-40
A 6C 3-11DF03708					.250				#8-32
A 6C 3-12DF03706	12	.764	.744	1	.1875	13/16	1/2	17/64	#6-40
A 6C 3-12DF03708					.250				#8-32
A 6C 3-14DF03708	14	.891	.871	1-3/32	.250	13/16	9/16	17/64	#8-32
A 6C 3-14DF03710					.3125				
A 6C 3-15DF03708	15	.955	.935	1-3/16	.250	13/16	5/8	17/64	#8-32
A 6C 3-15DF03710					.3125		5/8		
A 6C 3-15DF03712					.375		3/4		
A 6C 3-15DF03716					.500		3/4		
A 6C 3-16DF03708	16	1.019	.999	1-1/4	.250	13/16	11/16	17/64	#8-32
A 6C 3-16DF03710					.3125				
A 6C 3-18DF03708	18	1.146	1.126	1-3/8	.250	13/16	13/16	17/64	#8-32
A 6C 3-18DF03710					.3125				
A 6C 3-18DF03712					.375				
A 6C 3-20DF03708	20	1.273	1.253	1-1/2	.250	7/8	15/16	21/64	#8-32
A 6C 3-20DF03710					.3125				#8-32
A 6C 3-20DF03712					.375				#10-32
A 6C 3-20DF03716					.500				#10-32

NOTE: Pulleys with 10 & 11 grooves have 1 set screw; others have 2 at 90°.

*O.D. Tolerance: From 10 to 16 grooves is +.002, -.000.

From 18 to 20 grooves is +.003, -.000.

Continued on the next page



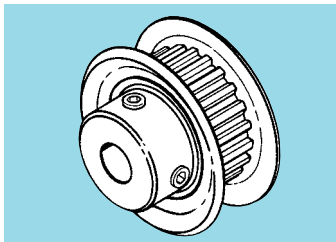
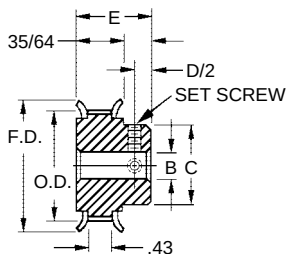
INCH

XL Timing Belt Pulleys - 1/5 Pitch

■ STEEL

■ DOUBLE FLANGE

■ FOR 3/8" BELTS



MATERIAL: Steel
FINISH: Black Oxide

Catalog Number	No. of Grooves	P.D.	O.D.*	F.D.	B Bore +.001 -.000	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	Set Screw
A 6C 3-21DF03708	21	1.337	1.317	1-9/16	.250	7/8	1	21/64	#8-32
A 6C 3-21DF03710					.3125				#8-32
A 6C 3-22DF03708	22	1.401	1.381	1-5/8	.250	7/8	1	21/64	#8-32
A 6C 3-22DF03710					.3125				#8-32
A 6C 3-22DF03712	24	1.528	1.508	1-3/4	.375	29/32	1-1/16	23/64	#10-32
A 6C 3-24DF03708					.250				#8-32
A 6C 3-24DF03710					.3125				#8-32
A 6C 3-24DF03712					.375				#10-32
A 6C 3-24DF03716	25	1.592	1.572	1-13/16	.500	29/32	1-3/32	23/64	#10-32
A 6C 3-25DF03708					.250				#8-32
A 6C 3-25DF03712					.375				#10-32
A 6C 3-28DF03708	28	1.783	1.763	2	.250	29/32	1-3/16	23/64	#8-32
A 6C 3-28DF03710					.3125				#8-32
A 6C 3-28DF03712					.375				#10-32
A 6C 3-30DF03708	30	1.910	1.890	2-1/8	.250	29/32	1-5/16	23/64	#8-32
A 6C 3-30DF03710					.3125				#8-32
A 6C 3-30DF03712					.375				#10-32
A 6C 3-30DF03716					.500				#10-32
A 6C 3-32DF03712	32	2.037	2.017	2-1/4	.375	29/32	1-7/16	23/64	#10-32

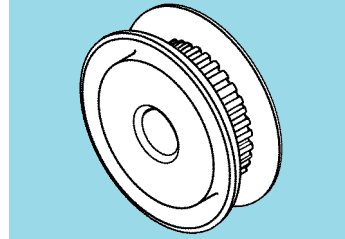
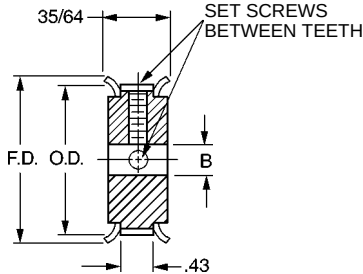
NOTE: All pulleys have 2 set screws at 90°.

*O.D. Tolerance: From 21 to 30 grooves is +.003, -.000
 32 grooves is +.004, -.000



XL Timing Belt Pulleys - 1/5 Pitch

■ STEEL ■ HUBLESS ■ DOUBLE FLANGE ■ FOR BELTS UP TO 3/8" WIDE



MATERIAL: Steel
FINISH: Black Oxide

Catalog Number	No. of Grooves	P.D.	O.D.*	F.D.	B Bore +.001 -.000	Set Screw
A 6C 3-10H3706 A 6C 3-10H3708	10	.637	.617	7/8	.1875 .250	#6-32
A 6C 3-11H3706 A 6C 3-11H3708	11	.700	.680	15/16	.1875 .250	
A 6C 3-12H3706 A 6C 3-12H3708	12	.764	.744	1	.1875 .250	#6-32 #8-32
A 6C 3-14H3708	14	.891	.871	1-3/32	.250	#8-32
A 6C 3-15H3708 A 6C 3-15H3710	15	.955	.935	1-3/16	.250 .3125	
A 6C 3-16H3708 A 6C 3-16H3710	16	1.019	.999	1-1/4	.250 .3125	
A 6C 3-18H3708 A 6C 3-18H3710	18	1.146	1.126	1-3/8	.250 .3125	
A 6C 3-20H3708 A 6C 3-20H3710 A 6C 3-20H3712	20	1.273	1.253	1-1/2	.250 .3125 .375	
A 6C 3-21H3708 A 6C 3-21H3710	21	1.337	1.317	1-9/16	.250 .3125	
A 6C 3-22H3708 A 6C 3-22H3710	22	1.401	1.381	1-5/8	.250 .3125	
A 6C 3-24H3708 A 6C 3-24H3710 A 6C 3-24H3712	24	1.528	1.508	1-3/4	.250 .3125 .375	
A 6C 3-28H3708 A 6C 3-28H3712	28	1.783	1.763	2	.250 .375	
A 6C 3-30H3708 A 6C 3-30H3712	30	1.910	1.890	2-1/8	.250 .375	
A 6C 3-32H3710 A 6C 3-32H3712	32	2.037	2.017	2-1/4	.3125 .375	

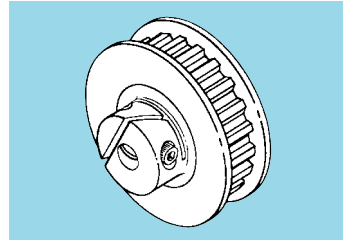
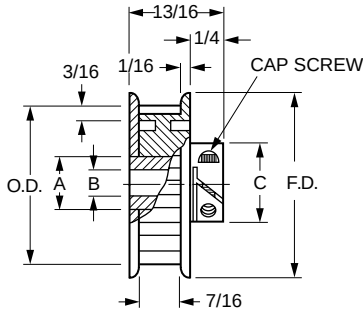
NOTE: Pulleys with 10 to 12 grooves have 1 set screw; others have 2 at approximately 90°.

*O.D. Tolerance: From 10 to 16 grooves is +.002, -.000
From 17 to 30 grooves is +.003, -.000
32 grooves is +.004, -.000



XL Timing Belt Pulleys - 1/5" Pitch

■ MOLDED WITH FAIRLOC® HUB ■ BLACK SERIES ■ DOUBLE FLANGE



FOR 3/8" BELTS

MATERIAL: Pulley - Polycarbonate – Black; Fiberglass Reinforced
Hub - Aluminum Alloy, Overmolded



2 BELTS AND
CHAIN DRIVES

2

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Cap Screw
A 6H 3-10DF03706	10	.637	.617	.87	.1875	3/8	1/2	#2-56
A 6H 3-11DF03706	11	.700	.680	.93				
A 6H 3-12DF03706	12	.764	.744	.99				
A 6H 3-13DF03706	13	.828	.808	1.06				
A 6H 3-14DF03708	14	.891	.871	1.12	.250	1/2	3/4	#4-40
A 6H 3-15DF03708	15	.955	.935	1.19				
A 6H 3-16DF03708	16	1.019	.999	1.24		1/2	7/8	#4-40
A 6H 3-17DF03708	17	1.082	1.062	1.31				
A 6H 3-18DF03708	18	1.146	1.126	1.38				
A 6H 3-19DF03708	19	1.210	1.190	1.44				
A 6H 3-20DF03708	20	1.273	1.253	1.51		1/2	7/8	#4-40
A 6H 3-21DF03708	21	1.337	1.317	1.57				
A 6H 3-22DF03708	22	1.401	1.381	1.63				
A 6H 3-23DF03708	23	1.464	1.444	1.69				
A 6H 3-24DF03708	24	1.528	1.508	1.76		1/2	7/8	#4-40
A 6H 3-25DF03708	25	1.592	1.572	1.82				
A 6H 3-26DF03708	26	1.655	1.635	1.89				
A 6H 3-27DF03708	27	1.719	1.699	1.95				
A 6H 3-28DF03708	28	1.783	1.763	2.02	.3125	5/8	7/8	#4-40
A 6H 3-29DF03708	29	1.846	1.826	2.08				
A 6H 3-30DF03710	30	1.910	1.890	2.14				
A 6H 3-31DF03710	31	1.974	1.954	2.20				
A 6H 3-32DF03710	32	2.037	2.017	2.27		5/8	7/8	#4-40
A 6H 3-34DF03710	34	2.165	2.145	2.40				
A 6H 3-35DF03710	35	2.228	2.208	2.46				
A 6H 3-36DF03710	36	2.292	2.272	2.53		5/8	7/8	#4-40
A 6H 3-37DF03710	37	2.355	2.335	2.59				
A 6H 3-39DF03710	39	2.483	2.463	2.71				
A 6H 3-40DF03710	40	2.546	2.526	2.78		5/8	7/8	#4-40
A 6H 3-42DF03710	42	2.674	2.654	2.92				
A 6H 3-44DF03710	44	2.801	2.781	3.04				
A 6H 3-48DF03710	48	3.056	3.036	3.29				

NOTE: Pulleys with 10 to 21 grooves do not have webs.



XL Timing Belt Pulleys - 1/5" Pitch

■ MOLDED WITH FAIRLOC® HUB ■ BLACK SERIES ■ SINGLE FLANGE OR NO FLANGE

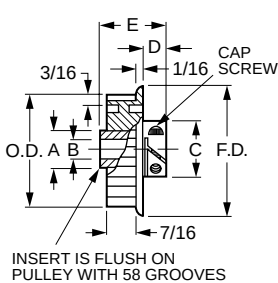


Fig. 1

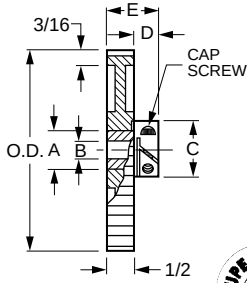
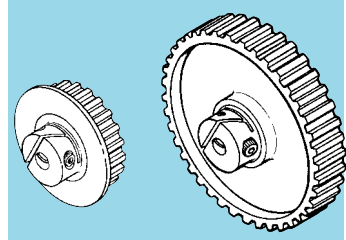


Fig. 2



FOR 3/8" BELTS

MATERIAL: Pulley - Polycarbonate – Black, Fiberglass Reinforced
Hub - Aluminum Alloy, Overmolded

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	E Length	A Dia.	C Hub Dia.	D Hub Proj.	Cap Screw	
● Fig. 1 SINGLE FLANGE											
A 6H 3-10SF03706	10	.637	.617	.87	.1875	13/16	3/8	1/2	1/4	#2-56	
A 6H 3-11SF03706	11	.700	.680	.93							
A 6H 3-12SF03706	12	.764	.744	.99							
A 6H 3-13SF03706	13	.828	.808	1.06							
A 6H 3-14SF03708	14	.891	.871	1.12	.250	13/16	1/2	3/4 3/4 7/8 7/8	1/4	#4-40	
A 6H 3-15SF03708	15	.955	.935	1.19							
A 6H 3-16SF03708	16	1.019	.999	1.24							
A 6H 3-17SF03708	17	1.082	1.062	1.31							
A 6H 3-18SF03708	18	1.146	1.126	1.38		13/16	1/2	7/8	1/4	#4-40	
A 6H 3-19SF03708	19	1.210	1.190	1.44							
A 6H 3-20SF03708	20	1.273	1.253	1.51							
A 6H 3-21SF03708	21	1.337	1.317	1.57							
A 6H 3-22SF03708	22	1.401	1.381	1.63	.3125	13/16	1/2 5/8 5/8 5/8	7/8	1/4	#4-40	
A 6H 3-23SF03708	23	1.464	1.444	1.69							
A 6H 3-24SF03708	24	1.528	1.508	1.76							
A 6H 3-25SF03708	25	1.592	1.572	1.82							
A 6H 3-26SF03708	26	1.655	1.635	1.89		13/16	1/2	7/8	1/4	#4-40	
A 6H 3-27SF03708	27	1.719	1.699	1.95							
A 6H 3-28SF03708	28	1.783	1.763	2.02							
A 6H 3-29SF03708	29	1.846	1.826	2.08							
A 6H 3-30SF03710	30	1.910	1.890	2.14	.3125	13/16	5/8 5/8 5/8	7/8	1/4	#4-40	
A 6H 3-31SF03710	31	1.974	1.954	2.20							
A 6H 3-32SF03710	32	2.037	2.017	2.27							
A 6H 3-34SF03710	34	2.165	2.145	2.40							
A 6H 3-35SF03710	35	2.228	2.208	2.46		.375	13/16	5/8	7/8	1/4	#4-40
A 6H 3-36SF03710	36	2.292	2.272	2.53							
A 6H 3-37SF03710	37	2.355	2.335	2.59							
A 6H 3-39SF03710	39	2.483	2.463	2.71							
A 6H 3-40SF03710	40	2.546	2.526	2.78	13/16		5/8	7/8	1/4	#4-40	
A 6H 3-42SF03710	42	2.674	2.654	2.92							
A 6H 3-44SF03710	44	2.801	2.781	3.04							
A 6H 3-48SF03710	48	3.056	3.036	3.29							
A 6H 3-58SF03712	58	3.692	3.672	3.92	.375	13/16	5/8	1-1/32	5/16	#6-32	
● Fig. 2 NO FLANGE											
A 6H 3-60NF03712	60	3.820	3.800	—	.375	7/8	5/8	1-1/32	3/8	#8-32	
A 6H 3-72NF03712	72	4.584	4.564	—							

NOTE: Pulleys with 10 to 21 grooves do not have webs.



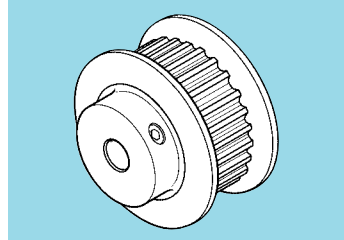
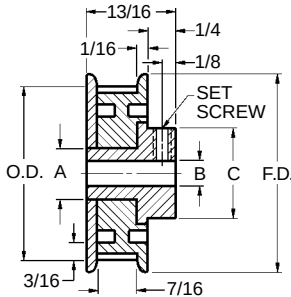
INCH

XL Timing Belt Pulleys - 1/5 Pitch

■ MOLDED WITH METAL HUB

■ DOUBLE FLANGE

■ FOR 3/8" BELTS



MATERIAL: Pulley - Polycarbonate – Black; Fiberglass Reinforced
Hub - Aluminum Alloy, Overmolded

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
A 6J 3-10DF03706	10	.637	.617	.87	.1875	3/8	1/2	#6-32
A 6J 3-11DF03706	11	.700	.680	.93				
A 6J 3-12DF03706	12	.764	.744	.99				
A 6J 3-13DF03706	13	.828	.808	1.06				
A 6J 3-14DF03708	14	.891	.871	1.12				
A 6J 3-15DF03708	15	.955	.935	1.19	.250	1/2	3/4	#8-32
A 6J 3-16DF03708	16	1.019	.999	1.24				
A 6J 3-17DF03708	17	1.082	1.062	1.31		1/2	3/4	#8-32
A 6J 3-18DF03708	18	1.146	1.126	1.38				
A 6J 3-19DF03708	19	1.210	1.190	1.44		1/2	7/8	#8-32
A 6J 3-20DF03708	20	1.273	1.253	1.51				
A 6J 3-21DF03708	21	1.337	1.317	1.57		1/2	7/8	#8-32
A 6J 3-22DF03708	22	1.401	1.381	1.63				
A 6J 3-23DF03708	23	1.464	1.444	1.69		1/2	7/8	#8-32
A 6J 3-24DF03708	24	1.528	1.508	1.76				
A 6J 3-25DF03708	25	1.592	1.572	1.82	.3125	1/2	7/8	#8-32
A 6J 3-26DF03708	26	1.655	1.635	1.89				
A 6J 3-27DF03708	27	1.719	1.699	1.95				
A 6J 3-28DF03708	28	1.783	1.763	2.02				
A 6J 3-29DF03708	29	1.846	1.826	2.08				
A 6J 3-30DF03710	30	1.910	1.890	2.14		5/8	7/8	#10-32
A 6J 3-31DF03710	31	1.974	1.954	2.20				
A 6J 3-32DF03710	32	2.037	2.017	2.27				
A 6J 3-34DF03710	34	2.165	2.145	2.40		5/8	7/8	#10-32
A 6J 3-35DF03710	35	2.228	2.208	2.46				
A 6J 3-36DF03710	36	2.292	2.272	2.53		5/8	7/8	#10-32
A 6J 3-37DF03710	37	2.355	2.335	2.59				
A 6J 3-39DF03710	39	2.483	2.463	2.71		5/8	7/8	#10-32
A 6J 3-40DF03710	40	2.546	2.526	2.78				
A 6J 3-42DF03710	42	2.674	2.654	2.92				
A 6J 3-44DF03710	44	2.801	2.781	3.04		5/8	7/8	#10-32
A 6J 3-48DF03710	48	3.056	3.036	3.29				

NOTE: Pulleys with 10 to 21 grooves do not have webs.



INCH

XL Timing Belt Pulleys - 1/5 Pitch

■ MOLDED WITH METAL HUB

■ SINGLE OR NO FLANGE

■ FOR 3/8" BELTS

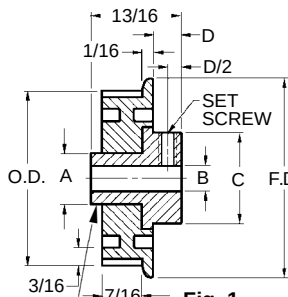


Fig. 1

INSERT IS FLUSH
ON PULLEY WITH
58 TEETH

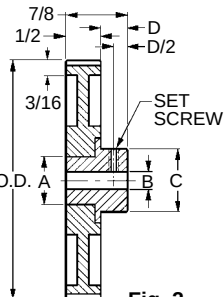
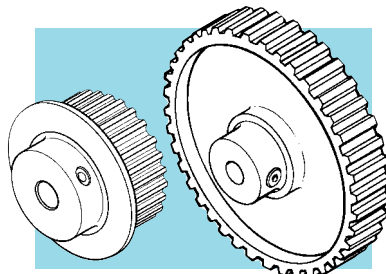


Fig. 2



MATERIAL: Pulley - Polycarbonate – Black, Fiberglass Reinforced
Hub - Aluminum Alloy, Overmolded



Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	D Hub Proj.	Set Screw
● Fig. 1 SINGLE FLANGE									
A 6J 3-10SF03706	10	.637	.617	.87	.1875	3/8	1/2	1/4	#6-32
A 6J 3-11SF03706	11	.700	.680	.93					
A 6J 3-12SF03706	12	.764	.744	.99					
A 6J 3-13SF03706	13	.828	.808	1.06					
A 6J 3-14SF03708	14	.891	.871	1.12					
A 6J 3-15SF03708	15	.955	.935	1.19	.250	1/2	3/4	1/4	#8-32
A 6J 3-16SF03708	16	1.019	.999	1.24		1/2	3/4	1/4	#8-32
A 6J 3-17SF03708	17	1.082	1.062	1.31					
A 6J 3-18SF03708	18	1.146	1.126	1.38					
A 6J 3-19SF03708	19	1.210	1.190	1.44					
A 6J 3-20SF03708	20	1.273	1.253	1.51					
A 6J 3-21SF03708	21	1.337	1.317	1.57		1/2	7/8	1/4	#8-32
A 6J 3-22SF03708	22	1.401	1.381	1.63		1/2	7/8	1/4	#8-32
A 6J 3-23SF03708	23	1.464	1.444	1.69					
A 6J 3-24SF03708	24	1.528	1.508	1.76					
A 6J 3-25SF03708	25	1.592	1.572	1.82					
A 6J 3-26SF03708	26	1.655	1.635	1.89					
A 6J 3-27SF03708	27	1.719	1.699	1.95	1/2	7/8	1/4	#8-32	
A 6J 3-28SF03708	28	1.783	1.763	2.02					
A 6J 3-29SF03708	29	1.846	1.826	2.08					
A 6J 3-30SF03710	30	1.910	1.890	2.14	.3125	1/2 5/8 5/8	7/8	1/4	#10-32
A 6J 3-31SF03710	31	1.974	1.954	2.20					
A 6J 3-32SF03710	32	2.037	2.017	2.27		5/8	7/8	1/4	#10-32
A 6J 3-34SF03710	34	2.165	2.145	2.40					
A 6J 3-35SF03710	35	2.228	2.208	2.46					
A 6J 3-36SF03710	36	2.292	2.272	2.53					
A 6J 3-37SF03710	37	2.355	2.335	2.59					
A 6J 3-39SF03710	39	2.483	2.463	2.71					
A 6J 3-40SF03710	40	2.546	2.526	2.78					
A 6J 3-42SF03710	42	2.674	2.654	2.92		.375	5/8	1-1/32	5/16
A 6J 3-44SF03710	44	2.801	2.781	3.04					
A 6J 3-48SF03710	48	3.056	3.036	3.29					
A 6J 3-58SF03712	58	3.692	3.672	3.92					
● Fig. 2 NO FLANGE									
A 6J 3-60NF03712	60	3.820	3.800	—	.375	5/8	1-1/32	3/8	#10-32
A 6J 3-72NF03712	72	4.584	4.564	—					

NOTE: Pulleys with 10 to 21 grooves do not have webs.



XL Timing Belt Pulleys - 1/5 Pitch

■ MOLDED WITH INSERT

■ DOUBLE FLANGE

■ FOR 3/8" BELTS

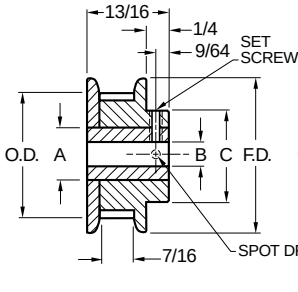


Fig. 1

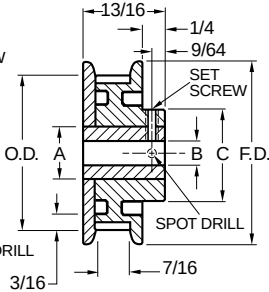
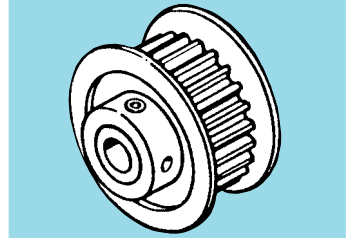


Fig. 2



MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
A 6Z 3-10DF03706 A 6Z 3-10DF03708	1	10	.637	.617	.87	.1875 .250	3/8	11/16	#6-32
A 6Z 3-11DF03706 A 6Z 3-11DF03708		11	.700	.680	.93	.1875 .250	3/8	11/16	#6-32
A 6Z 3-12DF03706 A 6Z 3-12DF03708		12	.764	.744	.99	.1875 .250	3/8	11/16	#6-32
A 6Z 3-13DF03706 A 6Z 3-13DF03708		13	.828	.808	1.06	.1875 .250	3/8	11/16	#6-32
A 6Z 3-14DF03708 A 6Z 3-14DF03710 A 6Z 3-14DF03712		14	.891	.871	1.12	.250 .3125 .375	1/2	3/4	#8-32
A 6Z 3-15DF03708 A 6Z 3-15DF03710 A 6Z 3-15DF03712		15	.955	.935	1.19	.250 .3125 .375	1/2	3/4	#8-32
A 6Z 3-16DF03708 A 6Z 3-16DF03710 A 6Z 3-16DF03712		16	1.019	.999	1.24	.250 .3125 .375	1/2	3/4	#8-32
A 6Z 3-17DF03708 A 6Z 3-17DF03710 A 6Z 3-17DF03712		17	1.082	1.063	1.31	.250 .3125 .375	1/2	3/4	#8-32
A 6Z 3-18DF03708 A 6Z 3-18DF03710 A 6Z 3-18DF03712		18	1.146	1.126	1.38	.250 .3125 .375	1/2	3/4	#8-32
A 6Z 3-19DF03708 A 6Z 3-19DF03710 A 6Z 3-19DF03712		19	1.210	1.190	1.44	.250 .3125 .375	1/2	3/4	#8-32
A 6Z 3-20DF03708 A 6Z 3-20DF03710 A 6Z 3-20DF03712		20	1.273	1.253	1.51	.250 .3125 .375	1/2	7/8	#8-32

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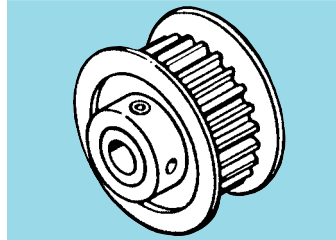
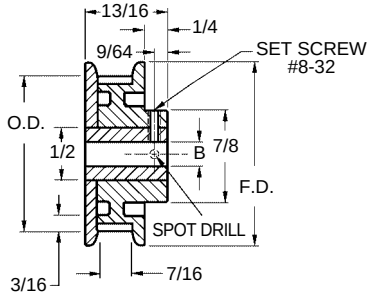
INCH

XL Timing Belt Pulleys - 1/5 Pitch

■ MOLDED WITH INSERT

■ DOUBLE FLANGE

■ FOR 3/8" BELTS



MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled



Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000
A 6Z 3-21DF03708	21	1.337	1.317	1.57	.250
A 6Z 3-21DF03710					.3125
A 6Z 3-21DF03712					.375
A 6Z 3-22DF03708	22	1.401	1.381	1.63	.250
A 6Z 3-22DF03710					.3125
A 6Z 3-22DF03712					.375
A 6Z 3-23DF03708	23	1.464	1.445	1.69	.250
A 6Z 3-23DF03710					.3125
A 6Z 3-23DF03712					.375
A 6Z 3-24DF03708	24	1.528	1.508	1.76	.250
A 6Z 3-24DF03710					.3125
A 6Z 3-24DF03712					.375
A 6Z 3-25DF03708	25	1.592	1.572	1.82	.250
A 6Z 3-25DF03710					.3125
A 6Z 3-25DF03712					.375
A 6Z 3-26DF03708	26	1.655	1.636	1.89	.250
A 6Z 3-26DF03710					.3125
A 6Z 3-26DF03712					.375
A 6Z 3-27DF03708	27	1.719	1.700	1.95	.250
A 6Z 3-27DF03710					.3125
A 6Z 3-27DF03712					.375
A 6Z 3-28DF03708	28	1.783	1.763	2.02	.250
A 6Z 3-28DF03710					.3125
A 6Z 3-28DF03712					.375
A 6Z 3-29DF03708	29	1.846	1.827	2.08	.250
A 6Z 3-29DF03710					.3125
A 6Z 3-29DF03712					.375
A 6Z 3-30DF03708	30	1.910	1.890	2.14	.250
A 6Z 3-30DF03710					.3125
A 6Z 3-30DF03712					.375

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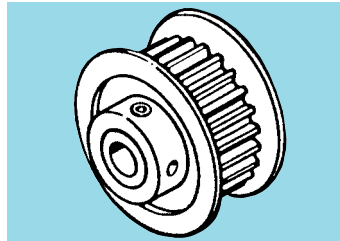
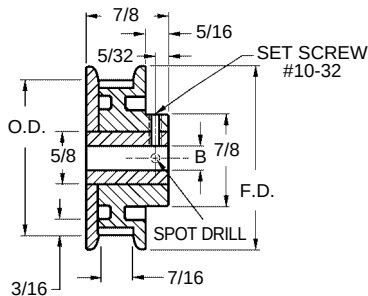


XL Timing Belt Pulleys - 1/5 Pitch

■ MOLDED WITH INSERT

■ DOUBLE FLANGE

■ FOR 3/8" BELTS



MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000
A 6Z 3-31DF03710	31	1.973	1.954	2.20	.3125
A 6Z 3-31DF03712					.375
A 6Z 3-31DF03716					.500
A 6Z 3-32DF03710	32	2.037	2.017	2.27	.3125
A 6Z 3-32DF03712					.375
A 6Z 3-32DF03716					.500
A 6Z 3-34DF03710	34	2.165	2.145	2.40	.3125
A 6Z 3-34DF03712					.375
A 6Z 3-34DF03716					.500
A 6Z 3-35DF03710	35	2.228	2.209	2.46	.3125
A 6Z 3-35DF03712					.375
A 6Z 3-35DF03716					.500
A 6Z 3-36DF03710	36	2.292	2.272	2.53	.3125
A 6Z 3-36DF03712					.375
A 6Z 3-36DF03716					.500
A 6Z 3-37DF03710	37	2.355	2.336	2.59	.3125
A 6Z 3-37DF03712					.375
A 6Z 3-37DF03716					.500
A 6Z 3-39DF03710	39	2.482	2.462	2.71	.3125
A 6Z 3-39DF03712					.375
A 6Z 3-39DF03716					.500
A 6Z 3-40DF03710	40	2.546	2.526	2.78	.3125
A 6Z 3-40DF03712					.375
A 6Z 3-40DF03716					.500
A 6Z 3-42DF03710	42	2.674	2.654	2.92	.3125
A 6Z 3-42DF03712					.375
A 6Z 3-42DF03716					.500
A 6Z 3-44DF03710	44	2.801	2.781	3.04	.3125
A 6Z 3-44DF03712					.375
A 6Z 3-44DF03716					.500
A 6Z 3-48DF03710	48	3.056	3.036	3.29	.3125
A 6Z 3-48DF03712					.375
A 6Z 3-48DF03716					.500



XL Timing Belt Pulleys - 1/5 Pitch

■ MOLDED WITH INSERT

■ SINGLE FLANGE

■ FOR 3/8" BELTS

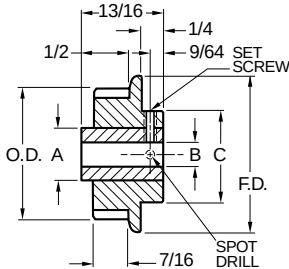


Fig. 1

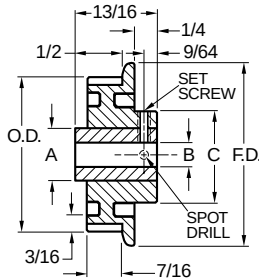
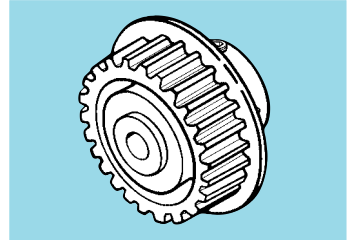


Fig. 2



MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled



Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
A 6Z 3-10SF03706	1	10	.637	.617	.87	.1875 .250	3/8	11/16	#6-32
A 6Z 3-10SF03708		11	.700	.680	.93	.1875 .250			
A 6Z 3-11SF03706		12	.764	.744	.99	.1875 .250			
A 6Z 3-12SF03706		13	.828	.808	1.06	.1875 .250			
A 6Z 3-13SF03706		14	.891	.871	1.12	.250 .3125 .375			
A 6Z 3-13SF03708		15	.955	.935	1.19	.250 .3125 .375			
A 6Z 3-14SF03708		16	1.019	.999	1.24	.250 .3125 .375	1/2	3/4	#8-32
A 6Z 3-14SF03710		17	1.082	1.063	1.31	.250 .3125 .375			
A 6Z 3-15SF03712		18	1.146	1.126	1.38	.250 .3125 .375			
A 6Z 3-16SF03708		19	1.210	1.190	1.44	.250 .3125 .375			
A 6Z 3-16SF03710		20	1.273	1.253	1.51	.250 .3125 .375			
A 6Z 3-17SF03708									
A 6Z 3-17SF03710									
A 6Z 3-17SF03712									
A 6Z 3-18SF03708									
A 6Z 3-18SF03710									
A 6Z 3-18SF03712									
A 6Z 3-19SF03708	2						1/2	3/4	#8-32
A 6Z 3-19SF03710									
A 6Z 3-19SF03712									
A 6Z 3-20SF03708							1/2	7/8	#8-32
A 6Z 3-20SF03710									
A 6Z 3-20SF03712									

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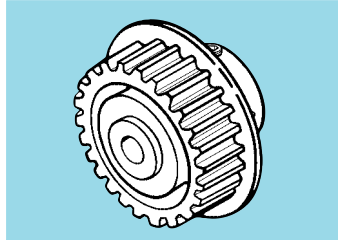
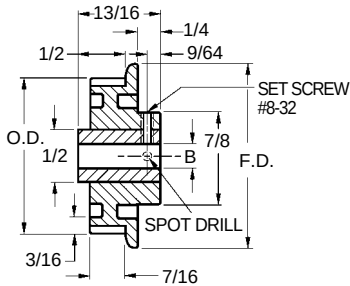


XL Timing Belt Pulleys - 1/5 Pitch

■ MOLDED WITH INSERT

■ SINGLE FLANGE

■ FOR 3/8" BELTS



MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000
A 6Z 3-21SF03708	21	1.337	1.317	1.57	.250
A 6Z 3-21SF03710					.3125
A 6Z 3-21SF03712					.375
A 6Z 3-22SF03708	22	1.401	1.381	1.63	.250
A 6Z 3-22SF03710					.3125
A 6Z 3-22SF03712					.375
A 6Z 3-23SF03708	23	1.464	1.445	1.69	.250
A 6Z 3-23SF03710					.3125
A 6Z 3-23SF03712					.375
A 6Z 3-24SF03708	24	1.528	1.508	1.76	.250
A 6Z 3-24SF03710					.3125
A 6Z 3-24SF03712					.375
A 6Z 3-25SF03708	25	1.592	1.572	1.82	.250
A 6Z 3-25SF03710					.3125
A 6Z 3-25SF03712					.375
A 6Z 3-26SF03708	26	1.655	1.636	1.89	.250
A 6Z 3-26SF03710					.3125
A 6Z 3-26SF03712					.375
A 6Z 3-27SF03708	27	1.719	1.700	1.95	.250
A 6Z 3-27SF03710					.3125
A 6Z 3-27SF03712					.375
A 6Z 3-28SF03708	28	1.783	1.763	2.02	.250
A 6Z 3-28SF03710					.3125
A 6Z 3-28SF03712					.375
A 6Z 3-29SF03708	29	1.846	1.827	2.08	.250
A 6Z 3-29SF03710					.3125
A 6Z 3-29SF03712					.375
A 6Z 3-30SF03708	30	1.910	1.890	2.14	.250
A 6Z 3-30SF03710					.3125
A 6Z 3-30SF03712					.375

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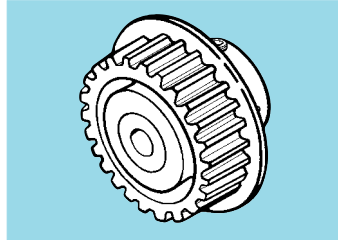
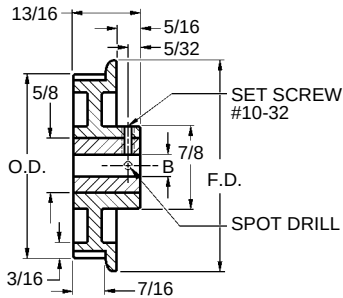
INCH

XL Timing Belt Pulleys - 1/5 Pitch

■ MOLDED WITH INSERT

■ SINGLE FLANGE

■ FOR 3/8" BELTS



MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000
A 6Z 3-31SF03710	31	1.973	1.954	2.20	.3125
A 6Z 3-31SF03712					.375
A 6Z 3-31SF03716					.500
A 6Z 3-32SF03710	32	2.037	2.017	2.27	.3125
A 6Z 3-32SF03712					.375
A 6Z 3-32SF03716					.500
A 6Z 3-34SF03710	34	2.165	2.145	2.40	.3125
A 6Z 3-34SF03712					.375
A 6Z 3-34SF03716					.500
A 6Z 3-35SF03710	35	2.228	2.209	2.46	.3125
A 6Z 3-35SF03712					.375
A 6Z 3-35SF03716					.500
A 6Z 3-36SF03710	36	2.292	2.272	2.53	.3125
A 6Z 3-36SF03712					.375
A 6Z 3-36SF03716					.500
A 6Z 3-37SF03710	37	2.355	2.336	2.59	.3125
A 6Z 3-37SF03712					.375
A 6Z 3-37SF03716					.500
A 6Z 3-39SF03710	39	2.482	2.462	2.71	.3125
A 6Z 3-39SF03712					.375
A 6Z 3-39SF03716					.500
A 6Z 3-40SF03710	40	2.546	2.526	2.78	.3125
A 6Z 3-40SF03712					.375
A 6Z 3-40SF03716					.500

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XL Timing Belt Pulleys - 1/5 Pitch

■ MOLDED WITH INSERT

■ SINGLE OR NO FLANGE

■ FOR 3/8" BELTS

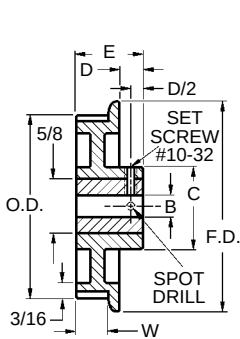


Fig. 1

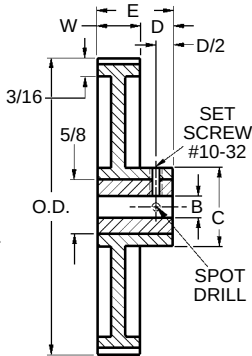
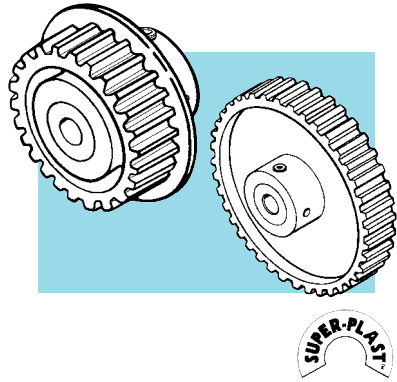


Fig. 2



MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
 Insert - Aluminum, Knurled

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	E Length	C Hub Dia.	D Hub Proj.	W
● FIG. 1 SINGLE FLANGE									
A 6Z 3-42SF03710 A 6Z 3-42SF03712 A 6Z 3-42SF03716	42	2.674	2.654	2.92	.3125 .375 .500	13/16	7/8	5/16	7/16
A 6Z 3-44SF03710 A 6Z 3-44SF03712 A 6Z 3-44SF03716	44	2.801	2.781	3.04	.3125 .375 .500	13/16	7/8	5/16	7/16
A 6Z 3-48SF03710 A 6Z 3-48SF03712 A 6Z 3-48SF03716	48	3.056	3.036	3.29	.3125 .375 .500	13/16	7/8	5/16	7/16
A 6Z 3-58SF03710 A 6Z 3-58SF03712 A 6Z 3-58SF03716	58	3.692	3.672	3.92	.3125 .375 .500	13/16	1	5/16	7/16
A 6Z 3-78SF03710 A 6Z 3-78SF03712 A 6Z 3-78SF03716	78	4.966	4.946	5.19	.3125 .375 .500	31/32	1	3/8	1/2
● FIG. 2 NO FLANGE									
A 6Z 3-60NF03710 A 6Z 3-60NF03712 A 6Z 3-60NF03716	60	3.820	3.800	—	.3125 .375 .500	7/8	1	3/8	1/2
A 6Z 3-72NF03710 A 6Z 3-72NF03712 A 6Z 3-72NF03716	72	4.584	4.564	—	.3125 .375 .500	7/8	1	3/8	1/2



INCH

XL Timing Belt Pulleys - 1/5 Pitch

■ MOLDED WITH SET SCREWS

■ DOUBLE FLANGE

■ FOR 3/8" BELTS

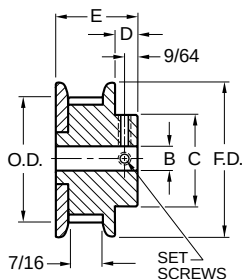


Fig. 1

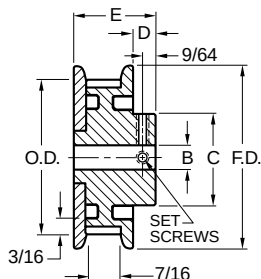
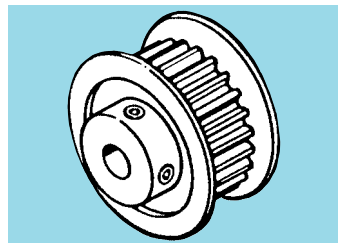


Fig. 2



MATERIAL: Polycarbonate - Fiberglass Reinforced

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	E Length	C Hub Dia.	D Hub Proj.
A 6K 3-10DF03706	1	10	.637	.617	.87	.1875	13/16	11/16	1/4
A 6K 3-11DF03706		11	.700	.680	.93				
A 6K 3-12DF03706		12	.764	.744	.99				
A 6K 3-13DF03706		13	.828	.808	1.06				
A 6K 3-14DF03708		14	.891	.871	1.12				
A 6K 3-15DF03708		15	.955	.935	1.19				
A 6K 3-16DF03708		16	1.019	.999	1.24				
A 6K 3-17DF03708	2	17	1.082	1.062	1.31	.250	13/16	3/4	1/4
A 6K 3-18DF03708		18	1.146	1.126	1.38				
A 6K 3-19DF03708		19	1.210	1.190	1.44				
A 6K 3-20DF03708		20	1.273	1.253	1.51				
A 6K 3-21DF03708		21	1.337	1.317	1.57				
A 6K 3-22DF03708		22	1.401	1.381	1.63				
A 6K 3-23DF03708		23	1.464	1.444	1.69				
A 6K 3-24DF03708		24	1.528	1.508	1.76				
A 6K 3-25DF03708		25	1.592	1.572	1.82				
A 6K 3-26DF03708		26	1.655	1.635	1.89				
A 6K 3-27DF03708		27	1.719	1.699	1.95				
A 6K 3-28DF03708		28	1.783	1.763	2.02				
A 6K 3-29DF03708		29	1.846	1.826	2.08				
A 6K 3-30DF03710		30	1.910	1.890	2.14	.3125	13/16 7/8	7/8	1/4 5/16*
A 6K 3-31DF03710		31	1.974	1.954	2.20				

NOTE: Pulleys have 2 #8-32 set screws at 90°.

*Set Screw location D/2.

Did You Know?

... Sterling Instrument carries the largest selection of gear and synchro clamps?



INCH

XL Timing Belt Pulleys - 1/5 Pitch

■ MOLDED WITH SET SCREWS

■ SINGLE OR NO FLANGE

■ FOR 3/8" BELTS

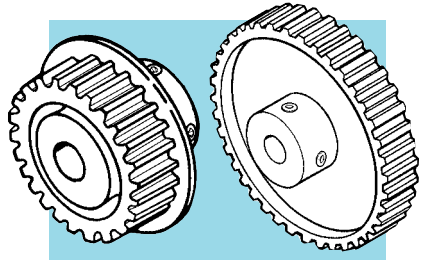
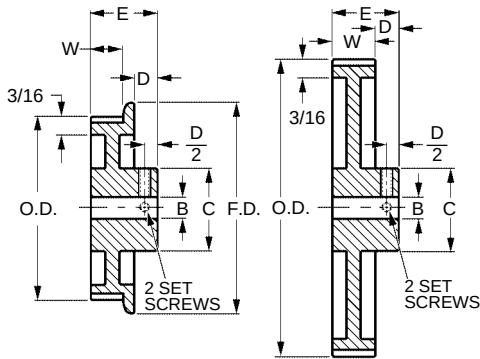


Fig. 1
SINGLE FLANGE

Fig. 2
NO FLANGE

MATERIAL: Polycarbonate

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	E Length	C Hub Dia.	D Hub Proj.	W
● Fig. 1 SINGLE FLANGE									
A 6K 3-32SF03710	32	2.037	2.017	2.27	.3125	13/16	7/8	5/16	7/16
A 6K 3-34SF03710	34	2.165	2.145	2.40					
A 6K 3-35SF03710	35	2.228	2.208	2.46					
A 6K 3-36SF03710	36	2.292	2.272	2.53					
A 6K 3-37SF03710	37	2.355	2.335	2.59					
A 6K 3-39SF03710	39	2.483	2.463	2.71					
A 6K 3-40SF03710	40	2.546	2.526	2.78	.375	13/16 31/32	1	5/16 3/8	1/2
A 6K 3-42SF03710	42	2.674	2.654	2.92					
A 6K 3-44SF03710	44	2.801	2.781	3.04					
A 6K 3-48SF03710	48	3.056	3.036	3.29					
A 6K 3-58SF03712	58	3.692	3.672	3.92					
A 6K 3-78SF03712	78	4.966	4.946	5.19					
● Fig. 2 NO FLANGE									
A 6K 3-60NF03712	60	3.820	3.800	—	.375	7/8	1	3/8	1/2
A 6K 3-72NF03712	72	4.584	4.564						

NOTE: Pulleys have 2 #10-32 set screws at 90°.

Did You Know?

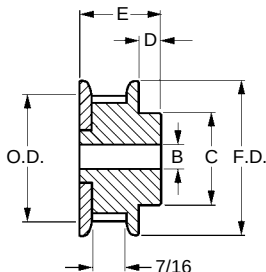
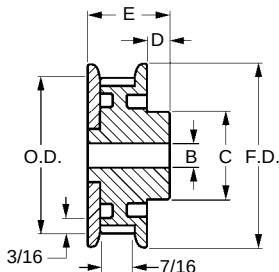
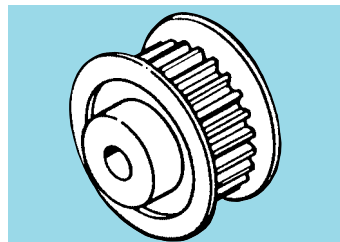
... At SDP/SI, we are dedicated to manufacturing plastic drive components that are standardized or custom-designed by the inch or by the millimeter?

**INCH****XL Timing Belt Pulleys - 1/5 Pitch**

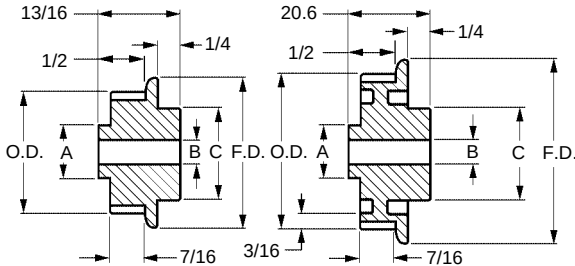
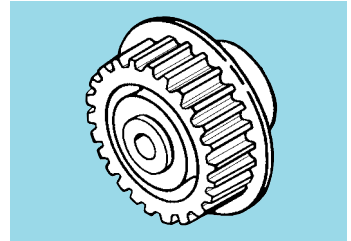
■ MOLDED

■ DOUBLE FLANGE

■ FOR 3/8" BELTS

**Fig. 1****Fig. 2****MATERIAL:** Polycarbonate, Fiberglass Reinforced

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	E Length	C Hub Dia.	D Hub Dia.
A 6L 3-10DF03706	1	10	.637	.617	.87	.1875	13/16	11/16	1/4
A 6L 3-11DF03706		11	.700	.680	.93				
A 6L 3-12DF03706		12	.764	.744	.99				
A 6L 3-13DF03706		13	.828	.808	1.06				
A 6L 3-14DF03708		14	.891	.871	1.12				
A 6L 3-15DF03708	2	15	.955	.935	1.19	.250	13/16	3/4	1/4
A 6L 3-16DF03708		16	1.019	.999	1.24				
A 6L 3-17DF03708		17	1.082	1.062	1.31				
A 6L 3-18DF03708		18	1.146	1.126	1.38		13/16	3/4 7/8	1/4
A 6L 3-19DF03708		19	1.210	1.190	1.44				
A 6L 3-20DF03708		20	1.273	1.253	1.51				
A 6L 3-21DF03708		21	1.337	1.317	1.57		13/16	7/8	1/4
A 6L 3-22DF03708		22	1.401	1.381	1.63				
A 6L 3-23DF03708		23	1.464	1.444	1.69				
A 6L 3-24DF03708		24	1.528	1.508	1.76		13/16	7/8	1/4
A 6L 3-25DF03708		25	1.592	1.572	1.82				
A 6L 3-26DF03708		26	1.655	1.635	1.89				
A 6L 3-27DF03708		27	1.719	1.699	1.95		13/16	7/8	1/4
A 6L 3-28DF03708		28	1.783	1.763	2.02				
A 6L 3-29DF03708		29	1.846	1.826	2.08				
A 6L 3-30DF03710	2	30	1.910	1.890	2.14	.3125	13/16 7/8 7/8	7/8	1/4 5/16 5/16
A 6L 3-31DF03710		31	1.974	1.954	2.20				
A 6L 3-32DF03710		32	2.037	2.017	2.27				
A 6L 3-34DF03710		34	2.165	2.145	2.40		7/8	7/8	5/16
A 6L 3-35DF03710		35	2.228	2.208	2.46				
A 6L 3-36DF03710		36	2.292	2.272	2.53				
A 6L 3-37DF03710		37	2.355	2.335	2.59		7/8	7/8	5/16
A 6L 3-39DF03710		39	2.483	2.463	2.71				
A 6L 3-40DF03710		40	2.546	2.526	2.78				
A 6L 3-42DF03710		42	2.674	2.654	2.92		7/8	7/8	5/16
A 6L 3-44DF03710		44	2.801	2.781	3.04				
A 6L 3-48DF03710		48	3.056	3.036	3.29				

**INCH****XL Timing Belt Pulleys - 1/5 Pitch**■ **MOLDED**■ **SINGLE FLANGE**■ **FOR 3/8" BELTS****Fig. 1****Fig. 2****MATERIAL:** Polycarbonate, Fiberglass Reinforced

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.
A 6L 3-10SF03706	1	10	.637	.617	.87	.1875	3/8	11/16
A 6L 3-11SF03706		11	.700	.680	.93		3/8	
A 6L 3-12SF03706		12	.764	.744	.99		3/8	
A 6L 3-13SF03706		13	.828	.808	1.06		1/2	
A 6L 3-14SF03708		14	.891	.871	1.12	.250	1/2	3/4
A 6L 3-15SF03708		15	.955	.935	1.19			
A 6L 3-16SF03708		16	1.019	.999	1.24			
A 6L 3-17SF03708		17	1.082	1.062	1.31			
A 6L 3-18SF03708		18	1.146	1.126	1.38			
A 6L 3-19SF03708	2	19	1.210	1.190	1.44		1/2	3/4 7/8 7/8 7/8
A 6L 3-20SF03708		20	1.273	1.253	1.51			
A 6L 3-21SF03708		21	1.337	1.317	1.57			
A 6L 3-22SF03708		22	1.401	1.381	1.63			
A 6L 3-23SF03708		23	1.464	1.444	1.69		1/2	7/8
A 6L 3-24SF03708		24	1.528	1.508	1.76			
A 6L 3-25SF03708		25	1.592	1.572	1.82			
A 6L 3-26SF03708		26	1.655	1.635	1.89			
A 6L 3-27SF03708		27	1.719	1.699	1.95		1/2	7/8
A 6L 3-28SF03708		28	1.783	1.763	2.02			
A 6L 3-29SF03708		29	1.846	1.826	2.08			
A 6L 3-30SF03710		30	1.910	1.890	2.14	.3125	1/2	7/8

Continued on the next page

Did You Know?

... That Sterling Instrument is equipped to handle an entire project from the design and manufacturing of individual components to the assembly of final products? We are dedicated to quality products and on time delivery.



INCH

XL Timing Belt Pulleys - 1/5 Pitch

■ MOLDED

■ SINGLE OR NO FLANGE

■ FOR 3/8" BELTS

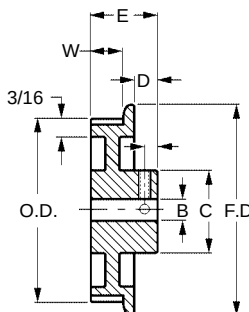


Fig. 1
SINGLE FLANGE

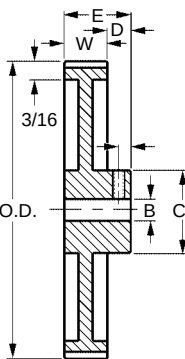
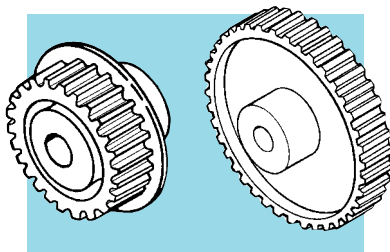


Fig. 2
NO FLANGE



MATERIAL: Polycarbonate, Fiberglass Reinforced

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	E Length	C Hub Dia.	D Hub Proj.	W
● Fig. 1 SINGLE FLANGE									
A 6L 3-31SF03710	31	1.974	1.954	2.20	.3125	13/16	7/8	5/16	7/16
A 6L 3-32SF03710	32	2.037	2.017	2.27					
A 6L 3-34SF03710	34	2.165	2.145	2.40					
A 6L 3-35SF03710	35	2.228	2.208	2.46					
A 6L 3-36SF03710	36	2.292	2.272	2.53					
A 6L 3-37SF03710	37	2.355	2.335	2.59					
A 6L 3-39SF03710	39	2.483	2.463	2.71					
A 6L 3-40SF03710	40	2.546	2.526	2.78					
A 6L 3-42SF03710	42	2.674	2.654	2.92					
A 6L 3-44SF03710	44	2.801	2.781	3.04					
A 6L 3-48SF03710	48	3.056	3.036	3.29	.375	13/16 31/32	1	5/16 3/8	7/16 1/2
A 6L 3-58SF03712	58	3.692	3.672	3.92					
A 6L 3-78SF03712	78	4.966	4.946	5.19					
● Fig. 2 NO FLANGE									
A 6L 3-60NF03712	60	3.820	3.800	—	.375	7/8	1	3/8	1/2
A 6L 3-72NF03712	72	4.584	4.564						

Did You Know?

... That by viewing our "home page" on the INTERNET <http://www.sdp-si.com> you can obtain additional literature.



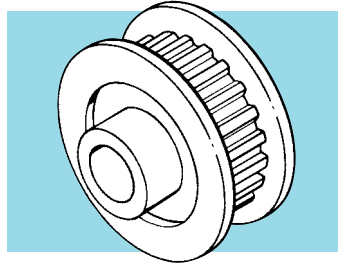
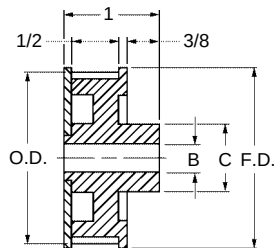
INCH

XL Timing Belt Pulleys - 1/5 Pitch

■ MOLDED

■ DOUBLE FLANGE

■ FOR 3/8" BELTS



MATERIAL: Acetal

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.002	C Hub Dia.
A 6M 3-10DF037	10	.637	.617	55/64	.1875	1/2
A 6M 3-11DF037	11	.700	.680	59/64		
A 6M 3-12DF037	12	.764	.744	1		
A 6M 3-14DF037	14	.891	.871	1-1/8	.250	1/2
A 6M 3-15DF037	15	.955	.935	1-3/16		
A 6M 3-16DF037	16	1.019	.999	1-1/4		
A 6M 3-18DF037	18	1.146	1.126	1-3/8		
A 6M 3-20DF037	20	1.273	1.253	1-1/2	.250	5/8
A 6M 3-21DF037	21	1.337	1.317	1-9/16		
A 6M 3-22DF037	22	1.401	1.381	1-5/8		
A 6M 3-24DF037	24	1.528	1.508	1-3/4	.3125	11/16
A 6M 3-28DF037	28	1.783	1.763	2-1/64		
A 6M 3-30DF037	30	1.910	1.890	2-9/64		
A 6M 3-32DF037	32	2.037	2.017	2-17/64	.3125	11/16
A 6M 3-36DF037	36	2.292	2.272	2-33/64		
A 6M 3-40DF037	40	2.546	2.526	2-25/32		
A 6M 3-42DF037	42	2.674	2.654	2-29/32		
A 6M 3-44DF037	44	2.801	2.781	3-1/32		
A 6M 3-48DF037	48	3.056	3.036	3-9/32		

NOTE: Pulleys with 10 to 12 grooves do not have webs.

Did You Know?

...That SUPER-PLAST® plastic gears reinforced with metal inserts are available from stock exclusively from SDP?



Inch Inch Inch Inch Inch Inch Inch Inch Inch

XL Timing Belt Pulleys - 1/5 Pitch

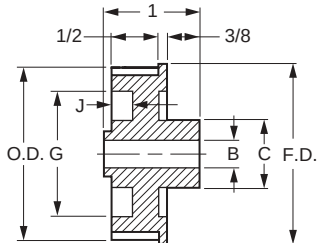
Stock Drive Products/Sterling Instrument

Phone: 516-328-3300

Fax: 516-326-8827

■ MOLDED

■ SINGLE FLANGE

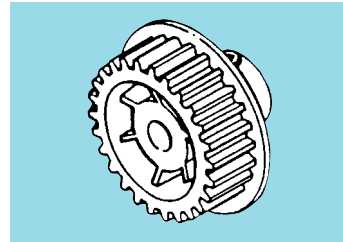
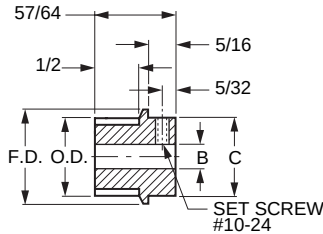
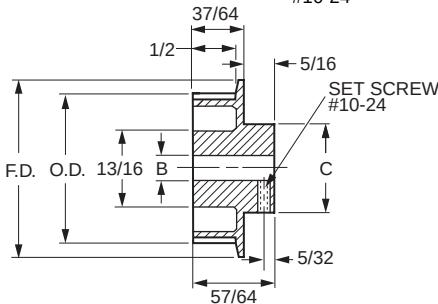
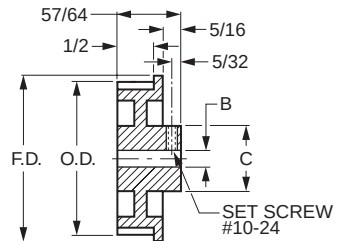


FOR 3/8" BELTS

MATERIAL: Acetal

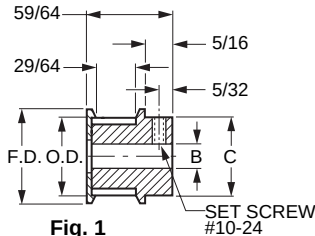
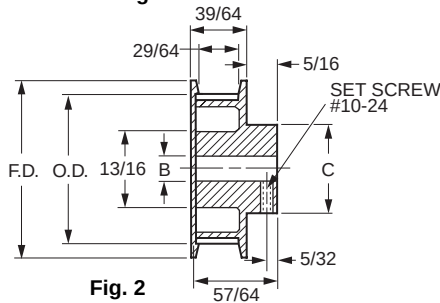
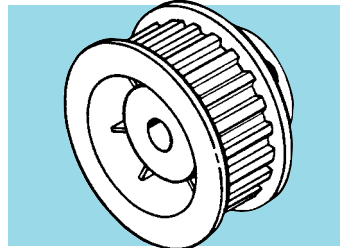
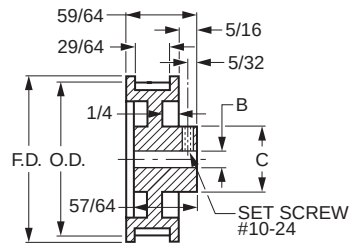
Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.002	C Hub Dia.	G	J
A 6M 3-10SF037	10	.637	.617	7/8	.1875	1/2	Solid	Solid
A 6M 3-11SF037	11	.700	.680	15/16				
A 6M 3-12SF037	12	.764	.744	1				
A 6M 3-14SF037	14	.891	.871	1-1/8	.250	1/2	.575	.265
*A 6M 3-15SF037	15	.955	.935	1-3/16			.610	.265
*A 6M 3-16SF037	16	1.019	.999	1-1/4			.745	.210
A 6M 3-18SF037	18	1.146	1.126	1-3/8		5/8	.785	.205
A 6M 3-20SF037	20	1.273	1.253	1-1/2			.950	.210
*A 6M 3-21SF037	21	1.337	1.317	1-9/16			1.040	.210
A 6M 3-22SF037	22	1.401	1.381	1-5/8			1.090	.200
*A 6M 3-24SF037	24	1.528	1.508	1-3/4	.3125	5/8	1.250	.210
*A 6M 3-28SF037	28	1.783	1.763	2			1.495	.215
A 6M 3-30SF037	30	1.910	1.890	2-1/8		11/16	1.570	.210
*A 6M 3-32SF037	32	2.037	2.017	2-1/4			1.730	.210
*A 6M 3-36SF037	36	2.292	2.272	2-17/32			1.980	.215
A 6M 3-40SF037	40	2.546	2.526	2-3/4		11/16	2.205	.270
*A 6M 3-42SF037	42	2.674	2.654	2-29/32			2.335	.210
*A 6M 3-44SF037	44	2.801	2.781	3-1/32			2.450	.210
A 6M 3-48SF037	48	3.056	3.036	3-9/32			2.720	.220

*These pulleys are 15/16 wide (no flange shoulder).

■ MOLDED
■ SINGLE FLANGE
Fig. 1

FOR 3/8" BELTS
Fig. 2

Fig. 3

MATERIAL: Nylon - Black, Fiberglass Reinforced

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.0015 -.0000	C Hub Dia.
A 6T 3-10SF037	1	10	.637	.617	.87	.2505	19/32
A 6T 3-11SF037		11	.700	.680	.94		3/4
A 6T 3-12SF037		12	.764	.744	1.00		7/8
A 6T 3-13SF037		13	.828	.808	1.05		
A 6T 3-14SF037	2	14	.891	.871	1.13		
A 6T 3-15SF037		15	.955	.935	1.18		
A 6T 3-16SF037		16	1.019	.999	1.24		
A 6T 3-17SF037		17	1.082	1.062	1.31		
A 6T 3-18SF037		18	1.146	1.126	1.38		
A 6T 3-20SF037		20	1.273	1.253	1.50		
A 6T 3-21SF037		21	1.337	1.317	1.57		
A 6T 3-22SF037		22	1.401	1.381	1.63		
A 6T 3-24SF037		24	1.528	1.508	1.76		
A 6T 3-25SF037		25	1.592	1.572	1.80		
A 6T 3-26SF037		26	1.655	1.635	1.87		
A 6T 3-27SF037		27	1.719	1.699	1.94		
A 6T 3-28SF037	3	28	1.783	1.763	2.02	.2505	
A 6T 3-29SF037		29	1.846	1.826	2.07		
A 6T 3-30SF037		30	1.910	1.890	2.14		
A 6T 3-32SF037		32	2.037	2.017	2.26		
A 6T 3-36SF037		36	2.292	2.272	2.51		
A 6T 3-40SF037		40	2.546	2.526	2.78		
A 6T 3-42SF037		42	2.674	2.654	2.90		
A 6T 3-48SF037		48	3.056	3.036	3.28		
A 6T 3-60SF037		60	3.820	3.800	4.01		
							7/8
							1-1/4

Other bore sizes available on special order.

■ MOLDED
■ DOUBLE FLANGE

Fig. 1

Fig. 2

FOR 3/8" BELTS

Fig. 3
MATERIAL: Nylon - Black, Fiberglass Reinforced

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.0015 -.0000	C Hub Dia.
A 6T 3-10DF037	1	10	.637	.617	.87	.2505	19/32
A 6T 3-11DF037		11	.700	.680	.94		3/4
A 6T 3-12DF037		12	.764	.744	1.00		7/8
A 6T 3-13DF037		13	.828	.808	1.05		
A 6T 3-14DF037	2	14	.891	.871	1.13		7/8
A 6T 3-15DF037		15	.955	.935	1.18		
A 6T 3-16DF037		16	1.019	.999	1.24		
A 6T 3-17DF037		17	1.082	1.062	1.31		
A 6T 3-18DF037		18	1.146	1.126	1.38		
A 6T 3-20DF037		20	1.273	1.253	1.50		
A 6T 3-21DF037		21	1.337	1.317	1.57		
A 6T 3-22DF037		22	1.401	1.381	1.63		
A 6T 3-24DF037		24	1.528	1.508	1.76		
A 6T 3-25DF037		25	1.592	1.572	1.80		
A 6T 3-26DF037		26	1.655	1.635	1.87		
A 6T 3-27DF037		27	1.719	1.699	1.94		
A 6T 3-28DF037	3	28	1.783	1.763	2.02		7/8
A 6T 3-29DF037		29	1.846	1.826	2.07		
A 6T 3-30DF037		30	1.910	1.890	2.14		
A 6T 3-32DF037		32	2.037	2.017	2.26		
A 6T 3-36DF037		36	2.292	2.272	2.51		
A 6T 3-40DF037		40	2.546	2.526	2.78		
A 6T 3-42DF037		42	2.674	2.654	2.90		
A 6T 3-48DF037		48	3.056	3.036	3.28		

Other bore sizes available on special order.



Inch Inch Inch Inch Inch Inch Inch Inch Inch

XL Timing Belt Pulleys - 1/5 Pitch

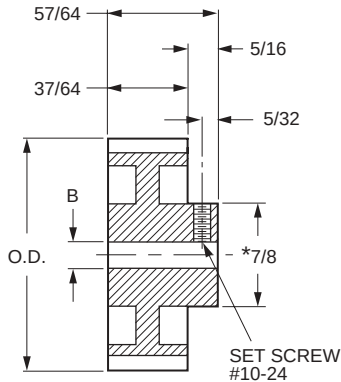
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Fax: 516-326-8827

■ MOLDED

■ NO FLANGE



FOR 3/8" BELTS

MATERIAL: Nylon - Black, Fiberglass Reinforced

Catalog Number	No. of Grooves	P.D.	O.D.	B Bore +.0010 -.0000
A 6T 3-32NF037	32	2.037	2.017	.2505
A 6T 3-36NF037	36	2.292	2.272	
A 6T 3-40NF037	40	2.546	2.526	
A 6T 3-42NF037	42	2.674	2.654	
A 6T 3-48NF037	48	3.056	3.036	
*A 6T 3-60NF037	60	3.820	3.800	.3755

*Hub Diameter of 60 teeth is 1-1/4 dia.

Other bore sizes available on special order.

Did You Know?

... That by viewing our "home page" on the **INTERNET** at <http://www.sdp-si.com> you can obtain additional literature.



Shaftloc™ XL Pulleys - 1/5 Pitch

Stock Drive Products/Sterling Instrument

Phone: 516-328-3300

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MOLDED WITH METAL INSERT

SINGLE OR DOUBLE FLANGE

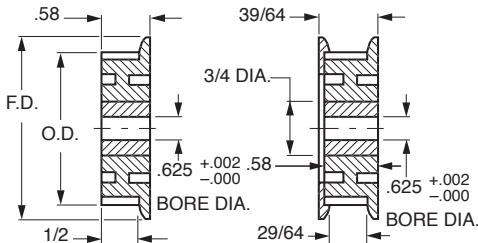
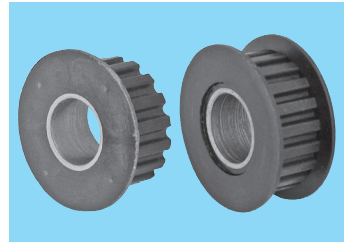


Fig. 1

Fig. 2

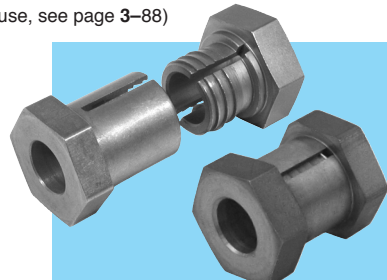
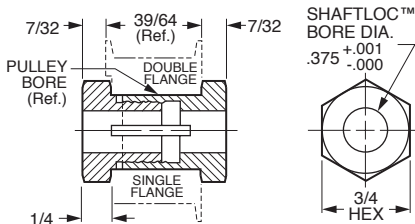
MATERIAL: Pulley - Nylon - Black, Fiberglass Reinforced
Insert - Steel, Overmolded


FOR 3/8" BELTS

Catalog Number		No. of Grooves	P.D.	O.D.	F.D.
Single Flange Fig. 1	Double Flange Fig. 2				
A 6T 3-H18SF3720	A 6T 3-H18DF3720	18	1.146	1.126	1.38
A 6T 3-H19SF3720	A 6T 3-H19DF3720	19	1.210	1.190	1.43
A 6T 3-H20SF3720	A 6T 3-H20DF3720	20	1.273	1.253	1.50
A 6T 3-H21SF3720	A 6T 3-H21DF3720	21	1.337	1.317	1.57
A 6T 3-H22SF3720	A 6T 3-H22DF3720	22	1.401	1.381	1.63
A 6T 3-H24SF3720	A 6T 3-H24DF3720	24	1.528	1.508	1.76
A 6T 3-H25SF3720	A 6T 3-H25DF3720	25	1.592	1.572	1.80
A 6T 3-H26SF3720	A 6T 3-H26DF3720	26	1.655	1.635	1.87
A 6T 3-H27SF3720	A 6T 3-H27DF3720	27	1.719	1.699	1.93
A 6T 3-H28SF3720	A 6T 3-H28DF3720	28	1.783	1.763	2.01
A 6T 3-H29SF3720	A 6T 3-H29DF3720	29	1.846	1.826	2.07
A 6T 3-H30SF3720	A 6T 3-H30DF3720	30	1.910	1.890	2.14
A 6T 3-H32SF3720	A 6T 3-H32DF3720	32	2.037	2.017	2.27
A 6T 3-H36SF3720	A 6T 3-H36DF3720	36	2.292	2.272	2.52
A 6T 3-H40SF3720	A 6T 3-H40DF3720	40	2.546	2.526	2.78
A 6T 3-H42SF3720	A 6T 3-H42DF3720	42	2.674	2.654	2.90
A 6T 3-H48SF3720	A 6T 3-H48DF3720	48	3.056	3.036	3.29
A 6T 3-H60SF3720	A 6T 3-H60DF3720	60	3.820	3.800	4.05

Applicable Shaftloc™ Sleeve

(For Shaftloc™ Introduction and use, see page 3-88)


MATERIAL: 416 Stainless Steel

Catalog Number	Pulley Bore (Ref.)	Max. Torque Capacity* lb. in.
A 7Z37-030553	.625	250

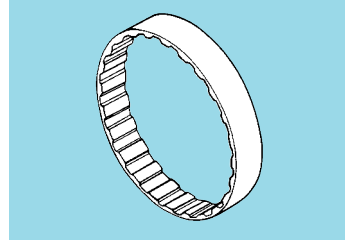
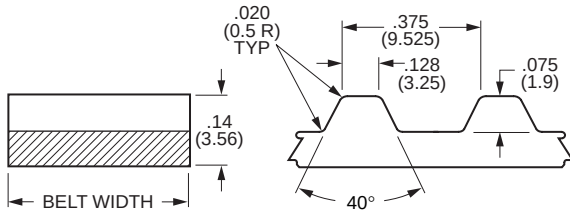


INCH/ METRIC

L Timing Belts - 3/8" or 9.525 mm Pitch

■ NEOPRENE

■ 1/2 & 3/4 INCH - 12.5 & 19 mm WIDE



NOTE: Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 R 4-	050 075	1/2 3/4	A 6R 4-092075 is a 92 Groove 3/4" Wide Belt.
	No. of Grooves (See tables below) Width Code (See right)			
METRIC	A 6 R 4M	125 190	12.5 mm 19 mm	A 6R 4M046190 is a 46 Groove 19 mm Wide Belt.
	No. of Grooves (See tables below) Width Code (See right)			

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene

TEMPERATURE RANGE: -30°F to +185°F (-34°C to +85°C)

BREAKING STRENGTH: 125 lbs. per 1/8" (175 N per 1 mm) Belt Width; not representative of the load-carrying capacity of the belt

No. of Grooves	Pitch Length	
	Inch	mm
26	9.750	247.65
33	12.375	314.33
36	13.500	342.9
38	14.250	361.95
40	15.000	381
41	15.375	390.53
42	15.750	400.05
44	16.500	419.1
45	16.875	428.63
46	17.250	438.15
47	17.625	447.68
50	18.750	476.25
52	19.500	495.3
54	20.250	514.35
55	20.625	523.88
56	21.000	533.4

No. of Grooves	Pitch Length	
	Inch	mm
58	21.750	552.45
60	22.500	571.5
62	23.250	590.55
63	23.625	600.08
64	24.000	609.6
65	24.375	619.13
66	24.750	628.65
67	25.125	638.18
68	25.500	647.7
70	26.250	666.75
72	27.000	685.8
74	27.750	704.85
76	28.500	723.9
80	30.000	762
81	30.375	771.53
82	30.750	781.05

No. of Grooves	Pitch Length	
	Inch	mm
84	31.500	800.1
85	31.875	809.63
86	32.250	819.15
89	33.375	847.73
90	33.750	857.25
92	34.500	876.3
94	35.250	895.35
96	36.000	914.4
98	36.750	933.45
100	37.500	952.5
104	39.000	990.6
108	40.500	1028.7
112	42.000	1066.8
114	42.750	1085.85

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Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.

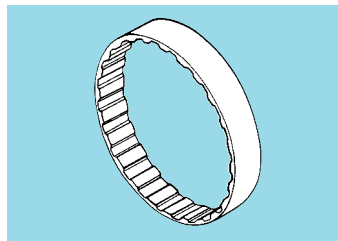
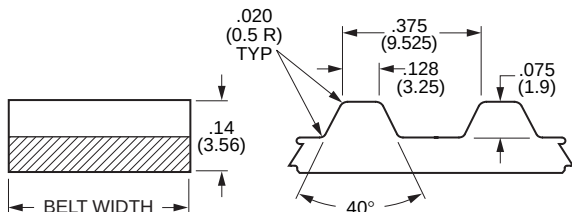


INCH/ METRIC

L Timing Belts - 3/8" or 9.525 mm Pitch

■ NEOPRENE

■ 1/2 & 3/4 INCH (12.5 & 19 mm) WIDE



NOTE: Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 R 4-	050 075	1/2 3/4	A 6R 4-117075 is a 117 Groove 3/4" Wide Belt.
	No. of Grooves (See tables below) Width Code (See right)			
METRIC	A 6 R 4M	125 190	12.5 mm 19 mm	A 6R 4M230125 is a 230 Groove 12.5 mm Wide Belt.
	No. of Grooves (See tables below) Width Code (See right)			

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene

TEMPERATURE RANGE: -30°F to +185°F (-34°C to +85°C)

BREAKING STRENGTH: 125 lbs. per 1/8" (175 N per 1 mm) Belt Width; not representative of the load-carrying capacity of the belt

No. of Grooves	Pitch Length	
	Inch	mm
116	43.500	1104.9
117	43.875	1114.43
119	44.625	1133.48
120	45.000	1143
123	46.125	1171.58
124	46.500	1181.1
*126	47.250	1200.15
128	48.000	1219.2
136	51.000	1295.4
140	52.500	1333.5
144	54.000	1371.6
146	54.750	1390.65

No. of Grooves	Pitch Length	
	Inch	mm
151	56.625	1438.28
155	58.125	1476.38
160	60.000	1524
161	60.375	1533.53
165	61.875	1571.63
168	63.000	1600.2
174	65.250	1657.35
176	66.000	1676.4
186	69.750	1771.65
192	72.000	1828.8
194	72.750	1847.85
195	73.125	1857.38

No. of Grooves	Pitch Length	
	Inch	mm
208	78.000	1981.2
210	78.750	2000.25
215	80.625	2047.88
218	81.750	2076.45
228	85.500	2171.7
230	86.250	2190.75
235	88.125	2238.38
240	90.000	2286
244	91.500	2324.1
250	93.750	2381.25
252	94.500	2400.3
*590	221.250	5619.75

* Will be discontinued when present stock is depleted.

Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.

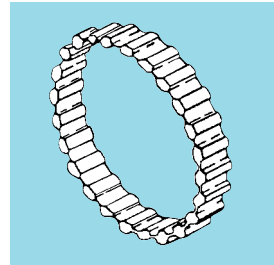
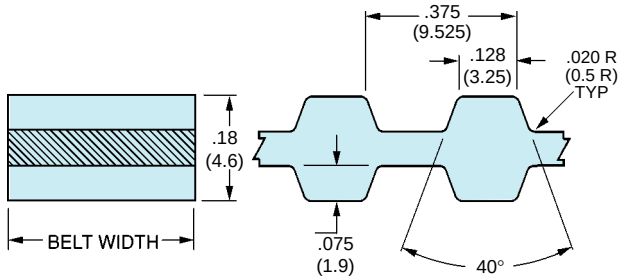


INCH/ METRIC

L Double-Sided Belts - 3/8" or 9.525 mm Pitch

■ NEOPRENE

■ 1/2 & 3/4 INCH (12.5 & 19 mm) WIDE



NOTE: Dimensions in () are mm size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 R 4-D ☐ ☐ ☐ ☐ ☐ ☐	050 075	1/2 3/4	A 6R 4-D076050 is a 76 Groove 1/2" Wide Belt.
	No. of Grooves (See tables below) Width Code (See right)			
METRIC	A 6 R 4MD ☐ ☐ ☐ ☐ ☐ ☐	125 190	12.5 mm 19 mm	A 6R 4MD076125 is a 76 Groove 12.5 mm Wide Belt.
	No. of Grooves (See tables below) Width Code (See right)			

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene

TEMPERATURE RANGE: -30°F to +185°F (-34°C to +85°C)

BREAKING STRENGTH: 125 lbs per 1/8" (175 N per 1 mm) Belth Width; not representative of the load-carrying capacity of the belt

No. of Grooves	Pitch Length	
	Inch	mm
33	12.375	314.33
40	15.000	381
50	18.750	476.25
*56	21.000	533.4
60	22.500	571.5
64	24.000	609.6
68	25.500	647.7
72	27.000	685.8
76	28.500	723.9
80	30.000	762
86	32.250	819.15
92	34.500	876.3

No. of Grooves	Pitch Length	
	Inch	mm
98	36.750	933.45
104	39.000	990.6
112	42.000	1066.8
120	45.000	1143
128	48.000	1219.2
136	51.000	1295.4
144	54.000	1371.6
160	60.000	1524
176	66.000	1676.4

* To be discontinued when present stock is depleted.

Special Widths – cut to size from sleeves available from stock.

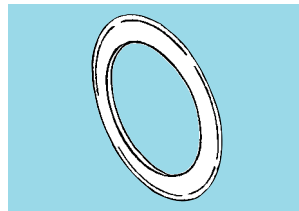
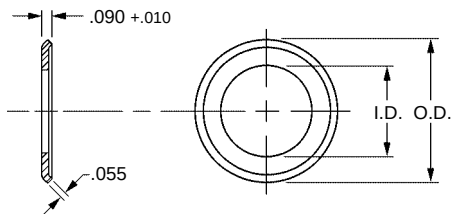
Pulleys are available with inch or metric standards.



INCH

Pulley Flanges For L 3/8 Pitch

■ ALUMINUM OR STEEL



MATERIAL: Aluminum Alloy or Steel

Priced Per 25 Pieces

Catalog Number		Pulley Grooves (Ref.)	I.D. $\pm .005$	O.D. $\pm 1/64$
Aluminum Alloy	Steel			
A 6A 4-10FA	A 6C 4-10FS	10	.976	1-7/16
A 6A 4-11FA	A 6C 4-11FS	11	1.101	1-17/32
A 6A 4-12FA	A 6C 4-12FS	12	1.226	1-21/32
A 6A 4-13FA	A 6C 4-13FS	13	1.276	1-25/32
A 6A 4-14FA	A 6C 4-14FS	14	1.401	1-29/32
A 6A 4-15FA	A 6C 4-15FS	15	1.521	2-1/32
A 6A 4-16FA	A 6C 4-16FS	16	1.578	2-1/8
A 6A 4-17FA	A 6C 4-17FS	17	1.701	2-1/4
A 6A 4-18FA	A 6C 4-18FS	18	1.824	2-3/8
A 6A 4-19FA	A 6C 4-19FS	19	1.910	2-1/2
A 6A 4-20FA	A 6C 4-20FS	20	2.035	2-5/8
A 6A 4-21FA	A 6C 4-21FS	21	2.120	2-3/4
A 6A 4-22FA	A 6C 4-22FS	22	2.241	2-7/8
A 6A 4-24FA	A 6C 4-24FS	24	2.375	3-3/32

Did You Know?

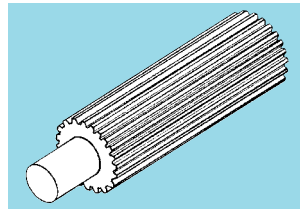
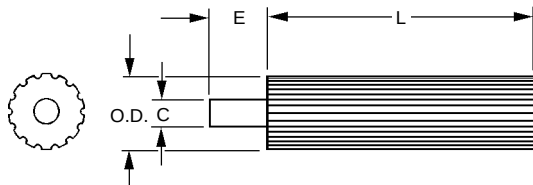
... That we have hundreds of couplings of various designs to fit almost any conceivable application to connect two shafts? Our engineers will assist you if you need to connect an inch size shaft to a metric shaft.



INCH

L Timing Pulley Stock - 3/8 Pitch

■ ALUMINUM OR STEEL



MATERIAL: Aluminum Alloy or Steel

Catalog Number		No. of Grooves	P.D.	O.D.*	C Shank Dia.	E Shank Length	L Minimum Usable Length
Aluminum	Steel						
A 6A 4-10L08	A 6C 4-10L08	10	1.194	1.164	3/4	1-1/8	8
A 6A 4-11L08	A 6C 4-11L08	11	1.313	1.283			8
A 6A 4-12L08	A 6C 4-12L08	12	1.432	1.402			12
A 6A 4-12L12	A 6C 4-12L12	13	1.552	1.522	8		
A 6A 4-13L08	A 6C 4-13L08	14	1.671	1.641	8		
A 6A 4-14L08	A 6C 4-14L08	15	1.790	1.760	12		
A 6A 4-14L12	A 6C 4-14L12	16	1.910	1.880	8		
A 6A 4-15L08	A 6C 4-15L08	17	2.029	1.999	12		
A 6A 4-15L12	A 6C 4-15L12	18	2.149	2.119	8		
A 6A 4-16L08	A 6C 4-16L08	19	2.268	2.238	12		
A 6A 4-16L12	A 6C 4-16L12	20	2.387	2.357	8		
A 6A 4-17L08	A 6C 4-17L08	21	2.507	2.477	12		
A 6A 4-18L08	A 6C 4-18L08	22	2.626	2.596	8		
A 6A 4-18L12	A 6C 4-18L12	23	2.745	2.715	12		
A 6A 4-19L08	A 6C 4-19L08	24	2.865	2.835	10		
A 6A 4-20L08	A 6C 4-20L08	26	3.104	3.074	8		
A 6A 4-20L12	A 6C 4-20L12	28	3.342	3.312	12		
A 6A 4-21L08	A 6C 4-21L08	29	3.462	3.432	10		
A 6A 4-21L12	A 6C 4-21L12	30	3.581	3.551	8		
A 6A 4-22L08	A 6C 4-22L08	32	3.820	3.790	12		
A 6A 4-22L12	A 6C 4-22L12	34	4.058	4.028	10		
A 6A 4-23L10	—	36	4.297	4.267	8		
A 6A 4-24L08	A 6C 4-24L08	38	4.536	4.506	12		
A 6A 4-24L12	A 6C 4-24L12	40	4.775	4.745	10		
A 6A 4-26L08	A 6C 4-26L08	42	5.013	4.983	8		
A 6A 4-28L08	A 6C 4-28L08	44	5.252	5.222	12		
A 6A 4-28L12	A 6C 4-28L12	48	5.730	5.700	10		
A 6A 4-29L10	—				1	10	
A 6A 4-30L08	A 6C 4-30L08					8	
A 6A 4-30L12	A 6C 4-30L12					12	
A 6A 4-32L08	A 6C 4-32L08					10	
A 6A 4-32L12	A 6C 4-32L12					8	
A 6A 4-34L10	—				12		
A 6A 4-36L08	A 6C 4-36L08				10		
A 6A 4-36L12	A 6C 4-36L12				8		
A 6A 4-38L10					12		
A 6A 4-40L10					10		
A 6A 4-42L10	—				8		
A 6A 4-44L10					12		
A 6A 4-48L10					10		

*O.D. Tolerance: From 10 to 17 grooves is +.003, -.000.
 From 18 to 32 grooves is +.004, -.000.
 From 34 to 48 grooves is +.005, -.000.

^ΔDimension in [] may be substituted at SDP option.

SDPSI

Stock Drive Products/Sterling Instrument

Phone: 516-328-3300

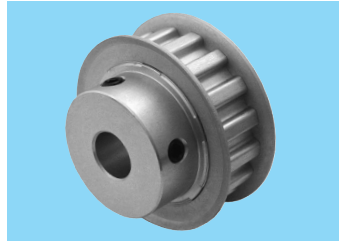
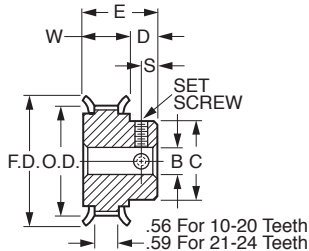
Fax: 516-326-8827

Inch Inch Inch Inch Inch Inch Inch Inch Inch

L Timing Belt Pulleys - 3/8 Pitch

■ ALUMINUM

■ DOUBLE FLANGE

**MATERIAL:** Aluminum Alloy**FINISH:** Clear Anodized**FOR 1/2" BELTS**

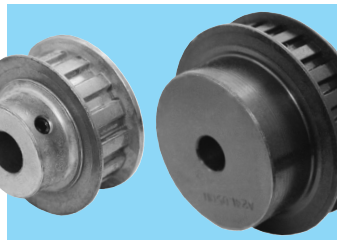
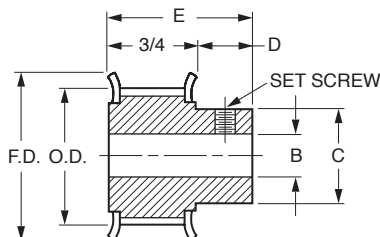
Catalog Number	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 -.000	W Body	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A 4-10DF05012	10	1.194	1.164	1-7/16	.375	23/32	1-1/8	7/8	13/32	13/64	#10-32
A 6A 4-10DF05016					.500						1/4-20
A 6A 4-11DF05012	11	1.313	1.283	1-17/32	.375	23/32	1-1/8	1	13/32	13/64	#10-32
A 6A 4-11DF05016					.500						1/4-20
A 6A 4-12DF05012	12	1.432	1.402	1-21/32	.375	23/32	1-3/16	1-1/8	15/32	15/64	#10-32
A 6A 4-12DF05016					.500						1/4-20
A 6A 4-13DF05012	13	1.552	1.522	1-25/32	.375	23/32	1-3/16	1-1/8	15/32	15/64	#10-32
A 6A 4-13DF05016					.500						1/4-20
A 6A 4-14DF05012	14	1.671	1.641	1-29/32	.375	23/32	1-3/16	1-1/4	15/32	15/64	#10-32
A 6A 4-14DF05016					.500						1/4-20
A 6A 4-15DF05012	15	1.790	1.760	2-1/32	.375	23/32	1-1/4	1-3/8	17/32	17/64	#10-32
A 6A 4-15DF05016					.500						1/4-20
A 6A 4-16DF05016	16	1.910	1.880	2-1/8	.500	23/32	1-1/4	1-3/8	17/32	17/64	1/4-20
A 6A 4-16DF05020					.625						
A 6A 4-17DF05016	17	2.029	1.999	2-1/4	.500	23/32	1-1/4	1-1/2	17/32	17/64	1/4-20
A 6A 4-17DF05020					.625						
A 6A 4-18DF05016	18	2.149	2.119	2-3/8	.500	23/32	1-1/4	1-5/8	17/32	17/64	1/4-20
A 6A 4-18DF05020					.625						
A 6A 4-19DF05016	19	2.268	2.238	2-1/2	.500	23/32	1-5/16	1-11/16	19/32	19/64	1/4-20
A 6A 4-19DF05020					.625						
A 6A 4-20DF05016	20	2.387	2.357	2-5/8	.500	23/32	1-5/16	1-13/16	19/32	19/64	1/4-20
A 6A 4-20DF05020					.625						
A 6A 4-21DF05016	21	2.507	2.477	2-3/4	.500	3/4	1-3/8	2	5/8	5/16	1/4-20
A 6A 4-21DF05020					.625						
A 6A 4-22DF05016	22	2.626	2.596	2-7/8	.500	3/4	1-3/8	2-1/8	5/8	5/16	1/4-20
A 6A 4-22DF05020					.625						
A 6A 4-24DF05016	24	2.865	2.835	3-3/32	.500	3/4	1-3/8	2-1/4	5/8	5/16	1/4-20
A 6A 4-24DF05020					.625						

NOTE: Pulleys supplied with 2 set screws at 90°.*O.D. Tolerance: 10 to 17 grooves is +.003, -.000
18 to 24 grooves is +.004, -.000

L Timing Belt Pulleys - 3/8" Pitch

■ STEEL

■ DOUBLE FLANGE



FOR 1/2" BELTS

MATERIAL: Steel

Catalog Number ^Δ	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	E Length	C Hub Dia.	D Hub Proj.	Set Screw
MINIMUM BORE TYPE									
A 6C 4-10DFB5012	10	1.194	1.164	1-7/16	.375	1-1/4	13/16	1/2	1/4-20
A 6C 4-12DFB5012	12	1.432	1.402	1-11/16	.500	1-1/4	1	1/2	1/4-20
A 6C 4-12DFB5016	12	1.432	1.402	1-11/16	.500	1-1/4	1	1/2	1/4-20
A 6C 4-13DFB5012	13	1.552	1.522	1-13/16	.375	1-1/4	1-1/8	1/2	1/4-20
A 6C 4-14DFB5012	14	1.671	1.641	1-15/16	.500	1-1/4	1-1/8	1/2	1/4-20
A 6C 4-14DFB5016	14	1.671	1.641	1-15/16	.500	1-1/4	1-1/8	1/2	1/4-20
A 6C 4-15DFB5016	15	1.790	1.760	2-1/16	.500	1-1/4	1-11/32	1/2	1/4-20

MATERIAL: Steel

FINISH: Black Oxide

STANDARD TYPE									
A 6F 4-14DF050	14	1.671	1.641	1-15/16	.375	1-1/4	1-1/8	1/2	#10-24
A 6F 4-16DF050	16	1.910	1.880	2-3/16	.375	1-3/8	1-7/16	5/8	1/4-20
A 6F 4-17DF050	17	2.029	1.999	2-9/32	.375	1-3/8	1-1/2	5/8	*
A 6F 4-18DF050	18	2.149	2.119	2-3/8	.375	1-3/8	1-9/16	5/8	
A 6F 4-19DF050	19	2.268	2.238	2-1/2	.375	1-3/8	1-5/8	5/8	
A 6F 4-20DF050	20	2.387	2.357	2-5/8	.375	1-3/8	1-11/16	5/8	
A 6F 4-21DF050	21	2.507	2.477	2-47/64	.375	1-7/16	1-7/8	11/16	
A 6F 4-22DF050	22	2.626	2.596	2-7/8	.500	1-7/16	2	11/16	
A 6F 4-24DF050	24	2.865	2.835	3-1/8	.500	1-1/2	2-1/4	3/4	
A 6F 4-26DF050	26	3.104	3.074	3-3/8	.500	1-1/2	2-1/4	3/4	
A 6F 4-28DF050	28	3.342	3.312	3-9/16	.500	1-1/2	2-1/4	3/4	
A 6F 4-30DF050	30	3.581	3.551	3-13/16	.500	1-1/2	2-1/4	3/4	
A 6F 4-32DF050	32	3.820	3.790	4-1/16	.500	1-5/8	2-9/16	7/8	

*Pulleys without tapped holes.

^ΔTo be discontinued when present stock is depleted.



INCH

L Timing Belt Pulleys - 3/8 Pitch

■ MOLDED WITH METAL INSERT

■ FOR 1/2" WIDE BELTS

■ SINGLE OR DOUBLE FLANGE

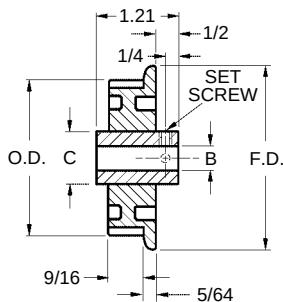


Fig. 1

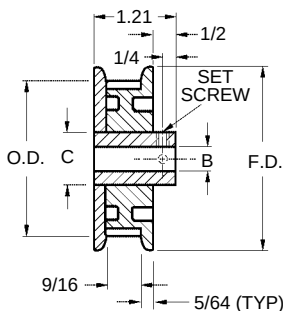
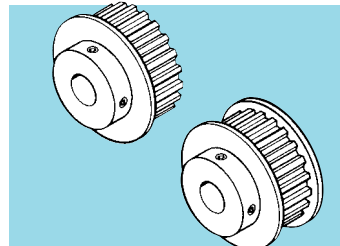


Fig. 2



MATERIAL: Polycarbonate, Fiberglass Reinforced

INSERT: Aluminum Knurled

Catalog Number		No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	C Hub Dia.	Set Screw
Fig. 1 Single Flange	Fig. 2 Double Flange							
A 6Z 4-10SF05012	A 6Z 4-10DF05012	10	1.194	1.164	1.44	.375 .500	7/8	#10-32
A 6Z 4-10SF05016	A 6Z 4-10DF05016							
A 6Z 4-12SF05012	A 6Z 4-12DF05012	12	1.432	1.402	1.69	.375 .500	1-1/8	1/4-28
A 6Z 4-12SF05016	A 6Z 4-12DF05016							
A 6Z 4-16SF05016	A 6Z 4-16DF05016	16	1.910	1.880	2.12	.500 .625		
A 6Z 4-16SF05020	A 6Z 4-16DF05020							
A 6Z 4-18SF05016	A 6Z 4-18DF05016	18	2.149	2.119	2.37	.500 .625		
A 6Z 4-18SF05020	A 6Z 4-18DF05020							
A 6Z 4-20SF05016	A 6Z 4-20DF05016	20	2.387	2.357	2.62	.500 .625		
A 6Z 4-20SF05020	A 6Z 4-20DF05020							
A 6Z 4-24SF05016	A 6Z 4-24DF05016	24	2.865	2.835	3.12	.500 .625		
A 6Z 4-24SF05020	A 6Z 4-24DF05020							
A 6Z 4-36SF05016	A 6Z 4-36DF05016	36	4.297	4.267	4.53	.500 .625		
A 6Z 4-36SF05020	A 6Z 4-36DF05020							
A 6Z 4-40SF05016	A 6Z 4-40DF05016	40	4.775	4.745	5.00	.500 .625		
A 6Z 4-40SF05020	A 6Z 4-40DF05020							

NOTE: Pulleys with 10 to 16 grooves do not have webs.
All pulleys have 2 set screws at 90°.



INCH

L Timing Belt Pulleys - 3/8 Pitch

■ MOLDED WITH METAL INSERT

■ FOR 3/4" WIDE BELTS

■ SINGLE OR DOUBLE FLANGE

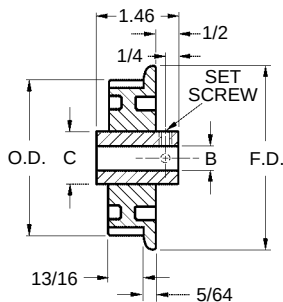


Fig. 1

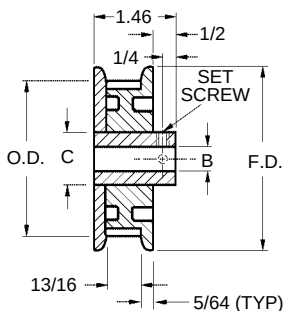
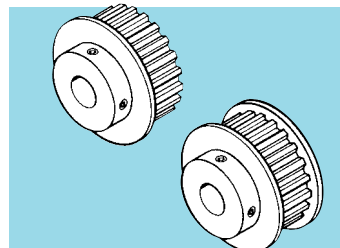


Fig. 2



MATERIAL: Polycarbonate, Fiberglass Reinforced
INSERT: Aluminum Knurled

Catalog Number		No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	C Hub Dia.	Set Screw
Fig. 1 Single Flange	Fig. 2 Double Flange							
A 6Z 4-10SF07512	A 6Z 4-10DF07512	10	1.194	1.164	1.44	.375	7/8	#10-32
A 6Z 4-10SF07516	A 6Z 4-10DF07516					.500		
A 6Z 4-12SF07512	A 6Z 4-12DF07512	12	1.432	1.402	1.69	.375		
A 6Z 4-12SF07516	A 6Z 4-12DF07516					.500		
A 6Z 4-16SF07516	A 6Z 4-16DF07516	16	1.910	1.880	2.12	.500	1-1/8	1/4-28
A 6Z 4-16SF07520	A 6Z 4-16DF07520					.625		
A 6Z 4-18SF07516	A 6Z 4-18DF07516	18	2.149	2.119	2.37	.500		
A 6Z 4-18SF07520	A 6Z 4-18DF07520					.625		
A 6Z 4-20SF07516	A 6Z 4-20DF07516	20	2.387	2.357	2.62	.500		
A 6Z 4-20SF07520	A 6Z 4-20DF07520					.625		
A 6Z 4-24SF07516	A 6Z 4-24DF07516	24	2.865	2.835	3.12	.500		
A 6Z 4-24SF07520	A 6Z 4-24DF07520					.625		
A 6Z 4-36SF07516	A 6Z 4-36DF07516	36	4.297	4.267	4.53	.500		
A 6Z 4-36SF07520	A 6Z 4-36DF07520					.625		
A 6Z 4-40SF07516	A 6Z 4-40DF07516	40	4.775	4.745	5.00	.500		
A 6Z 4-40SF07520	A 6Z 4-40DF07520					.625		

NOTE: Pulleys with 10 to 16 grooves do not have webs.
All Pulleys have 2 set screws at 90°.

Did You Know?

... That SUPER-PLAST® plastic gears reinforced with metal inserts are available from stock exclusively from SDP?

L Timing Belt Pulleys - 3/8 Pitch

Phone: 516-328-3300 Fax: 516-326-8827

■ MOLDED WITH INSERT

■ SINGLE FLANGE

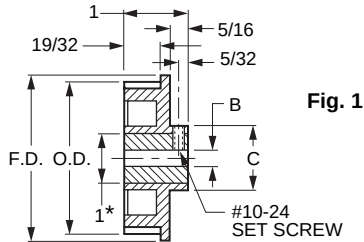


Fig. 1

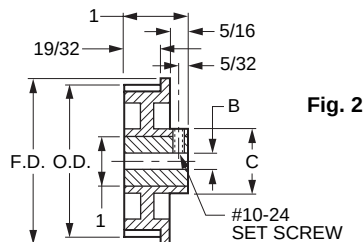
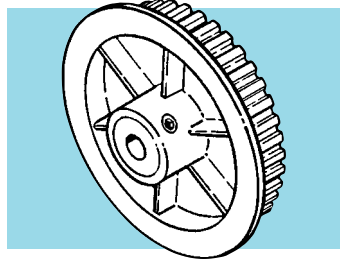


Fig. 2

FOR 1/2" BELTS

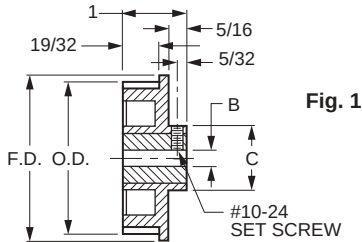
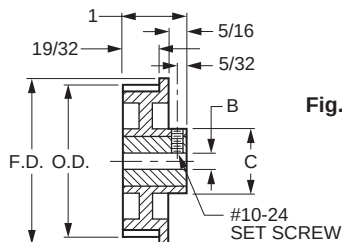
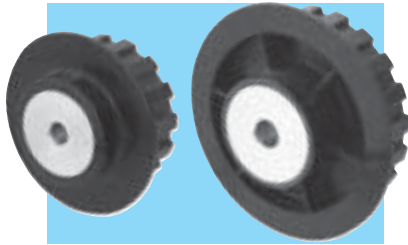
MATERIAL: Pulley – Nylon – Black, Fiberglass Reinforced
 Insert – Aluminum, Knurled

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	C Hub Dia.	
* A 6E 4-10SF05008	1	10	1.194	1.164	1.49	.2505	7/8	
* A 6E 4-11SF05008		11	1.313	1.283	1.63			
Δ A 6E 4-12SF05008		12	1.432	1.402	1.75			
** A 6E 4-13SF05008		13	1.552	1.522	1.79		1	
A 6E 4-14SF05008		14	1.671	1.641	2.00		1-1/4	
A 6E 4-15SF05008		15	1.790	1.760	2.12			
A 6E 4-16SF05008		16	1.910	1.880	2.22			
A 6E 4-17SF05010	1	17	2.029	1.999	2.34	.313	1-1/4	
A 6E 4-18SF05010	2	18	2.149	2.119	2.47	.313	1-1/4	
A 6E 4-20SF05010		20	2.387	2.357	2.74			
A 6E 4-21SF05010		21	2.507	2.477	2.85			
A 6E 4-22SF05010		22	2.626	2.596	2.95			
A 6E 4-24SF05010		24	2.865	2.835	3.15			
A 6E 4-28SF05012		28	3.342	3.312	3.55			.3755
A 6E 4-30SF05012		30	3.581	3.551	3.78			
A 6E 4-32SF05012	32	3.820	3.790	4.05				

*10T & 11T pulleys have a 3/4 O.D. insert.

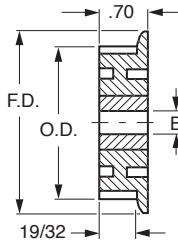
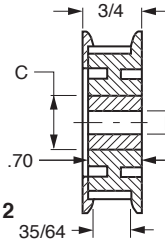
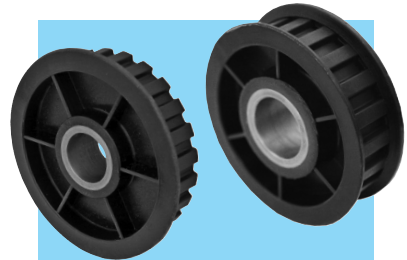
Δ12T pulley has 3/4 O.D. insert at tooth end.

**13T pulley has a 7/8 O.D. insert at tooth end.

■ MOLDED WITH INSERT
■ SINGLE FLANGE

Fig. 1

Fig. 2
FOR 1/2" BELTS

MATERIAL: Pulley – Nylon – Black, Fiberglass Reinforced
Insert – Aluminum, Knurled

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	C Hub Dia.
A 6E 4-10SF05008	1	10	1.194	1.164	1.49	.2505	7/8
A 6E 4-11SF05008		11	1.313	1.283	1.63		
A 6E 4-12SF05008		12	1.432	1.402	1.75		
A 6E 4-13SF05008		13	1.552	1.522	1.79		1
A 6E 4-14SF05008		14	1.671	1.641	2.00		1-1/4
A 6E 4-15SF05008		15	1.790	1.760	2.12		
A 6E 4-16SF05008	1	16	1.910	1.880	2.22	.313	1-1/4
A 6E 4-17SF05010		17	2.029	1.999	2.34		
A 6E 4-18SF05010	2	18	2.149	2.119	2.47	.313	1-1/4
A 6E 4-20SF05010		20	2.387	2.357	2.74		
A 6E 4-21SF05010		21	2.507	2.477	2.85		
A 6E 4-22SF05010		22	2.626	2.596	2.95		
A 6E 4-24SF05010		24	2.865	2.835	3.15		
A 6E 4-28SF05012		28	3.342	3.312	3.55	.3755	
A 6E 4-30SF05012	30	3.581	3.551	3.78			
A 6E 4-32SF05012	32	3.820	3.790	4.05			

■ MOLDED WITH METAL INSERT
■ SINGLE OR DOUBLE FLANGE

Fig. 1

Fig. 2


MATERIAL: Pulley - Nylon - Black, Fiberglass Reinforced
Insert - Steel, Overmolded

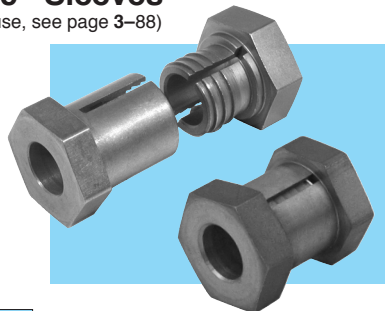
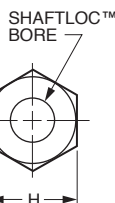
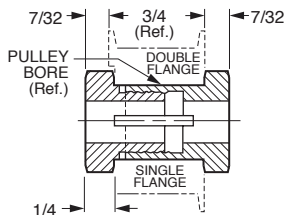
FOR 1/2" BELTS

Catalog Number		No. of Grooves	P.D.	O.D.	F.D.	B +.002 -.000	C
Single Flange – Fig. 1	Double Flange – Fig. 2						
A 6T 4-H10SF5020	A 6T 4-H10DF5020	10	1.194	1.164	1.49	.625	3/4
A 6T 4-H11SF5020	A 6T 4-H11DF5020	11	1.313	1.283	1.63		
A 6T 4-H12SF5020	A 6T 4-H12DF5020	12	1.432	1.402	1.75		
A 6T 4-H13SF5024	A 6T 4-H13DF5024	13	1.552	1.552	1.79	.750	1
A 6T 4-H14SF5024	A 6T 4-H14DF5024	14	1.671	1.641	2.00		
A 6T 4-H15SF5024	A 6T 4-H15DF5024	15	1.790	1.760	2.12		
A 6T 4-H16SF5024	A 6T 4-H16DF5024	16	1.910	1.880	2.22		
A 6T 4-H17SF5024	A 6T 4-H17DF5024	17	2.029	1.999	2.34		
A 6T 4-H18SF5024	A 6T 4-H18DF5024	18	2.149	2.119	2.47		
A 6T 4-H19SF5024	A 6T 4-H19DF5024	19	2.268	2.238	2.57		
A 6T 4-H20SF5024	A 6T 4-H20DF5024	20	2.387	2.357	2.74		
A 6T 4-H21SF5024	A 6T 4-H21DF5024	21	2.507	2.477	2.85		
A 6T 4-H22SF5024	A 6T 4-H22DF5024	22	2.626	2.596	2.95		
A 6T 4-H24SF5024	A 6T 4-H24DF5024	24	2.865	2.835	3.15		
A 6T 4-H28SF5024	A 6T 4-H28DF5024	28	3.342	3.312	3.55		
A 6T 4-H30SF5024	A 6T 4-H30DF5024	30	3.581	3.551	3.78		
A 6T 4-H32SF5024	A 6T 4-H32DF5024	32	3.820	3.790	4.05		

NOTE: Pulleys with 10 to 12 grooves do not have webs.

Applicable Shaftloc™ Sleeves

(For Shaftloc™ Introduction and use, see page 3–88)



MATERIAL: 416 Stainless Steel

SLEEVES Catalog Number	Pulley Bore (Ref.)	Shaftloc Bore +.001, -.000	H Hex Size	Max. ^Δ Torque Capacity lb.in.
A 7Z37-030578	.625	.375	3/4	250
A 7Z37-040670	.750	.500	7/8	

^ΔBased on mating components being degreased before assembly with Shaftloc® coupling.



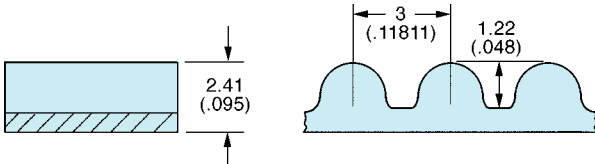
INCH/ METRIC

HTD® Timing Belts - 3 mm Pitch

■ **TRUE METRIC®** PROFILE

■ **NEOPRENE**

■ **6 & 9 mm WIDE**



NOTE: Dimensions in () are inch size



CATALOG NUMBER DESIGNATION:

A 6 R 2 3 M

No. of Grooves
(See tables below)

Width Code
(See right)

Width Code	Belt Width	Equivalent Inch Width
060	6 mm	.236
090	9 mm	.354

Example: A 6R23M088060 is an 88 Groove 6 mm Wide Belt.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene

BREAKING STRENGTH: 158 N per 1 mm (113 lbs. per 1/8") Belt Width; not representative of the load-carrying capacity of the belt

WORKING TENSION: 285 N for 25.4 mm belt (64 lbs. for 1" belt). For more on Working Tension, see the Technical Info page at the beginning of **Section 2**

TEMPERATURE RANGE: -34°C to +85°C (-30°F to +185°F)

No. of Grooves	Pitch Length	
	mm	Inch
29	87	3.425
34	102	4.016
35	105	4.134
37	111	4.370
40	120	4.724
41	123	4.843
42	126	4.961
43	129	5.079
47	141	5.551
48	144	5.669
49	147	5.787
50	150	5.906
52	156	6.142
53	159	6.260
55	165	6.496
56	168	6.614
58	174	6.850
59	177	6.968
60	180	7.087
61	183	7.205
62	186	7.323
63	189	7.441
64	192	7.559
65	195	7.677
67	201	7.913
68	204	8.031
69	207	8.150
70	210	8.268
71	213	8.386
72	216	8.504

No. of Grooves	Pitch Length	
	mm	Inch
73	219	8.622
74	222	8.740
75	225	8.858
76	228	8.976
78	234	9.213
79	237	9.331
80	240	9.449
81	243	9.567
82	246	9.685
83	249	9.803
84	252	9.921
85	255	10.039
86	258	10.157
87	261	10.276
88	264	10.394
89	267	10.512
90	270	10.630
92	276	10.866
94	282	11.102
95	285	11.220
96	288	11.339
97	291	11.457
98	294	11.575
99	297	11.693
100	300	11.811
102	306	12.047
104	312	12.283
105	315	12.402
106	318	12.520
108	324	12.756

No. of Grooves	Pitch Length	
	mm	Inch
110	330	12.992
111	333	13.110
112	336	13.228
113	339	13.346
115	345	13.583
119	357	14.055
120	360	14.173
121	363	14.291
122	366	14.409
123	369	14.528
124	372	14.646
127	381	15.000
128	384	15.118
130	390	15.354
132	396	15.591
133	399	15.709
135	405	15.945
137	411	16.181
139	417	16.417
140	420	16.535
142	426	16.772
144	432	17.008
145	435	17.126
146	438	17.244
148	444	17.480
149	447	17.598
153	459	18.071
154	462	18.189
155	465	18.307
156	468	18.425

Special Widths - cut to size from sleeves available from stock.
Pulleys are available with metric or inch standards.

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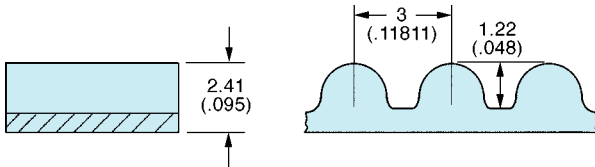
INCH/ METRIC

HTD® Timing Belts - 3 mm Pitch

■ **TRUE METRIC®** PROFILE

■ **NEOPRENE**

■ **6 & 9 mm WIDE**



NOTE: Dimensions in () are inch size



CATALOG NUMBER DESIGNATION:

A 6 R 2 3 M

No. of Grooves
(See tables below)

Width Code
(See right)

Width Code	Belt Width	Equivalent Inch Width
060	6 mm	.236
090	9 mm	.354

Example: A 6R23M186060 is a 186 Groove 6 mm Wide Belt.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene

BREAKING STRENGTH: 158 N per 1 mm (113 lbs. per 1/8") Belt Width; not representative of the load-carrying capacity of the belt

WORKING TENSION: 285 N for 25.4 mm belt (64 lbs. for 1" belt). For more on Working Tension, see the Technical Info page at the beginning of **Section 2**

TEMPERATURE RANGE: -34°C to +85°C (-30°F to +185°F)

No. of Grooves	Pitch Length	
	mm	Inch
157	471	18.543
158	474	18.661
159	477	18.779
160	480	18.898
162	486	19.134
163	489	19.252
164	492	19.370
167	501	19.724
168	504	19.843
170	510	20.079
171	513	20.197
173	519	20.433
174	522	20.551
175	525	20.669
176	528	20.787
177	531	20.905
179	537	21.142
184	552	21.732
186	558	21.968
188	564	22.205
190	570	22.441
191	573	22.559
192	576	22.677
194	582	22.913
195	585	23.031
197	591	23.268
198	594	23.386
199	597	23.504
200	600	23.622
202	606	23.858

No. of Grooves	Pitch Length	
	mm	Inch
203	609	23.976
204	612	24.094
209	627	24.685
211	633	24.921
213	639	25.157
215	645	25.394
216	648	25.512
218	654	25.748
219	657	25.866
221	663	26.102
223	669	26.339
224	672	26.457
227	681	26.811
228	684	26.929
229	687	27.047
232	696	27.402
236	708	27.874
237	711	27.992
240	720	28.346
245	735	28.937
246	738	29.055
250	750	29.528
251	753	29.646
265	795	31.299
268	804	31.653
274	822	32.362
279	837	32.953
281	843	33.189
291	873	34.370
294	882	34.724

No. of Grooves	Pitch Length	
	mm	Inch
297	891	35.079
300	900	35.433
305	915	36.024
315	945	37.205
327	981	38.622
334	1002	39.449
342	1026	40.394
345	1035	40.748
347	1041	40.984
352	1056	41.575
354	1062	41.811
356	1068	42.047
357	1071	42.165
360	1080	42.520
375	1125	44.291
385	1155	45.472
397	1191	46.890
415	1245	49.016
421	1263	49.724
500	1500	59.055
504	1512	59.527
510	1530	60.236
523	1569	61.772
529	1587	62.480
600	1800	70.866
621	1863	73.346
642	1926	75.827
652	1956	77.008
668	2004	78.897

Special Widths - cut to size from sleeves available from stock.

Pulleys are available with metric or inch standards.



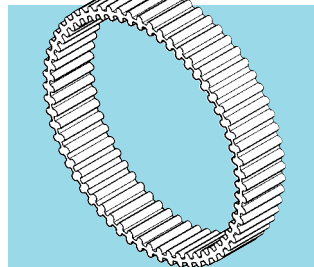
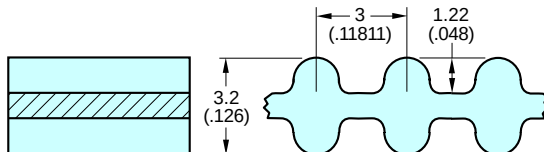
INCH/ METRIC

HTD® Double-Sided Timing Belts - 3 mm Pitch

■ TRUE METRIC® PROFILE

■ NEOPRENE

■ 6 & 9 mm WIDE



NOTE: Dimensions in () are inch size.

CATALOG NUMBER DESIGNATION:

A 6 R 2 3 MD

No. of Grooves
(See tables below)

Width Code
(See right)

Width Code	Belt Width	Equivalent Inch Width
060	6 mm	.236
090	9 mm	.354

Example: A 6R23MD188060 is a 188 Groove 6 mm Wide Belt.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene

BREAKING STRENGTH: 158 N per 1 mm (113 lbs. per 1/8") Belt Width; not representative of the load-carrying capacity of the belt.

WORKING TENSION: 285 N for 25.4 mm belt (64 lbs. for 1" belt). For more on Working Tension, see the technical information pages at the beginning of **Section 2**

TEMPERATURE RANGE: -34°C to +85°C (-30°F to +185°F)

No. of Grooves	Pitch Length	
	mm	Inch
132	396	15.591
133	399	15.709
135	405	15.945
137	411	16.181
140	420	16.535
142	426	16.772
144	432	17.008
145	435	17.126
149	447	17.598
155	465	18.307
156	468	18.425
157	471	18.543
158	474	18.661
160	480	18.898
162	486	19.134
163	489	19.252

No. of Grooves	Pitch Length	
	mm	Inch
164	492	19.370
167	501	19.724
168	504	19.843
170	510	20.079
171	513	20.197
175	525	20.669
176	528	20.787
177	531	20.905
179	537	21.142
184	552	21.732
186	558	21.968
188	564	22.205
190	570	22.441
192	576	22.677
195	585	23.031
197	591	23.268

No. of Grooves	Pitch Length	
	mm	Inch
199	597	23.504
200	600	23.622
202	606	23.858
203	609	23.976
204	612	24.094
209	627	24.685
211	633	24.921
213	639	25.157
215	645	25.394
216	648	25.512
219	657	25.866
221	663	26.102
223	669	26.339
228	684	26.929
229	687	27.047

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Special Widths - cut to size from sleeves available from stock.

Pulleys are available with metric or inch standards.



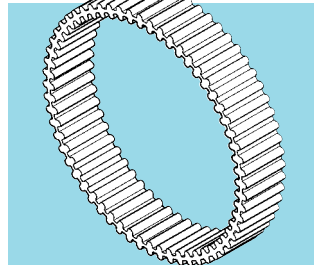
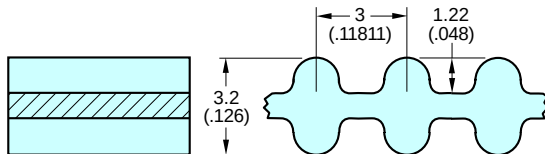
INCH/ METRIC

HTD® Double-Sided Timing Belts - 3 mm Pitch

■ TRUE METRIC® PROFILE

■ NEOPRENE

■ 6 & 9 mm WIDE



NOTE: Dimensions in () are inch size.

CATALOG NUMBER DESIGNATION:

A 6 R 2 3 M D

No. of Grooves
(See tables below)

Width Code
(See right)

Width Code	Belt Width	Equivalent Inch Width
060	6 mm	.236
090	9 mm	.354

Example: A 6R23MD265060 is a 265 Groove 6 mm Wide Belt.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene

BREAKING STRENGTH: 158 N per 1 mm (113 lbs. per 1/8") Belt Width; not representative of the load-carrying capacity of the belt.

WORKING TENSION: 285 N for 25.4 mm belt (64 lbs. for 1" belt). For more on Working Tension, see the technical information pages at the beginning of **Section 2**

TEMPERATURE RANGE: -34°C to +85°C (-30°F to +185°F)

No. of Grooves	Pitch Length	
	mm	Inch
232	696	27.402
236	708	27.874
237	711	27.992
245	735	28.937
246	738	29.055
250	750	29.528
251	753	29.646
265	795	31.299
274	822	32.362
279	837	32.953
281	843	33.189
291	873	34.370

No. of Grooves	Pitch Length	
	mm	Inch
294	882	34.724
297	891	35.079
300	900	35.433
305	915	36.024
315	945	37.205
327	981	38.622
334	1002	39.449
342	1026	40.394
345	1035	40.748
347	1041	40.984
352	1056	41.575
354	1062	41.811

No. of Grooves	Pitch Length	
	mm	Inch
356	1068	42.047
375	1125	44.291
385	1155	45.472
397	1191	46.890
421	1263	49.724
500	1500	59.055
504	1512	59.527
523	1569	61.772
529	1587	62.480
600	1800	70.866
652	1956	77.008
668	2004	78.897

Special Widths - cut to size from sleeves available from stock.

Pulleys are available with metric or inch standards.

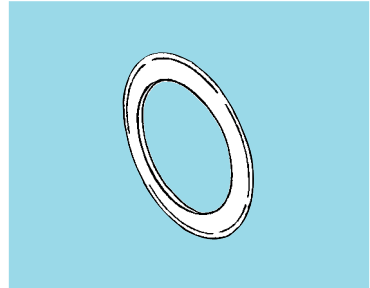
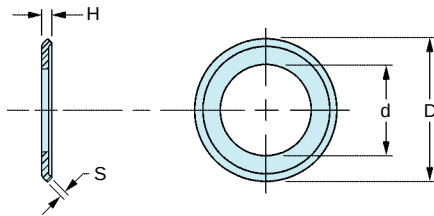


INCH/ METRIC

Pulley Flanges For HTD® 3 mm Pitch

■ FOR **TRUE METRIC®** PROFILE

■ ALUMINUM OR STEEL



MATERIAL: Aluminum or Steel

Priced Per 25 Pieces

Catalog Number		Pulley Grooves (Ref.)	Metric		Inch		H Width ± 0.25 (±.010)	S Thickness
Aluminum	Steel		d ± 0.08	D ± 0.4	d ± .003	D ± 1/64		
A 6A22M010FA	A 6C22M010FS	10	6.2	12.8	.244	.505	1.14 (.045)	0.64 (.025)
A 6A22M011FA	A 6C22M011FS	11	6.86	13.5	.270	.530		
A 6A22M012FA	A 6C22M012FS	12	8.18	14.7	.322	.580		
A 6A22M013FA	A 6C22M013FS	13	8.89	15.5	.350	.610		
A 6A22M014FA	A 6C22M014FS	14	9.5	16.1	.374	.635		
A 6A22M015FA	A 6C22M015FS	15	10.82	17.4	.426	.685	1.32 (.052)	0.81 (.032)
A 6A22M016FA	A 6C22M016FS	16	11.48	18	.452	.710		
A 6A22M017FA	A 6C22M017FS	17	11.48	18.8	.452	.740		
A 6A22M018FA	A 6C22M018FS	18	12.8	20	.504	.790		
A 6A22M019FA	A 6C22M019FS	19	13.46	20.7	.530	.815		
A 6A22M020FA	A 6C22M020FS	20	14.58	22.7	.574	.895		
A 6A22M022FA	A 6C22M022FS	22	15.9	24	.626	.945		
A 6A22M024FA	A 6C22M024FS	24	17.88	26	.704	1.025		
A 6A22M025FA	A 6C22M025FS	25	18.75	26.9	.738	1.060		
A 6A22M026FA	A 6C22M026FS	26	19.66	28.1	.774	1.105		
A 6A22M028FA	A 6C22M028FS	28	21.56	29.8	.849	1.173	1.52 (.060)	1.02 (.040)
A 6A22M030FA	A 6C22M030FS	30	23.47	31.8	.924	1.250		
A 6A22M032FA	A 6C22M032FS	32	25.38	33.6	.999	1.323		
A 6A22M034FA	A 6C22M034FS	34	27.28	35.5	1.074	1.398		
A 6A22M036FA	A 6C22M036FS	36	29.18	37.4	1.149	1.473		
A 6A22M038FA	A 6C22M038FS	38	31.12	39.4	1.225	1.549		
A 6A22M040FA	A 6C22M040FS	40	33.02	41.3	1.300	1.625		
A 6A22M044FA	A 6C22M044FS	44	36.83	45.1	1.450	1.775		

NOTE: Dimensions in () are inch size.

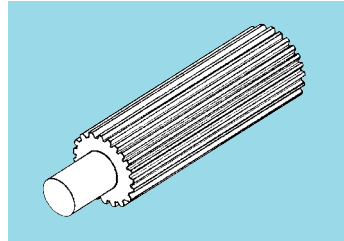
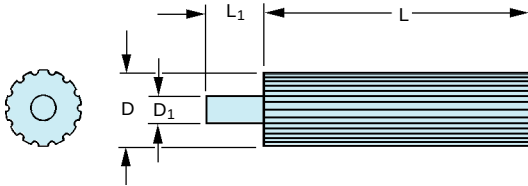


INCH/ METRIC

HTD® Timing Pulley Stock - 3 mm Pitch

■ **TRUE METRIC®** PROFILE

■ **ALUMINUM**



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Metric		Inch		D ₁ ** Shank Dia.	L ₁ Shank Length (Ref.)	L Min. Usable Length
		P.D.	D*	P.D.	D*			
A 6A22M009TM08	9	8.6	7.83	.338	.308	4.7 (3/16)	25 (1)	75 (3)
A 6A22M010TM08	10	9.5	8.79	.376	.346	6.3 (1/4)		
A 6A22M011TM08	11	10.5	9.74	.414	.384			
A 6A22M012TM10	12	11.5	10.7	.451	.421	7.9 (5/16)	22 (7/8)	100 (4)
A 6A22M013TM10	13	12.4	11.65	.489	.459			
A 6A22M014TM10	14	13.4	12.61	.526	.496	9.5 (3/8)		
A 6A22M015TM10	15	14.3	13.56	.564	.534			
A 6A22M016TM13	16	15.3	14.52	.602	.572	12.7 (1/2)	25 (1) [19 (3/4)] ^Δ	125 (5)
A 6A22M017TM13	17	16.2	15.47	.639	.609			
A 6A22M018TM13	18	17.2	16.43	.677	.647			
A 6A22M019TM13	19	18.1	17.38	.714	.684			
A 6A22M020TM15	20	19.1	18.34	.752	.722			
A 6A22M021TM15	21	20.1	19.29	.790	.760			
A 6A22M022TM15	22	21	20.25	.827	.797			
A 6A22M023TM15	23	22	21.2	.865	.835			
A 6A22M024TM15	24	22.9	22.16	.902	.872			
A 6A22M025TM15	25	23.9	23.11	.940	.910			
A 6A22M026TM15	26	24.8	24.07	.977	.947			
A 6A22M027TM15	27	25.8	25.02	1.015	.985			
A 6A22M028TM15	28	26.7	25.98	1.053	1.023			
A 6A22M029TM15	29	27.7	26.93	1.090	1.060			
A 6A22M030TM18	30	28.6	27.89	1.128	1.098			
A 6A22M031TM18	31	29.6	28.84	1.165	1.135			
A 6A22M032TM18	32	30.6	29.8	1.203	1.173			
A 6A22M033TM18	33	31.5	30.75	1.241	1.211			
A 6A22M034TM18	34	32.5	31.71	1.278	1.248			
A 6A22M035TM18	35	33.4	32.66	1.316	1.286			

NOTE: Dimensions in () are inch size.

Continued on the next page

* D Tolerance: From 9 to 27 grooves is + 0.05 (+.002, -.000)
From 28 to 35 grooves is + 0.08 (+.003, -.000)

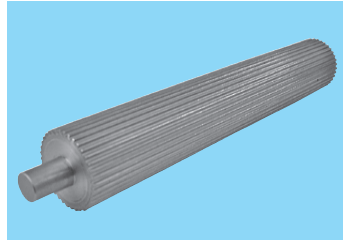
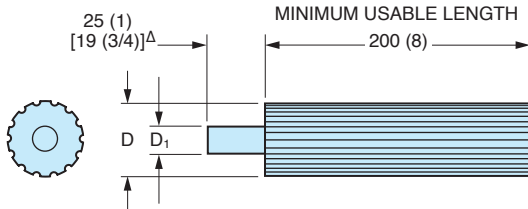
** Shank Diameter of 9.5 (3/8) for pulleys with 9 to 12 grooves may be substituted at S.D.P. option.
Shank Diameter of 11.1 (7/16) for pulleys with 13 & 14 grooves may be substituted at S.D.P. option.

Δ Dimension in [] may be substituted at SDP option.

SDP/SI	Inch/Metric	Inch/Metric	Inch/Metric	Inch/Metric	Inch/Metric
HTD® Timing Pulley Stock - 3 mm Pitch					
Stock Drive Products/Sterling Instrument		Phone: 516-328-3300		Fax: 516-326-8827	

■ **TRUE METRIC®** PROFILE

■ **ALUMINUM**



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Metric		Inch		D ₁ Shank Dia.
		P.D.	D*	P.D.	D*	
A 6A22M036TM20	36	34.4	33.62	1.353	1.323	12.7 (1/2)
A 6A22M037TM20	37	35.3	34.57	1.391	1.361	
A 6A22M038TM20	38	36.3	35.53	1.429	1.399	
A 6A22M039TM20	39	37.2	36.48	1.466	1.436	
A 6A22M040TM20	40	38.2	37.44	1.504	1.474	
A 6A22M042TM20	42	40.1	39.35	1.579	1.549	
A 6A22M044TM20	44	42	41.25	1.654	1.624	19.1 (3/4)
A 6A22M045TM20	45	43	42.21	1.692	1.662	
A 6A22M048TM20	48	45.8	45.07	1.805	1.775	
A 6A22M050TM20	50	47.7	46.98	1.880	1.850	
A 6A22M052TM20	52	49.7	48.89	1.955	1.925	
A 6A22M054TM20	54	51.6	50.8	2.030	2.000	
A 6A22M056TM20	56	53.5	52.71	2.105	2.075	
A 6A22M060TM20	60	57.3	56.53	2.256	2.226	
A 6A22M062TM20	62	59.2	58.44	2.331	2.301	
A 6A22M064TM20	64	61.1	60.35	2.406	2.376	
A 6A22M066TM20	66	63	62.26	2.481	2.451	25.4 (1)
A 6A22M068TM20	68	64.9	64.17	2.556	2.526	
A 6A22M070TM20	70	66.8	66.08	2.632	2.602	
A 6A22M072TM20	72	68.8	67.99	2.707	2.677	
A 6A22M075TM20	75	71.6	70.86	2.820	2.790	
A 6A22M080TM20	80	76.4	75.63	3.008	2.978	
A 6A22M090TM20	90	85.9	85.18	3.384	3.354	
A 6A22M100TM20	100	95.5	94.73	3.760	3.730	
A 6A22M110TM20	110	105	104.28	4.136	4.106	
A 6A22M120TM20	120	114.6	113.83	4.511	4.481	
A 6A22M130TM20	130	124.1	123.38	4.887	4.857	25.4 (1)
A 6A22M140TM20	140	133.7	132.93	5.263	5.233	
A 6A22M150TM20	150	143.2	142.48	5.639	5.609	
A 6A22M160TM20	160	152.8	152.03	6.015	5.985	

NOTE: Dimensions in () are inch size.

*D Tolerance: 36 to 52 grooves is + 0.08 (+.003, -.000)
54 to 100 grooves is + 0.10 (+.004, -.000)
110 to 160 grooves is + 0.13 (+.005, -.000)

Δ This dimension may be substituted at SDP option.

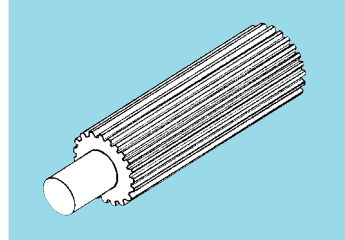
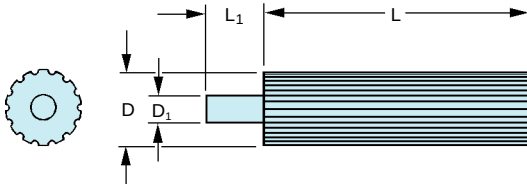


INCH/ METRIC

HTD® Timing Pulley Stock - 3 mm Pitch

■ TRUE METRIC® PROFILE

■ CARBON STEEL



MATERIAL: Carbon Steel

Catalog Number	No. of Grooves	Metric		Inch		D ₁ Shank Dia.	L ₁ Shank Length (Ref.)	L Minimum Usable Length
		P.D.	D*	P.D.	D*			
A 6C22M009TM08	9	8.6	7.83	.338	.308	9.5 (3/8)	25 (1)	75 (3)
A 6C22M010TM08	10	9.5	8.79	.376	.346			
A 6C22M011TM08	11	10.5	9.74	.414	.384			
A 6C22M012TM10	12	11.5	10.7	.451	.421	11.1 (7/16)	22 (7/8)	100 (4)
A 6C22M013TM10	13	12.4	11.65	.489	.459			
A 6C22M014TM10	14	13.4	12.61	.526	.496			
A 6C22M015TM10	15	14.3	13.56	.564	.534	12.7 (1/2)	25 (1) [19 (3/4)] ^Δ	125 (5)
A 6C22M016TM13	16	15.3	14.52	.602	.572			
A 6C22M017TM13	17	16.2	15.47	.639	.609			
A 6C22M018TM13	18	17.2	16.43	.677	.647			
A 6C22M019TM13	19	18.1	17.38	.714	.684			
A 6C22M020TM15	20	19.1	18.34	.752	.722			150 (6)
A 6C22M021TM15	21	20.1	19.29	.790	.760			
A 6C22M022TM15	22	21	20.25	.827	.797			
A 6C22M023TM15	23	22	21.2	.865	.835			
A 6C22M024TM15	24	22.9	22.16	.902	.872			
A 6C22M025TM15	25	23.9	23.11	.940	.910			
A 6C22M026TM15	26	24.8	24.07	.977	.947			175 (7)
A 6C22M027TM15	27	25.8	25.02	1.015	.985			
A 6C22M028TM15	28	26.7	25.98	1.053	1.023			
A 6C22M029TM15	29	27.7	26.93	1.090	1.060			
A 6C22M030TM18	30	28.6	27.89	1.128	1.098			
A 6C22M031TM18	31	29.6	28.84	1.165	1.135			
A 6C22M032TM18	32	30.6	29.8	1.203	1.173			
A 6C22M033TM18	33	31.5	30.75	1.241	1.211			
A 6C22M034TM18	34	32.5	31.71	1.278	1.248			
A 6C22M035TM18	35	33.4	32.66	1.316	1.286			

NOTE: Dimensions in () are inch size.

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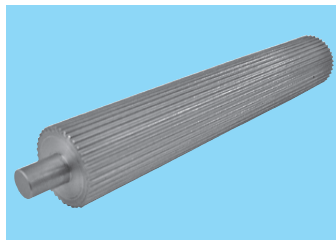
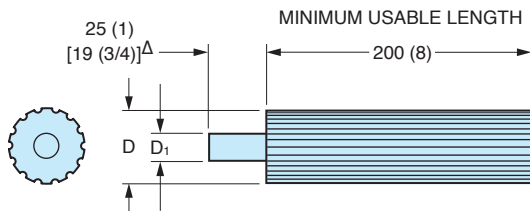
*D Tolerance: From 9 to 27 grooves is + 0.05 (+.002, -.000)
From 28 to 35 grooves is + 0.08 (+.003, -.000)

Δ Dimension in [] may be substituted at SDP option.

SDPSI	Inch/Metric	Inch/Metric	Inch/Metric	Inch/Metric	Inch/Metric
HTD® Timing Pulley Stock - 3 mm Pitch					
Stock Drive Products/Sterling Instrument		Phone: 516-328-3300		Fax: 516-326-8827	

■ **TRUE METRIC®** PROFILE

■ **CARBON STEEL**



MATERIAL: Carbon Steel

Catalog Number	No. of Grooves	Metric		Inch		D ₁ Shank Dia.
		P.D.	D*	P.D.	D*	
A 6C22M036TM20	36	34.4	33.62	1.353	1.323	12.7 (1/2)
A 6C22M037TM20	37	35.3	34.57	1.391	1.361	
A 6C22M038TM20	38	36.3	35.53	1.429	1.399	
A 6C22M039TM20	39	37.2	36.48	1.466	1.436	
A 6C22M040TM20	40	38.2	37.44	1.504	1.474	
A 6C22M042TM20	42	40.1	39.35	1.579	1.549	12.7 (1/2) [19.1 (3/4)]Δ
A 6C22M044TM20	44	42	41.25	1.654	1.624	
A 6C22M045TM20	45	43	42.21	1.692	1.662	
A 6C22M048TM20	48	45.8	45.07	1.805	1.775	
A 6C22M050TM20	50	47.7	46.98	1.880	1.850	
A 6C22M052TM20	52	49.7	48.89	1.955	1.925	19.1 (3/4)
A 6C22M054TM20	54	51.6	50.8	2.030	2.000	
A 6C22M056TM20	56	53.5	52.71	2.105	2.075	
A 6C22M060TM20	60	57.3	56.53	2.256	2.226	
A 6C22M062TM20	62	59.2	58.44	2.331	2.301	
A 6C22M064TM20	64	61.1	60.35	2.406	2.376	
A 6C22M066TM20	66	63	62.26	2.481	2.451	
A 6C22M068TM20	68	64.9	64.17	2.556	2.526	
A 6C22M070TM20	70	66.8	66.08	2.632	2.602	
A 6C22M072TM20	72	68.8	67.99	2.707	2.677	
A 6C22M075TM20	75	71.6	70.86	2.820	2.790	25.4 (1)
A 6C22M080TM20	80	76.4	75.63	3.008	2.978	
A 6C22M090TM20	90	85.9	85.18	3.384	3.354	
A 6C22M100TM20	100	95.5	94.73	3.760	3.730	
A 6C22M110TM20	110	105	104.28	4.136	4.106	
A 6C22M120TM20	120	114.6	113.83	4.511	4.481	
A 6C22M130TM20	130	124.1	123.38	4.887	4.857	
A 6C22M140TM20	140	133.7	132.93	5.263	5.233	
A 6C22M150TM20	150	143.2	142.48	5.639	5.609	
A 6C22M160TM20	160	152.8	152.03	6.015	5.985	

NOTE: Dimensions in () are inch size.

*D Tolerance: 36 to 52 grooves is + 0.08 (+.003, -.000)
54 to 100 grooves is + 0.10 (+.004, -.000)
110 to 160 grooves is + 0.13 (+.005, -.000)

ΔDimension in [] may be substituted at SDP option.



INCH

HTD® Timing Belt Pulleys - 3 mm Pitch

■ ALUMINUM

■ FAIRLOC® HUB

■ TRUE METRIC® PROFILE

■ FOR 6 mm BELTS (.236 INCH)

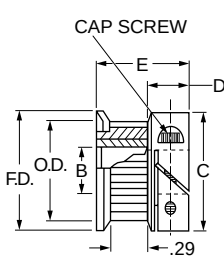


Fig. 1

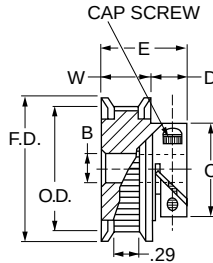
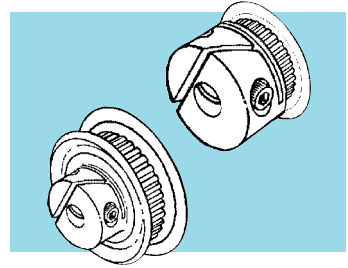


Fig. 2



MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 -.000	W	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	Cap Screw
A 6D23-010DF0604	1	10	.376	.346	.505	.125	—	9/16	.480	15/64	#2-56
A 6D23-012DF0606		12	.451	.421	.580	.1875					
A 6D23-014DF0606		14	.526	.496	.635	.1875					
A 6D23-015DF0606		15	.564	.534	.685						
A 6D23-016DF0606		16	.602	.572	.710						
A 6D23-018DF0608		18	.677	.647	.790	.250		11/16	.625	19/64	#2-56
A 6D23-020DF0608		20	.752	.722	.895						
A 6D23-022DF0608		22	.827	.797	.945						
A 6D23-024DF0608	2	24	.902	.872	1.025	.250	.386	11/16	.625	19/64	#2-56
A 6D23-025DF0608		25	.940	.910	1.060						
A 6D23-026DF0608		26	.977	.947	1.105						
A 6D23-030DF0608		30	1.128	1.098	1.250		.386	11/16	.750	19/64	#4-40
A 6D23-032DF0608		32	1.203	1.173	1.323						
A 6D23-034DF0608		34	1.278	1.248	1.398						
A 6D23-036DF0608		36	1.353	1.323	1.473		.407	23/32	.750	5/16	#4-40
A 6D23-040DF0608		40	1.504	1.474	1.625						
A 6D23-044DF0608		44	1.654	1.624	1.775						

*O.D. tolerance from: 10 to 26 grooves is +.002, -.000.

30 to 44 grooves is +.003, -.000.



INCH

HTD® Timing Belt Pulleys - 3 mm Pitch

■ ALUMINUM

■ **TRUE METRIC®** PROFILE

■ DOUBLE FLANGE

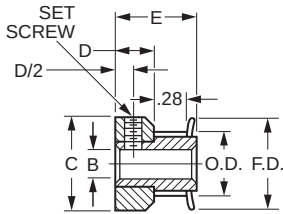


Fig. 1

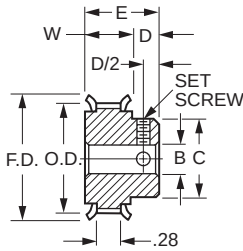
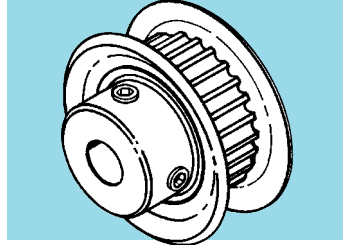


Fig. 2



FOR 6 mm BELTS (.236 INCH)

MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 - .000	W	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	Set Screw
A 6A23-010DF0604	1	10	.376	.346	.505	.125	—	9/16	.505	15/64	#4-40
A 6A23-010DF0606		10	.376	.346	.505	.1875	—	9/16	.505	15/64	#4-40
A 6A23-011DF0604		11	.414	.384	.530	.125	—	9/16	.530	15/64	#4-40
A 6A23-012DF0606		12	.451	.421	.580	.1875	—	9/16	.580	15/64	#6-40
A 6A23-013DF0606		13	.489	.459	.610	.1875	—	9/16	.610	15/64	#6-40
A 6A23-014DF0606		14	.526	.496	.635	.1875	—	9/16	.635	15/64	#6-40
A 6A23-015DF0606	2	15	.564	.534	.685	.1875 .250	—	9/16	.685	15/64	#6-40
A 6A23-015DF0608		15	.564	.534	.685	.1875 .250	—	9/16	.685	15/64	#6-40
A 6A23-016DF0606		16	.602	.572	.710	.1875	—	9/16	.710	15/64	#6-40
A 6A23-017DF0606		17	.639	.609	.740	.1875	—	9/16	.740	15/64	#6-40
A 6A23-018DF0608		18	.677	.647	.790	.1875	.386	11/16	.442	19/64	#8-32
A 6A23-019DF0608		19	.714	.684	.815	.1875	.386	11/16	.468	19/64	#8-32
A 6A23-020DF0608		20	.752	.722	.895	.1875	.386	11/16	.500	19/64	#8-32
A 6A23-022DF0608		22	.827	.797	.945	.1875	.386	11/16	.562	19/64	#8-32
A 6A23-024DF0608		24	.902	.872	1.025	.1875	.386	11/16	.625	19/64	#8-32
A 6A23-025DF0608		25	.940	.910	1.060	.1875	.386	11/16	.625	19/64	#8-32
A 6A23-026DF0608		26	.977	.947	1.105	.1875	.386	11/16	.625	19/64	#8-32
A 6A23-028DF0608	2	28	1.053	1.023	1.173	.250	.386	11/16	.701	19/64	#8-32
A 6A23-030DF0608		30	1.128	1.098	1.250	.250	.386	11/16	.776	19/64	#8-32
A 6A23-032DF0608		32	1.203	1.173	1.323	.250	.386	11/16	.851	19/64	#8-32
A 6A23-034DF0608		34	1.278	1.248	1.398	.250	.386	11/16	.921	19/64	#8-32
A 6A23-036DF0608		36	1.353	1.323	1.473	.250	.407	23/32	1.000	5/16	#8-32
A 6A23-038DF0608		38	1.429	1.399	1.549	.250	.407	23/32	1.075	5/16	#8-32
A 6A23-040DF0608		40	1.504	1.474	1.625	.250	.407	23/32	1.150	5/16	#8-32
A 6A23-044DF0608		44	1.654	1.624	1.775	.250	.407	23/32	1.300	5/16	#8-32

NOTE: Pulleys with 10 to 13 grooves have 1 set screw; others have 2 at 90°.

*O.D. tolerance from: 10 to 26 grooves is +.002, -.000.

28 to 44 grooves is +.003, -.000.



HTD® Timing Belt Pulleys - 3 mm Pitch

■ ALUMINUM

■ **TRUE METRIC®** PROFILE

■ DOUBLE FLANGE

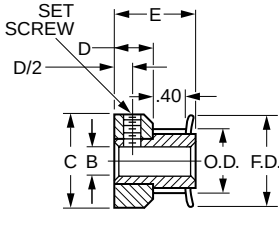


Fig. 1

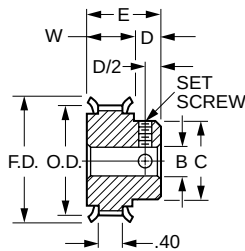
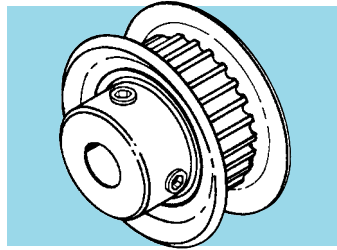


Fig. 2


FOR 9 mm BELTS (.354 INCH)
MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 - .000	W	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	Set Screw
A 6A23-010DF0904	1	10	.376	.346	.505	.125	—	11/16	.505	15/64	#4-40
A 6A23-011DF0904		11	.414	.384	.530				.530		
A 6A23-012DF0906		12	.451	.421	.580	.1875	—	11/16	.580	15/64	#6-40
A 6A23-013DF0906		13	.489	.459	.610				.610		
A 6A23-014DF0906		14	.526	.496	.635				.635		
A 6A23-015DF0906		15	.564	.534	.685		—	11/16	.685	15/64	#6-40
A 6A23-016DF0906	2	16	.602	.572	.710				.710	15/64	#6-40
A 6A23-017DF0906		17	.639	.609	.740				.740		
A 6A23-018DF0908		18	.677	.647	.790		—	13/16	.442	19/64	#6-40
A 6A23-019DF0908		19	.714	.684	.815				.468		
A 6A23-020DF0908		20	.752	.722	.895				.500		
A 6A23-022DF0908		22	.827	.797	.945				.562		
A 6A23-024DF0908		24	.902	.872	1.025						
A 6A23-025DF0908		25	.940	.910	1.060		.506	13/16	.625	19/64	#8-32
A 6A23-026DF0908		26	.977	.947	1.105						
A 6A23-028DF0908		28	1.053	1.023	1.173	.250			.701		
A 6A23-030DF0908		30	1.128	1.098	1.250		.506	13/16	.776	19/64	#8-32
A 6A23-032DF0908		32	1.203	1.173	1.323				.851		
A 6A23-034DF0908		34	1.278	1.248	1.398				.921		
A 6A23-036DF0908		36	1.353	1.323	1.473				1.000		
A 6A23-038DF0908		38	1.429	1.399	1.549				1.075	5/16	#8-32
A 6A23-040DF0908		40	1.504	1.474	1.625		.527	27/32	1.150		
A 6A23-042DF0908		42	1.579	1.549	1.701				1.225		
A 6A23-044DF0908		44	1.654	1.624	1.775				1.300		

NOTE: Pulleys with 10 to 13 grooves have 1 set screw; others have 2 at 90°.

*O.D. tolerance from: 10 to 26 grooves is +.002, -.000.

28 to 44 grooves is +.003, -.000.



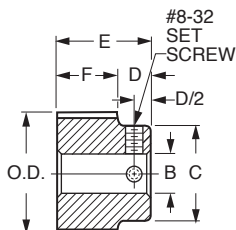
SDPSI
Stock Drive Products/Sterling Instrument

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HTD® Timing Belt Pulleys - 3 mm Pitch

Phone: 516-328-3300 Fax: 516-326-8827

■ ALUMINUM ■ **TRUE METRIC®** PROFILE ■ NO FLANGE



FOR 6 mm BELTS (.236 INCH)

MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

Catalog Number	No. of Grooves	P.D.	O.D.*	B Bore +.001 -.000	F Face Width	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.
A 6A23-018NF0608	18	.677	.647	.250	.386	11/16	.442	19/64
A 6A23-019NF0608	19	.714	.684				.468	
A 6A23-020NF0608	20	.752	.722				.500	
A 6A23-022NF0608	22	.827	.797				.562	
A 6A23-024NF0608	24	.902	.872		.386	11/16	.625	19/64
A 6A23-025NF0608	25	.940	.910					
A 6A23-026NF0608	26	.977	.947					
A 6A23-028NF0608	28	1.053	1.023		.386	11/16	.701	19/64
A 6A23-030NF0608	30	1.128	1.098				.776	
A 6A23-032NF0608	32	1.203	1.173				.851	
A 6A23-034NF0608	34	1.278	1.248		.407	23/32	.921	5/16
A 6A23-036NF0608	36	1.353	1.323				1.000	
A 6A23-038NF0608	38	1.429	1.399				1.075	
A 6A23-040NF0608	40	1.504	1.474				1.150	
A 6A23-044NF0608	44	1.654	1.624				1.300	
A 6A23-045NF0610	45	1.692	1.662	.407	47/64	1.250	21/64	
A 6A23-048NF0610	48	1.805	1.775					
A 6A23-050NF0610	50	1.880	1.850					
A 6A23-056NF0610	56	2.105	2.075	.3125	47/64	1.250	21/64	
A 6A23-060NF0610	60	2.256	2.226					
A 6A23-062NF0610	62	2.331	2.301					
A 6A23-068NF0610	68	2.556	2.526	.407	47/64	1.250	21/64	
A 6A23-072NF0610	72	2.707	2.677					
A 6A23-080NF0610	80	3.008	2.978					

NOTE: All pulleys have 2 set screws at 90°.

*O.D. Tolerance: 18 to 26 grooves is +.002, -.000
28 to 50 grooves is +.003, -.000
56 to 80 grooves is +.004, -.000



Inch Inch Inch Inch Inch Inch Inch Inch Inch

HTD® Timing Belt Pulleys - 3 mm Pitch

Stock Drive Products/Sterling Instrument

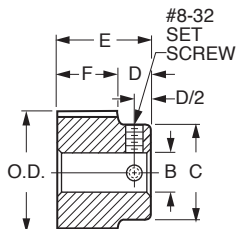
Phone: 516-328-3300

Fax: 516-326-8827

■ ALUMINUM

■ **TRUE METRIC®** PROFILE

■ NO FLANGE



FOR 9 mm BELTS (.354 INCH)

MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

Catalog Number	No. of Grooves	P.D.	O.D.*	B Bore +.001 -.000	F Face Width	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.
A 6A23-018NF0908	18	.677	.647	.250	.506	13/16	.442	19/64
A 6A23-019NF0908	19	.714	.684				.468	
A 6A23-020NF0908	20	.752	.722				.500	
A 6A23-022NF0908	22	.827	.797				.562	
A 6A23-024NF0908	24	.902	.872		.506	13/16	.625	19/64
A 6A23-025NF0908	25	.940	.910				.625	
A 6A23-026NF0908	26	.977	.947				.625	
A 6A23-028NF0908	28	1.053	1.023		.506	13/16	.701	19/64
A 6A23-030NF0908	30	1.128	1.098				.776	
A 6A23-032NF0908	32	1.203	1.173				.851	
A 6A23-034NF0908	34	1.278	1.248		.527	27/32	.921	5/16
A 6A23-036NF0908	36	1.353	1.323				1.000	
A 6A23-038NF0908	38	1.429	1.399				1.075	
A 6A23-040NF0908	40	1.504	1.474				1.150	
A 6A23-044NF0908	44	1.654	1.624				1.300	
A 6A23-045NF0910	45	1.692	1.662	.3125	.500	7/8	1.250	3/8
A 6A23-048NF0910	48	1.805	1.775				1.250	
A 6A23-050NF0910	50	1.880	1.850				1.250	
A 6A23-056NF0910	56	2.105	2.075		.500	7/8	1.250	3/8
A 6A23-060NF0910	60	2.256	2.226				1.250	
A 6A23-062NF0910	62	2.331	2.301				1.250	
A 6A23-068NF0910	68	2.556	2.526		.500	7/8	1.250	3/8
A 6A23-072NF0910	72	2.707	2.677				1.250	
A 6A23-080NF0910	80	3.008	2.978				1.250	

NOTE: All pulleys have 2 set screws at 90°.

*O.D. Tolerance: 18 to 26 grooves is +.002, -.000
28 to 50 grooves is +.003, -.000
56 to 72 grooves is +.004, -.000



HTD® Timing Belt Pulleys - 3 mm Pitch

■ MOLDED WITH INSERT

■ FOR 9 mm BELTS (.354 INCH)

■ **TRUE METRIC®** PROFILE

■ DOUBLE FLANGE

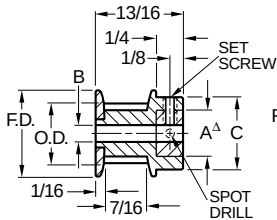


Fig. 1

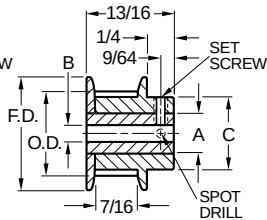
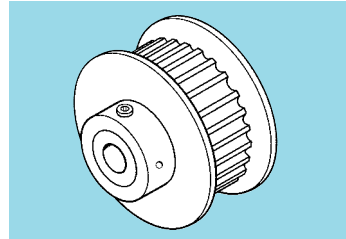


Fig. 2



MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled

All Dimensions In Inches

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw			
A 6Z23-010DF0906	1	10	.376	.346	.63	.1875	7/16 ^A	5/8	#6-32			
A 6Z23-011DF0906		11	.414	.384								
A 6Z23-012DF0906		12	.451	.421								
A 6Z23-013DF0906		13	.489	.459	.69		7/16 ^A	11/16	#6-32			
A 6Z23-014DF0906		14	.526	.496								
A 6Z23-015DF0906		15	.564	.534						.78		
A 6Z23-016DF0906	16	.602	.572	.82	2	3/8				11/16	#6-32	
A 6Z23-017DF0906	17	.639	.609	.87								.1875
A 6Z23-017DF0908	18	.677	.647	.93								.250
A 6Z23-018DF0906							.1875					
A 6Z23-018DF0908	19	.714	.684	.93			.250					
A 6Z23-019DF0906							.1875					
A 6Z23-019DF0908	20	.752	.722	.93			.250					
A 6Z23-020DF0906							.1875					
A 6Z23-020DF0908	22	.827	.797	1.06			.250					
A 6Z23-022DF0906							.1875					
A 6Z23-022DF0908	25	.940	.910	1.19			.250	1/2	3/4			#8-32
A 6Z23-025DF0908							.3125					
A 6Z23-025DF0910					.375							
A 6Z23-025DF0912					.250							
A 6Z23-028DF0908	28	1.052	1.023	1.24	.3125							
A 6Z23-028DF0910					.375							
A 6Z23-028DF0912												

^A1/4" long insert in hub end only.

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Inch Inch Inch Inch Inch Inch

HTD® Timing Belt Pulleys - 3 mm Pitch

Stock Drive Products/Sterling Instrument

Phone: 516-328-3300

Fax: 516-326-8827

■ MOLDED WITH INSERT

■ **TRUE METRIC®** PROFILE

■ DOUBLE FLANGE

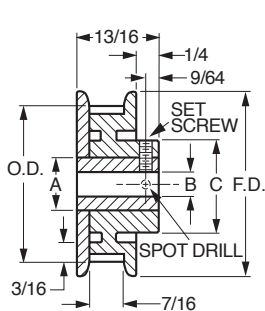


Fig. 1

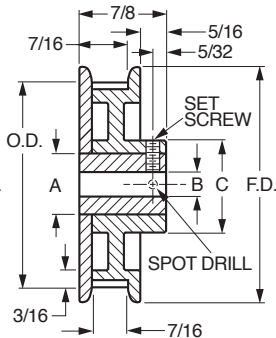


Fig. 2



FOR 9 mm BELTS (.354 INCH)

MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
 Insert - Aluminum, Knurled

All Dimensions In Inches

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
A 6Z23-030DF0908 A 6Z23-030DF0910 A 6Z23-030DF0912	1	30	1.129	1.098	1.34	.250 .3125 .375	1/2	3/4	#8-32
A 6Z23-032DF0908 A 6Z23-032DF0910 A 6Z23-032DF0912		32	1.205	1.173	1.46	.250 .3125 .375			
A 6Z23-036DF0908 A 6Z23-036DF0910 A 6Z23-036DF0912		36	1.354	1.323	1.57	.250 .3125 .375			
A 6Z23-040DF0908 A 6Z23-040DF0910 A 6Z23-040DF0912		40	1.504	1.472	1.77	.250 .3125 .375	1/2	7/8	#8-32
A 6Z23-048DF0908 A 6Z23-048DF0910 A 6Z23-048DF0912		48	1.803	1.772	2.01	.250 .3125 .375			
A 6Z23-060DF0910 A 6Z23-060DF0912 A 6Z23-060DF0916		60	2.256	2.224	2.48	.3125 .375 .500			
A 6Z23-072DF0910 A 6Z23-072DF0912 A 6Z23-072DF0916	2	72	2.709	2.677	2.91	.3125 .375 .500	5/8	7/8	#10-32
A 6Z23-080DF0910 A 6Z23-080DF0912 A 6Z23-080DF0916		80	3.008	2.976	3.27	.3125 .375 .500			



HTD® Timing Belt Pulleys - 3 mm Pitch

■ MOLDED WITH INSERT

■ **TRUE METRIC®** PROFILE

■ SINGLE FLANGE

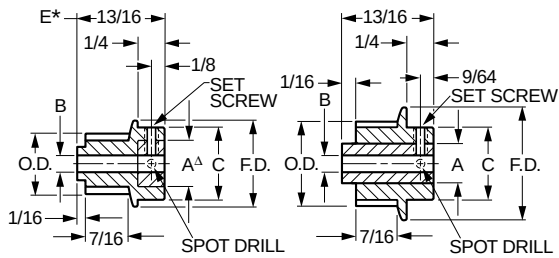
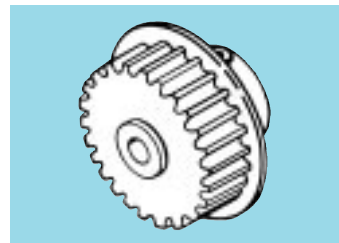


Fig. 1

Fig. 2


FOR 9 mm BELTS (.354 INCH)

MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled

All Dimensions In Inches

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
A 6Z23-010SF0906	1*	10	.376	.346		.1875	7/16 ^A	5/8	#6-32
A 6Z23-011SF0906		11	.414	.384	.63				
A 6Z23-012SF0906		12	.451	.421					
A 6Z23-013SF0906	1	13	.489	.459		.1875	7/16 ^A	11/16	#6-32
A 6Z23-014SF0906		14	.526	.496	.69				
A 6Z23-015SF0906		15	.564	.534	.78				
A 6Z23-016SF0906		16	.602	.572	.82				
A 6Z23-017SF0906	2	17	.639	.609	.87	.1875 .250	3/8	11/16	#6-32
A 6Z23-017SF0908									
A 6Z23-018SF0906		18	.677	.647	.93	.1875 .250			
A 6Z23-018SF0908									
A 6Z23-019SF0906		19	.714	.684	.93	.1875 .250			
A 6Z23-019SF0908									
A 6Z23-020SF0906		20	.752	.722	.93	.1875 .250	1/2	3/4	#8-32
A 6Z23-020SF0908									
A 6Z23-022SF0906		22	.827	.797	1.06	.1875 .250			
A 6Z23-022SF0908									
A 6Z23-025SF0908		25	.940	.910	1.19	.250 .3125 .375			
A 6Z23-025SF0910									
A 6Z23-025SF0912									
A 6Z23-028SF0908		28	1.053	1.023	1.24	.250 .3125 .375	1/2	3/4	#8-32
A 6Z23-028SF0910									
A 6Z23-028SF0912									
A 6Z23-030SF0908		30	1.128	1.098	1.34	.250 .3125 .375			
A 6Z23-030SF0910									
A 6Z23-030SF0912									

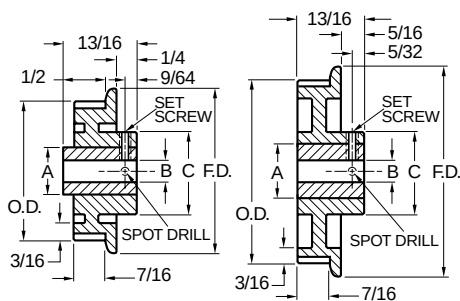
* E = 3/4, Grooves flush with end.

^A1/4" long insert in hub end only.

Continued on the next page

INCH

■ SINGLE OR NO FLANGE



Technical drawing of a vertical rod assembly. The rod has a diameter of 1/2 inch. The flange has a total width of 7/8 inch. The central hole in the flange has a diameter of 3/16 inch. The flange is secured with a #10-32 set screw. The rod has a total length of 3/16 inch. The drawing shows the rod with a spot drill at the end of the flange. Dimensions are given in inches.



SUPER-PLAST

All Dimensions In Inches

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
SINGLE FLANGE									
A 6Z23-032SF0908 A 6Z23-032SF0910 A 6Z23-032SF0912	1	32	1.203	1.173	1.44	.250 .3125 .375	1/2	3/4	#8-32
A 6Z23-036SF0908 A 6Z23-036SF0910 A 6Z23-036SF0912		36	1.353	1.323	1.57	.250 .3125 .375	1/2	7/8	#8-32
A 6Z23-040SF0908 A 6Z23-040SF0910 A 6Z23-040SF0912		40	1.504	1.474	1.76	.250 .3125 .375			
A 6Z23-048SF0908 A 6Z23-048SF0910 A 6Z23-048SF0912		48	1.805	1.775	2.02	.250 .3125 .375			
A 6Z23-060SF0910 A 6Z23-060SF0912 A 6Z23-060SF0916	2	60	2.256	2.226	2.46	.3125 .375 .500	5/8	7/8	#10-32
A 6Z23-072SF0910 A 6Z23-072SF0912 A 6Z23-072SF0916		72	2.707	2.677	2.92	.3125 .375 .500			
A 6Z23-080SF0910 A 6Z23-080SF0912 A 6Z23-080SF0916		80	3.008	2.978	3.29	.3125 .375 .500			
A 6Z23-084SF0910 A 6Z23-084SF0912 A 6Z23-084SF0916		84	3.158	3.128	3.38	.3125 .375 .500			
A 6Z23-096SF0910 A 6Z23-096SF0912 A 6Z23-096SF0916		96	3.609	3.579	3.83	.3125 .375 .500	5/8	1	#10-32
NO FLANGE									
A 6Z23-120NF0912 A 6Z23-120NF0916	3	120	4.511	4.481	—	.375 .500	5/8	1	#10-32



INCH

HTD® Timing Belt Pulleys - 3 mm Pitch

■ MOLDED

■ **TRUE METRIC®** PROFILE

■ DOUBLE FLANGE

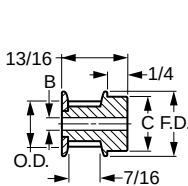


Fig. 1

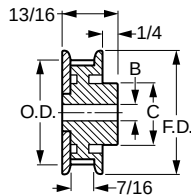


Fig. 2

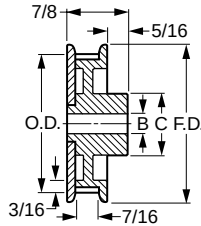
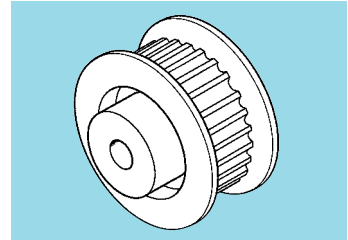


Fig. 3



FOR 9mm BELTS (.354 INCH)

MATERIAL: Polycarbonate, Fiberglass Reinforced

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	C Hub Dia.
A 6L23-010DF0906	1	10	.376	.346		.1875	5/8
A 6L23-011DF0906		11	.414	.384	.63		
A 6L23-012DF0906		12	.451	.421			
A 6L23-013DF0906		13	.489	.459			11/16
A 6L23-014DF0906		14	.526	.496	.69		
A 6L23-015DF0906		15	.564	.534	.78		11/16
A 6L23-016DF0906		16	.602	.572	.82		
A 6L23-017DF0906	2 (Solid)	17	.639	.609	.87	.250	11/16
A 6L23-018DF0906		18	.677	.647	.93		
A 6L23-019DF0906		19	.714	.684	.93		
A 6L23-020DF0906		20	.752	.722	.93		
A 6L23-022DF0906		22	.827	.797	1.06		
A 6L23-025DF0908		25	.940	.910	1.19		
A 6L23-028DF0908	2	28	1.053	1.023	1.24	.3125	3/4
A 6L23-030DF0908		30	1.128	1.098	1.34		
A 6L23-032DF0908		32	1.203	1.173	1.44		3/4
A 6L23-036DF0908		36	1.353	1.323	1.57		7/8
A 6L23-040DF0908		40	1.504	1.474	1.76		7/8
A 6L23-048DF0908		48	1.805	1.775	2.02		7/8
A 6L23-060DF0910	3	60	2.256	2.226	2.46	.3125	7/8
A 6L23-072DF0910		72	2.707	2.677	2.92		
A 6L23-080DF0910		80	3.008	2.978	3.29		

NOTE: Pulleys with 10 to 28 grooves do not have webs.



HTD® Timing Belt Pulleys - 3 mm Pitch

■ MOLDED

■ **TRUE METRIC®** PROFILE

■ SINGLE OR NO FLANGE

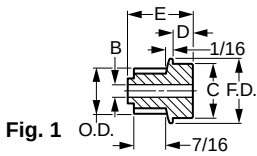


Fig. 1

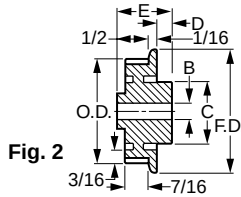


Fig. 2

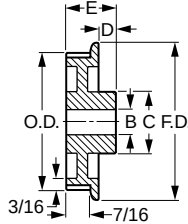


Fig. 3

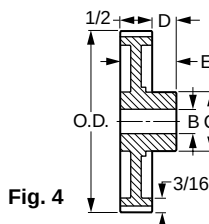
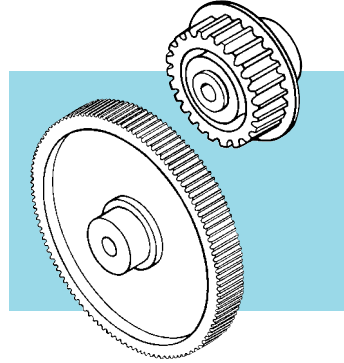


Fig. 4



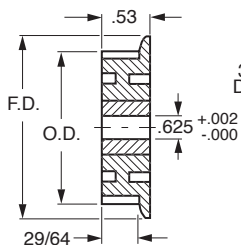
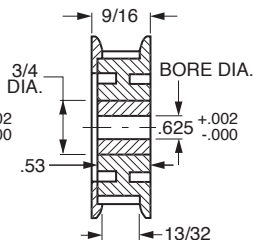
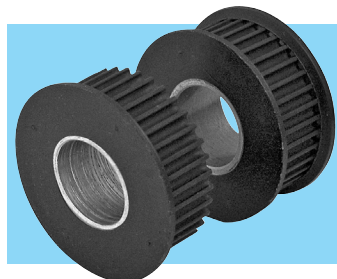
FOR 9mm BELTS (.354 INCH)

MATERIAL: Polycarbonate, Fiberglass Reinforced

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	E Length	C Hub Dia.	D Hub Proj.
SINGLE FLANGE									
A 6L23-010SF0906	1 ^A	10	.376	.346		.1875	3/4	5/8	1/4
A 6L23-011SF0906		11	.414	.384	.63				
A 6L23-012SF0906		12	.451	.421					
A 6L23-013SF0906	1	13	.489	.459	.69	.1875	3/4	11/16	1/4
A 6L23-014SF0906		14	.526	.496					
A 6L23-015SF0906		15	.564	.534	.78				
A 6L23-016SF0906	2	16	.602	.572	.82	.1875	13/16	11/16	1/4
A 6L23-017SF0906		17	.639	.609	.87				
A 6L23-018SF0906		18	.677	.647	.93				
A 6L23-019SF0906	2 (Solid)	19	.714	.684	.93	.1875	13/16	11/16	1/4
A 6L23-020SF0906		20	.752	.722	.93				
A 6L23-022SF0906		22	.827	.797	1.06				
A 6L23-025SF0908	2	25	.940	.910	1.19	.250	13/16	3/4	1/4
A 6L23-028SF0908		28	1.053	1.023	1.24				
A 6L23-030SF0908		30	1.128	1.098	1.34				
A 6L23-032SF0908	2	32	1.203	1.173	1.44	.250	13/16	3/4 7/8 7/8 7/8	1/4
A 6L23-036SF0908		36	1.353	1.323	1.57				
A 6L23-040SF0908		40	1.504	1.474	1.76				
A 6L23-048SF0908	3	48	1.805	1.775	2.02	.3125	13/16	7/8	5/16
A 6L23-060SF0910		60	2.256	2.226	2.46				
A 6L23-072SF0910		72	2.707	2.677	2.92				
A 6L23-080SF0910	3	80	3.008	2.978	3.29	.3125	13/16	7/8	5/16
A 6L23-084SF0910		84	3.158	3.128	3.38				
A 6L23-096SF0910		96	3.609	3.579	3.83				
NO FLANGE									
A 6L23-120NF0912	4	120	4.511	4.481	—	.375	7/8	1	3/8

^AGrooves flush with end.

NOTE: Pulleys with 10 to 28 grooves do not have webs.

■ MOLDED WITH METAL INSERT
■ SINGLE OR DOUBLE FLANGE

Fig. 1

Fig. 2

FOR 9 mm BELTS (.354 INCH)

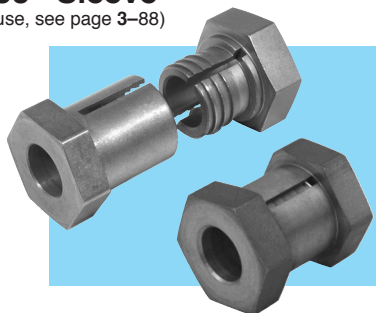
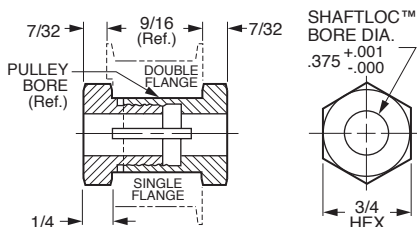
MATERIAL: Pulley - Nylon - Black, Fiberglass Reinforced
Insert - Steel, Overmolded

Catalog Number		No. of Grooves	P.D.	O.D.	F.D.
Single Flange – Fig. 1	Double Flange – Fig. 2				
A 6T23-H32SF0920	A 6T23-H32DF0920	32	1.203	1.173	1.32
A 6T23-H36SF0920	A 6T23-H36DF0920	36	1.353	1.323	1.47
A 6T23-H40SF0920	A 6T23-H40DF0920	40	1.504	1.474	1.62
A 6T23-H42SF0920	A 6T23-H42DF0920	42	1.579	1.549	1.70
A 6T23-H48SF0920	A 6T23-H48DF0920	48	1.805	1.775	1.92
A 6T23-H50SF0920	—	50	1.880	1.850	2.00
A 6T23-H60SF0920		60	2.256	2.226	2.37
A 6T23-H72SF0920		72	2.707	2.677	2.83

NOTE: The Shaftloc™ shown below may be used to secure these pulleys on the shaft.

Applicable Shaftloc™ Sleeve

(For Shaftloc™ Introduction and use, see page 3–88)



MATERIAL: 416 Stainless Steel

Catalog Number	Pulley Bore (Ref.)	Max. Torque Capacity* lb. in.
A 7Z37-030553	.625	250

*Based on mating components being degreased before assembly with Shaftloc® coupling.

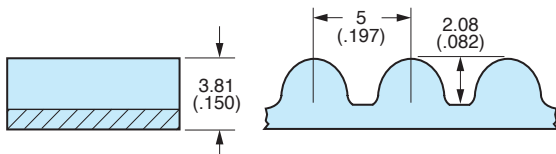
SDP/SI

Stock Drive Products/Sterling Instrument

HTD® Timing Belts - 5 mm Pitch

Phone: 516-328-3300

Fax: 516-326-8827

■ **TRUE METRIC®** PROFILE■ **NEOPRENE**■ **6, 9 & 15 mm WIDE****NOTE:** Dimensions in () are inch size.**CATALOG NUMBER DESIGNATION:****A 6 R 2 5 M****No. of Grooves**
(See tables below)**Width Code**
(See right)

Width Code	Belt Width	Equivalent Inch Width
060	6 mm	.236
090	9 mm	.354
150	15 mm	.591

Example: A 6R25M059150 is a 59 Groove 15 mm Wide Belt.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene**BREAKING STRENGTH:** 316 N per 1 mm (226 lbs. per 1/8) Belt Width; not representative of the load-carrying capacity of the belt**WORKING TENSION:** 454 N for 25.4 mm belt (102 lbs. for 1 in. belt). For more on Working Tension, see the technical section.**TEMPERATURE RANGE:** -34°C to +85°C (-30°F to +185°F)

No. of Grooves	Pitch Length	
	mm	Inch
24	120	4.724
36	180	7.087
40	200	7.874
45	225	8.858
46	230	9.055
48	240	9.449
51	255	10.039
52	260	10.236
53	265	10.433
54	270	10.630
55	275	10.827
56	280	11.024
57	285	11.220
59	295	11.614
60	300	11.811
61	305	12.008
62	310	12.205
64	320	12.598
65	325	12.795
66	330	12.992
67	335	13.189
68	340	13.386

No. of Grooves	Pitch Length	
	mm	Inch
69	345	13.583
70	350	13.780
72	360	14.173
73	365	14.370
74	370	14.567
75	375	14.764
77	385	15.157
80	400	15.748
81	405	15.945
83	415	16.339
85	425	16.732
90	450	17.717
92	460	18.110
95	475	18.701
96	480	18.898
99	495	19.488
100	500	19.685
104	520	20.472
105	525	20.669
107	535	21.063
110	550	21.654
111	555	21.850

No. of Grooves	Pitch Length	
	mm	Inch
112	560	22.047
113	565	22.244
115	575	22.638
116	580	22.835
117	585	23.031
118	590	23.228
120	600	23.622
122	610	24.016
123	615	24.213
124	620	24.409
127	635	25.000
128	640	25.197
129	645	25.394
131	655	25.787
133	665	26.181
134	670	26.378
136	680	26.772
137	685	26.968
139	695	27.362
140	700	27.559
142	710	27.953

Continued on the next page

Special Widths - cut to size from sleeves available from stock.

Pulleys are available with metric or inch standards.

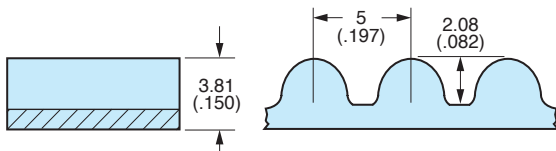
SDP/SI

Stock Drive Products/Sterling Instrument

HTD® Timing Belts - 5 mm Pitch

Phone: 516-328-3300

Fax: 516-326-8827

■ **TRUE METRIC®** PROFILE■ **NEOPRENE**■ **6, 9 & 15 mm WIDE****NOTE:** Dimensions in () are inch size.**CATALOG NUMBER DESIGNATION:****A 6 R 2 5 M** [] [] [] [] []**No. of Grooves**
(See tables below)**Width Code**
(See right)

Width Code	Belt Width	Equivalent Inch Width
060	6 mm	.236
090	9 mm	.354
150	15 mm	.591

Example: A 6R25M188060 is a 188 Groove 6 mm Wide Belt.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene**BREAKING STRENGTH:** 316 N per 1 mm (226 lbs. per 1/8) Belt Width; not representative of the load-carrying capacity of the belt**WORKING TENSION:** 454 N for 25.4 mm belt (102 lbs. for 1 in. belt). For more on Working Tension, see the technical section.**TEMPERATURE RANGE:** -34°C to +85°C (-30°F to +185°F)

No. of Grooves	Pitch Length	
	mm	Inch
148	740	29.134
149	745	29.331
150	750	29.528
151	755	29.724
153	765	30.118
154	770	30.315
155	775	30.512
158	790	31.102
160	800	31.496
165	825	32.480
166	830	32.677
167	835	32.874
170	850	33.465
172	860	33.858
174	870	34.252
178	890	35.039
180	900	35.433
185	925	36.417
186	930	36.614
187	935	36.811
188	940	37.008
190	950	37.402

No. of Grooves	Pitch Length	
	mm	Inch
193	965	37.992
195	975	38.386
196	980	38.583
197	985	38.779
200	1000	39.370
205	1025	40.354
207	1035	40.748
210	1050	41.339
220	1100	43.307
225	1125	44.291
227	1135	44.685
235	1175	46.260
239	1195	47.047
240	1200	47.244
245	1225	48.228
250	1250	49.213
254	1270	50.000
259	1295	50.984
270	1350	53.150
275	1375	54.134
284	1420	55.905
300	1500	59.055

No. of Grooves	Pitch Length	
	mm	Inch
315	1575	62.008
319	1595	62.795
327	1635	64.370
338	1690	66.535
344	1720	67.716
358	1790	70.472
360	1800	70.866
374	1870	73.622
379	1895	74.606
389	1945	76.575
396	1980	77.953
400	2000	78.740
420	2100	82.677
422	2110	83.071
450	2250	88.583
470	2350	92.520
505	2525	99.409
552	2760	108.661
624	3120	122.834
634	3170	124.803
760	3800	149.606

Special Widths - cut to size from sleeves available from stock.

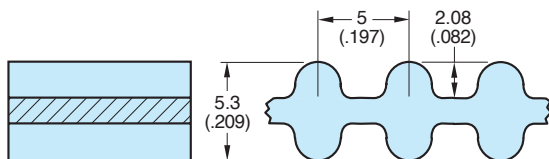
Pulleys are available with metric or inch standards.

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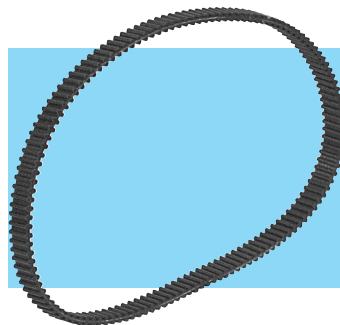
Stock Drive Products/Sterling Instrument

Phone: 516-328-3300

Fax: 516-326-8827

HTD® Double-Sided Timing Belts - 5 mm Pitch■ **TRUE METRIC®** PROFILE■ **NEOPRENE**■ **6, 9 & 15 mm WIDE**

NOTE: Dimensions in () are inch size

**CATALOG NUMBER DESIGNATION:****A 6 R 2 5 M D**No. of Grooves
(See tables below)Width Code
(See right)

Width Code	Belt Width	Equivalent Inch Width
060	6 mm	.236
090	9 mm	.354
150	15 mm	.591

Example: A 6R25MD092150 is a 92 Groove 15 mm Wide Belt.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene**BREAKING STRENGTH:** 316 N per 1 mm (226 lbs. per 1/8) Belt Width; not representative of the load-carrying capacity of the belt.**WORKING TENSION:** 454 N for 25.4 mm belt (102 lbs. for 1 in. belt). For more on Working Tension, see the technical section.**TEMPERATURE RANGE:** -34°C to +85°C (-30°F to +185°F)

No. of Grooves	Pitch Length	
	mm	Inch
80	400	15.748
83	415	16.339
85	425	16.732
90	450	17.717
92	460	18.110
95	475	18.701
96	480	18.898
99	495	19.488
100	500	19.685
104	520	20.472
107	535	21.063
111	555	21.850
112	560	22.047
113	565	22.244
115	575	22.638
116	580	22.835

No. of Grooves	Pitch Length	
	mm	Inch
117	585	22.031
118	590	23.228
120	600	23.622
122	610	24.016
123	615	24.213
127	635	25.000
128	640	25.197
131	655	25.787
133	665	26.181
134	670	26.378
136	680	26.772
137	685	26.968
139	695	27.362
140	700	27.559
142	710	27.953
148	740	29.134

No. of Grooves	Pitch Length	
	mm	Inch
149	745	29.331
151	755	29.724
153	765	30.118
155	775	30.512
158	790	31.102
160	800	31.496
166	830	32.677
167	835	32.874
170	850	33.465
174	870	34.252
178	890	35.039
185	925	36.417
186	930	36.614
187	935	36.811
190	950	37.402

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Special Widths - cut to size from sleeves available from stock.

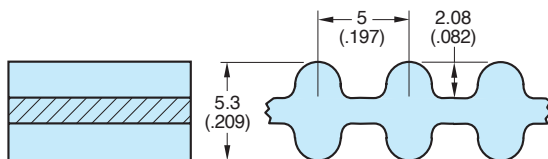
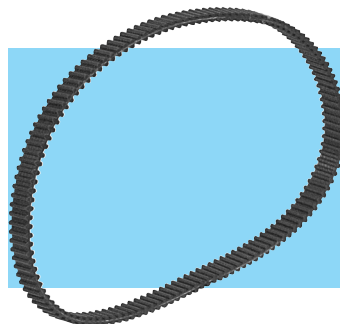
Pulleys are available with metric or inch standards.

SDPSI**HTD® Double-Sided Timing Belts - 5 mm Pitch**

Stock Drive Products/Sterling Instrument

Phone: 516-328-3300

Fax: 516-326-8827

■ **TRUE METRIC®** PROFILE■ **NEOPRENE**■ **6, 9 & 15 mm WIDE****NOTE:** Dimensions in () are inch size.**CATALOG NUMBER DESIGNATION:**

A 6 R 2 5 M D

No. of Grooves **Width Code**
(See tables below) (See right)

Width Code	Belt Width	Equivalent Inch Width
060	6 mm	.236
090	9 mm	.354
150	15 mm	.591

Example: A 6R25MD239060 is a 239 Groove 6 mm Wide Belt.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene**BREAKING STRENGTH:** 316 N per 1 mm (226 lbs. per 1/8) Belt Width; not representative of the load-carrying capacity of the belt.**WORKING TENSION:** 454 N for 25.4 mm belt (102 lbs. for 1 in. belt). For more on Working Tension, see the technical section.**TEMPERATURE RANGE:** -34°C to +85°C (-30°F to +185°F)

No. of Grooves	Pitch Length	
	mm	Inch
195	975	38.386
197	985	38.779
200	1000	39.370
207	1035	40.748
210	1050	41.339
220	1100	43.307
225	1125	44.291
239	1195	47.047
240	1200	47.244
245	1225	48.228
250	1250	49.213
254	1270	50.000
259	1295	50.984
275	1375	54.134
284	1420	55.905
300	1500	59.055
315	1575	62.008

No. of Grooves	Pitch Length	
	mm	Inch
319	1595	62.795
327	1635	64.370
338	1690	66.535
358	1790	70.472
360	1800	70.866
374	1870	73.622
379	1895	74.606
389	1945	76.575
396	1980	77.953
400	2000	78.740
420	2100	82.677
422	2110	83.071
450	2250	88.583
470	2350	92.520
505	2525	99.409
552	2760	108.661
624	3120	122.834

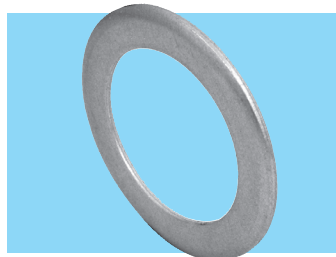
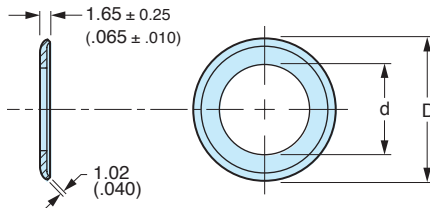
Special Widths - cut to size from sleeves available from stock.

Pulleys are available with metric or inch standards.

SDPSI	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>
Pulley Flanges For HTD® 5 mm Pitch					
Stock Drive Products/Sterling Instrument		Phone: 516-328-3300		Fax: 516-326-8827	

■ **TRUE METRIC®** PROFILE

■ **ALUMINUM OR STEEL**



NOTE: Dimensions in () are inch size.

MATERIAL: Aluminum Alloy or Steel

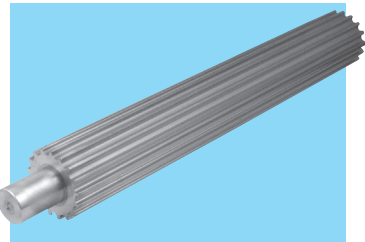
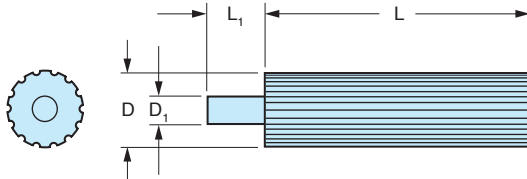
Priced Per 25 Pieces

Catalog Number		Pulley Grooves (Ref.)	Metric		Inch	
Aluminum	Steel		d ± 0.08	D ± 0.4	d $\pm .003$	D $\pm 1/64$
A 6A24M012FA	A 6C24M012FS	12	12.78	22.2	.503	7/8
A 6A24M013FA	A 6C24M013FS	13	14.27	23.8	.562	15/16
A 6A24M014FA	A 6C24M014FS	14	14.27	25.4	.562	1
A 6A24M015FA	A 6C24M015FS	15	15.88	27	.625	1-1/16
A 6A24M016FA	A 6C24M016FS	16	17.37	27.8	.684	1-3/32
A 6A24M017FA	A 6C24M017FS	17	19	30.2	.748	1-3/16
A 6A24M018FA	A 6C24M018FS	18	20.58	31.8	.810	1-1/4
A 6A24M019FA	A 6C24M019FS	19	22.53	33.3	.887	1-5/16
A 6A24M020FA	A 6C24M020FS	20	23.77	34.9	.936	1-3/8
A 6A24M021FA	A 6C24M021FS	21	25.4	36.5	1.000	1-7/16
A 6A24M022FA	A 6C24M022FS	22	26.97	38.1	1.062	1-1/2
A 6A24M023FA	A 6C24M023FS	23	28.58	39.7	1.125	1-9/16
A 6A24M024FA	A 6C24M024FS	24	29.46	41.3	1.160	1-5/8
A 6A24M025FA	A 6C24M025FS	25	31.06	42.9	1.222	1-11/16
A 6A24M026FA	A 6C24M026FS	26	31.75	44.5	1.222	1-3/4
A 6A24M028FA	A 6C24M028FS	28	34.21	47.6	1.347	1-7/8
A 6A24M030FA	A 6C24M030FS	30	36.2	50.8	1.425	2
A 6A24M032FA	A 6C24M032FS	32	39.37	54	1.550	2-1/8
A 6A24M034FA	A 6C24M034FS	34	42.55	57.2	1.675	2-1/4

SDP/SI	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>
HTD® Timing Pulley Stock - 5 mm Pitch					
Stock Drive Products/Sterling Instrument		Phone: 516-328-3300		Fax: 516-326-8827	

■ **TRUE METRIC®** PROFILE

■ **ALUMINUM**



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Metric		Inch		D ₁ Shank Dia.	L ₁ Shank Length (Ref.)	L Minimum Usable Length
		P.D.	D*	P.D.	D*			
A 6A24M012TM15	12	19.1	17.96	.752	.707	12.7 (1/2)	22 (7/8)	150 (6)
A 6A24M013TM15	13	20.7	19.55	.815	.770			
A 6A24M014TM18	14	22.3	21.14	.877	.832	12.7 (1/2)	25 (1)	175 (7)
A 6A24M015TM18	15	23.9	22.73	.940	.895			
A 6A24M016TM18	16	25.5	24.32	1.003	.958			
A 6A24M017TM18	17	27.1	25.91	1.065	1.020	12.7 (1/2)	[19 (3/4)] ^Δ	200 (8)
A 6A24M018TM20	18	28.6	27.5	1.128	1.083			
A 6A24M019TM20	19	30.2	29.1	1.191	1.146			
A 6A24M020TM20	20	31.8	30.69	1.253	1.208			
A 6A24M021TM20	21	33.4	32.28	1.316	1.271			
A 6A24M022TM20	22	35	33.87	1.379	1.334			
A 6A24M023TM20	23	36.6	35.46	1.441	1.396			
A 6A24M024TM20	24	38.2	37.05	1.504	1.459			
A 6A24M025TM20	25	39.8	38.65	1.566	1.521			
A 6A24M026TM20	26	41.4	40.24	1.629	1.584			
A 6A24M027TM20	27	43	41.83	1.692	1.647			
A 6A24M028TM20	28	44.6	43.42	1.754	1.709			
A 6A24M029TM20	29	46.2	45.01	1.817	1.772			
A 6A24M030TM20	30	47.7	46.6	1.880	1.835			

NOTE: Dimensions in () are inch size.

*D Tolerance: 12 to 16 grooves is + 0.05 (+.002, -.000)
17 to 30 grooves is + 0.08 (+.003, -.000)

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^Δ Dimension in [] may be substituted at SDP option.

SDP/SI

Stock Drive Products/Sterling Instrument

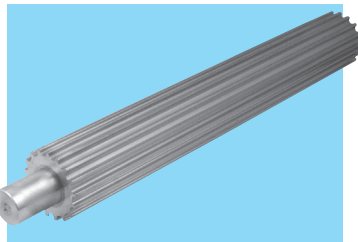
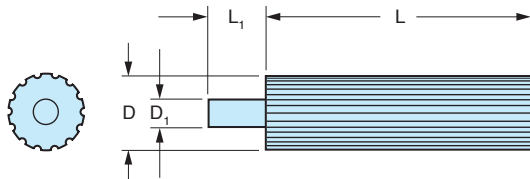
Inch/Metric Inch/Metric Inch/Metric Inch/Metric Inch/Metric

HTD® Timing Pulley Stock - 5 mm Pitch

Phone: 516-328-3300 Fax: 516-326-8827

■ **TRUE METRIC®** PROFILE

■ **ALUMINUM**



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Metric		Inch		D ₁ Shank Dia.	L ₁ Shank Length (Ref.)	L Minimum Usable Length
		P.D.	D*	P.D.	D*			
A 6A24M031TM20	31	49.3	48.2	1.942	1.897	19.1 (3/4)	25 (1) [19 (3/4)] ^Δ	200 (8)
A 6A24M032TM20	32	50.9	49.79	2.005	1.960			
A 6A24M033TM20	33	52.5	51.38	2.068	2.023			
A 6A24M034TM20	34	54.1	52.97	2.130	2.085			
A 6A24M035TM20	35	55.7	54.56	2.193	2.148			
A 6A24M036TM20	36	57.3	56.15	2.256	2.211			
A 6A24M038TM20	38	60.5	59.34	2.381	2.336			
A 6A24M040TM20	40	63.7	62.52	2.506	2.461			
A 6A24M042TM20	42	66.8	65.7	2.632	2.587			
A 6A24M044TM20	44	70	68.89	2.757	2.712			
A 6A24M045TM20	45	71.6	70.48	2.820	2.775			
A 6A24M046TM20	46	73.2	72.07	2.882	2.837			
A 6A24M048TM20	48	76.4	75.25	3.008	2.963			
A 6A24M050TM20	50	79.6	78.43	3.133	3.088			
A 6A24M054TM20	54	85.9	84.8	3.384	3.339			
A 6A24M056TM20	56	89.1	87.98	3.509	3.464			
A 6A24M060TM20	60	95.5	94.35	3.760	3.715			
A 6A24M062TM20	62	98.7	97.53	3.885	3.840			
A 6A24M065TM20	65	103.5	102.31	4.073	4.028	25.4 (1)	25 (1)	200 (8)
A 6A24M072TM20	72	114.6	113.45	4.511	4.466			
A 6A24M080TM20	80	127.3	126.18	5.013	4.968			
A 6A24M090TM20	90	143.2	142.1	5.639	5.594			
A 6A24M100TM20	100	159.2	158.01	6.266	6.221	25.4 (1)	25 (1)	150 (6)
A 6A24M112TM15	112	178.3	177.11	7.018	6.973			
A 6A24M126TM15	126	200.5	199.39	7.895	7.850			

NOTE: Dimensions in () are inch size.

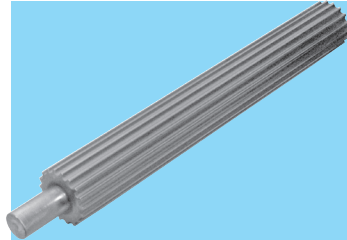
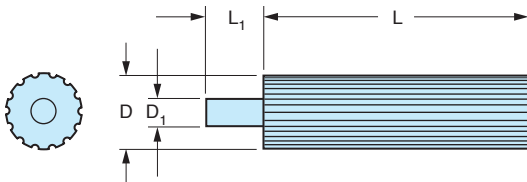
* D Tolerance: 31 & 32 grooves is + 0.08 (+.003, -.000)
33 to 62 grooves is + 0.10 (+.004, -.000)
65 to 112 grooves is + 0.13 (+.005, -.000)
126 grooves is + 0.15 (+.006, -.000)

^Δ Dimension in [] may be substituted at SDP option.

SDP/SI	Inch/Metric	Inch/Metric	Inch/Metric	Inch/Metric	Inch/Metric
HTD® Timing Pulley Stock - 5 mm Pitch					
Stock Drive Products/Sterling Instrument		Phone: 516-328-3300		Fax: 516-326-8827	

■ **TRUE METRIC®** PROFILE

■ **CARBON STEEL**



MATERIAL: Carbon Steel

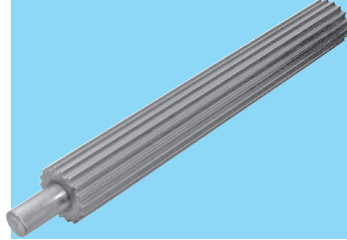
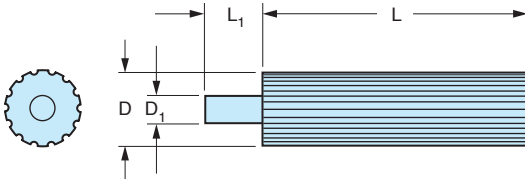
Catalog Number	No. of Grooves	Metric		Inch		D ₁ Shank Dia.	L ₁ Shank Length (Ref.)	L Minimum Usable Length
		P.D.	D*	P.D.	D*			
A 6C24M012TM15	12	19.1	17.96	.752	.707	12.7 (1/2)	22 (7/8)	150 (6)
A 6C24M013TM15	13	20.7	19.55	.815	.770			
A 6C24M014TM18	14	22.3	21.14	.877	.832	12.7 (1/2)	25 (1)	175 (7)
A 6C24M015TM18	15	23.9	22.73	.940	.895			
A 6C24M016TM18	16	25.5	24.32	1.003	.958			
A 6C24M017TM18	17	27.1	25.91	1.065	1.020	12.7 (1/2)	[19 (3/4)] ^Δ	200 (8)
A 6C24M018TM20	18	28.6	27.5	1.128	1.083			
A 6C24M019TM20	19	30.2	29.1	1.191	1.146			
A 6C24M020TM20	20	31.8	30.69	1.253	1.208			
A 6C24M021TM20	21	33.4	32.28	1.316	1.271			
A 6C24M022TM20	22	35	33.87	1.379	1.334			
A 6C24M023TM20	23	36.6	35.46	1.441	1.396			
A 6C24M024TM20	24	38.2	37.05	1.504	1.459			
A 6C24M025TM20	25	39.8	38.65	1.566	1.521			
A 6C24M026TM20	26	41.4	40.24	1.629	1.584			
A 6C24M027TM20	27	43	41.83	1.692	1.647			
A 6C24M028TM20	28	44.6	43.42	1.754	1.709			
A 6C24M029TM20	29	46.2	45.01	1.817	1.772			
A 6C24M030TM20	30	47.7	46.6	1.880	1.835			

NOTE: Dimensions in () are inch size.

*D Tolerance: 12 to 16 grooves is + 0.05 (+.002, -.000)
17 to 30 grooves is + 0.08 (+.003, -.000)

^Δ Dimensions in [] may be substituted at SDP option.

Continued on the next page

TRUE METRIC® PROFILE
CARBON STEEL

MATERIAL: Carbon Steel

Catalog Number	No. of Grooves	Metric		Inch		D ₁ Shank Dia.	L ₁ Shank Length (Ref.)	L Minimum Usable Length
		P.D.	D*	P.D.	D*			
A 6C24M031TM20	31	49.3	48.2	1.942	1.897	19.1 (3/4)	25 (1) [18.2] ^Δ (23/32)	200 (8)
A 6C24M032TM20	32	50.9	49.79	2.005	1.960			
A 6C24M033TM20	33	52.5	51.38	2.068	2.023			
A 6C24M034TM20	34	54.1	52.97	2.130	2.085			
A 6C24M035TM20	35	55.7	54.56	2.193	2.148			
A 6C24M036TM20	36	57.3	56.15	2.256	2.211			
A 6C24M038TM20	38	60.5	59.34	2.381	2.336			
A 6C24M040TM20	40	63.7	62.52	2.506	2.461			
A 6C24M042TM20	42	66.8	65.7	2.632	2.587	25.4 (1) [19.1] ^Δ (3/4)	25 (1)	200 (8)
A 6C24M044TM20	44	70	68.89	2.757	2.712			
A 6C24M045TM20	45	71.6	70.48	2.820	2.775			
A 6C24M046TM20	46	73.2	72.07	2.882	2.837			
A 6C24M048TM20	48	76.4	75.25	3.008	2.963			
A 6C24M050TM20	50	79.6	78.43	3.133	3.088			
A 6C24M054TM20	54	85.9	84.8	3.384	3.339			
A 6C24M056TM20	56	89.1	87.98	3.509	3.464			
A 6C24M060TM20	60	95.5	94.35	3.760	3.715	25.4 (1) [19.1] ^Δ (3/4)	25 (1)	200 (8)
A 6C24M062TM20	62	98.7	97.53	3.885	3.840			
A 6C24M065TM20	65	103.5	102.31	4.073	4.028			
A 6C24M072TM20	72	114.6	113.45	4.511	4.466			
A 6C24M080TM20	80	127.3	126.18	5.013	4.968			
A 6C24M090TM20	90	143.2	142.1	5.639	5.594			
A 6C24M100TM20	100	159.2	158.01	6.266	6.221			
A 6C24M112TM15	112	178.3	177.11	7.018	6.973			
A 6C24M126TM15	126	200.5	199.39	7.895	7.850			150 (6)

NOTE: Dimensions in () are inch size.

*D Tolerance: 31 & 32 grooves is + 0.08 (+.003, -.000)

33 to 62 grooves is + 0.10 (+.004, -.000)

72 to 112 grooves is + 0.13 (+.005, -.000)

126 grooves is + 0.15 (+.006, -.000)

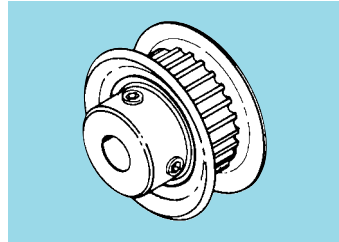
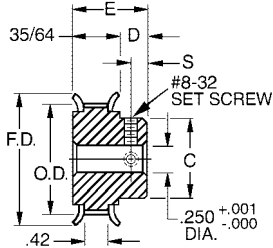
^Δ Dimensions in [] may be substituted at SDP option.



INCH

HTD® Timing Belt Pulleys - 5 mm Pitch

- ALUMINUM
- FOR 9 mm BELTS (.354 INCH)
- **TRUE METRIC®** PROFILE
- .250 BORE
- DOUBLE FLANGE



MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

All Dimensions In Inches

Catalog Number	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S
A 6A25-012DF0908	12	.752	.707	7/8	51/64	7/16	1/4	1/8
A 6A25-013DF0908	13	.815	.770	15/16		1/2		
A 6A25-014DF0908	14	.877	.832	1		1/2		
A 6A25-015DF0908	15	.940	.895	1-1/16		9/16		
A 6A25-016DF0908	16	1.003	.958	1-3/32		5/8		
A 6A25-017DF0908	17	1.065	1.020	1-3/16		11/16		
A 6A25-018DF0908	18	1.128	1.083	1-1/4	55/64	3/4	5/16	5/32
A 6A25-019DF0908	19	1.191	1.146	1-5/16		13/16		
A 6A25-020DF0908	20	1.253	1.208	1-3/8		15/16		
A 6A25-022DF0908	22	1.379	1.334	1-1/2		1		
A 6A25-024DF0908	24	1.504	1.459	1-5/8		1		
A 6A25-025DF0908	25	1.566	1.521	1-11/16		1-1/16		
A 6A25-026DF0908	26	1.629	1.584	1-3/4	55/64	1-3/16	5/16	5/32
A 6A25-028DF0908	28	1.754	1.709	1-7/8		1-1/4		
A 6A25-030DF0908	30	1.880	1.835	2		1-3/8		
A 6A25-032DF0908	32	2.005	1.960	2-1/8		1-3/8		
A 6A25-034DF0908	34	2.130	2.085	2-1/4				

NOTE: Pulleys with 12 and 13 grooves have 1 set screw; others have 2 at 90°.

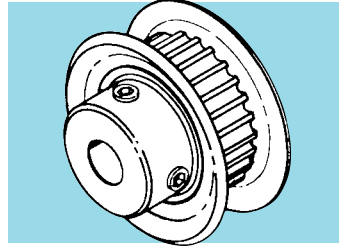
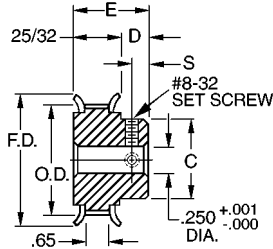
*O.D. Tolerance: From 12 to 16 grooves is +.002, -.000.
 From 17 to 32 grooves is +.003, -.000.
 34 grooves is +.004, -.000.



INCH

HTD® Timing Belt Pulleys - 5 mm Pitch

- ALUMINUM
- FOR 15 mm BELTS (.591 INCH)
- **TRUE METRIC®** PROFILE
- .250 BORE
- DOUBLE FLANGE



MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

All Dimensions In Inches

Catalog Number	No. of Grooves	P.D.	O.D.*	F.D. ±1/64	E Length ±1/64	C Hub Dia. ±1/64	D Hub Proj.	S
A 6A25-012DF1508	12	.752	.707	7/8	1-1/32	7/16	1/4	1/8
A 6A25-013DF1508	13	.815	.770	15/16		1/2		
A 6A25-014DF1508	14	.877	.832	1		1/2		
A 6A25-015DF1508	15	.940	.895	1-1/16		9/16		
A 6A25-016DF1508	16	1.003	.958	1-3/32		5/8		
A 6A25-017DF1508	17	1.065	1.020	1-3/16		11/16		
A 6A25-018DF1508	18	1.128	1.083	1-1/4		3/4		
A 6A25-019DF1508	19	1.191	1.146	1-5/16		13/16		
A 6A25-020DF1508	20	1.253	1.208	1-3/8	1-3/32	15/16	5/16	5/32
A 6A25-022DF1508	22	1.379	1.334	1-1/2		1		
A 6A25-024DF1508	24	1.504	1.459	1-5/8		1		
A 6A25-025DF1508	25	1.566	1.521	1-11/16		1-1/16		
A 6A25-026DF1508	26	1.629	1.584	1-3/4		1-3/16		
A 6A25-028DF1508	28	1.754	1.709	1-7/8		1-1/4		
A 6A25-030DF1508	30	1.880	1.835	2		1-3/8		
A 6A25-032DF1508	32	2.005	1.960	2-1/8				
A 6A25-034DF1508	34	2.130	2.085	2-1/4				

NOTE: Pulleys with 12 and 13 grooves have 1 set screw; others have 2 at 90°.

*O.D. Tolerance: From 12 to 16 grooves is +.002, -.000.
 From 17 to 32 grooves is +.003, -.000.
 34 grooves is +.004, -.000.



HTD® Timing Belt Pulleys - 5 mm Pitch

- ALUMINUM
- FOR 9 mm BELTS (.354 INCH)
- TRUE METRIC® PROFILE
- NO FLANGE

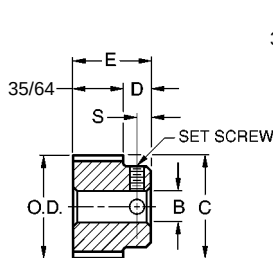


Fig. 1

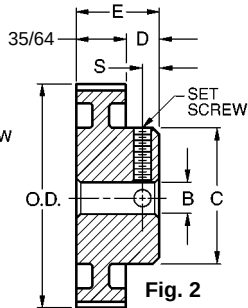
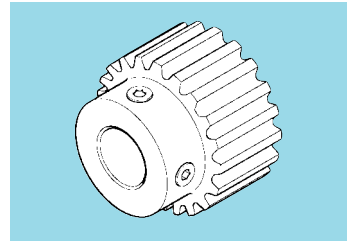


Fig. 2



MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

All Dimensions In Inches

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	B Bore +.001 -.000	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A25-012NF0908	1	12	.752	.707	.250	51/64	7/16	1/4	1/8	#8-32
A 6A25-013NF0908		13	.815	.770			1/2			
A 6A25-014NF0908		14	.877	.832						
A 6A25-015NF0908		15	.940	.895			9/16			
A 6A25-016NF0908		16	1.003	.958						
A 6A25-017NF0908		17	1.065	1.020			5/8			
A 6A25-018NF0908		18	1.128	1.083			11/16			
A 6A25-019NF0908		19	1.191	1.146			3/4			
A 6A25-020NF0908		20	1.253	1.208	.250	55/64	13/16	5/16	5/32	#8-32
A 6A25-022NF0908		22	1.379	1.334			15/16			
A 6A25-024NF0908		24	1.504	1.459			1			
A 6A25-025NF0908		25	1.566	1.521						
A 6A25-026NF0908		26	1.629	1.584			1-1/16			
A 6A25-028NF0908		28	1.754	1.709			1-3/16			
A 6A25-030NF0908		30	1.880	1.835						
A 6A25-032NF0908		32	2.005	1.960			1-1/4			
A 6A25-034NF0908		34	2.130	2.085	1-3/8					
A 6A25-036NF0910	36	2.256	2.211	.3125	15/16	1-1/2	25/64	13/64	#8-32	
A 6A25-038NF0910	38	2.381	2.336							
A 6A25-040NF0910	40	2.506	2.461							
A 6A25-044NF0910	44	2.757	2.712							
A 6A25-048NF0912	2	48	3.008	2.963	.375	15/16	1-1/2	25/64	13/64	#10-32
A 6A25-050NF0912		50	3.133	3.088						
A 6A25-056NF0912		56	3.509	3.464						
A 6A25-060NF0912		60	3.760	3.715						
A 6A25-062NF0912		62	3.885	3.840						
A 6A25-070NF0912		70	4.386	4.341						
A 6A25-072NF0912		72	4.511	4.466						

NOTE: Pulleys with 12 and 13 grooves have 1 set screw; others have 2 at 90°.

*O.D. Tolerance: From 12 to 16 grooves is +.002, -.000
 From 17 to 32 grooves is +.003, -.000
 From 34 to 62 grooves is +.004, -.000
 70 & 72 grooves is +.005, -.000

■ TRUE METRIC® PROFILE
■ ALUMINUM
■ NO FLANGE

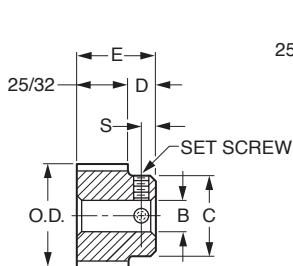


Fig. 1

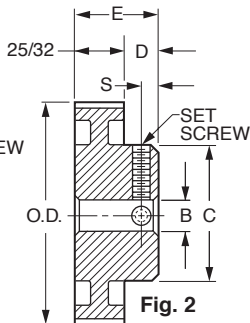
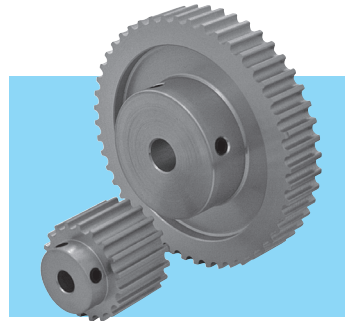


Fig. 2


FOR 15 mm BELTS (.591 INCH)

MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

All Dimensions In Inches

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	B Bore +.001 -.000	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A25-012NF1508	1	12	.752	.707	.250	1-1/32	7/16	1/4	1/8	#8-32
A 6A25-013NF1508		13	.815	.770			1/2			
A 6A25-014NF1508		14	.877	.832			9/16			
A 6A25-015NF1508		15	.940	.895			5/8			
A 6A25-016NF1508		16	1.003	.958			11/16			
A 6A25-017NF1508		17	1.065	1.020			3/4			
A 6A25-018NF1508		18	1.128	1.083			13/16			
A 6A25-019NF1508		19	1.191	1.146			15/16			
A 6A25-020NF1508		20	1.253	1.208			1			
A 6A25-022NF1508		22	1.379	1.334			1-1/16			
A 6A25-024NF1508		24	1.504	1.459		1-3/32	1-3/16	5/16	5/32	#8-32
A 6A25-025NF1508		25	1.566	1.521			1-3/8			
A 6A25-026NF1508		26	1.629	1.584			1-1/2			
A 6A25-028NF1508		28	1.754	1.709			13/32			
A 6A25-030NF1508		30	1.880	1.835			13/64			
A 6A25-032NF1508		32	2.005	1.960			13/32			
A 6A25-034NF1508		34	2.130	2.085			13/64			
A 6A25-036NF1510	2	36	2.256	2.211	.3125	1-3/16	1-1/2	13/32	13/64	#8-32
A 6A25-038NF1510		38	2.381	2.336			13/32			
A 6A25-040NF1510		40	2.506	2.461			13/64			
A 6A25-044NF1510		44	2.757	2.712			13/32			
A 6A25-048NF1512		48	3.008	2.963			13/64			
A 6A25-050NF1512		50	3.133	3.088			13/32			
A 6A25-056NF1512		56	3.509	3.464			13/64			
A 6A25-060NF1512		60	3.760	3.715			13/32			
A 6A25-062NF1512		62	3.885	3.840			13/64			
A 6A25-070NF1512		70	4.386	4.341			13/32			
A 6A25-072NF1512		72	4.511	4.466			13/64			

NOTE: Pulleys with 12 and 13 grooves have 1 set screw; others have 2 at 90°.

*O.D. Tolerance: 12 to 16 grooves is +.002, -.000
 17 to 32 grooves is +.003, -.000
 34 to 62 grooves is +.004, -.000
 70 & 72 grooves is +.005, -.000



Inch Inch Inch Inch Inch Inch Inch Inch Inch

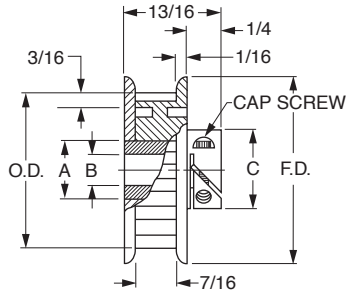
HTD® Timing Belt Pulleys - 5 mm Pitch

Stock Drive Products/Sterling Instrument

Phone: 516-328-3300

Fax: 516-326-8827

- MOLDED WITH FAIRLOC® HUB ■ BLACK SERIES ■ **TRUE METRIC®** PROFILE
- DOUBLE FLANGE



FOR 9 mm BELTS (.354 INCH)

MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Hub - Aluminum Alloy, Overmolded

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Cap Screw
A 6H25-011DF0906	11	.689	.644	.87	.1875	3/8	1/2	#2-56
A 6H25-012DF0906	12	.752	.707	.93				
A 6H25-013DF0906	13	.815	.770	.99				
A 6H25-014DF0908	14	.877	.832	1.06				
A 6H25-015DF0908	15	.940	.895	1.19	.250	1/2	3/4	#4-40
A 6H25-016DF0908	16	1.003	.958	1.19				
A 6H25-017DF0908	17	1.065	1.020	1.24				
A 6H25-018DF0908	18	1.128	1.083	1.31				
A 6H25-019DF0908	19	1.191	1.146	1.38		1/2	3/4	#4-40
A 6H25-020DF0908	20	1.253	1.208	1.44				
A 6H25-022DF0908	22	1.379	1.334	1.57				
A 6H25-025DF0908	25	1.566	1.521	1.76				
A 6H25-028DF0908	28	1.754	1.709	1.95	.3125	5/8	7/8	#4-40
A 6H25-029DF0908	29	1.817	1.772	2.02				
A 6H25-030DF0908	30	1.880	1.835	2.08				
A 6H25-040DF0910	40	2.506	2.461	2.71				
A 6H25-050DF0910	50	3.133	3.088	3.29				

NOTE: Pulleys with 11 to 19 grooves do not have webs.

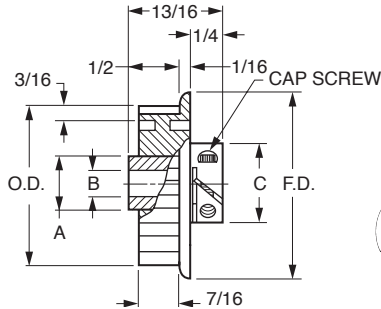


Inch Inch Inch Inch Inch Inch Inch Inch Inch

HTD® Timing Belt Pulleys - 5 mm Pitch

Stock Drive Products/Sterling Instrument Phone: 516-328-3300 Fax: 516-326-8827

- MOLDED WITH FAIRLOC® HUB ■ BLACK SERIES ■ **TRUE METRIC®** PROFILE
- SINGLE FLANGE



FOR 9 mm BELTS (.354 INCH)

MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Hub - Aluminum Alloy, Overmolded

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Cap Screw
A 6H25-011SF0906	11	.689	.644	.87	.1875	3/8	1/2	#2-56
A 6H25-012SF0906	12	.752	.707	.93				
A 6H25-013SF0906	13	.815	.770	.99				
A 6H25-014SF0908	14	.877	.832	1.06		1/2	3/4	#4-40
A 6H25-015SF0908	15	.940	.895	1.19				
A 6H25-016SF0908	16	1.003	.958	1.19				
A 6H25-017SF0908	17	1.065	1.020	1.24		1/2	3/4	#4-40
A 6H25-018SF0908	18	1.128	1.083	1.31				
A 6H25-019SF0908	19	1.191	1.146	1.38				
A 6H25-020SF0908	20	1.253	1.208	1.44				
A 6H25-022SF0908	22	1.379	1.334	1.57	.250	1/2	7/8	#4-40
A 6H25-025SF0908	25	1.566	1.521	1.76				
A 6H25-028SF0908	28	1.754	1.709	1.95				
A 6H25-029SF0908	29	1.817	1.772	2.02		1/2	7/8	#4-40
A 6H25-030SF0908	30	1.880	1.835	2.08				
A 6H25-040SF0910	40	2.506	2.461	2.71		5/8	7/8	#4-40
A 6H25-050SF0910	50	3.133	3.088	3.29				

NOTE: Pulleys with 11 to 19 grooves do not have webs.



Inch Inch Inch Inch Inch Inch Inch Inch Inch

HTD® Timing Belt Pulleys - 5 mm Pitch

Stock Drive Products/Sterling Instrument

Phone: 516-328-3300

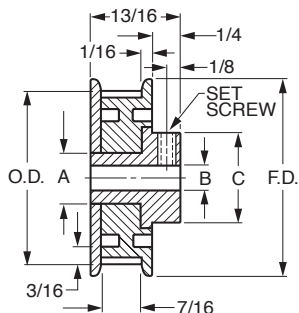
Fax: 516-326-8827

■ MOLDED WITH METAL HUB

■ **TRUE METRIC®**

PROFILE

■ DOUBLE FLANGE



FOR 9 mm BELTS (.354 INCH)



MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Hub - Aluminum Alloy, Overmolded

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
A 6J25-011DF0906	11	.689	.644	.87	.1875	3/8	1/2	#6-32
A 6J25-012DF0906	12	.752	.707	.93				
A 6J25-013DF0906	13	.815	.770	.99				
A 6J25-014DF0908	14	.877	.832	1.06				
A 6J25-015DF0908	15	.940	.895	1.19	.250	1/2	3/4	#8-32
A 6J25-016DF0908	16	1.003	.958	1.19				
A 6J25-017DF0908	17	1.065	1.020	1.24				
A 6J25-018DF0908	18	1.128	1.083	1.31				
A 6J25-019DF0908	19	1.191	1.146	1.38				
A 6J25-020DF0908	20	1.253	1.208	1.44				
A 6J25-022DF0908	22	1.379	1.334	1.57	.3125	1/2	7/8	#8-32
A 6J25-025DF0908	25	1.566	1.521	1.76				
A 6J25-028DF0908	28	1.754	1.709	1.95				
A 6J25-029DF0908	29	1.817	1.772	2.02				
A 6J25-030DF0908	30	1.880	1.835	2.08				
A 6J25-040DF0910	40	2.506	2.461	2.71		5/8	7/8	#10-32
A 6J25-050DF0910	50	3.133	3.088	3.29				

NOTE: Pulleys with 11 to 19 grooves do not have webs.

HTD® Timing Belt Pulleys - 5 mm Pitch

Stock Drive Products/Sterling Instrument

Phone: 516-326-3300

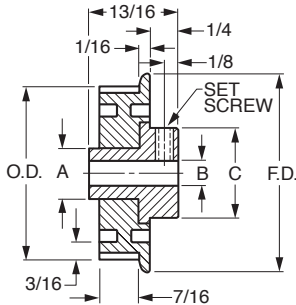
Fax: 516-326-8827

■ MOLDED WITH METAL HUB

■ **TRUE METRIC®**

PROFILE

■ SINGLE FLANGE


FOR 9 mm BELTS (.354 INCH)


MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Hub - Aluminum Alloy, Overmolded

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
A 6J25-011SF0906	11	.689	.644	.87	.1875	3/8	1/2	#6-32
A 6J25-012SF0906	12	.752	.707	.93				
A 6J25-013SF0906	13	.815	.770	.99				
A 6J25-014SF0908	14	.877	.832	1.06	.250	1/2	3/4	#8-32
A 6J25-015SF0908	15	.940	.895	1.19				
A 6J25-016SF0908	16	1.003	.958	1.19				
A 6J25-017SF0908	17	1.065	1.020	1.24		1/2	3/4	#8-32
A 6J25-018SF0908	18	1.128	1.083	1.31				
A 6J25-019SF0908	19	1.191	1.146	1.38				
A 6J25-020SF0908	20	1.253	1.208	1.44				
A 6J25-022SF0908	22	1.379	1.334	1.57	.3125	1/2	7/8	#8-32
A 6J25-025SF0908	25	1.566	1.521	1.76				
A 6J25-028SF0908	28	1.754	1.709	1.95				
A 6J25-029SF0908	29	1.817	1.772	2.02		5/8	7/8	#10-32
A 6J25-030SF0908	30	1.880	1.835	2.08				
A 6J25-040SF0910	40	2.506	2.461	2.71				
A 6J25-050SF0910	50	3.133	3.088	3.29				

NOTE: Pulleys with 11 to 19 grooves do not have webs.



Inch Inch Inch Inch Inch Inch Inch Inch Inch

HTD® Timing Belt Pulleys - 5 mm Pitch

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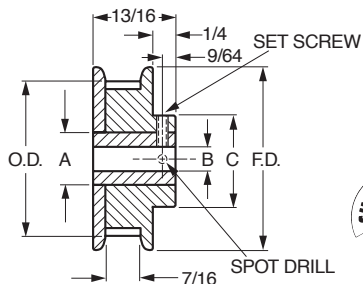
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Fax: 516-326-8827

■ MOLDED WITH INSERT

■ **TRUE METRIC®** PROFILE

■ DOUBLE FLANGE


FOR 9 mm BELTS (.354 INCH)

MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled

All Dimensions In Inches

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
A 6Z25-011DF0906 A 6Z25-011DF0908	11	.689	.644	.87	.1875 .250	3/8	11/16	#6-32
A 6Z25-012DF0906 A 6Z25-012DF0908	12	.752	.707	.93	.1875 .250			
A 6Z25-013DF0906 A 6Z25-013DF0908	13	.815	.770	.99	.1875 .250			
A 6Z25-014DF0906 A 6Z25-014DF0908	14	.877	.832	1.06	.1875 .250			
A 6Z25-015DF0908 A 6Z25-015DF0910 A 6Z25-015DF0912	15	.940	.895	1.19	.250 .3125 .375	1/2	3/4	#8-32
A 6Z25-016DF0908 A 6Z25-016DF0910 A 6Z25-016DF0912	16	1.003	.958	1.19	.250 .3125 .375			
A 6Z25-017DF0908 A 6Z25-017DF0910 A 6Z25-017DF0912	17	1.065	1.020	1.24	.250 .3125 .375			
A 6Z25-018DF0908 A 6Z25-018DF0910 A 6Z25-018DF0912	18	1.128	1.083	1.31	.250 .3125 .375			
A 6Z25-019DF0908 A 6Z25-019DF0910 A 6Z25-019DF0912	19	1.191	1.146	1.38	.250 .3125 .375			

Continued on the next page



Inch Inch Inch Inch Inch Inch Inch Inch Inch

HTD® Timing Belt Pulleys - 5 mm Pitch

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■ MOLDED WITH INSERT

■ **TRUE METRIC®** PROFILE

■ DOUBLE FLANGE

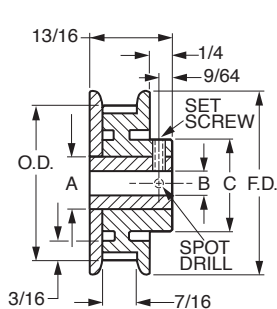


Fig. 1

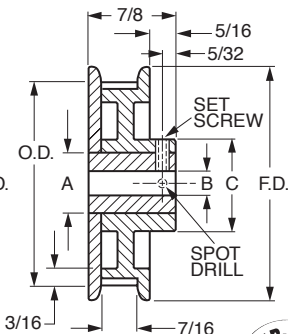


Fig. 2



FOR 9 mm BELTS (.354 INCH)

MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
A 6Z25-020DF0908 A 6Z25-020DF0910 A 6Z25-020DF0912	1	20	1.253	1.208	1.44	.250 .3125 .375	1/2	3/4	#8-32
A 6Z25-022DF0908 A 6Z25-022DF0910 A 6Z25-022DF0912		22	1.379	1.334	1.57	.250 .3125 .375	1/2	7/8	#8-32
A 6Z25-025DF0908 A 6Z25-025DF0910 A 6Z25-025DF0912		25	1.566	1.521	1.76	.250 .3125 .375	1/2	7/8	#8-32
A 6Z25-028DF0908 A 6Z25-028DF0910 A 6Z25-028DF0912		28	1.754	1.709	1.95	.250 .3125 .375	1/2	7/8	#8-32
A 6Z25-029DF0908 A 6Z25-029DF0910 A 6Z25-029DF0912		29	1.817	1.772	2.02	.250 .3125 .375	1/2	7/8	#8-32
A 6Z25-030DF0908 A 6Z25-030DF0910 A 6Z25-030DF0912		30	1.880	1.835	2.08	.250 .3125 .375	1/2	7/8	#8-32
A 6Z25-040DF0910 A 6Z25-040DF0912 A 6Z25-040DF0916		40	2.506	2.461	2.71	.3125 .375 .500	5/8	7/8	#10-32
A 6Z25-050DF0910 A 6Z25-050DF0912 A 6Z25-050DF0916	2	50	3.133	3.088	3.29	.3125 .375 .500	5/8	7/8	#10-32



Inch Inch Inch Inch Inch Inch Inch Inch Inch

HTD® Timing Belt Pulleys - 5 mm Pitch

Stock Drive Products/Sterling Instrument

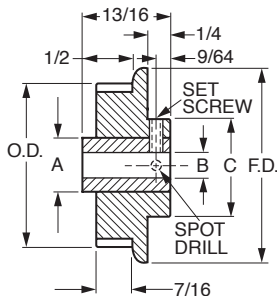
Phone: 516-326-3300

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■ MOLDED WITH INSERT

■ **TRUE METRIC®** PROFILE

■ SINGLE FLANGE



FOR 9 mm BELTS (.354 INCH)

MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
A 6Z25-011SF0906 A 6Z25-011SF0908	11	.689	.644	.87	.1875 .250	3/8	11/16	#6-32
A 6Z25-012SF0906 A 6Z25-012SF0908	12	.752	.707	.93	.1875 .250	3/8	11/16	#6-32
A 6Z25-013SF0906 A 6Z25-013SF0908	13	.815	.770	.99	.1875 .250	3/8	11/16	#6-32
A 6Z25-014SF0906 A 6Z25-014SF0908	14	.877	.832	1.06	.1875 .250	3/8	11/16	#6-32
A 6Z25-015SF0908 A 6Z25-015SF0910 A 6Z25-015SF0912	15	.940	.895	1.19	.250 .3125 .375	1/2	3/4	#8-32
A 6Z25-016SF0908 A 6Z25-016SF0910 A 6Z25-016SF0912	16	1.003	.958	1.19	.250 .3125 .375	1/2	3/4	#8-32
A 6Z25-017SF0908 A 6Z25-017SF0910 A 6Z25-017SF0912	17	1.065	1.020	1.24	.250 .3125 .375	1/2	3/4	#8-32
A 6Z25-018SF0908 A 6Z25-018SF0910 A 6Z25-018SF0912	18	1.128	1.083	1.31	.250 .3125 .375	1/2	3/4	#8-32
A 6Z25-019SF0908 A 6Z25-019SF0910 A 6Z25-019SF0912	19	1.191	1.146	1.38	.250 .3125 .375	1/2	3/4	#8-32

Continued on the next page



Inch Inch Inch Inch Inch Inch Inch Inch Inch

HTD® Timing Belt Pulleys - 5 mm Pitch

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■ MOLDED WITH INSERT

■ **TRUE METRIC®** PROFILE

■ SINGLE FLANGE

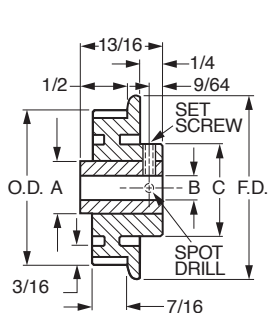


Fig. 1

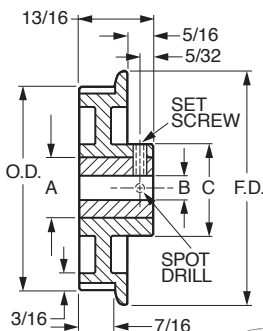


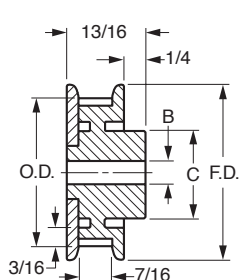
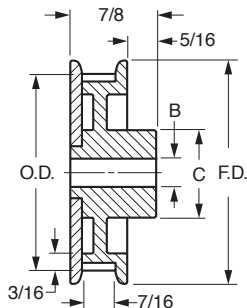
Fig. 2



FOR 9 mm BELTS (.354 INCH)

MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
A 6Z25-020SF0908 A 6Z25-020SF0910 A 6Z25-020SF0912	1	20	1.253	1.208	1.44	.250 .3125 .375	1/2	3/4	#8-32
A 6Z25-022SF0908 A 6Z25-022SF0910 A 6Z25-022SF0912		22	1.379	1.334	1.57	.250 .3125 .375	1/2	7/8	#8-32
A 6Z25-025SF0908 A 6Z25-025SF0910 A 6Z25-025SF0912		25	1.566	1.521	1.76	.250 .3125 .375	1/2	7/8	#8-32
A 6Z25-028SF0908 A 6Z25-028SF0910 A 6Z25-028SF0912		28	1.754	1.709	1.95	.250 .3125 .375	1/2	7/8	#8-32
A 6Z25-029SF0908 A 6Z25-029SF0910 A 6Z25-029SF0912		29	1.817	1.772	2.02	.250 .3125 .375	1/2	7/8	#8-32
A 6Z25-030SF0908 A 6Z25-030SF0910 A 6Z25-030SF0912		30	1.880	1.835	2.08	.250 .3125 .375	1/2	7/8	#8-32
A 6Z25-040SF0910 A 6Z25-040SF0912 A 6Z25-040SF0916		40	2.506	2.461	2.71	.3125 .375 .500	5/8	7/8	#10-32
A 6Z25-050SF0910 A 6Z25-050SF0912 A 6Z25-050SF0916		50	3.133	3.088	3.29	.3125 .375 .500	5/8	7/8	#10-32

■ MOLDED
■ TRUE METRIC® PROFILE
■ DOUBLE FLANGE

Fig. 1

Fig. 2

FOR 9 mm BELTS (.354 INCH)
MATERIAL: Polycarbonate, Fiberglass Reinforced

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	C Hub Dia.
A 6L25-011DF0906	1	11	.689	.644	.87	.1875	11/16
A 6L25-012DF0906		12	.752	.707	.93		
A 6L25-013DF0906		13	.815	.770	.99		
A 6L25-014DF0906		14	.877	.832	1.06		
A 6L25-015DF0908		15	.940	.895	1.19	.250	3/4
A 6L25-016DF0908		16	1.003	.958	1.19		
A 6L25-017DF0908		17	1.065	1.020	1.24		
A 6L25-018DF0908		18	1.128	1.083	1.31		3/4
A 6L25-019DF0908		19	1.191	1.146	1.38		
A 6L25-020DF0908		20	1.253	1.208	1.44		
A 6L25-022DF0908		22	1.379	1.334	1.57		7/8
A 6L25-025DF0908		25	1.566	1.521	1.76		
A 6L25-028DF0908		28	1.754	1.709	1.95		
A 6L25-029DF0908		29	1.817	1.772	2.02		
A 6L25-030DF0908		30	1.880	1.835	2.08		
A 6L25-040DF0910	2	40	2.506	2.461	2.71	.3125	7/8
A 6L25-050DF0910		50	3.133	3.088	3.29		

NOTE: Pulleys with 11 to 19 grooves do not have webs.

Did You Know?

...We have a well-equipped machine shop with state-of-the-art machinery.
We can customize to your specifications for a nominal fee.



HTD® Timing Belt Pulleys - 5 mm Pitch

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■ MOLDED

■ **TRUE METRIC®** PROFILE

■ SINGLE FLANGE

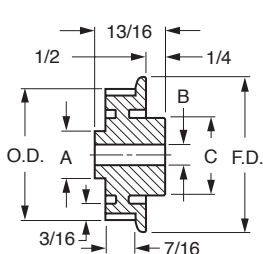


Fig. 1

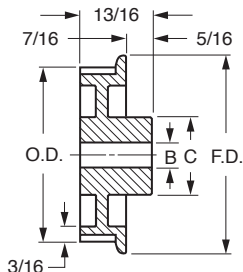


Fig. 2


FOR 9 mm BELTS (.354 INCH)
MATERIAL: Polycarbonate, Fiberglass Reinforced

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.
A 6L25-011SF0906	1	11	.689	.644	.87	.1875	3/8	11/16
A 6L25-012SF0906		12	.752	.707	.93			
A 6L25-013SF0906		13	.815	.770	.99			
A 6L25-014SF0906		14	.877	.832	1.06			
A 6L25-015SF0908		15	.940	.895	1.19	.250	3/8	3/4
A 6L25-016SF0908		16	1.003	.958	1.19		1/2	
A 6L25-017SF0908		17	1.065	1.020	1.24		1/2	
A 6L25-018SF0908		18	1.128	1.083	1.31		1/2	3/4
A 6L25-019SF0908		19	1.191	1.146	1.38			
A 6L25-020SF0908		20	1.253	1.208	1.44			
A 6L25-022SF0908		22	1.379	1.334	1.57		1/2	7/8
A 6L25-025SF0908		25	1.566	1.521	1.76			
A 6L25-028SF0908		28	1.754	1.709	1.95			
A 6L25-029SF0908		29	1.817	1.772	2.02			
A 6L25-030SF0908		30	1.880	1.835	2.08			
A 6L25-040SF0910	2	40	2.506	2.461	2.71	.3125	—	7/8
A 6L25-050SF0910		50	3.133	3.088	3.29			

NOTE: Pulleys with 11 to 19 grooves do not have webs.

Did You Know?

... That Fairloc® is a specially designed hub fastening device that has many unique advantages over set screw, keyway or clamp type?



Inch Inch Inch Inch Inch Inch Inch Inch Inch Inch

HTD® Timing Belt Pulleys - 5 mm Pitch

Stock Drive Products/Sterling Instrument ■ Phone: 516-326-3300 ■ Fax: 516-326-8827

■ MOLDED WITH INSERT

■ **TRUE METRIC®** PROFILE

■ DOUBLE FLANGE

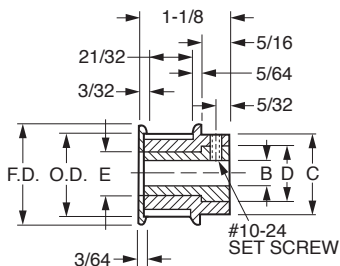


Fig. 1



FOR 15 mm BELTS (.591 INCH)

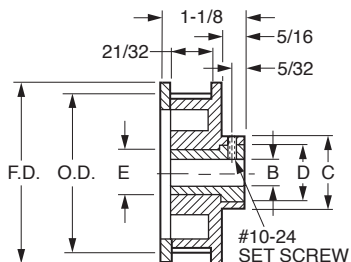


Fig. 2

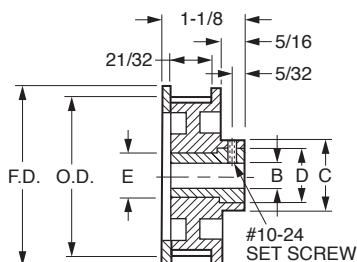


Fig. 3

MATERIAL: Pulley – Nylon – Black, Fiberglass Reinforced
 Insert – Aluminum, Knurled

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	C Hub Dia.	Insert Dia.'s		
								D O.D.	E Step	
A 6E25-12DF1508	1	12	.752	.707	.87	.2505	3/4	5/8	7/16	
A 6E25-14DF1508		14	.877	.832	1.00			9/16		
A 6E25-16DF1508		16	1.003	.958	1.09		7/8	3/4	21/32	
A 6E25-18DF1508		18	1.128	1.083	1.25		1-1/4	1-1/8	7/8	
A 6E25-20DF1508		20	1.253	1.208	1.37		1-1/4	1-1/8	15/16	
A 6E25-22DF1508		22	1.379	1.334	1.50				1	
A 6E25-24DF1508	24	1.504	1.459	1.61						
A 6E25-28DF1508	2	28	1.754	1.709						1.87
A 6E25-30DF1508		30	1.880	1.835						2.00
A 6E25-32DF1508	3	32	2.005	1.960	2.12	.313	1-1/4	1-1/8	1	
A 6E25-36DF1510		36	2.256	2.211	2.41					
A 6E25-40DF1510		40	2.506	2.461	2.71					
A 6E25-42DF1510		42	2.632	2.587	2.79					
A 6E25-48DF1510		48	3.008	2.963	3.13	.3755				
A 6E25-50DF1512		50	3.133	3.088	3.26					
A 6E25-60DF1512		60	3.760	3.715	3.89					
A 6E25-62DF1512		62	3.885	3.840	4.03					

HTD® Timing Belt Pulleys - 5 mm Pitch

Stock Drive Products/Sterling Instrument

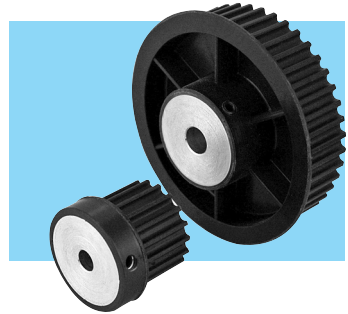
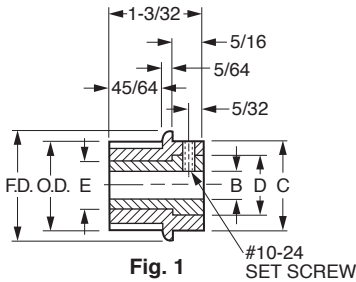
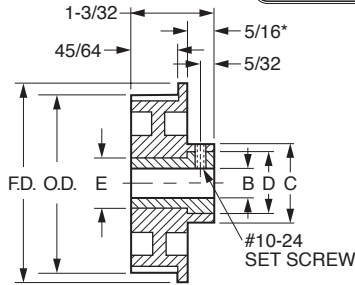
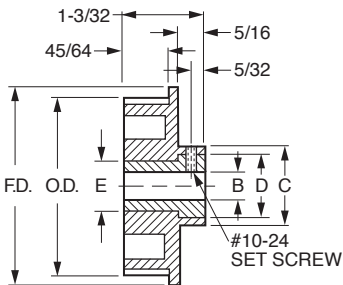
Phone: 516-326-3300

Fax: 516-326-8827

■ MOLDED WITH INSERT

■ **TRUE METRIC®** PROFILE

■ SINGLE FLANGE

**FOR 15 mm BELTS (.591 INCH)**

MATERIAL: Pulley – Nylon – Black, Fiberglass Reinforced
 Insert – Aluminum, Knurled

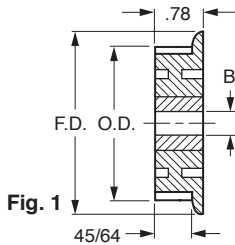
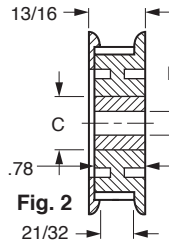
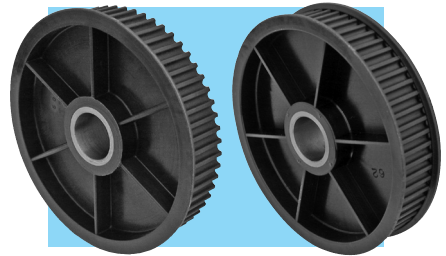
Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	C Hub Dia.	Insert Dia.'s	
								D O.D.	E Step
A 6E25-12SF1508	1	12	.752	.707	.87	.2505	3/4 7/8	5/8	7/16
A 6E25-16SF1508		16	1.003	.958	1.09			3/4	21/32
A 6E25-18SF1508		18	1.128	1.083	1.25			7/8	1
A 6E25-22SF1508		22	1.379	1.334	1.50				
A 6E25-28SF1508	2	28	1.754	1.709	1.87	.313	1-1/4	1-1/8	1
A 6E25-36SF1510	3	36	2.256	2.211	2.41				
A 6E25-38SF1510		38	2.381	2.336	2.54				
A 6E25-40SF1510		40	2.506	2.461	2.71				
A 6E25-42SF1510		42	2.632	2.587	2.79				
A 6E25-44SF1510		44	2.757	2.712	2.91				
A 6E25-56SF1512		56	3.509	3.464	3.63	.3755			
A 6E25-60SF1512		60	3.760	3.715	3.89				
A 6E25-62SF1512		62	3.885	3.840	4.10				
*A 6E25-72SF1512		72	4.511	4.466	4.67				

*Hub projection is 1/2 & overall length is 1-9/32.

Shaftloc™ HTD® Pulleys - 5 mm Pitch

Phone: 516-328-3300

Fax: 516-326-8827

MOLDED WITH METAL INSERT
SINGLE OR DOUBLE FLANGE

Fig. 1

Fig. 2

MATERIAL: Pulley - Nylon - Black, Fiberglass Reinforced
 Insert - Steel, Overmolded

FOR 15 mm BELTS (.591 INCH)

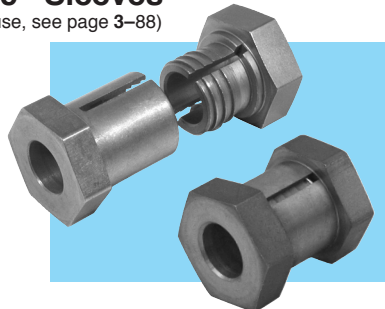
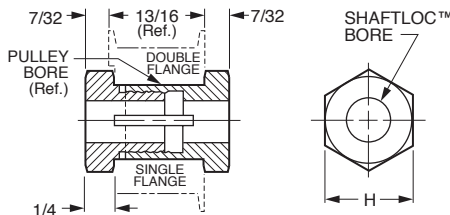
Catalog Number		No. of Grooves	P.D.	O.D.	F.D.	B +.002 -.000	C
Single Flange - Fig. 1	Double Flange - Fig. 2						
A 6T25-H19SF1520	A 6T25-H19DF1520	19	1.191	1.146	1.31	.625	3/4
A 6T25-H20SF1524	A 6T25-H20DF1524	20	1.253	1.208	1.37		
A 6T25-H22SF1524	A 6T25-H22DF1524	22	1.379	1.334	1.50		
A 6T25-H24SF1524	A 6T25-H24DF1524	24	1.504	1.459	1.62		
A 6T25-H28SF1524	A 6T25-H28DF1524	28	1.754	1.709	1.87		
A 6T25-H30SF1524	A 6T25-H30DF1524	30	1.880	1.835	2.00		
A 6T25-H32SF1524	A 6T25-H32DF1524	32	2.005	1.960	2.12	.750	1
A 6T25-H36SF1524	A 6T25-H36DF1524	36	2.256	2.211	2.41		
A 6T25-H38SF1524	—	38	2.381	2.336	2.54		
A 6T25-H40SF1524	—	40	2.506	2.461	2.66		
A 6T25-H42SF1524	—	42	2.632	2.587	2.79		
A 6T25-H44SF1524	—	44	2.757	2.712	2.91		
A 6T25-H48SF1524	—	48	3.008	2.963	3.16		
A 6T25-H50SF1524	—	50	3.133	3.088	3.26		
A 6T25-H56SF1524	—	56	3.509	3.464	3.66		
A 6T25-H60SF1524	—	60	3.760	3.715	3.92		
A 6T25-H62SF1524	A 6T25-H62DF1524	62	3.885	3.840	4.03		
A 6T25-H64SF1524	—	64	4.010	3.965	4.16		
* A 6T25-H72SF1524	—	72	4.511	4.466	4.66		
A 6T25-H80SF1524	—	80	5.013	4.968	5.16		

NOTE: Pulleys with 19 to 24 grooves do not have webs.

*Pulley has a steel insert, 1-1/2 across flats.

Applicable Shaftloc™ Sleeves

(For Shaftloc™ Introduction and use, see page 3-88)

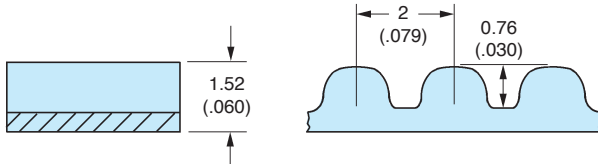

MATERIAL: 416 Stainless Steel

SLEEVES Catalog Number	Pulley Bore (Ref.)	Shaftloc Bore +.001, -.000	H Hex Size	Max. ^A Torque Capacity lb.in.
A 7Z37-030578	.625	.375	3/4	250
A 7Z37-040670	.750	.500	7/8	

^ABased on mating components being degreased before assembly with Shaftloc® coupling.

SDPSI	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>	<i>Inch/Metric</i>
GT®2 Timing Belts - 2 mm Pitch					
Stock Drive Products/Sterling Instrument		Phone: 516-328-3300		Fax: 516-326-8827	

■ **TRUE METRIC®** PROFILE ■ **NEOPRENE** ■ **3, 6 & 9 mm WIDE**



NOTE: Dimensions in () are inch size.



CATALOG NUMBER DESIGNATION:

A 6 R 5 1 M [] [] [] [] []

No. of Grooves
(See tables below)

Width Code
(See right)

Width Code	Belt Width	Equivalent Inch Width
030	3 mm	.118
060	6 mm	.236
090	9 mm	.354

Example: A 6R51M086060 is an 86 Groove 6 mm Wide Belt.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene

BREAKING STRENGTH: 86 N per 1 mm (62 lbs. per 1/8 in.) Belt Width; not representative of the load-carrying capacity of the belt

WORKING TENSION: 111 N for 25.4 mm Belt (25 lbs. for 1 in. Belt). For more on Working Tension, see the technical section.

TEMPERATURE RANGE: -34°C to +85°C (-30°F to +185°F)

No. of Grooves	Pitch Length	
	mm	Inch
37	74	2.913
38	76	2.992
50	100	3.937
56	112	4.409
63	126	4.961
65	130	5.118
66	132	5.197
67	134	5.276
68	136	5.354
70	140	5.512
71	142	5.591
76	152	5.984
79	158	6.220
80	160	6.299
82	164	6.457
83	166	6.535
84	168	6.614
86	172	6.772
90	180	7.087
93	186	7.323
96	192	7.559
100	200	7.874
101	202	7.953
104	208	8.189

No. of Grooves	Pitch Length	
	mm	Inch
105	210	8.268
106	212	8.346
108	216	8.504
110	220	8.661
112	224	8.819
116	232	9.134
120	240	9.449
121	242	9.528
125	250	9.842
126	252	9.921
132	264	10.394
139	278	10.945
140	280	11.024
143	286	11.260
144	288	11.339
150	300	11.811
159	318	12.520
160	320	12.598
161	322	12.677
173	346	13.622
175	350	13.779
178	356	14.016
182	364	14.331
190	380	14.961

No. of Grooves	Pitch Length	
	mm	Inch
193	386	15.197
196	392	15.433
200	400	15.748
203	406	15.984
210	420	16.535
214	428	16.850
215	430	16.929
228	456	17.953
235	470	18.504
237	474	18.661
244	488	19.213
251	502	19.764
252	504	19.842
264	528	20.787
272	544	21.417
276	552	21.732
288	576	22.677
300	600	23.622
320	640	25.197
330	660	25.984
348	696	27.401
372	744	29.291
582	1164	45.827
850	1700	66.929

Special Widths - cut to size from sleeves available from stock.

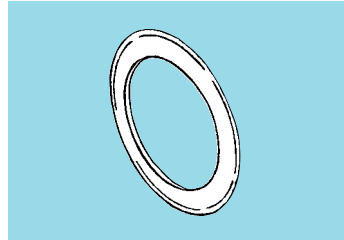
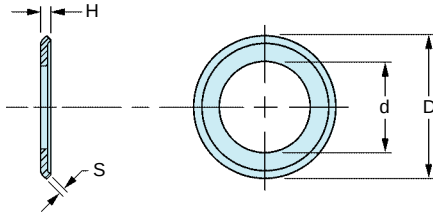


INCH/ METRIC

Pulley Flanges For GT®2 - 2 mm Pitch

■ TRUE METRIC® PROFILE

■ ALUMINUM



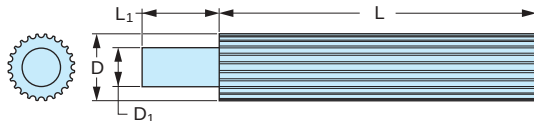
MATERIAL: Aluminum Alloy

Priced Per 25 Pieces

Catalog Number	Pulley Grooves (Ref.)	Metric		Inch		H Width ±0.25 (±.010)	S Thickness
		d ±0.08	D ±0.4	d ±.003	D ±1/64		
A 6A50M010FA	10	4.8	10.8	.188	.425	1.14 (.045)	0.64 (.025)
A 6A50M011FA	11	5.4	11.4	.214	.450		
A 6A50M012FA	12	5.5	12.2	.218	.480		
A 6A50M013FA	13	6.2	12.8	.244	.505		
A 6A50M014FA	14	6.9	13.5	.270	.530		
A 6A50M015FA	15	7.5	14.1	.296	.555	1.32 (.052)	0.81 (.032)
A 6A50M016FA	16	8.2	14.7	.322	.580		
A 6A50M018FA	18	9.5	16.1	.374	.635		
A 6A50M020FA	20	10.8	17.4	.426	.685		
A 6A50M021FA	21	11.5	18	.452	.710		
A 6A50M022FA	22	11.5	18.8	.452	.740		
A 6A50M024FA	24	12.8	20	.504	.790		
A 6A50M025FA	25	13.5	20.7	.530	.815		
A 6A50M026FA	26	14.1	21.3	.556	.840		
A 6A50M028FA	28	14.6	22.7	.574	.895		
A 6A50M030FA	30	15.9	24	.626	.945		
A 6A50M032FA	32	17.2	25.4	.678	1.000		
A 6A50M033FA	33	17.9	26	.704	1.025		
A 6A50M034FA	34	18.3	26.7	.722	1.050		
A 6A50M035FA	35	19	27.4	.748	1.080	1.52 (.060)	1.02 (.040)
A 6A50M036FA	36	19.7	28.1	.774	1.105		
A 6A50M038FA	38	21	29.3	.826	1.155		
A 6A50M040FA	40	22.2	30.7	.874	1.210		
A 6A50M042FA	42	23.5	32	.926	1.260		
A 6A50M044FA	44	24.8	33.4	.978	1.315		
A 6A50M045FA	45	26.5	34	1.044	1.340		
A 6A50M048FA	48	26.9	36.1	1.058	1.420		
A 6A50M050FA	50	28.2	37.3	1.110	1.470		
A 6A50M054FA	54	30.5	40	1.200	1.575		
A 6A50M060FA	60	34.4	43.9	1.356	1.730		

SDP/SI	Inch/Metric	Inch/Metric	Inch/Metric	Inch/Metric	Inch/Metric
GT®2 Timing Pulley Stock - 2 mm Pitch					
Stock Drive Products/Sterling Instrument		Phone: 516-328-3300		Fax: 516-326-8827	

■ **TRUE METRIC®** PROFILE



■ **ALUMINUM**



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Metric		Inch		D ₁ ** Shank Dia.	L ₁ Shank Length (Ref.)	L Min. Usable Length
		P.D.	D*	P.D.	D*			
A 6A50M010GT05	10	6.4	5.9	.251	.231	7.9 (5/16)	25 (1)	50 (2)
A 6A50M011GT05	11	7	6.5	.276	.256			
A 6A50M012GT05	12	7.6	7.1	.301	.281			
A 6A50M013GT05	13	8.3	7.8	.326	.306			
A 6A50M014GT08	14	8.9	8.4	.351	.331	9.5 (3/8)	25 (1)	75 (3)
A 6A50M015GT08	15	9.6	9	.376	.356			
A 6A50M016GT08	16	10.2	9.7	.401	.381			
A 6A50M017GT08	17	10.8	10.3	.426	.406			
A 6A50M018GT08	18	11.5	11	.451	.431	9.5 (3/8)	22 (7/8)	100 (4)
A 6A50M019GT08	19	12.1	11.6	.476	.456			
A 6A50M020GT10	20	12.7	12.2	.501	.481			
A 6A50M021GT10	21	13.4	12.9	.526	.506			
A 6A50M022GT10	22	14	13.5	.551	.531	12.7 (1/2)	25 (1)	125 (5)
A 6A50M023GT10	23	14.6	14.1	.576	.556			
A 6A50M024GT13	24	15.3	14.8	.602	.582			
A 6A50M025GT13	25	15.9	15.4	.627	.607			
A 6A50M026GT13	26	16.5	16	.652	.632	12.7 (1/2)	25 (1)	150 (6)
A 6A50M027GT13	27	17.2	16.7	.677	.657			
A 6A50M028GT13	28	17.8	17.6	.702	.682			
A 6A50M029GT13	29	18.5	18	.727	.707			
A 6A50M030GT15	30	19.1	18.6	.752	.732	12.7 (1/2)	25 (1)	175 (7)
A 6A50M031GT15	31	19.7	19.2	.777	.757			
A 6A50M032GT15	32	20.4	19.9	.802	.782			
A 6A50M033GT15	33	21	20.5	.827	.807			
A 6A50M034GT15	34	21.6	21.1	.852	.832	12.7 (1/2)	25 (1)	175 (7)
A 6A50M035GT15	35	22.3	21.8	.877	.857			
A 6A50M036GT15	36	22.9	22.4	.902	.882			
A 6A50M037GT15	37	23.5	23	.927	.907			
A 6A50M038GT15	38	24.2	23.7	.952	.932	12.7 (1/2)	25 (1)	175 (7)
A 6A50M039GT15	39	24.8	24.3	.977	.957			
A 6A50M040GT18	40	25.5	25	1.003	.983			

NOTE: Dimensions in () are inch size.

Continued on the next page

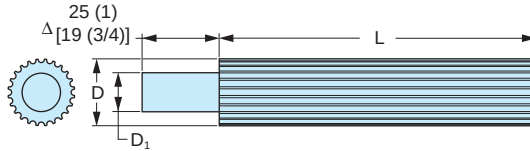
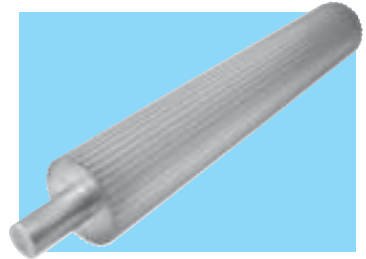
* D Tolerance: From 10 to 40 grooves is +0.05 (+.002, -.000).

** Shank Diameter of 4.7 (3/16) or 5.5 (7/32) for pulleys with 10 to 12 grooves may be substituted at SDP option.

Shank Diameter of 6.3 (1/4) for pulleys with 13 & 14 grooves may be substituted at SDP option.

Shank Diameter of 7.9 (5/16) for pulleys with 15 to 17 grooves may be substituted at SDP option.

Δ Dimension in [] may be substituted at SDP option.

GT®2 Timing Pulley Stock - 2 mm Pitch
Stock Drive Products/Sterling Instrument
Phone: 516-328-3300
Fax: 516-326-8827
TRUE METRIC® PROFILE

ALUMINUM

MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Metric		Inch		D ₁ Shank Dia.	L Min. Usable Length
		P.D.	D*	P.D.	D*		
A 6A50M042GT18	42	26.7	26.2	1.053	1.033	12.7 (1/2)	175 (7)
A 6A50M044GT18	44	28	27.5	1.103	1.083		
A 6A50M045GT18	45	28.7	28.1	1.128	1.108		
A 6A50M048GT18	48	30.6	30.1	1.203	1.183		
A 6A50M049GT18	49	31.2	30.7	1.228	1.208		
A 6A50M050GT18	50	31.8	31.3	1.253	1.233		
A 6A50M051GT18	51	32.5	32	1.278	1.258		
A 6A50M052GT18	52	33.1	32.6	1.303	1.283	12.7 (1/2)	200 (8)
A 6A50M054GT18	54	34.4	33.9	1.353	1.333		
A 6A50M055GT18	55	35	34.5	1.379	1.359		
A 6A50M056GT18	56	35.7	35.1	1.404	1.384		
A 6A50M057GT18	57	36.3	35.8	1.429	1.409		
A 6A50M060GT20	60	38.2	37.7	1.504	1.484		
A 6A50M064GT20	64	40.7	40.2	1.604	1.584		
A 6A50M065GT20	65	41.4	40.9	1.629	1.609	19.1 (3/4)	200 (8)
A 6A50M066GT20	66	42	41.5	1.654	1.634		
A 6A50M070GT20	70	44.6	44.1	1.754	1.734		
A 6A50M072GT20	72	45.8	45.3	1.805	1.785		
A 6A50M075GT20	75	47.8	47.2	1.880	1.860		
A 6A50M080GT20	80	50.9	50.4	2.005	1.985		
A 6A50M082GT20	82	52.2	51.7	2.055	2.035		
A 6A50M084GT20	84	53.5	53	2.105	2.085	19.1 (3/4)	200 (8)
A 6A50M088GT20	88	56	55.5	2.206	2.186		
A 6A50M090GT20	90	57.3	56.8	2.256	2.236		
A 6A50M096GT20	96	61.1	60.6	2.406	2.386		
A 6A50M098GT20	98	62.4	61.9	2.456	2.436		
A 6A50M100GT20	100	63.7	63.2	2.506	2.486		
A 6A50M102GT20	102	64.9	64.4	2.557	2.537		
A 6A50M108GT20	108	68.8	68.3	2.707	2.687	19.1 (3/4)	200 (8)
A 6A50M110GT20	110	70	69.5	2.757	2.737		
A 6A50M120GT20	120	76.4	75.9	3.008	2.988		
A 6A50M130GT20	130	82.8	82.3	3.258	3.238		
A 6A50M140GT20	140	89.1	88.6	3.509	3.489		
A 6A50M150GT20	150	95.5	95	3.760	3.740		

NOTE: Dimensions in () are inch size.

* D Tolerance: From 42 to 80 grooves is +0.08 (+.003, -.000)
From 82 to 150 grooves is +0.10 (+.004, -.000)

Δ Dimension in [] may be substituted at SDP option.



SDP/SI
Stock Drive Products/Sterling Instrument

GT®2 Timing Belt Pulleys - 2 mm Pitch

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■ TRUE METRIC® PROFILE

■ FAIRLOC® HUB

■ DOUBLE OR NO FLANGE

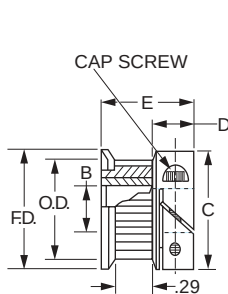


Fig. 1

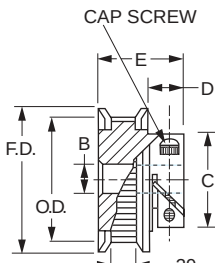


Fig. 2

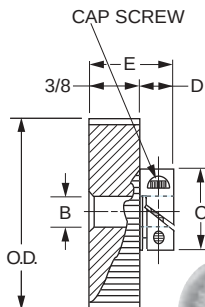


Fig. 3



MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

FOR 6 mm BELTS (.236 INCH)

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 -.000	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	Cap Screw	
A 6D51-015DF0606	1	15	.376	.356	.555	.1875	9/16	.580	15/64	#2-56	
A 6D51-016DF0606		16	.401	.381	.580			.580			
A 6D51-018DF0606		18	.451	.431	.625			.625			
A 6D51-020DF0606		20	.501	.481	.685	.1875	9/16	.625	15/64	#2-56	
A 6D51-022DF0606		22	.551	.531	.740	.1875	9/16	.625	15/64	#2-56	
A 6D51-024DF0608		24	.602	.582	.790	.250	11/16		19/64	#4-40	
A 6D51-025DF0608		25	.627	.607	.815	.250	11/16	.625	19/64	#4-40	
A 6D51-028DF0608		28	.702	.682	.895						
A 6D51-030DF0608	30	.752	.732	.945							
A 6D51-032DF0608	32	.802	.782	1.000							
A 6D51-036DF0608	2	36	.902	.882	1.105	.250	11/16	.625	19/64	#4-40	
A 6D51-040DF0608		40	1.003	.983	1.210		23/32		5/16		
A 6D51-045DF0608		45	1.128	1.108	1.340		23/32	.625	5/16		
A 6D51-048DF0608		48	1.203	1.183	1.420		23/32	.625	5/16		#4-40
A 6D51-050DF0608		50	1.253	1.233	1.470						
A 6D51-060DF0608		60	1.504	1.484	1.730						
A 6D51-060NF0608	3	60	1.504	1.484	—	.250	3/4	.750	3/8	#4-40	
A 6D51-072NF0608		72	1.805	1.785		.250		.750		#4-40	
A 6D51-080NF0610		80	2.005	1.985		.3125		1.000		#6-32	
A 6D51-090NF0610		90	2.256	2.236		.3125		1.000		#6-32	
A 6D51-100NF0610		100	2.506	2.486		.3125					
A 6D51-120NF0612		120	3.008	2.988		.375					

NOTE: Other sizes available on special order.

*O.D. Tolerance: 15 to 40 grooves is +.002, -.000.
45 to 80 grooves is +.003, -.000.
90 to 120 grooves is +.004, -.000.

SDPSI

Inch Inch Inch Inch Inch Inch Inch Inch Inch

GT®2 Timing Belt Pulleys - 2 mm Pitch

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■ TRUE METRIC® PROFILE

■ ALUMINUM

■ DOUBLE FLANGE

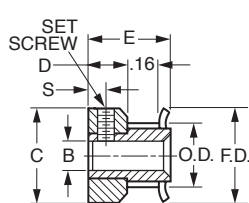


Fig. 1

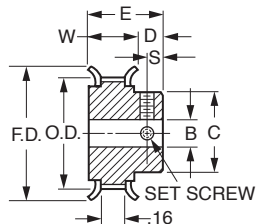
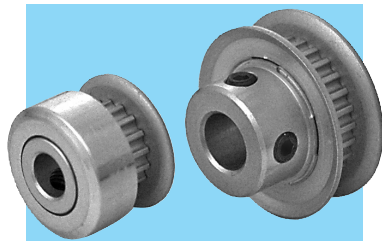


Fig. 2



FOR 3 mm BELTS (.118 INCH)

MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 -.000	W Body	E Lgth. ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A51-012DF0304	1	12	.301	.281	.480	.125	—	7/16	.480	15/64	7/64	#4-40
A 6A51-013DF0304		13	.326	.306	.505				.505			
A 6A51-014DF0304		14	.351	.331	.530				.530			
A 6A51-015DF0306		15	.376	.356	.555				.555			
A 6A51-016DF0306		16	.401	.381	.580				.580			
A 6A51-017DF0306	2	17	.426	.406	.635	.1875	.260	31/64	.312	7/32	7/64	#4-40
A 6A51-017DF0308	1					.250	—	7/16	.635	15/64	7/64	#6-40
A 6A51-018DF0306	2	18	.451	.431	.635	.1875	.260	31/64	.312	7/32	7/64	#4-40
A 6A51-018DF0308	1					.250	—	7/16	.635	15/64	7/64	#6-40
A 6A51-019DF0306	2	19	.476	.456	.635	.1875	.260	31/64	.312	7/32	7/64	#4-40
A 6A51-019DF0308	1					.250	—	7/16	.635	15/64	7/64	#6-40
A 6A51-020DF0306	2	20	.501	.481	.685	.1875	.260	31/64	.364	7/32	7/64	#4-40
A 6A51-020DF0308	1					.250	—	7/16	.685	15/64	7/64	#6-40
A 6A51-021DF0306	2	21	.526	.506	.710	.1875	.260	31/64	.390	7/32	7/64	#4-40
A 6A51-021DF0308	1					.250	—	7/16	.710	15/64	7/64	#6-40
A 6A51-022DF0306	2	22	.551	.531	.740	.1875	.260	31/64	.390	7/32	7/64	#4-40
A 6A51-022DF0308	1					.250	—	7/16	.740	15/64	7/64	#6-40
A 6A51-024DF0308	2	24	.602	.582	.790	.250	.260	33/64	.442	1/4	1/8	#6-40
A 6A51-025DF0308		25	.627	.607	.815				.468			
A 6A51-026DF0308		26	.652	.632	.840				.490			
A 6A51-028DF0308		28	.702	.682	.895				.494			
A 6A51-030DF0308		30	.752	.732	.945		.260	33/64	.546	1/4	1/8	#8-32
A 6A51-032DF0308		32	.802	.782	1.000				.598			
A 6A51-036DF0308		36	.902	.882	1.105				.676			
A 6A51-040DF0308		40	1.003	.983	1.210				.754			
A 6A51-042DF0308		42	1.053	1.033	1.260		.276	17/32	.806	1/4	1/8	#8-32
A 6A51-044DF0308		44	1.103	1.083	1.315				.858			
A 6A51-045DF0308		45	1.128	1.108	1.340				.900			
A 6A51-048DF0308		48	1.203	1.183	1.420				.936			
A 6A51-050DF0308		50	1.253	1.233	1.470		.276	17/32	.936	1/4	1/8	#8-32
A 6A51-056DF0308		56	1.404	1.384	1.575				1.030			
A 6A51-060DF0308		60	1.504	1.484	1.730				1.222			

NOTE: Pulleys with 12 to 16 grooves have 1 set screw; others have 2 at 90°.

*O.D. Tolerance: 12 to 40 grooves is +.002, -.000
42 to 60 grooves is +.003, -.000



GT®2 Timing Belt Pulleys - 2 mm Pitch

■ TRUE METRIC® PROFILE ■ ALUMINUM ■ FOR 6 mm BELTS (.236 INCH)

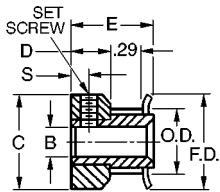


Fig. 1

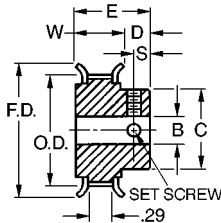


Fig. 2

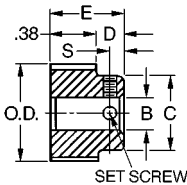
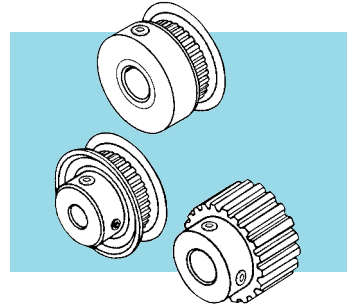


Fig. 3



MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 -.000	W	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A51-012DF0604	1	12	.301	.281	.480	.125	—	9/16	.480	15/64	7/64	#4-40
A 6A51-013DF0604		13	.326	.306	.505	.125	—	9/16	.505	15/64	7/64	#4-40
A 6A51-014DF0604		14	.351	.331	.530	.125	—	9/16	.530	15/64	7/64	#4-40
A 6A51-015DF0606		15	.376	.356	.555	.1875	—	9/16	.555	15/64	7/64	#6-40
A 6A51-016DF0606	2	16	.401	.381	.580	.1875	.389	9/16	.580	15/64	7/64	#6-40
A 6A51-017DF0606		17	.426	.406	.635	.1875	.389	5/8	.312	15/64	7/64	#4-40
A 6A51-018DF0606	2	18	.451	.431	.635	.1875	.389	9/16	.312	15/64	7/64	#4-40
A 6A51-018DF0608		18	.451	.431	.635	.250	.389	9/16	.635	15/64	7/64	#6-40
A 6A51-019DF0606	2	19	.476	.456	.635	.1875	.389	5/8	.338	15/64	7/64	#4-40
A 6A51-019DF0608		19	.476	.456	.635	.250	.389	9/16	.635	15/64	7/64	#6-40
A 6A51-020DF0606	2	20	.501	.481	.685	.1875	.389	5/8	.364	15/64	7/64	#4-40
A 6A51-020DF0608		20	.501	.481	.685	.250	.389	9/16	.685	15/64	7/64	#6-40
A 6A51-021DF0606	2	21	.526	.506	.710	.1875	.389	5/8	.390	15/64	7/64	#4-40
A 6A51-021DF0608		21	.526	.506	.710	.250	.389	9/16	.710	15/64	7/64	#6-40
A 6A51-022DF0606	2	22	.551	.531	.740	.1875	.389	5/8	.390	15/64	7/64	#4-40
A 6A51-022DF0608		22	.551	.531	.740	.250	.389	9/16	.740	15/64	7/64	#6-40
A 6A51-024DF0608	2	24	.602	.582	.790	.250	.389	11/16	.442	19/64	5/32	#6-40
A 6A51-025DF0608		25	.627	.607	.815				.468			
A 6A51-026DF0608		26	.652	.632	.840				.490			
A 6A51-028DF0608		28	.702	.682	.895				.494			
A 6A51-030DF0608	2	30	.752	.732	.945	.250	.389	11/16	.546	19/64	5/32	#8-32
A 6A51-032DF0608		32	.802	.782	1.000				.598			
A 6A51-036DF0608		36	.902	.882	1.105				.676			
A 6A51-040DF0608		40	1.003	.983	1.210				.754			
A 6A51-042DF0608	2	42	1.053	1.033	1.260	.250	.405	23/32	.806	5/16	5/32	#8-32
A 6A51-044DF0608		44	1.103	1.083	1.315				.858			
A 6A51-045DF0608		45	1.128	1.108	1.340				.900			
A 6A51-048DF0608		48	1.203	1.183	1.420				.936			
A 6A51-050DF0608	3	50	1.253	1.233	1.470	.250	.405	23/32	.936	5/16	5/32	#8-32
A 6A51-056DF0608		56	1.404	1.384	1.575				1.030			
A 6A51-060DF0608		60	1.504	1.484	1.730				1.222			
A 6A51-060NF0608		60	1.504	1.484	—				1.148			
A 6A51-062NF0608	3	62	1.554	1.534	—	.250	—	3/4	1.148	3/8	3/16	#8-32
A 6A51-068NF0608		68	1.704	1.684	—				1.195			
A 6A51-072NF0608		72	1.805	1.785	—				1.195			
A 6A51-074NF0608		74	1.855	1.835	—				1.215			
A 6A51-080NF0610	3	80	2.005	1.985	—	.3125	—	3/4	1.500	3/8	3/16	#10-32
A 6A51-090NF0610		90	2.256	2.236	—				1.500			
A 6A51-100NF0610		100	2.506	2.486	—				1.500			
A 6A51-120NF0612		120	3.008	2.988	—				1.500			

NOTE: Pulleys with 12 to 16 grooves have 1 set screw; others have 2 at 90°.

*O.D. tolerance from: 12 to 40 grooves is +.002, -.000.
42 to 80 grooves is +.003, -.000.
90 to 120 grooves is +.004, -.000.



GT®2 Timing Belt Pulleys - 2 mm Pitch

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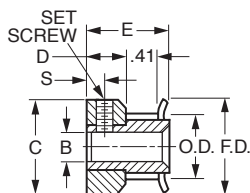


Fig. 1

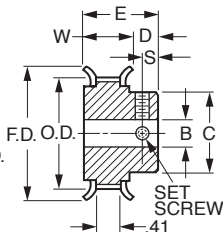


Fig. 2

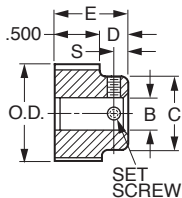
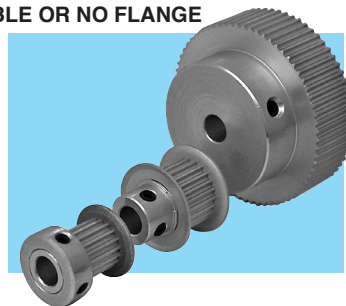


Fig. 3



MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

FOR 9 mm BELTS (.354 INCH)

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 - .000	W Body	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	S	Set Screw
A 6A51-012DF0904	1	12	.301	.281	.480	.125	—	11/16	.480	15/64	7/64	#4-40
A 6A51-013DF0904		13	.326	.306	.505	.125	—	11/16	.505	15/64	7/64	#4-40
A 6A51-014DF0904		14	.351	.331	.530	.125	—	11/16	.530	15/64	7/64	#4-40
A 6A51-015DF0906		15	.376	.356	.555	.1875	—	11/16	.555	15/64	7/64	#6-40
A 6A51-016DF0906	2	16	.401	.381	.580	.1875	.514	3/4	.580	15/64	7/64	#6-40
A 6A51-017DF0906		17	.426	.406	.635	.1875	.514	3/4	.635	15/64	7/64	#6-40
A 6A51-018DF0906	2	18	.451	.431	.635	.1875	.514	3/4	.635	15/64	7/64	#6-40
A 6A51-018DF0908		1	.451	.431	.635	.1875	.514	3/4	.635	15/64	7/64	#6-40
A 6A51-019DF0906	2	19	.476	.456	.635	.1875	.514	3/4	.635	15/64	7/64	#4-40
A 6A51-019DF0908		1	.476	.456	.635	.1875	.514	3/4	.635	15/64	7/64	#4-40
A 6A51-020DF0906	2	20	.501	.481	.685	.1875	.514	3/4	.685	15/64	7/64	#4-40
A 6A51-020DF0908		1	.501	.481	.685	.1875	.514	3/4	.685	15/64	7/64	#4-40
A 6A51-021DF0906	2	21	.526	.506	.710	.1875	.514	3/4	.710	15/64	7/64	#4-40
A 6A51-021DF0908		1	.526	.506	.710	.1875	.514	3/4	.710	15/64	7/64	#4-40
A 6A51-022DF0906	2	22	.551	.531	.740	.1875	.514	3/4	.740	15/64	7/64	#4-40
A 6A51-022DF0908		1	.551	.531	.740	.1875	.514	3/4	.740	15/64	7/64	#4-40
A 6A51-024DF0908	2	24	.602	.582	.790	.514	13/16	.442	.790	19/64	5/32	#6-40
A 6A51-025DF0908		25	.627	.607	.815	.514	13/16	.468	.815	19/64	5/32	#6-40
A 6A51-026DF0908		26	.652	.632	.840	.514	13/16	.490	.840	19/64	5/32	#6-40
A 6A51-028DF0908		28	.702	.682	.895	.514	13/16	.494	.895	19/64	5/32	#6-40
A 6A51-030DF0908	2	30	.752	.732	.945	.514	13/16	.546	.945	19/64	5/32	#8-32
A 6A51-032DF0908		32	.802	.782	1.000	.514	13/16	.598	1.000	19/64	5/32	#8-32
A 6A51-036DF0908		36	.902	.882	1.105	.514	13/16	.676	1.105	19/64	5/32	#8-32
A 6A51-040DF0908		40	1.003	.983	1.210	.514	13/16	.754	1.210	19/64	5/32	#8-32
A 6A51-042DF0908	2	42	1.053	1.033	1.260	.530	27/32	.806	1.260	5/16	5/32	#8-32
A 6A51-044DF0908		44	1.103	1.083	1.315	.530	27/32	.858	1.315	5/16	5/32	#8-32
A 6A51-045DF0908		45	1.128	1.108	1.340	.530	27/32	.900	1.340	5/16	5/32	#8-32
A 6A51-048DF0908		48	1.203	1.183	1.420	.530	27/32	.936	1.420	5/16	5/32	#8-32
A 6A51-050DF0908	3	50	1.253	1.233	1.470	.375	—	.936	1.470	3/8	3/16	#8-32
A 6A51-056DF0908		56	1.404	1.384	1.575	.375	—	1.030	1.575	3/8	3/16	#8-32
A 6A51-060DF0908		60	1.504	1.484	1.730	.375	—	1.222	1.730	3/8	3/16	#10-32
A 6A51-060NF0908		60	1.504	1.484	—	.375	—	1.148	—	3/8	3/16	#8-32
A 6A51-062NF0908	3	62	1.554	1.534	—	.375	—	1.148	—	3/8	3/16	#8-32
A 6A51-068NF0908		68	1.704	1.684	—	.375	—	1.195	—	3/8	3/16	#8-32
A 6A51-072NF0908		72	1.805	1.785	—	.375	—	1.195	—	3/8	3/16	#8-32
A 6A51-074NF0908		74	1.855	1.835	—	.375	—	1.215	—	3/8	3/16	#8-32
A 6A51-080NF0910	3	80	2.005	1.985	—	.3125	—	1.500	—	3/8	3/16	#8-32
A 6A51-090NF0910		90	2.256	2.236	—	.3125	—	1.500	—	3/8	3/16	#8-32
A 6A51-100NF0910		100	2.506	2.486	—	.3125	—	1.500	—	3/8	3/16	#8-32
A 6A51-120NF0912	3	120	3.008	2.988	—	.375	—	1.500	—	3/8	3/16	#10-32

NOTE: Pulleys with 12 to 16 grooves have 1 set screw; others have 2 at 90°.

*O.D. Tolerance: 12 to 40 grooves is +.002, -.000
42 to 80 grooves is +.003, -.000
90 to 120 grooves is +.004, -.000



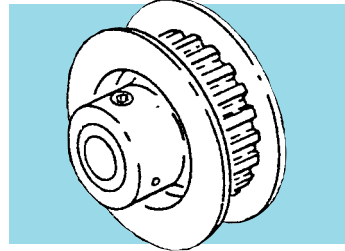
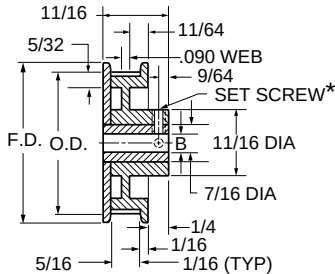
GT[®]2 Timing Belt Pulleys - 2 mm Pitch

■ MOLDED WITH INSERT

■ FOR 6 mm BELTS (.236 INCH)

■ **TRUE METRIC[®]** PROFILE

■ DOUBLE FLANGE



MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Brass, Knurled

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000
A 6Z51-036DF0606	36	.902	.882	1.09	.1875
A 6Z51-036DF0608					.250
A 6Z51-036DF0610					.3125
A 6Z51-040DF0606	40	1.003	.983	1.19	.1875
A 6Z51-040DF0608					.250
A 6Z51-040DF0610					.3125
A 6Z51-042DF0606	42	1.053	1.033	1.24	.1875
A 6Z51-042DF0608					.250
A 6Z51-042DF0610					.3125
A 6Z51-044DF0606	44	1.103	1.083	1.29	.1875
A 6Z51-044DF0608					.250
A 6Z51-044DF0610					.3125
A 6Z51-048DF0606	48	1.203	1.183	1.39	.1875
A 6Z51-048DF0608					.250
A 6Z51-048DF0610					.3125
A 6Z51-060DF0608	60	1.504	1.484	1.70	.250
A 6Z51-060DF0610					.3125
A 6Z51-065DF0608	65	1.629	1.609	1.82	.250
A 6Z51-065DF0610					.3125
A 6Z51-072DF0608	72	1.805	1.785	2.00	.250
A 6Z51-072DF0610					.3125
A 6Z51-080DF0608	80	2.005	1.985	2.21	.250
A 6Z51-080DF0610					.3125
A 6Z51-090DF0608	90	2.256	2.236	2.46	.250
A 6Z51-090DF0610					.3125
A 6Z51-100DF0608	100	2.506	2.486	2.71	.250
A 6Z51-100DF0610					.3125
A 6Z51-110DF0608	110	2.757	2.737	2.97	.250
A 6Z51-110DF0610					.3125
A 6Z51-120DF0608	120	3.008	2.988	3.22	.250
A 6Z51-120DF0610					.3125
A 6Z51-130DF0608	130	3.258	3.238	3.48	.250
A 6Z51-130DF0610					.3125

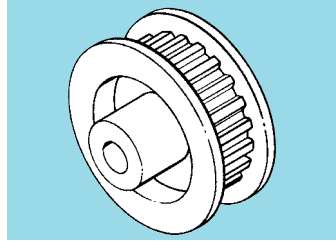
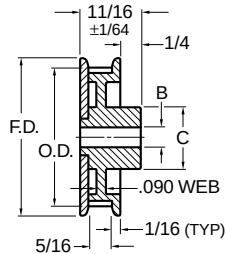
NOTE: Pulleys with 36 to 40 grooves do not have webs.

*Pulleys with: .1875 bore have #4-40 set screw & spot drill.
.250 bore have #6-32 set screw & spot drill.
.3125 bore have #8-32 set screw & spot drill.



GT®2 Timing Belt Pulleys - 2 mm Pitch

- MOLDED
- FOR 6 mm BELTS (.236 INCH)
- **TRUE METRIC®** PROFILE
- DOUBLE FLANGE



MATERIAL: Polycarbonate, Fiberglass Reinforced

Catalog Number	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	C Hub Dia.	
A 6L51-012DF0604	12	.301	.281	.47	.125	7/16	
A 6L51-013DF0604	13	.326	.306	.51			
A 6L51-014DF0604	14	.351	.331	.53			
A 6L51-015DF0604	15	.376	.356	.55			
A 6L51-016DF0604	16	.401	.381	.58			
A 6L51-018DF0606	18	.451	.431	.63	.1875	1/2	
A 6L51-020DF0606	20	.501	.481	.68			
A 6L51-021DF0606	21	.526	.506	.70			
A 6L51-022DF0606	22	.551	.531	.73			
A 6L51-024DF0606	24	.602	.582	.78			
A 6L51-028DF0608	28	.702	.682	.88	.250	11/16	
A 6L51-030DF0608	30	.752	.732	.93		11/16	
A 6L51-032DF0608	32	.802	.782	.98			
A 6L51-036DF0608	36	.902	.882	1.09			
A 6L51-040DF0608	40	1.003	.983	1.19		11/16	
A 6L51-042DF0608	42	1.053	1.033	1.24	.3125		
A 6L51-044DF0608	44	1.103	1.083	1.29			11/16
A 6L51-048DF0608	48	1.203	1.183	1.39			
A 6L51-060DF0608	60	1.504	1.484	1.70	.3125	11/16	
A 6L51-065DF0610	65	1.629	1.609	1.82			
A 6L51-072DF0610	72	1.805	1.785	2.00			
A 6L51-080DF0610	80	2.005	1.985	2.21			
A 6L51-090DF0610	90	2.256	2.236	2.46		.3125	11/16
A 6L51-100DF0610	100	2.506	2.486	2.71			
A 6L51-110DF0610	110	2.757	2.737	2.97			
A 6L51-120DF0610	120	3.008	2.988	3.22			
A 6L51-130DF0610	130	3.258	3.238	3.48			

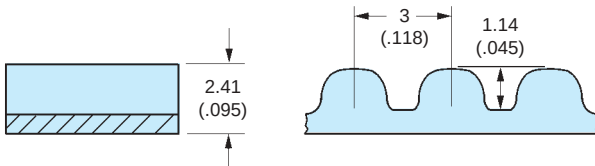
NOTES: 1. Pulleys with 12 to 40 grooves do not have webs.
2. Also available with set screws or pinning holes on special order.
3. Single flange and modifications available on request.

SDP/SI

Stock Drive Products/Sterling Instrument

Phone: 516-328-3300

Fax: 516-326-8827

GT®2 Timing Belts - 3 mm Pitch■ **TRUE METRIC®** PROFILE■ **NEOPRENE**■ **6 & 9 mm WIDE****NOTE:** Dimensions in () are inch size.**CATALOG NUMBER DESIGNATION:**

A 6 R 5 3 M

No. of Grooves — Width Code
(See tables below) (See right)

Width Code	Belt Width	Equivalent Inch Width
060	6 mm	.236
090	9 mm	.354

Example: A 6R53M085060 is an 85 Groove 6 mm Wide Belt.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene**BREAKING STRENGTH:** 158 N per 1 mm (113 lbs. per 1/8) belt width; not representative of the load-carrying capacity of the belt**WORKING TENSION:** 507 N for 25.4 mm Belt (114 lbs. for 1 in. Belt). For more on Working Tension, see the technical section.**TEMPERATURE RANGE:** -34°C to +85°C (-30°F to +185°F)

No. of Grooves	Pitch Length	
	mm	Inch
43	129	5.079
45	135	5.315
48	144	5.669
50	150	5.906
55	165	6.496
60	180	7.087
63	189	7.441
65	195	7.677
67	201	7.914
68	204	8.031
73	219	8.622
75	225	8.858
80	240	9.449
81	243	9.567
82	246	9.685
84	252	9.921
85	255	10.039
89	267	10.512
90	270	10.630
94	282	11.102
95	285	11.220

No. of Grooves	Pitch Length	
	mm	Inch
96	288	11.339
97	291	11.457
100	300	11.811
108	324	12.756
110	330	12.992
113	339	13.346
116	348	13.700
119	357	14.055
120	360	14.173
121	363	14.291
125	375	14.764
130	390	15.354
131	393	15.472
136	408	16.063
140	420	16.535
149	447	17.598
150	450	17.716
160	480	18.898
161	483	19.016
163	489	19.252
165	495	19.488

No. of Grooves	Pitch Length	
	mm	Inch
167	501	19.724
170	510	20.079
171	513	20.197
179	537	21.142
180	540	21.260
184	552	21.732
188	564	22.205
190	570	22.441
200	600	23.622
210	630	24.803
228	684	26.929
250	750	29.527
280	840	33.071
283	849	33.425
308	924	36.378
315	945	37.205
350	1050	41.338
360	1080	42.520
512	1536	60.472
529	1587	62.480
687	2061	81.142

Special Widths - cut to size from sleeves available from stock.

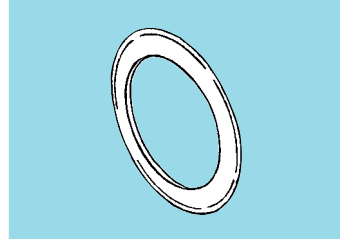
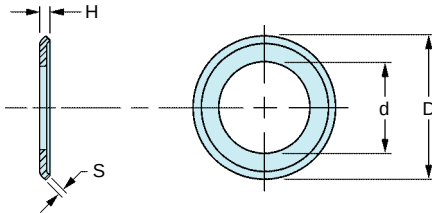


INCH/ METRIC

Pulley Flanges For GT®2 - 3 mm Pitch

■ TRUE METRIC® PROFILE

■ ALUMINUM



MATERIAL: Aluminum

Priced Per 25 Pieces

Catalog Number	Pulley Grooves (Ref.)	Metric		Inch		H Width ± 0.25 (± .010)	S Thickness
		d ± 0.08	D ± 0.4	d ± .003	D ± 1/64		
A 6A52M010FA	10	6.2	12.8	.244	.505	1.14 (.045)	0.64 (.025)
A 6A52M011FA	11	6.86	13.5	.270	.530		
A 6A52M012FA	12	8.18	14.7	.322	.580		
A 6A52M013FA	13	8.89	15.5	.350	.610	1.32 (.052)	0.81 (.032)
A 6A52M014FA	14	9.5	16.1	.374	.635		
A 6A52M015FA	15	10.82	17.4	.426	.685		
A 6A52M016FA	16	11.48	18	.452	.710		
A 6A52M017FA	17	11.48	18.8	.452	.740		
A 6A52M018FA	18	12.8	20	.504	.790		
A 6A52M019FA	19	13.46	20.7	.530	.815		
A 6A52M020FA	20	14.58	22.7	.574	.895		
A 6A52M022FA	22	15.9	24	.626	.945		
A 6A52M024FA	24	17.88	26	.704	1.025		
A 6A52M025FA	25	18.75	26.9	.738	1.060	1.52 (.060)	1.02 (.040)
A 6A52M026FA	26	19.66	28.1	.774	1.105		
A 6A52M028FA	28	21.56	29.8	.849	1.173		
A 6A52M030FA	30	23.47	31.8	.924	1.250		
A 6A52M032FA	32	25.38	33.6	.999	1.323		
A 6A52M034FA	34	27.28	35.5	1.074	1.398		
A 6A52M036FA	36	29.18	37.4	1.149	1.473	1.52 (.060)	1.02 (.040)
A 6A52M038FA	38	31.12	39.4	1.225	1.549		
A 6A52M040FA	40	33.02	41.3	1.300	1.625		
A 6A52M044FA	44	36.83	45.1	1.450	1.775		

NOTE: Dimensions in () are inch size.

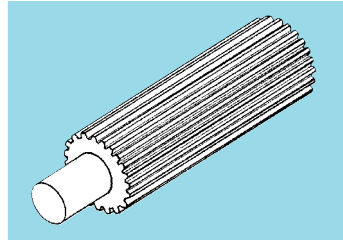
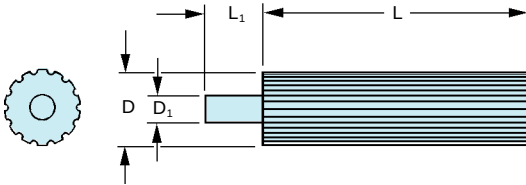


INCH/ METRIC

GT®2 Timing Pulley Stock - 3 mm Pitch

■ TRUE METRIC® PROFILE

■ ALUMINUM



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Metric		Inch		D1** Shank Dia.	L1 Shank Length (Ref.)	L Min. Usable Length
		P.D.	D*	P.D.	D*			
A 6A52M009GT08	9	8.6	7.83	.338	.308	4.7 (3/16)	25 (1)	75 (3)
A 6A52M010GT08	10	9.5	8.79	.376	.346			
A 6A52M011GT08	11	10.5	9.74	.414	.384	6.3 (1/4)	22 (7/8)	100 (4)
A 6A52M012GT10	12	11.5	10.7	.451	.421			
A 6A52M013GT10	13	12.4	11.65	.489	.459	7.9 (5/16)		
A 6A52M014GT10	14	13.4	12.61	.526	.496		25 (1) [19 (3/4)] ^Δ	125 (5)
A 6A52M015GT10	15	14.3	13.56	.564	.534	9.5 (3/8)		
A 6A52M016GT13	16	15.3	14.52	.602	.572			
A 6A52M017GT13	17	16.2	15.47	.639	.609			
A 6A52M018GT13	18	17.2	16.43	.677	.647			150 (6)
A 6A52M019GT13	19	18.1	17.38	.714	.684			
A 6A52M020GT15	20	19.1	18.34	.752	.722			
A 6A52M021GT15	21	20.1	19.29	.790	.760			
A 6A52M022GT15	22	21	20.25	.827	.797			
A 6A52M023GT15	23	22	21.2	.865	.835			
A 6A52M024GT15	24	22.9	22.16	.902	.872			175 (7)
A 6A52M025GT15	25	23.9	23.11	.940	.910			
A 6A52M026GT15	26	24.8	24.07	.977	.947			
A 6A52M027GT15	27	25.8	25.02	1.015	.985			
A 6A52M028GT15	28	26.7	25.98	1.053	1.023			
A 6A52M029GT15	29	27.7	26.93	1.090	1.060			
A 6A52M030GT18	30	28.6	27.89	1.128	1.098			
A 6A52M031GT18	31	29.6	28.84	1.165	1.135			
A 6A52M032GT18	32	30.6	29.8	1.203	1.173			
A 6A52M033GT18	33	31.5	30.75	1.241	1.211			
A 6A52M034GT18	34	32.5	31.71	1.278	1.248			
A 6A52M035GT18	35	33.4	32.66	1.316	1.286			

NOTE: Dimensions in () are inch size.

Continued on the next page

* D Tolerance: From 9 to 27 grooves is +0.05 (+.002, -.000).
From 28 to 35 grooves is +0.08 (+.003, -.000).

** Shank Diameter of 9.5 (3/8) for pulleys with 9 to 12 grooves may be substituted at SDP option.
Shank Diameter of 11.1 (7/16) for pulleys with 13 & 14 grooves may be substituted at SDP option.

Δ Dimension in [] may be substituted at SDP option.



Inch/Metric

Inch/Metric

Inch/Metric

Inch/Metric

Inch/Metric

GT[®]2 Timing Pulley Stock - 3 mm Pitch

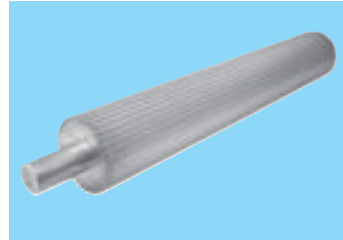
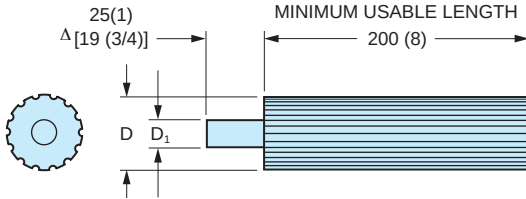
Stock Drive Products/Sterling Instrument

Phone: 516-328-3300

Fax: 516-326-8827

TRUE METRIC[®] PROFILE

ALUMINUM



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Metric		Inch		D ₁ Shank Dia.
		P.D.	D*	P.D.	D*	
A 6A52M036GT20	36	34.4	33.62	1.353	1.323	12.7 (1/2)
A 6A52M037GT20	37	35.3	34.57	1.391	1.361	
A 6A52M038GT20	38	36.3	35.53	1.429	1.399	
A 6A52M039GT20	39	37.2	36.48	1.466	1.436	
A 6A52M040GT20	40	38.2	37.44	1.504	1.474	
A 6A52M042GT20	42	40.1	39.35	1.579	1.549	
A 6A52M044GT20	44	42	41.25	1.654	1.624	19.1 (3/4)
A 6A52M045GT20	45	43	42.21	1.692	1.662	
A 6A52M048GT20	48	45.8	45.07	1.805	1.775	
A 6A52M050GT20	50	47.7	46.98	1.880	1.850	
A 6A52M052GT20	52	49.7	48.89	1.955	1.925	
A 6A52M054GT20	54	51.6	50.8	2.030	2.000	
A 6A52M056GT20	56	53.5	52.71	2.105	2.075	
A 6A52M060GT20	60	57.3	56.53	2.256	2.226	
A 6A52M062GT20	62	59.2	58.44	2.331	2.301	
A 6A52M064GT20	64	61.1	60.35	2.406	2.376	
A 6A52M066GT20	66	63	62.26	2.481	2.451	25.4 (1)
A 6A52M068GT20	68	64.9	64.17	2.557	2.527	
A 6A52M070GT20	70	66.8	66.08	2.632	2.602	
A 6A52M072GT20	72	68.8	67.99	2.707	2.677	
A 6A52M075GT20	75	71.6	70.86	2.820	2.790	
A 6A52M080GT20	80	76.4	75.63	3.008	2.978	
A 6A52M090GT20	90	85.9	85.18	3.384	3.354	
A 6A52M100GT20	100	95.5	94.73	3.760	3.730	
A 6A52M110GT20	110	105	104.28	4.136	4.106	
A 6A52M120GT20	120	114.6	113.83	4.511	4.481	
A 6A52M130GT20	130	124.1	123.38	4.887	4.857	
A 6A52M140GT20	140	133.7	132.93	5.263	5.233	
A 6A52M150GT20	150	143.2	142.48	5.639	5.609	
A 6A52M160GT20	160	152.8	152.03	6.015	5.985	

NOTE: Dimensions in () are inch size.

* D Tolerance: From 36 to 52 grooves is +0.08 (+.003, -.000).
 From 54 to 100 grooves is +0.10 (+.004, -.000).
 From 110 to 160 grooves is +0.13 (+.005, -.000).

Δ Dimension in [] may be substituted at SDP option.

GT®2 Timing Belt Pulleys - 3 mm Pitch

■ TRUE METRIC® PROFILE

■ ALUMINUM

■ FAIRLOC® HUB

■ DOUBLE OR NO FLANGE

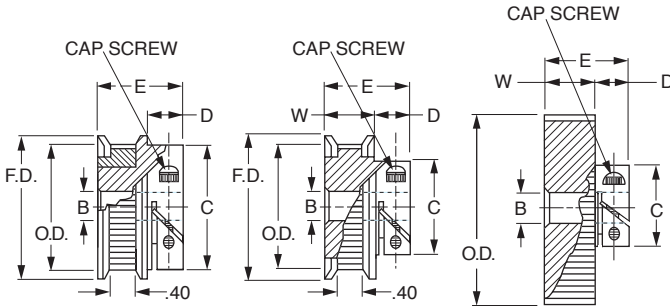
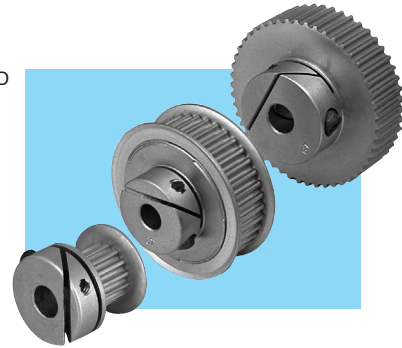


Fig. 1

Fig. 2

Fig. 3


FOR 9 mm BELTS (.354 INCH)
MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 -.000	W	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	Cap Screw	
A 6D53-018DF0908	1	18	.677	.647	.790	.250	—	13/16	3/4	19/64	#6-32	
A 6D53-020DF0908		20	.752	.722	.895							
A 6D53-022DF0908		22	.827	.797	.945							
A 6D53-024DF0908		24	.902	.872	1.025		—	13/16	3/4	19/64	#6-32	
A 6D53-025DF0908		25	.940	.910	1.060							
A 6D53-026DF0908		26	.977	.947	1.105							
A 6D53-030DF0908	2	30	1.128	1.098	1.250	.250	.506	13/16		19/64	#6-32	
A 6D53-032DF0908		32	1.203	1.173	1.323		.506	13/16	3/4	19/64		
A 6D53-034DF0908		34	1.278	1.248	1.398		.527	27/32		5/16		
A 6D53-036DF0908		36	1.353	1.323	1.473		.527	27/32	3/4	5/16		#6-32
A 6D53-038DF0908		38	1.429	1.399	1.549							
A 6D53-040DF0908		40	1.504	1.474	1.625							
A 6D53-045DF0908		45	1.692	1.662	1.775							
A 6D53-034NF0908		3	34	1.278	1.248		—	.250	.527	27/32		3/4
A 6D53-036NF0908	36		1.353	1.323								
A 6D53-038NF0908	38		1.429	1.399	.250	.527		27/32	3/4	5/16	#6-32	
A 6D53-040NF0908	40		1.504	1.474	.250	.527		27/32	3/4	5/16		
A 6D53-045NF0910	45		1.692	1.662	.3125	.500		7/8	1	3/8		
A 6D53-048NF0910	48		1.805	1.775	.3125	.500		7/8	1	3/8	#6-32	
A 6D53-050NF0910	50		1.880	1.850								
A 6D53-056NF0910	56		2.105	2.075								
A 6D53-060NF0910	60		2.256	2.226								
A 6D53-072NF0910	72		2.707	2.677	.500	7/8		1	3/8	#6-32		
A 6D53-080NF0910	80	3.008	2.978									

NOTE: Other sizes available on special order.

*O.D. Tolerance: 18 to 26 grooves is +.002, -.000.
30 to 50 grooves is +.003, -.000.
56 to 80 grooves is +.004, -.000.



GT®2 Timing Belt Pulleys - 3 mm Pitch

■ TRUE METRIC® PROFILE ■ ALUMINUM

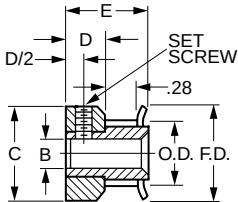


Fig. 1

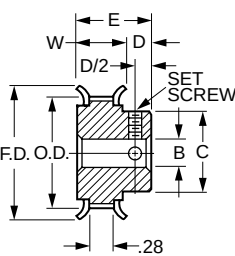


Fig. 2

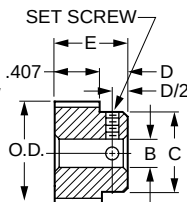
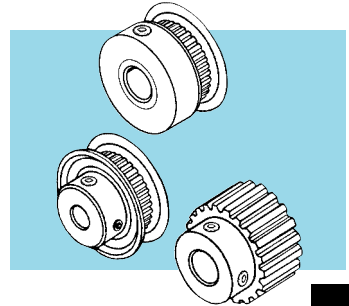


Fig. 3



MATERIAL: Aluminum Alloy
FINISH: Clear Anodized

FOR 6 mm BELTS (.236 INCH)

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.* +.003 -.000	F.D. ± 1/64	B Bore +.001 -.000	W	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	Set Screw
A 6A53-016DF0606	1	16	.602	.572	.710	.1875	—	9/16	.710	15/64	#6-40
A 6A53-017DF0606		17	.639	.609	.740				.740		
A 6A53-018DF0608		18	.677	.647	.790				.442		
A 6A53-019DF0608	2	19	.714	.684	.815	.250	.386	11/16	.468	19/64	#8-32
A 6A53-020DF0608		20	.752	.722	.895				.500		
A 6A53-021DF0608		21	.790	.760	.895				.500		
A 6A53-022DF0608		22	.827	.797	.945		.386	11/16	.562	19/64	#8-32
A 6A53-024DF0608		24	.902	.872	1.025				.625		
A 6A53-025DF0608		25	.940	.910	1.060				.625		
A 6A53-026DF0608		26	.977	.947	1.105		.386	11/16	.701	19/64	#8-32
A 6A53-028DF0608		28	1.053	1.023	1.173				.776		
A 6A53-030DF0608		30	1.128	1.098	1.250				.851		
A 6A53-032DF0608		32	1.203	1.173	1.323		.407	23/32	.921	5/16	#8-32
A 6A53-034DF0608		34	1.278	1.248	1.398				1.000		
A 6A53-036DF0608		36	1.353	1.323	1.473				1.075		
A 6A53-038DF0608		38	1.429	1.399	1.549		.407	23/32	1.150	5/16	#8-32
A 6A53-040DF0608		40	1.504	1.474	1.625				1.300		
A 6A53-044DF0608		44	1.654	1.624	1.775				1.300		
A 6A53-045DF0608		45	1.692	1.662	1.775				1.300		
A 6A53-034NF0608	3	34	1.278	1.248	—	.250	—	23/32	.921	5/16	#8-32
A 6A53-036NF0608		36	1.353	1.323	—				1.000		
A 6A53-038NF0608		38	1.429	1.399	—				1.075		
A 6A53-040NF0608		40	1.504	1.474	—	.250	—	23/32	1.150	5/16	#8-32
A 6A53-044NF0608		44	1.654	1.624	—				1.300		
A 6A53-045NF0610		45	1.692	1.662	—	.3125	—	47/64	1.250	21/64	#8-32
A 6A53-048NF0610		48	1.805	1.775	—				1.250		
A 6A53-050NF0610		50	1.880	1.850	—				1.250		
A 6A53-056NF0610		56	2.105	2.075	—	.3125	—	47/64	1.250	21/64	#8-32
A 6A53-060NF0610		60	2.256	2.226	—				1.250		
A 6A53-062NF0610		62	2.331	2.301	—				1.250		
A 6A53-068NF0610		68	2.557	2.527	—	.3125	—	47/64	1.250	21/64	#8-32
A 6A53-072NF0610		72	2.707	2.677	—				1.250		
A 6A53-080NF0610		80	3.008	2.978	—				1.250		

NOTE: All pulleys have 2 set screws at 90°.

* O.D. Tolerance from 16 to 26 grooves is +.002, -.000.
28 to 50 grooves is +.003, -.000.
56 to 80 grooves is +.004, -.000.



INCH

GT®2 Timing Belt Pulleys - 3 mm Pitch

■ TRUE METRIC® PROFILE ■ ALUMINUM ■ FOR 9 mm BELTS (.354 INCH)

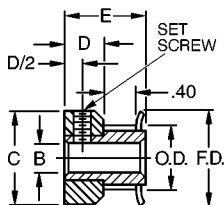


Fig. 1

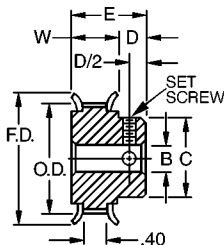


Fig. 2

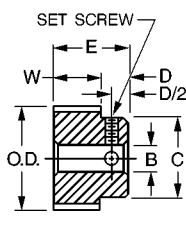
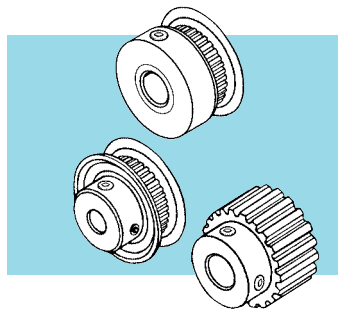


Fig. 3



MATERIAL: Aluminum Alloy

FINISH: Clear Anodized

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.*	F.D. ± 1/64	B Bore +.001 -.000	W	E Length ± 1/64	C Hub Dia. ± 1/64	D Hub Proj.	Set Screw
A 6A53-016DF0906	1	16	.602	.572	.710	.1875	—	11/16	.710	15/64	#6-40
A 6A53-017DF0906		17	.639	.609	.740						
A 6A53-018DF0908		18	.677	.647	.790						
A 6A53-019DF0908		19	.714	.684	.815						
A 6A53-020DF0908		20	.752	.722	.895						
A 6A53-021DF0908		21	.790	.760	.895						
A 6A53-022DF0908	2	22	.827	.797	.945	.250	.506	13/16	.500	19/64	#8-32
A 6A53-026DF0908		26	.977	.947	1.105						
A 6A53-028DF0908		28	1.053	1.023	1.173						
A 6A53-030DF0908		30	1.128	1.098	1.250						
A 6A53-032DF0908		32	1.203	1.173	1.323						
A 6A53-034DF0908		34	1.278	1.248	1.398						
A 6A53-036DF0908		36	1.353	1.323	1.473						
A 6A53-038DF0908		38	1.429	1.399	1.549						
A 6A53-040DF0908		40	1.504	1.474	1.625						
A 6A53-044DF0908		44	1.654	1.624	1.775						
A 6A53-045DF0908		45	1.692	1.662	1.775						
A 6A53-034NF0908	3	34	1.278	1.248	—	.250	.527	27/32	.921	5/16	#8/32
A 6A53-036NF0908		36	1.353	1.323							
A 6A53-038NF0908		38	1.429	1.399							
A 6A53-040NF0908		40	1.504	1.474							
A 6A53-044NF0908		44	1.654	1.624	—	.250	.527	27/32	1.000	5/16	#8/32
A 6A53-045NF0910		45	1.692	1.662							
A 6A53-048NF0910		48	1.805	1.775							
A 6A53-050NF0910		50	1.880	1.850							
A 6A53-056NF0910		56	2.105	2.075	—	.3125	.500	7/8	1.250	3/8	#8/32
A 6A53-060NF0910		60	2.256	2.226							
A 6A53-062NF0910		62	2.331	2.301							
A 6A53-068NF0910		68	2.557	2.527							
A 6A53-072NF0910		72	2.707	2.677	—	.3125	.500	7/8	1.250	3/8	#8/32
A 6A53-080NF0910		80	3.008	2.978							

NOTE: All pulleys have 2 set screws at 90°.

* O.D. Tolerance from 16 to 26 grooves is +.002, -.000.

28 to 50 grooves is +.003, -.000.

56 to 80 grooves is +.004, -.000.



INCH

GT®2 Timing Belt Pulleys - 3 mm Pitch

- MOLDED WITH INSERT
- FOR 9 mm BELTS (.354 INCH)
- TRUE METRIC® PROFILE
- DOUBLE FLANGE

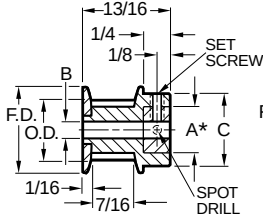


Fig. 1

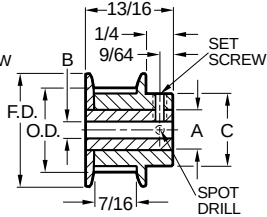
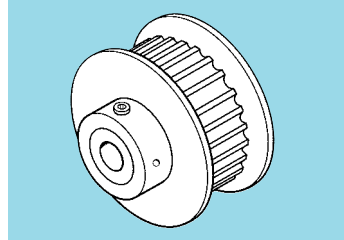


Fig. 2



MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
A 6Z53-016DF0906	1	16	.602	.572	.82	.1875	7/16*	11/16	#6-32
A 6Z53-017DF0906		17	.639	.609	.87	.1875	3/8	11/16	#6-32
A 6Z53-017DF0908						.250			
A 6Z53-018DF0906		18	.677	.647	.93	.1875	3/8	11/16	#6-32
A 6Z53-018DF0908						.250			
A 6Z53-019DF0906		19	.714	.684	.93	.1875	3/8	11/16	#6-32
A 6Z53-019DF0908						.250			
A 6Z53-020DF0906		20	.752	.722	.93	.1875	3/8	11/16	#6-32
A 6Z53-020DF0908						.250			
A 6Z53-022DF0906		22	.827	.797	1.06	.1875	3/8	11/16	#6-32
A 6Z53-022DF0908						.250			
A 6Z53-025DF0908		25	.940	.910	1.19	.3125	1/2	3/4	#8-32
A 6Z53-025DF0910						.375			
A 6Z53-025DF0912									
A 6Z53-028DF0908	2	28	1.052	1.023	1.24	.250	1/2	3/4	#8-32
A 6Z53-028DF0910						.3125			
A 6Z53-028DF0912						.375			

*1/4" long insert in hub end only.

Continued on the next page

GT[®]2 Timing Belt Pulleys - 3 mm Pitch

■ MOLDED WITH INSERT

■ **TRUE METRIC[®]** PROFILE

■ DOUBLE FLANGE

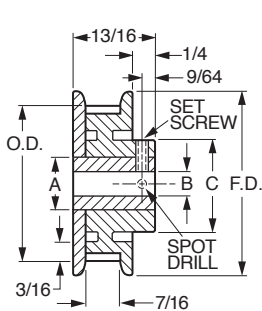


Fig. 1

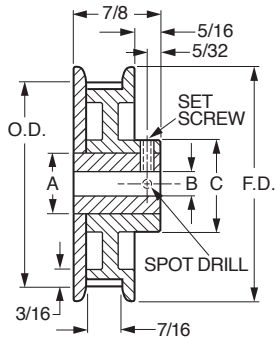
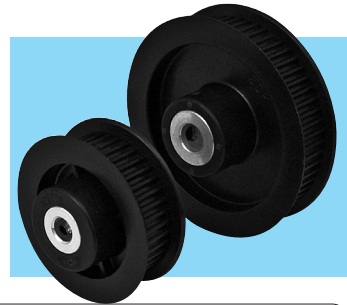


Fig. 2


FOR 9 mm BELTS (.354 INCH)

MATERIAL: Pulley – Polycarbonate, Fiberglass Reinforced
Insert – Aluminum, Knurled



Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw
A 6Z53-032DF0908 A 6Z53-032DF0910 A 6Z53-032DF0912	1	32	1.203	1.173	1.44	.250 .3125 .375	1/2	3/4	#8-32
A 6Z53-036DF0908 A 6Z53-036DF0910 A 6Z53-036DF0912		36	1.353	1.323	1.57	.250 .3125 .375	1/2	7/8	#8-32
A 6Z53-040DF0908 A 6Z53-040DF0910 A 6Z53-040DF0912		40	1.504	1.474	1.76	.250 .3125 .375	1/2	7/8	#8-32
A 6Z53-048DF0908 A 6Z53-048DF0910 A 6Z53-048DF0912		48	1.805	1.775	2.02	.250 .3125 .375	1/2	7/8	#8-32
A 6Z53-060DF0910 A 6Z53-060DF0912 A 6Z53-060DF0916	2	60	2.256	2.226	2.46	.3125 .375 .500	5/8	7/8	#10-32
A 6Z53-072DF0910 A 6Z53-072DF0912 A 6Z53-072DF0916		72	2.707	2.677	2.92	.3125 .375 .500	5/8	7/8	#10-32
A 6Z53-080DF0910 A 6Z53-080DF0912 A 6Z53-080DF0916		80	3.008	2.978	3.29	.3125 .375 .500	5/8	7/8	#10-32



INCH

GT®2 Timing Belt Pulleys - 3 mm Pitch

- MOLDED WITH INSERT
- FOR 9 mm BELTS (.354 INCH)
- **TRUE METRIC®** PROFILE
- SINGLE OR NO FLANGE

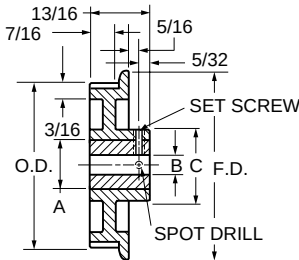


Fig. 1

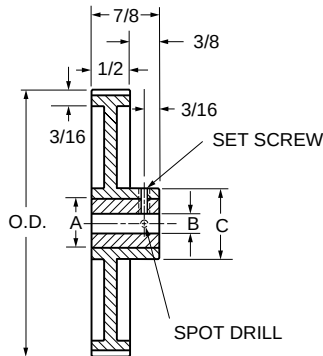
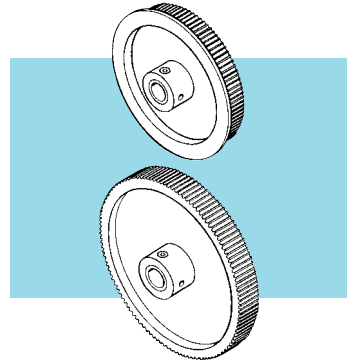


Fig. 2



MATERIAL: Pulley – Polycarbonate, Fiberglass Reinforced
Insert – Aluminum, Knurled

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	A Dia.	C Hub Dia.	Set Screw	
SINGLE FLANGE										
A 6Z53-084SF0910 A 6Z53-084SF0912 A 6Z53-084SF0916	1	84	3.158	3.128	3.38	.3125 .375 .500	5/8	7/8	#10-32	
A 6Z53-096SF0910 A 6Z53-096SF0912 A 6Z53-096SF0916						96				3.609
NO FLANGE										
A 6Z53-120NF0912 A 6Z53-120NF0916		2	120	4.511	4.481	—	.375 .500	5/8	1	#10-32

Did You Know?

...That pricing for any component in this catalog is available through the Sales Department? Simply call, fax, or write in your request for a quote for any component that you think you might want to use in your design.

TEL: 516-328-3300

FAX: 516-326-8827



GT[®]2 Timing Belt Pulleys - 3 mm Pitch

- MOLDED
- FOR 9 mm BELTS (.354 INCH)
- **TRUE METRIC[®]** PROFILE
- DOUBLE FLANGE

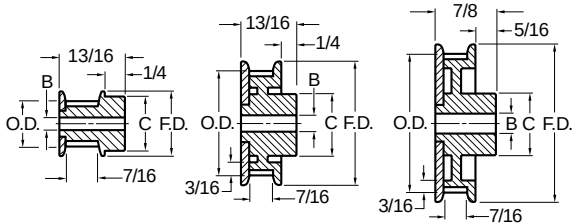
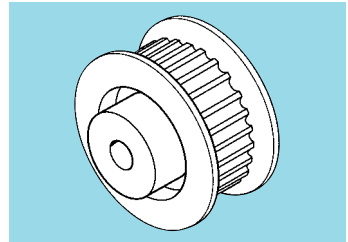


Fig. 1

Fig. 2

Fig. 3



MATERIAL: Polycarbonate, Fiberglass Reinforced

Catalog Number	Fig. No.	No. of Grooves	P.D.	O.D.	F.D.	B Bore +.001 -.000	C Hub Dia.
A 6L53-016DF0906	1	16	.602	.572	.82	.1875	11/16
A 6L53-017DF0906	2 (Solid)	17	.639	.609	.87		11/16
A 6L53-018DF0906		18	.677	.647	.93		
A 6L53-019DF0906		19	.714	.684	.93		
A 6L53-020DF0906		20	.752	.722	.93		
A 6L53-022DF0906		22	.827	.797	1.06	.250	3/4 7/8 7/8 7/8
A 6L53-025DF0908	2	25	.940	.910	1.19		
A 6L53-028DF0908		28	1.053	1.023	1.24		
A 6L53-032DF0908		32	1.203	1.173	1.44		
A 6L53-036DF0908		36	1.353	1.323	1.57		
A 6L53-040DF0908	2	40	1.504	1.474	1.76	.3125	7/8
A 6L53-048DF0908		48	1.805	1.775	2.02		
A 6L53-060DF0910		60	2.256	2.226	2.46		
A 6L53-072DF0910	3	72	2.707	2.677	2.92	.3125	7/8
A 6L53-080DF0910		80	3.008	2.978	3.29		

NOTE: Pulleys with 16 to 28 grooves do not have webs.



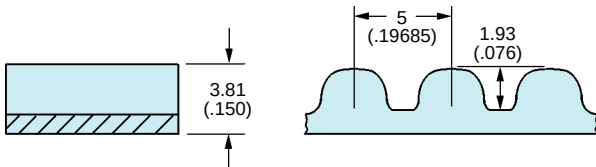
INCH/ METRIC

GT®2 Timing Belts - 5 mm Pitch

■ **TRUE METRIC®** PROFILE

■ **NEOPRENE**

■ **9 & 15 mm WIDE**



NOTE: Dimensions in () are inch size.



CATALOG NUMBER DESIGNATION:

A 6 R 5 5 M

No. of Grooves
(See tables below)

Width Code
(See right)

Width Code	Belt Width	Equivalent Inch Width
090	9 mm	.354
150	15 mm	.591

Example: A 6R55M095090 is an 95 Groove 9 mm Wide Belt.

MATERIAL: Nylon Covered, Fiberglass Reinforced, Neoprene

BREAKING STRENGTH: 315 N per 1 mm (226 lbs. per 1/8") Belt Width; not representative of the load-carrying capacity of the belt

WORKING TENSION: 712 N for 25.4 mm Belt (160 lbs. for 1" Belt). For more on Working Tension, see the Technical Information pages at the beginning of **Section 2**

TEMPERATURE RANGE: -34°C to +85°C (-30°F to +185°F)

No. of Grooves	Pitch Length	
	mm	Inch
40	200	7.874
45	225	8.858
50	250	9.842
53	265	10.433
55	275	10.827
57	285	11.220
60	300	11.811
65	325	12.795
66	330	12.992
68	340	13.386
70	350	13.780
71	355	13.976
72	360	14.173
75	375	14.764
80	400	15.748
81	405	15.945

No. of Grooves	Pitch Length	
	mm	Inch
82	410	16.142
85	425	16.732
90	450	17.716
92	460	18.110
95	475	18.701
100	500	19.685
105	525	20.669
107	535	21.063
108	540	21.260
110	550	21.654
113	565	22.244
116	580	22.835
120	600	23.622
125	625	24.606
130	650	25.590
140	700	27.559

No. of Grooves	Pitch Length	
	mm	Inch
150	750	29.528
160	800	31.496
170	850	33.465
172	860	33.858
180	900	35.433
190	950	37.401
200	1000	39.370
210	1050	41.338
230	1150	45.276
260	1300	51.181
290	1450	57.087
320	1600	62.992
344	1720	67.716
420	2100	82.677
488	2440	96.063

Special Widths - cut to size from sleeves available from stock.

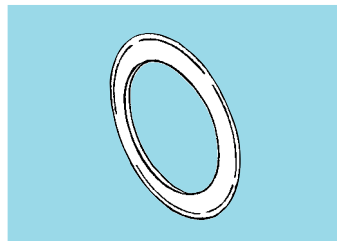
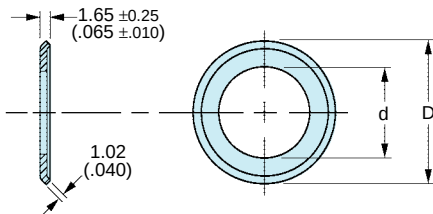


INCH/ METRIC

Pulley Flanges For GT®2 - 5 mm Pitch

■ FOR **TRUE METRIC®** PROFILE

■ ALUMINUM OR STEEL



NOTE: Dimensions in () are inch size.

MATERIAL: Aluminum or Steel

Priced Per 25 Pieces

Catalog Number		Pulley Grooves (Ref.)	Metric		Inch	
Aluminum	Steel		d ± 0.08	D ± 0.4	d $\pm .003$	D $\pm 1/64$
A 6A54M012FA	A 6C54M012FS	12	12.78	22.2	.503	7/8
A 6A54M013FA	A 6C54M013FS	13	14.27	23.8	.562	15/16
A 6A54M014FA	A 6C54M014FS	14	14.27	25.4	.562	1
A 6A54M015FA	A 6C54M015FS	15	15.88	27	.625	1-1/16
A 6A54M016FA	A 6C54M016FS	16	17.37	27.8	.684	1-3/32
A 6A54M017FA	A 6C54M017FS	17	19	30.2	.748	1-3/16
A 6A54M018FA	A 6C54M018FS	18	20.58	31.8	.810	1-1/4
A 6A54M019FA	A 6C54M019FS	19	22.53	33.3	.887	1-5/16
A 6A54M020FA	A 6C54M020FS	20	23.77	34.9	.936	1-3/8
A 6A54M021FA	A 6C54M021FS	21	25.4	36.5	1.000	1-7/16
A 6A54M022FA	A 6C54M022FS	22	26.97	38.1	1.062	1-1/2
A 6A54M023FA	A 6C54M023FS	23	28.58	39.7	1.125	1-9/16
A 6A54M024FA	A 6C54M024FS	24	29.46	41.3	1.160	1-5/8
A 6A54M025FA	A 6C54M025FS	25	31.06	42.9	1.222	1-11/16
A 6A54M026FA	A 6C54M026FS	26	31.75	44.5	1.222	1-3/4
A 6A54M028FA	A 6C54M028FS	28	34.21	47.6	1.347	1-7/8
A 6A54M030FA	A 6C54M030FS	30	36.2	50.8	1.425	2
A 6A54M032FA	A 6C54M032FS	32	39.37	54	1.550	2-1/8
A 6A54M034FA	A 6C54M034FS	34	42.55	57.2	1.675	2-1/4

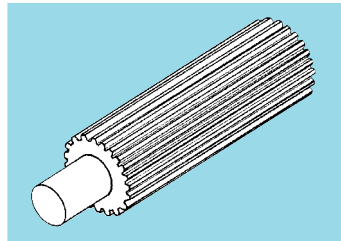
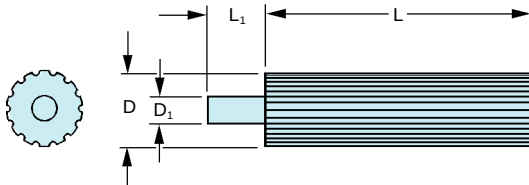


INCH/ METRIC

GT®2 Timing Pulley Stock - 5 mm Pitch

■ TRUE METRIC® PROFILE

■ ALUMINUM



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Metric		Inch		D ₁ Shank Dia.	L ₁ Shank Length (Ref.)	L Min. Usable Length
		P.D.	D*	P.D.	D*			
A 6A54M012GT15	12	19.1	17.96	.752	.707	12.7	22	150
A 6A54M013GT15	13	20.7	19.55	.815	.770	(1/2)	(7/8)	(6)
A 6A54M014GT18	14	22.3	21.14	.877	.832	12.7 (1/2)	25 (1)	175 (7)
A 6A54M015GT18	15	23.9	22.73	.940	.895			
A 6A54M016GT18	16	25.5	24.32	1.003	.958			
A 6A54M017GT18	17	27.1	25.91	1.065	1.020			
A 6A54M018GT20	18	28.6	27.5	1.128	1.083			
A 6A54M019GT20	19	30.2	29.1	1.191	1.146	19.1 (3/4)	[19] ^Δ (3/4)	200 (8)
A 6A54M020GT20	20	31.8	30.69	1.253	1.208			
A 6A54M021GT20	21	33.4	32.28	1.316	1.271			
A 6A54M022GT20	22	35	33.87	1.379	1.334			
A 6A54M023GT20	23	36.6	35.46	1.441	1.396			
A 6A54M024GT20	24	38.2	37.05	1.504	1.459			
A 6A54M025GT20	25	39.8	38.65	1.566	1.521			
A 6A54M026GT20	26	41.4	40.24	1.629	1.584			
A 6A54M027GT20	27	43	41.83	1.692	1.647			
A 6A54M028GT20	28	44.6	43.42	1.754	1.709			
A 6A54M029GT20	29	46.2	45.01	1.817	1.772	[12.7] ^Δ (1/2)		
A 6A54M030GT20	30	47.7	46.6	1.880	1.835			
A 6A54M031GT20	31	49.3	48.2	1.942	1.897			
A 6A54M032GT20	32	50.9	49.79	2.005	1.960			
A 6A54M033GT20	33	52.5	51.38	2.068	2.023			
A 6A54M034GT20	34	54.1	52.97	2.130	2.085	2.506		
A 6A54M035GT20	35	55.7	54.56	2.193	2.148			
A 6A54M036GT20	36	57.3	56.15	2.256	2.211			
A 6A54M038GT20	38	60.5	59.34	2.381	2.336			
A 6A54M040GT20	40	63.7	62.52	2.506	2.461			

NOTE: Dimensions in () are inch size.

* D Tolerance: From 12 to 16 grooves is + 0.05 (+.002, -.000)
 From 17 to 32 grooves is + 0.08 (+.003, -.000)
 From 33 to 40 grooves is + 0.10 (+.004, -.000)

Δ Dimensions in [] may be substituted at SDP option.

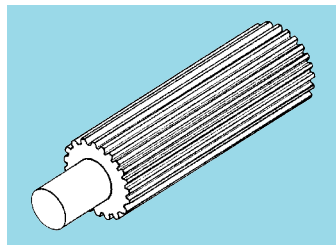
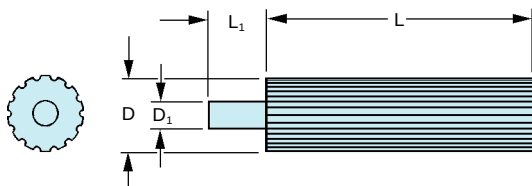


INCH/ METRIC

GT®2 Timing Pulley Stock - 5 mm Pitch

■ TRUE METRIC® PROFILE

■ CARBON STEEL



MATERIAL: Carbon Steel

Catalog Number	No. of Grooves	Metric		Inch		D ₁ Shank Dia.	L ₁ Shank Length (Ref.)	L Min. Usable Length
		P.D.	D*	P.D.	D*			
A 6C54M012GT15	12	19.1	17.96	.752	.707	12.7 (1/2)	22 (7/8)	150 (6)
A 6C54M013GT15	13	20.7	19.55	.815	.770			
A 6C54M014GT18	14	22.3	21.14	.877	.832	12.7 (1/2)	25 (1) [19 (3/4)] ^Δ	175 (7)
A 6C54M015GT18	15	23.9	22.73	.940	.895			
A 6C54M016GT18	16	25.5	24.32	1.003	.958			
A 6C54M017GT18	17	27.1	25.91	1.065	1.020			
A 6C54M018GT20	18	28.6	27.5	1.128	1.083			
A 6C54M019GT20	19	30.2	29.1	1.191	1.146			200 (8)
A 6C54M020GT20	20	31.8	30.69	1.253	1.208			
A 6C54M021GT20	21	33.4	32.28	1.316	1.271			
A 6C54M022GT20	22	35	33.87	1.379	1.334			
A 6C54M023GT20	23	36.6	35.46	1.441	1.396			
A 6C54M024GT20	24	38.2	37.05	1.504	1.459			
A 6C54M025GT20	25	39.8	38.65	1.566	1.521			
A 6C54M026GT20	26	41.4	40.24	1.629	1.584			
A 6C54M027GT20	27	43	41.83	1.692	1.647			
A 6C54M028GT20	28	44.6	43.42	1.754	1.709			
A 6C54M029GT20	29	46.2	45.01	1.817	1.772			
A 6C54M030GT20	30	47.7	46.6	1.880	1.835			

NOTE: Dimensions in () are inch size.

Continued on the next page

*D Tolerance: From 12 to 16 grooves is + 0.05 (+.002, -.000)
From 17 to 30 grooves is + 0.08 (+.003, -.000)

^ΔDimension in [] may be substituted at SDP option.

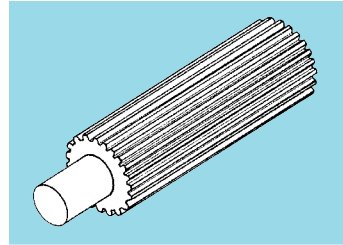
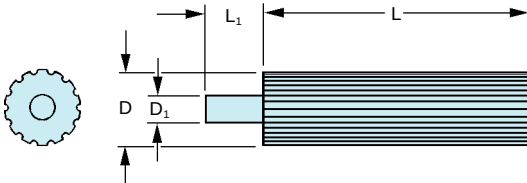


INCH/ METRIC

GT®2 Timing Pulley Stock - 5 mm Pitch

■ TRUE METRIC® PROFILE

■ CARBON STEEL



MATERIAL: Carbon Steel

Catalog Number	No.of Grooves	Metric		Inch		D ₁ Shank Dia.	L ₁ Shank Length (Ref.)	L Min. Usable Length	
		P.D.	D*	P.D.	D*				
A 6C54M031GT20	31	49.3	48.2	1.942	1.897	19.1 (3/4)	25 (1) [18.2 (23/32)] ^Δ	200 (8)	
A 6C54M032GT20	32	50.9	49.79	2.005	1.960				
A 6C54M033GT20	33	52.5	51.38	2.068	2.023				
A 6C54M034GT20	34	54.1	52.97	2.130	2.085				
A 6C54M035GT20	35	55.7	54.56	2.193	2.148				
A 6C54M036GT20	36	57.3	56.15	2.256	2.211				
A 6C54M038GT20	38	60.5	59.34	2.381	2.336				
A 6C54M040GT20	40	63.7	62.52	2.506	2.461				
A 6C54M042GT20	42	66.8	65.7	2.632	2.587				
A 6C54M044GT20	44	70	68.89	2.757	2.712				
A 6C54M045GT20	45	71.6	70.48	2.820	2.775	25.4 (1)	[19.1 (3/4)] ^Δ	25 (1)	
A 6C54M046GT20	46	73.2	72.07	2.882	2.837				
A 6C54M048GT20	48	76.4	75.25	3.008	2.963				
A 6C54M050GT20	50	79.6	78.43	3.133	3.088	25.4 (1)			
A 6C54M054GT20	54	85.9	84.8	3.384	3.339				
A 6C54M056GT20	56	89.1	87.98	3.509	3.464				
A 6C54M060GT20	60	95.5	94.35	3.760	3.715	25.4 (1)			25 (1)
A 6C54M062GT20	62	98.7	97.53	3.885	3.840				
A 6C54M065GT20	65	103.5	102.31	4.073	4.028				
A 6C54M072GT20	72	114.6	113.45	4.511	4.466	25.4 (1)			
A 6C54M080GT20	80	127.3	126.18	5.013	4.968				
A 6C54M090GT20	90	143.2	142.1	5.639	5.594				
A 6C54M100GT20	100	159.2	158.01	6.266	6.221	25.4 (1)	25 (1)		
A 6C54M112GT15	112	178.3	177.11	7.018	6.973				
A 6C54M126GT15	126	200.5	199.39	7.895	7.850				

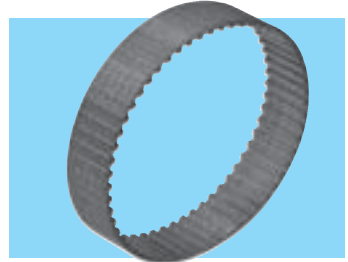
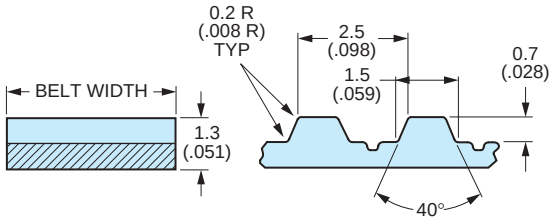
NOTE: Dimensions in () are inch size.

*D Tolerance: From 31 to 32 grooves is + 0.08 (+.003, -.000)
 From 33 to 62 grooves is + 0.10 (+.004, -.000)
 From 65 to 112 grooves is + 0.13 (+.005, -.000)
 126 grooves is + 0.15 (+.006, -.000)

^ΔDimensions in [] may be substituted at SDP option.

Inch/Metric		Inch/Metric		Inch/Metric		Inch/Metric		Inch/Metric	
SDP/SI					T Timing Belts - 2.5 mm Pitch				
Stock Drive Products/Sterling Instrument					Phone: 516-328-3300		Fax: 516-326-8827		

- **TRUE METRIC®** PROFILE ■ POLYURETHANE ■ 4, 6 & 10 mm WIDE



NOTE: Dimensions in () are inch size.

CATALOG NUMBER DESIGNATION:

A 6 T 3 2 M

No. of Grooves Width Code
(See tables below) (See right)

Width Code	Belt Width	Equivalent Inch Width
040	4 mm	.157
060	6 mm	.236
100	10 mm	.394

Example: A 6T32M092100 is a 92 Groove 10 mm Wide Belt.

MATERIAL: Polyurethane – Reinforced with Steel Tensile Cords

BREAKING STRENGTH: 39 N per 1 mm (28 lbs. per 1/8) Belt Width; not representative of the load-carrying capacity of the belt

TEMPERATURE RANGE: -18°C to +82°C (0°F to +180°F)

No. of Grooves	Pitch Length	
	mm	Inch
48	120	4.274
58	145	5.709
64	160	6.299
71	177.5	6.988
80	200	7.874
92	230	9.055
98	245	9.646
106	265	10.433
114	285	11.220
122	305	12.008
127	317.5	12.500

No. of Grooves	Pitch Length	
	mm	Inch
132	330	12.992
152	380	14.961
168	420	16.535
192	480	18.898
200	500	19.685
240	600	23.622
260	650	25.591
312	780	30.709
366	915	36.024
380	950	37.402

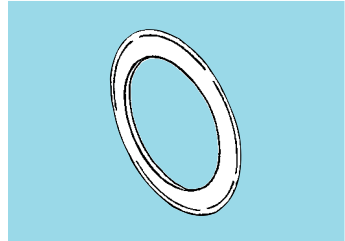
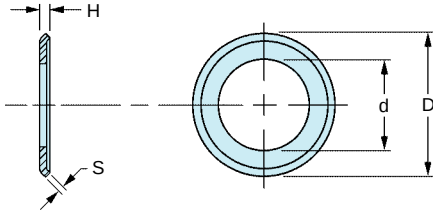


INCH/ METRIC

Pulley Flanges For T2.5 mm Pitch

■ TRUE METRIC® PROFILE

■ ALUMINUM



MATERIAL: Aluminum

Priced Per 25 Pieces

Catalog Number	Pulley Grooves (Ref.)	Metric		Inch		H Width ± 0.25 (± .010)	S Thickness
		d ± 0.08	D ± 0.4	d ± .003	D ± .015		
A 6A31M012FA	12	6.2	13	.244	.512	1.14 (.045)	0.64 (.025)
A 6A31M014FA	14	8.18	15	.322	.591		
A 6A31M018FA	18	10.82	17.5	.426	.689	1.32 (.052)	0.81 (.032)
A 6A31M019FA	19	11.48	18	.452	.710		
A 6A31M020FA	20	12.8	20	.504	.787		
A 6A31M022FA	22	14.58	23	.574	.906	1.52 (.060)	1.02 (.040)
A 6A31M026FA	26	17.22	25.5	.678	1.004		
A 6A31M030FA	30	17.88	26	.704	1.025		
A 6A31M032FA	32	23.52	32	.926	1.260	1.52 (.060)	1.02 (.040)
A 6A31M036FA	36	26.87	36	1.058	1.417		
A 6A31M040FA	40	28.19	37.5	1.110	1.476		

NOTE: Dimensions in () are inch size.

Did You Know?

We have a staff of experienced engineers who will gladly assist you with your design problems. Call between (9 AM and 5 PM E.S.T.) or fax anytime.

TEL: 516-328-3300

FAX: 516-328-9029

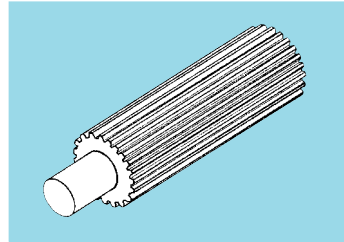
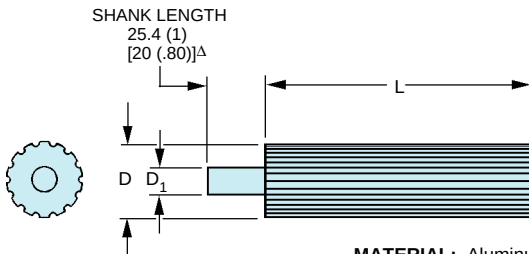


INCH/ METRIC

Timing Pulley Stock - T2.5 mm Pitch

■ TRUE METRIC® PROFILE

■ ALUMINUM



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Metric		Inch		L Minimum Usable Length	D ₁ Shank Diameter
		P.D.	D*	P.D.	D*		
A 6A31M010T05	10	8.05	7.45	.317	.293	50 (2)	8 (5/16)
A 6A31M012T05	12	9.6	9	.378	.354		9.5 (3/8)
A 6A31M013T05	13	10.4	9.8	.409	.386		11.1 (7/16)
A 6A31M014T05	14	11.2	10.6	.441	.417		12.7 (1/2)
A 6A31M015T05	15	12	11.4	.472	.449	90 (3.5)	9.5 (3/8)
A 6A31M016T05	16	12.8	12.2	.504	.480		
A 6A31M017T05	17	13.6	13	.535	.512		
A 6A31M018T05	18	14.4	13.8	.567	.543		
A 6A31M019T09	19	15.2	14.6	.598	.575	125 (4.9)	
A 6A31M020T09	20	16	15.4	.630	.606		
A 6A31M021T09	21	16.8	16.2	.661	.638		
A 6A31M022T12	22	17.6	17	.693	.669		
A 6A31M024T12	24	19.15	18.55	.754	.730	132 (5.2)	
A 6A31M026T12	26	20.75	20.15	.817	.793		
A 6A31M027T12	27	21.55	20.95	.848	.825		
A 6A31M028T12	28	22.35	21.75	.880	.856		
A 6A31M029T12	29	23.15	22.55	.911	.888	160 (6.3)	
A 6A31M030T12	30	23.95	23.35	.943	.919		
A 6A31M032T12	32	25.55	24.95	1.006	.982		
A 6A31M034T12	34	27.15	26.55	1.069	1.045		
A 6A31M035T13	35	27.95	27.35	1.100	1.077	19.1 (3/4)	
A 6A31M036T13	36	28.75	28.15	1.132	1.108		
A 6A31M038T13	38	30.3	29.7	1.193	1.169		
A 6A31M040T13	40	31.9	31.3	1.256	1.232		
A 6A31M042T13	42	33.5	32.9	1.319	1.295		
A 6A31M044T13	44	35.1	34.5	1.382	1.358		
A 6A31M045T13	45	35.9	35.3	1.413	1.390		
A 6A31M048T13	48	38.3	37.7	1.508	1.484		
A 6A31M050T16	50	39.89	39.29	1.570	1.547		
A 6A31M060T16	60	47.85	47.25	1.884	1.860		
A 6A31M065T16	65	51.8	51.2	2.039	2.016		
A 6A31M070T16	70	55.8	55.2	2.197	2.173		
A 6A31M072T16	72	57.4	56.8	2.260	2.236		
A 6A31M090T16	90	71.72	71.12	2.824	2.800		
A 6A31M100T16	100	79.68	79.08	3.137	3.113		

NOTE: Dimensions in () are inch size.

*D Tolerance: From 10 to 60 grooves is - 0.05 (+.000, -.002)
From 65 to 100 grooves is - 0.08 (+.000, -.003)

ΔDimension in [] may be substituted at SDP option.



METRIC

Timing Belt Pulleys - T2.5 mm Pitch

■ ALUMINUM

■ FOR BELTS UP TO 6 mm WIDE

■ **TRUE METRIC®** PROFILE

■ DOUBLE OR NO FLANGE

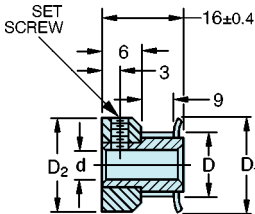


Fig. 1

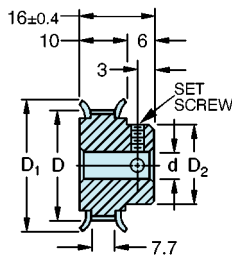


Fig. 2

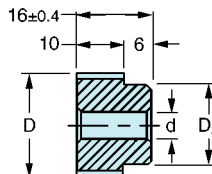
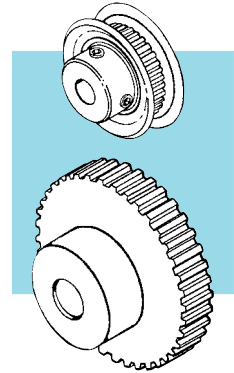


Fig. 3



Available with INCH size bores on special request.

MATERIAL: Aluminum Alloy

Catalog Number	Fig. No.	No. of Grooves	P.D.	D*	D ₁ ±0.4	d Bore +0.025	D ₂ Hub Dia. ±0.4	Set Screw	
DOUBLE FLANGE									
A 6A32M012DF0603 A 6A32M014DF0603 A 6A32M015DF0603 A 6A32M016DF0603	1	12 14 15 16	9.6 11.2 12 12.8	9 10.6 11.4 12.2	13 15 15 15	3	13 15 15 15	M2	
A 6A32M018DF0604 A 6A32M019DF0604 A 6A32M020DF0604 A 6A32M022DF0604	2	18 19 20 22	14.4 15.2 16 17.6	13.8 14.6 15.4 17	17.5 18 20 23	4	9 10 11 11	M2	
A 6A32M024DF0604 A 6A32M025DF0604 A 6A32M026DF0604 A 6A32M028DF0604		24 25 26 28	19.15 19.95 20.75 22.35	18.55 19.35 20.15 21.75	23 23 25.5 25.5		12 13 14 14	M2	
A 6A32M030DF0606 A 6A32M032DF0606 A 6A32M036DF0606 A 6A32M040DF0606		30 32 36 40	23.95 25.55 28.75 31.9	23.35 24.95 28.15 31.3	26 29 36 37.5		6	16 16 20 22	M3
NO FLANGE									
A 6A32M044NF0606 A 6A32M048NF0606 A 6A32M060NF0608		3	44 48 60	35.1 38.3 47.85	34.5 37.7 47.25	—	6 6 8	24 26 34	—

NOTE: Pulleys with 12 to 16 grooves have 1 set screw; 18 to 40 grooves have 2 at 90°, 44 to 60 grooves do not have tapped holes.

* D tolerance: From 12 to 32 grooves is - 0.05
From 36 to 60 grooves is - 0.08

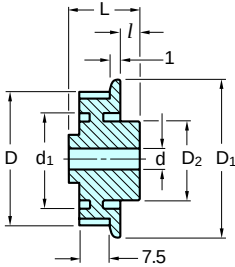
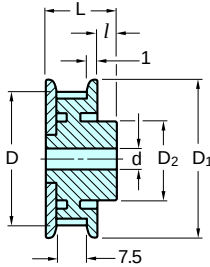
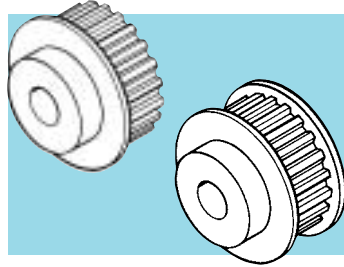
**METRIC****Timing Belt Pulleys - T2.5 mm Pitch**

■ MOLDED

■ **TRUE METRIC®** PROFILE

■ FOR 6 mm BELTS

■ SINGLE OR DOUBLE FLANGE

**Fig. 1****Fig. 2****MATERIAL:** Acetal – Black

Catalog Number		No. of Grooves	P.D.	D	D ₁	d Bore	D ₂ Hub Dia.	L	l	d ₁
Fig. 1 Single Flange	Fig. 2 Double Flange									
A 6M32M012SF0603	A 6M32M012DF0603	12	9.6	9	10.6	3.5	9	14	4.5	Solid
A 6M32M013SF0603	A 6M32M013DF0603	13	10.4	9.8	11.4					
A 6M32M014SF0603	A 6M32M014DF0603	14	11.2	10.6	12.2					
A 6M32M015SF0603	A 6M32M015DF0603	15	12	11.4	13					
A 6M32M016SF0603	A 6M32M016DF0603	16	12.8	12.2	13.8					
A 6M32M017SF0603	A 6M32M017DF0603	17	13.6	13	14.6	4	10	15	5.5	Solid
A 6M32M018SF0604	A 6M32M018DF0604	18	14.4	13.8	15.4					
A 6M32M019SF0604	A 6M32M019DF0604	19	15.2	14.6	16.2					
A 6M32M020SF0604	A 6M32M020DF0604	20	16	15.4	17					
A 6M32M022SF0604	A 6M32M022DF0604	22	17.6	17	18.6	5	12	15	5.5	Solid
A 6M32M025SF0605	A 6M32M025DF0605	25	19.95	19.35	21					
A 6M32M028SF0605	A 6M32M028DF0605	28	22.35	21.75	23.4		15	16	6.5	25
A 6M32M032SF0605	A 6M32M032DF0605	32	25.55	24.95	26.6					
A 6M32M036SF0605	A 6M32M036DF0605	36	28.75	28.15	29.8					
A 6M32M040SF0608	A 6M32M040DF0608	40	31.9	31.3	32.9	8	18	16	6.5	41
A 6M32M048SF0608	A 6M32M048DF0608	48	38.3	37.7	39.3					
A 6M32M060SF0608	A 6M32M060DF0608	60	47.85	47.25	48.9					
A 6M32M072SF0608	A 6M32M072DF0608	72	57.4	56.8	58.4					
A 6M32M084SF0608	A 6M32M084DF0608	84	66.95	66.35	68					
A 6M32M096SF0608	A 6M32M096DF0608	96	76.5	75.9	77.5					

Pulleys with 12 to 22 grooves do not have webs.

Available with INCH size bores.

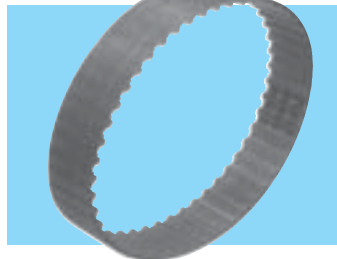
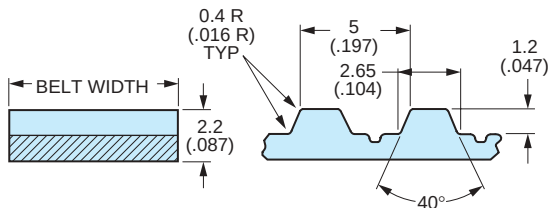
SDPSI

Stock Drive Products/Sterling Instrument

T Timing Belts - 5 mm Pitch

Phone: 516-328-3300 Fax: 516-326-8827

- TRUE METRIC® PROFILE
■ POLYURETHANE
■ 6, 10 & 16 mm WIDE



NOTE: Dimensions in () are inch size.

CATALOG NUMBER DESIGNATION:

A 6 T 3 5 M

No. of Grooves (See tables below) Width Code (See right)

Width Code	Belt Width	Equivalent Inch Width
060	6 mm	.236
100	10 mm	.394
160	16 mm	.630

Example: A 6T35M068100 is a 68 Groove 10 mm Wide Belt.

MATERIAL: Polyurethane – Reinforced with Steel Tensile Cords

BREAKING STRENGTH: 119 N per 1 mm (85 lbs. per 1/8) Belt Width; not representative of the load-carrying capacity of the belt

TEMPERATURE RANGE: -18°C to +82°C (0°F to 180°F)

No. of Grooves	Pitch Length	
	mm	Inch
33	165	6.496
37	185	7.283
40	200	7.874
43	215	8.465
44	220	8.661
45	225	8.858
49	245	9.646
50	250	9.843
51	255	10.039
52	260	10.236
54	270	10.630
55	275	10.827
56	280	11.024
59	295	11.614
60	300	11.811
61	305	12.008
65	325	12.795
66	330	12.992
68	340	13.386
70	350	13.780
71	355	13.976

No. of Grooves	Pitch Length	
	mm	Inch
73	365	14.370
78	390	15.354
80	400	15.748
82	410	16.142
84	420	16.535
85	425	16.732
90	450	17.717
91	455	17.913
95	475	18.701
96	480	18.898
100	500	19.685
102	510	20.079
105	525	20.669
109	545	21.457
110	550	21.654
112	560	22.047
115	575	22.638
120	600	23.662
122	610	24.016
124	620	24.409
126	630	24.803

No. of Grooves	Pitch Length	
	mm	Inch
128	640	25.197
130	650	25.591
132	660	25.984
138	690	27.165
139	695	27.362
140	700	27.559
144	720	28.346
150	750	29.528
156	780	30.709
163	815	32.087
168	840	33.071
170	850	33.465
180	900	35.433
198	990	38.976
200	1000	39.370
215	1075	42.323
220	1100	43.307
243	1215	47.835
276	1380	54.331
288	1440	56.693



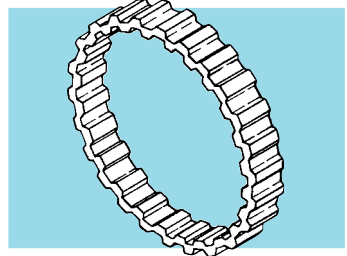
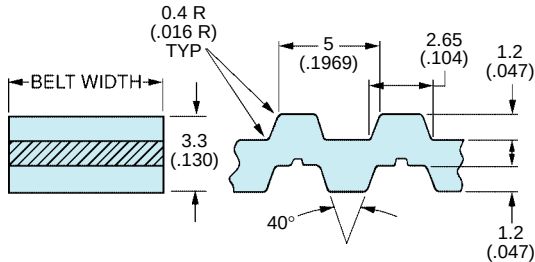
INCH/ METRIC

Double-Sided Timing Belts - T5 mm Pitch

■ **TRUE METRIC®** PROFILE

■ **POLYURETHANE**

■ **5, 10 & 15 mm WIDE**



NOTE: Dimensions in () are inch size.

CATALOG NUMBER DESIGNATION:

A 6 T 3 5 M D

No. of Grooves
(See table below)

Width Code
(See right)

Width Code	Belt Width	Equivalent Inch Width
050	5 mm	.197
100	10 mm	.394
150	15 mm	.630

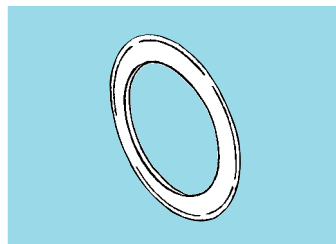
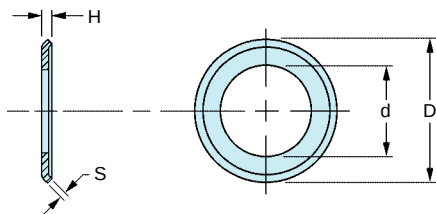
Example: A 6T35MD096050 is a 96 Groove 5 mm Wide Belt.

MATERIAL: Polyurethane, Reinforced with Steel Tensile Cords

BREAKING STRENGTH: 119 N per 1 mm (85 lbs. per 1/8") Belt Width; not representative of the load-carrying capacity of the belt

TEMPERATURE RANGE: -18°C to +82°C (0°F to 180°F)

No. of Grooves	Pitch Length	
	mm	Inch
82	410	16.142
92	460	18.110
96	480	18.898
103	515	20.276
118	590	23.228
124	620	24.409
140	700	27.559
150	750	29.528
160	800	31.496
163	815	32.087
172	860	33.858
188	940	37.008
220	1100	43.307


**INCH/
METRIC**
Pulley Flanges For T5 mm Pitch
■ TRUE METRIC® PROFILE
■ ALUMINUM

MATERIAL: Aluminum

Priced Per 25 Pieces

Catalog Number	Pulley Grooves (Ref.)	Metric		Inch		H Width ± 0.25 (± .010)	S Thickness
		d ± 0.08	D ± 0.4	d ± .003	D ± .015		
A 6A34M010FA	10	12.8	20	.504	.787		
A 6A34M012FA	12	14.58	23	.574	.906	1.32	0.81
A 6A34M014FA	14	17.22	25.5	.678	1.004	(.052)	(.032)
A 6A34M015FA	15	17.88	26	.704	1.025		
A 6A34M016FA	16	23.52	32	.926	1.260	1.52	1.02
A 6A34M019FA	19	26.87	36	1.058	1.417	(.060)	(.040)
A 6A34M022FA	22	28.19	38	1.110	1.496		
A 6A34M024FA	24	31.04	42.5	1.222	1.673	1.65	1.02
A 6A34M025FA	25	31.04	44.5	1.222	1.750	(.065)	(.040)
A 6A34M027FA	27	34.21	47.5	1.347	1.870		
A 6A34M030FA	30	36.2	51	1.425	2.008		
A 6A34M032FA	32	*40.08	54	*1.578	2.126	2.29	1.4
A 6A34M036FA	36	*48.51	63.5	*1.910	2.500	(.090)	(.055)
A 6A34M040FA	40	*51.68	66.5	*2.035	2.618		
A 6A34M042FA	42	*53.85	70	*2.120	2.756		

NOTE: Dimensions in () are inch size.

*d Tolerance is ± 0.13 mm (± .005")



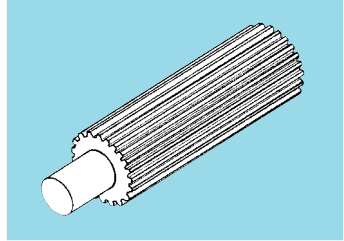
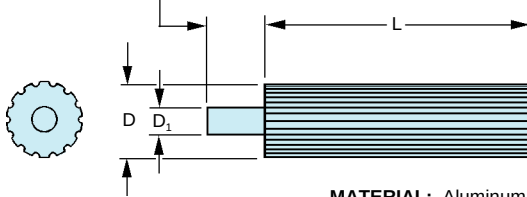
INCH/ METRIC

Timing Pulley Stock - T5 mm Pitch

TRUE METRIC® PROFILE

ALUMINUM

SHANK LENGTH
20 (.80) from 10 to 48 grooves^Δ
25.4 (1) from 50 to 100 grooves



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Metric		Inch		L Minimum Usable Length	D ₁ Shank Diameter		
		P.D.	D*	P.D.	D*				
A 6A34M010T12	10	16.05	15.05	.632	.593	125 (4.9)	12.7 (1/2)		
A 6A34M011T12	11	17.65	16.65	.695	.656				
A 6A34M012T12	12	19.25	18.25	.758	.719				
A 6A34M013T12	13	20.85	19.85	.821	.781				
A 6A34M014T13	14	22.45	21.45	.884	.844	132 (5.2)		140 (5.5)	
A 6A34M015T13	15	24.05	23.05	.947	.907				
A 6A34M016T14	16	25.6	24.6	1.008	.969				
A 6A34M017T14	17	27.2	26.2	1.071	1.031				
A 6A34M018T14	18	28.8	27.8	1.134	1.094				
A 6A34M019T14	19	30.4	29.4	1.197	1.157				
A 6A34M020T16	20	32	31	1.260	1.220	160 (6.3)			19.1 (3/4)
A 6A34M021T16	21	33.7	32.7	1.327	1.287				
A 6A34M022T16	22	35.25	34.25	1.388	1.348				
A 6A34M023T16	23	36.85	35.85	1.451	1.411				
A 6A34M024T16	24	38.4	37.4	1.512	1.472				
A 6A34M025T16	25	40	39	1.575	1.535				
A 6A34M026T16	26	41.6	40.6	1.638	1.598				
A 6A34M027T16	27	43.2	42.2	1.701	1.661				
A 6A34M028T16	28	44.75	43.75	1.762	1.722				
A 6A34M029T16	29	46.35	45.35	1.825	1.785				
A 6A34M030T16	30	47.95	46.95	1.888	1.848				
A 6A34M032T16	32	51.1	50.1	2.012	1.972				
A 6A34M034T16	34	54.25	53.25	2.136	2.096			19.1 (3/4)	25.4 (1)
A 6A34M035T16	35	55.85	54.85	2.199	2.159				
A 6A34M036T16	36	57.45	56.45	2.262	2.222				
A 6A34M037T16	37	59.06	58.06	2.325	2.286				
A 6A34M038T16	38	60.65	59.65	2.388	2.348				
A 6A34M040T16	40	63.85	62.85	2.514	2.474				
A 6A34M042T16	42	67	66	2.638	2.598				
A 6A34M044T16	44	70.2	69.2	2.764	2.724				
A 6A34M045T16	45	71.8	70.8	2.827	2.787				
A 6A34M046T16	46	73.4	72.4	2.890	2.850				
A 6A34M048T16	48	76.55	75.55	3.014	2.974				
A 6A34M050T16	50	79.75	78.75	3.140	3.100				
A 6A34M060T16	60	95.65	94.65	3.766	3.726	25.4 (1)			
A 6A34M072T16	72	114.75	113.75	4.518	4.478				
A 6A34M080T16	80	127.48	126.48	5.019	4.980				
A 6A34M090T16	90	143.4	142.4	5.646	5.606				
A 6A34M100T16	100	159.31	158.31	6.272	6.233				

NOTE: Dimensions in () are inch size.

*D Tolerance: From 10 to 30 grooves is - 0.05 (+.000, -.002)

From 32 to 100 grooves is - 0.08 (+.000, -.003)

^Δ 25.4 (1) may be substituted here in place of 20 (.80) at SDP option.

2-186



METRIC

Timing Belt Pulleys - T5 mm Pitch

■ ALUMINUM

■ FOR BELTS UP TO 10 mm WIDE

■ **TRUE METRIC®** PROFILE

■ DOUBLE OR NO FLANGE

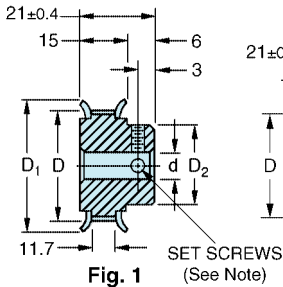


Fig. 1

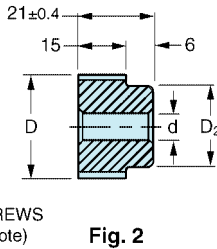
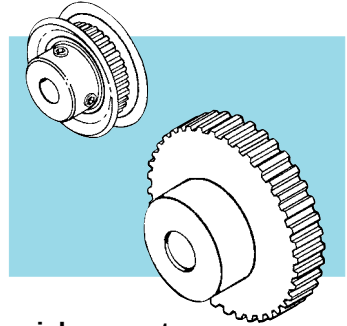


Fig. 2



Available with INCH size bores on special request.

MATERIAL: Body – Aluminum Alloy
Flanges – Steel or Aluminum

Catalog Number	Fig. No.	No. of Grooves	P.D.	D*	D ₁ ± 0.4	d Bore +0.025	D ₂ Hub Dia. ± 0.4	Set Screw
DOUBLE FLANGE								
A 6A35M010DF1004	1	10	16.05	15.05	20	4	8	M2
A 6A35M012DF1004		12	19.25	18.25	23		11	
A 6A35M014DF1004		14	22.45	21.45	25.5		14	
A 6A35M015DF1006		15	24.05	23.05	26	6	16	M3
A 6A35M016DF1006		16	25.6	24.6	32		18	
A 6A35M018DF1006		18	28.8	27.8	32		20	
A 6A35M019DF1006		19	30.4	29.4	36		22	M3
A 6A35M020DF1006		20	32	31	36		23	
A 6A35M022DF1006		22	35.25	34.25	38		24	
A 6A35M024DF1006		24	38.4	37.4	42.5	8	26	M3
A 6A35M025DF1006		25	40	39	44.5		26	
A 6A35M026DF1006		26	41.6	40.6	44.5		26	
A 6A35M027DF1008		27	43.2	42.2	47.5		30	—
A 6A35M028DF1008		28	44.75	43.75	47.5		32	
A 6A35M030DF1008		30	47.95	46.95	51		34	
A 6A35M032DF1008		32	51.1	50.1	54		35	—
A 6A35M036DF1008	36	57.45	56.45	63.5	38			
A 6A35M040DF1008	40	63.85	62.85	66.5	40			
A 6A35M042DF1008	42	67	66	70	40			
NO FLANGE								
A 6A35M044NF1008	2	44	70.2	69.2	—	8	45	—
A 6A35M048NF1008		48	76.55	75.55			50	
A 6A35M060NF1008		60	95.65	94.65			65	

NOTE: Pulleys with 10 to 14 grooves have 1 set screw; 15 to 26 grooves have 2 at 90°; 27 to 60 grooves do not have tapped holes.

*D tolerance: From 10 to 30 grooves is - 0.05
From 32 to 60 grooves is - 0.08

SDPSI

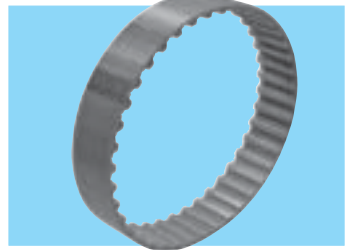
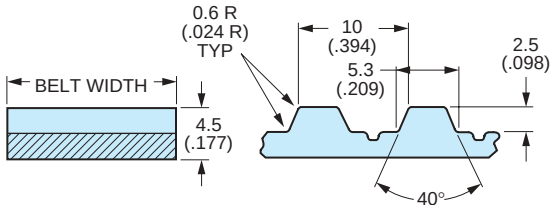
Stock Drive Products/Sterling Instrument

Phone: 516-328-3300

Fax: 516-326-8827

T Timing Belts - 10 mm Pitch

■ **TRUE METRIC®** PROFILE ■ **POLYURETHANE** ■ **16 & 25 mm WIDE**



NOTE: Dimensions in () are inch size.

CATALOG NUMBER DESIGNATION:

A 6 T 3 9 M

No. of Grooves
(See tables below)

Width Code
(See right)

Width Code	Belt Width	Equivalent Inch Width
160	16 mm	.630
250	25 mm	.984

Example: A 6T39M078250 is a 78 Groove 25 mm Wide Belt.

MATERIAL: Polyurethane – Reinforced with Steel Tensile Cords

BREAKING STRENGTH: 266 N per 1 mm (190 lbs. per 1/8) Belt Width; not representative of the load-carrying capacity of the belt

TEMPERATURE RANGE: -18°C to +82°C (0°F to 180°F)

No. of Grooves	Pitch Length	
	mm	Inch
37	370	14.567
40	400	15.748
41	410	16.142
44	440	17.323
*45	450	17.717
*46	460	18.110
49	490	19.291
50	500	19.685
53	530	20.866
56	560	22.047
*63	630	24.803
66	660	25.984
69	690	27.165
70	700	27.559
72	720	28.346
75	750	29.528
78	780	30.709

No. of Grooves	Pitch Length	
	mm	Inch
81	810	31.890
*84	840	33.071
88	880	34.646
89	890	35.039
90	900	35.433
92	920	36.220
96	960	37.795
97	970	38.189
98	980	38.582
101	1010	39.764
108	1080	42.520
111	1110	43.701
114	1140	44.882
115	1150	45.276
121	1210	47.638
124	1240	48.819
125	1250	49.213

No. of Grooves	Pitch Length	
	mm	Inch
132	1320	51.968
135	1350	53.150
139	1390	54.724
140	1400	55.118
142	1420	55.905
144	1440	56.693
146	1460	57.480
150	1500	59.055
156	1560	61.417
161	1610	63.386
175	1750	68.898
178	1780	70.079
188	1880	74.016
196	1960	77.165
225	2250	88.853

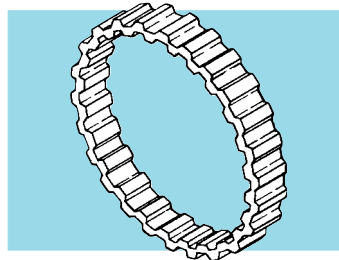
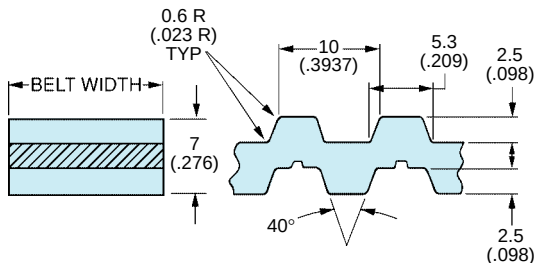
*Will be discontinued when present stock is depleted.



INCH/ METRIC

Double-Sided Timing Belts - T10 mm Pitch

■ **TRUE METRIC®** PROFILE ■ **POLYURETHANE** ■ **15 & 25 mm WIDE**



NOTE: Dimensions in () are inch size.

CATALOG NUMBER DESIGNATION:

A 6 T 3 9 M D

No. of Grooves
(See tables below)

Width Code
(See right)

Width Code	Belt Width	Equivalent Inch Width
150	15 mm	.591
250	25 mm	.984

Example: A 6T39MD084150 is an 84 Groove 15 mm Wide Belt.

MATERIAL: Polyurethane, Reinforced with Steel Tensile Cords

BREAKING STRENGTH: 266 N per 1 mm (190 lbs. per 1/8") Belt Width; not representative of the load-carrying capacity of the belt

TEMPERATURE RANGE: -18°C to +82°C (0°F to +180°F)

No. of Grooves	Pitch Length	
	mm	Inch
26	260	10.236
53	530	20.866
63	630	24.803
66	660	25.984
70	700	22.559
72	720	28.346
80	800	31.496
84	840	33.071
90	900	35.433
98	980	38.583
110	1100	43.307

No. of Grooves	Pitch Length	
	mm	Inch
121	1210	47.638
124	1240	48.819
125	1250	49.213
132	1320	51.968
135	1350	53.150
142	1420	55.905
150	1500	59.055
161	1610	53.386
180	1800	70.866
188	1880	74.016

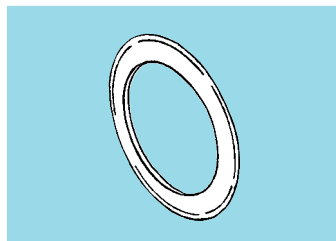
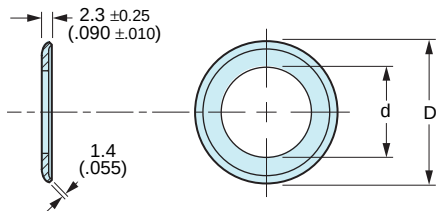


INCH/ METRIC

Pulley Flanges For T10 mm Pitch

■ FOR **TRUE METRIC®** PROFILE

■ ALUMINUM



NOTE: Dimensions in () are inch size.

MATERIAL: Aluminum Alloy

Priced Per 25 Pieces

Catalog Number	Pulley Grooves (Ref.)	Metric		Inch	
		d ± 0.13	D ± 0.4	d $\pm .005$	D $\pm 1/64$
A 6A38M010FA	10	24.79	36.5	.976	1-7/16
A 6A38M011FA	11	27.96	38.9	1.101	1-17/32
A 6A38M012FA	12	31.14	42	1.226	1-21/32
A 6A38M013FA	13	32.41	45.2	1.276	1-25/32
A 6A38M014FA	14	35.58	48.4	1.401	1-29/32
A 6A38M015FA	15	38.63	51.6	1.521	2-1/32
A 6A38M016FA	16	40.08	53.9	1.578	2-1/8
A 6A38M017FA	17	43.2	57.1	1.701	2-1/4
A 6A38M018FA	18	46.32	60.3	1.824	2-3/8
A 6A38M019FA	19	48.51	63.5	1.910	2-1/2
A 6A38M020FA	20	51.68	66.6	2.035	2-5/8
A 6A38M021FA	21	53.85	69.8	2.120	2-3/4
A 6A38M022FA	22	56.92	73	2.241	2-7/8
A 6A38M023FA	23	60.32	78.5	2.375	3-3/32

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INCH/ METRIC

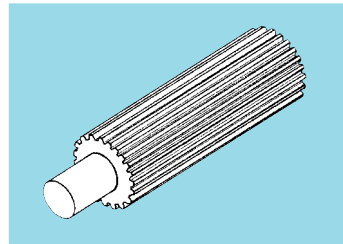
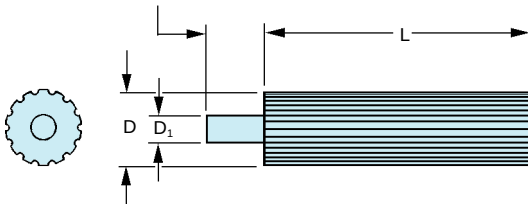
Timing Pulley Stock - T10 mm Pitch

■ **TRUE METRIC®** PROFILE

■ **ALUMINUM**

SHANK LENGTH

** 20 (.80) from 10 to 17 grooves
25 (1) from 18 to 72 grooves



MATERIAL: Aluminum Alloy

Catalog Number	No. of Grooves	Metric		Inch		L Minimum Usable Length	D1 Shank Diameter
		P.D.	D*	P.D.	D*		
A 6A38M010T14	10	31.98	29.98	1.259	1.180	140 (5.5)	12.7 (1/2)
A 6A38M011T14	11	35.16	33.16	1.384	1.306		
A 6A38M012T14	12	38.35	36.35	1.510	1.431		
A 6A38M013T14	13	41.5	39.5	1.634	1.555		
A 6A38M014T16	14	44.7	42.7	1.760	1.681	160 (6.3)	19.1 (3/4)
A 6A38M015T16	15	47.9	45.9	1.886	1.807		
A 6A38M016T16	16	51.05	49.05	2.010	1.931		
A 6A38M017T16	17	54.25	52.25	2.136	2.057		
A 6A38M018T16	18	57.45	55.45	2.262	2.183		
A 6A38M019T16	19	60.6	58.6	2.386	2.307		
A 6A38M020T16	20	63.6	61.6	2.504	2.425		
A 6A38M021T16	21	67	65	2.638	2.559		
A 6A38M022T16	22	70.15	68.15	2.762	2.683		
A 6A38M023T16	23	73.35	71.35	2.888	2.809		
A 6A38M024T16	24	76.55	74.55	3.014	2.935		
A 6A38M026T16	26	82.9	80.9	3.264	3.185		
A 6A38M028T16	28	89.25	87.25	3.514	3.435		
A 6A38M030T16	30	95.65	93.65	3.766	3.687		
A 6A38M032T16	32	102	100	4.016	3.937		
A 6A38M034T16	34	108.4	106.4	4.268	4.189		25.4 (1)
A 6A38M036T16	36	114.75	112.75	4.518	4.439		
A 6A38M038T16	38	121.1	119.1	4.768	4.689		
A 6A38M040T16	40	127.45	125.45	5.018	4.939		
A 6A38M045T16	45	143.4	141.4	5.646	5.567		
A 6A38M048T16	48	152.95	150.95	6.022	5.943		
A 6A38M060T16	60	191.1	189.1	7.524	7.445		
A 6A38M072T16	72	229.29	227.29	9.027	8.948		

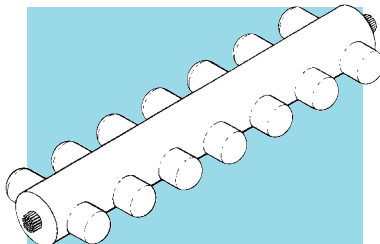
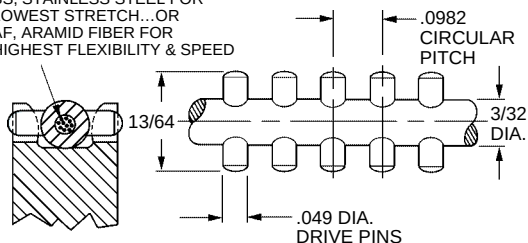
NOTE: Dimensions in () are inch size.

*D Tolerance: From 10 to 16 grooves is - 0.05 (+.000, -.002)
From 17 to 48 grooves is - 0.08 (+.000, -.003)
From 60 to 72 grooves is - 0.10 (+.000, -.004)

** 25 (1) may be substituted in place of 20 (.80) at SDP option.

S INCH**Posi-Drive Belts - 32 Pitch**■ **SINGLE CORE**■ **POLYURETHANE**

CORE:
SS, STAINLESS STEEL FOR
LOWEST STRETCH...OR
AF, ARAMID FIBER FOR
HIGHEST FLEXIBILITY & SPEED

**BELT DATA****CATALOG NUMBER DESIGNATION:****S 7 9 1 2 Y - 3 2****Aramid Fiber Core AF****Stainless Steel Core SS****No. of
Drive Pins**

Belt Core	Belt Core Code	Min. No. of Teeth in Mesh	Min. Pulley Dia. in.	Max. Belt Operating Speed No Load/Load ft/min.	Max. Operating Belt Tension lbs.
Aramid	AF	8	.500	900/300	4-5
Steel	SS	8	.750	900/350	6-8

Example: S7912Y-32SS095 is a 95 Pin Stainless Steel Drive Belt.

MATERIAL: Body – Molded Polyurethane
Core – Aramid Fiber or Stainless Steel

TEMPERATURE RANGE: 0°F to +180°F

No. of Drive Pins	Pitch Length	No. of Drive Pins	Pitch Length	No. of Drive Pins	Pitch Length
64	6.283	315	30.923	576	56.549
80	7.854	336	32.987	592	58.120
95	9.327	346	33.967	608	59.690
112	10.996	368	36.128	624	61.261
126	12.370	377	37.011	640	62.832
128	12.566	400	39.270	656	64.402
144	14.137	408	40.055	672	65.973
158	15.512	432	42.412	688	67.544
176	17.279	440	43.197	704	69.115
189	18.557	464	45.553	720	70.686
208	20.420	471	46.238	736	72.257
220	21.598	480	47.124	752	73.827
240	23.562	496	48.695	768	75.398
252	24.740	512	50.265	784	76.969
272	26.704	528	51.836	800	78.540
283	27.784	544	53.407		
304	29.845	560	54.978		

These belts are also sold by the foot, in continuous lengths up to 100 feet.

Catalog Number	Belt Core
S7912Y-32AF	Aramid Fiber
S7912Y-32SS	Stainless Steel

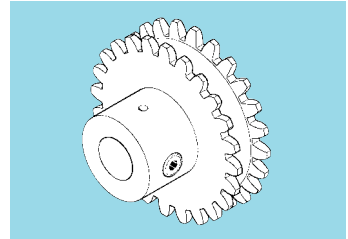
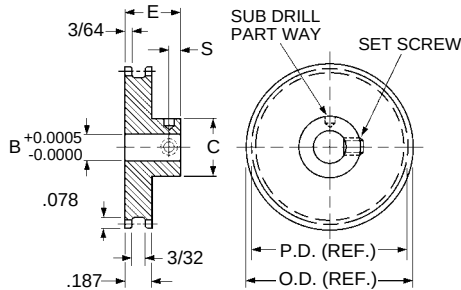


Posi-Drive Pulleys - 32 Pitch

■ FOR SINGLE CORE POSI-DRIVE BELTS

■ PIN TYPE

■ 1/8, 3/16 & 1/4 BORES



CATALOG NUMBER DESIGNATION:

S 1 0 1 2 - P

Aluminum A
Stainless Steel S

No. of Teeth Bore Code

PULLEY DIMENSIONS

Bore	Bore Code	B	C	S	E	Set Screw
1/8	125	.1248	.312	.090	.375	#2-56
3/16	187	.1873	.375	.110	.406	#4-40
1/4	250	.2498	.500	.120	.437	#6-32

Example: S10A12-024P125 is a 24 Tooth 1/8 Bore Aluminum Pulley.

MATERIAL: 303 Stainless Steel

2024-T4 Aluminum (Chromic Acid Anodize-Before Cutting)

Pulley Data			Bore Code		
No. of Teeth	P.D.	O.D.	125	187	250
			B, Bore & Availability		
14 *	.4375	.500	.1248	.1873	.2498
15 *	.4687	.531			
16	.5000	.563			
18	.5625	.625			
20	.6250	.688			.2498
22	.6875	.750			
24	.7500	.813			
26	.8125	.875			
28	.8750	.938			
30	.9375	1.000			
32	1.0000	1.063			
36	1.1250	1.188			
40	1.2500	1.313			
48	1.5000	1.563			
56	1.7500	1.813			
64	2.0000	2.063			
72	2.2500	2.313			
80	2.5000	2.563			
88	2.7500	2.813			
96	3.0000	3.063			
112	3.5000	3.563			
128	4.0000	4.063			

Shaded areas represent sizes not available.

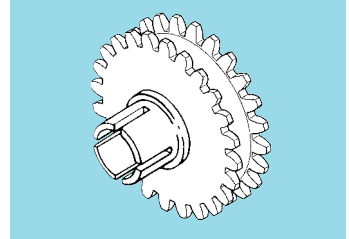
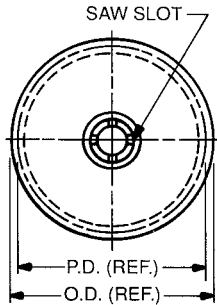
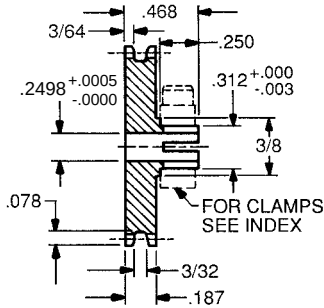
* Recommended for use as an idler only.

S INCH**Posi-Drive Pulleys - 32 Pitch**

■ FOR SINGLE CORE POSI-DRIVE BELTS

■ SPLIT HUB

■ 1/4 BORE

**CATALOG NUMBER DESIGNATION:**S 1 1 1 2 - 0 P 2 5 0

Aluminum

A

Stainless Steel S

No. of Teeth

MATERIAL: 303 Stainless Steel
2024-T4 Aluminum (Chromic Acid Anodize-Before Cutting)

Pulley Data		
No. of Teeth	P.D.	O.D.
14 *	.4375	.500
15 *	.4687	.531
16	.5000	.563
18	.5625	.625
20	.6250	.688
22	.6875	.750
24	.7500	.813
26	.8125	.875
28	.8750	.938
30	.9375	1.000
32	1.0000	1.063
36	1.1250	1.188
40	1.2500	1.313
48	1.5000	1.563
56	1.7500	1.813
64	2.0000	2.063
72	2.2500	2.313

* Recommended for use as an idler only.



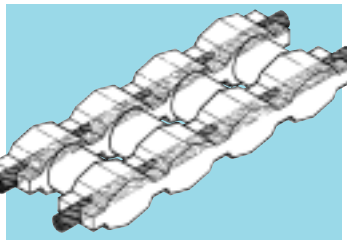
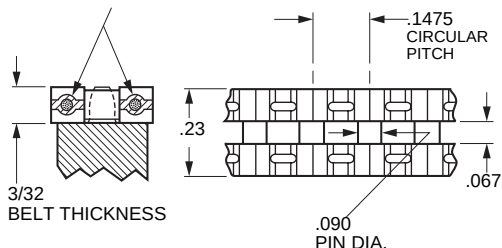
Posi-Drive Belts - .1475 Circular Pitch

■ ECONOMIC ALTERNATIVE TO MINIATURE STEEL CHAIN

■ TWIN CORE

■ POLYURETHANE

CORE:
SS, STAINLESS STEEL FOR
LOWEST STRETCH...OR
AF, ARAMID FIBER FOR
HIGHEST FLEXIBILITY & SPEED



BELT DATA

CATALOG NUMBER DESIGNATION:

S 7 9 1 5 Y - C P [] [] [] [] [] []

Aramid Fiber Core

AFT

Stainless Steel Core

SST

No. of
Drive Pins

Belt Core	Belt Code	Min. No. of Teeth in Mesh	Min. Pulley Dia. in.	Max. Belt Operating Speed No Load/Load ft/min.	Max. Operating Belt Tension lbs.
Aramid	AFT	6	.750	1300/550	10
Steel	SST	6	.750	1300/700	20

Example: S7915Y-CPSST040 is a 40 Pin Stainless Steel Core Drive Belt.

MATERIAL: Body – Molded Polyurethane

Core – Aramid Fiber

Stainless Steel

TEMPERATURE RANGE: -20°F to +180°F

No. of Drive Pins	Pitch Length
40	5.900
50	7.375
60	8.850
70	10.325
80	11.800
90	13.275
100	14.750
110	16.225
120	17.700
130	19.175
140	20.650
150	22.125

No. of Drive Pins	Pitch Length
160	23.600
170	25.075
180	26.550
190	28.025
200	29.500
210	30.975
220	32.450
230	33.925
240	35.400
250	36.825
260	38.350
270	39.825

No. of Drive Pins	Pitch Length
280	41.300
290	42.775
300	44.250
310	45.725
320	47.200
330	48.675
340	50.150
350	51.625
360	53.100
370	54.575
380	56.050
390	57.525

These belts are also sold by the foot, in continuous lengths up to 100 feet.

Catalog Number	Belt Core
S7915Y-CPAFT	Aramid Fiber
S7915Y-CPSST	Stainless Steel

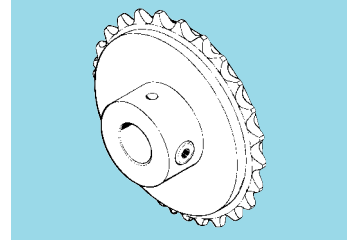
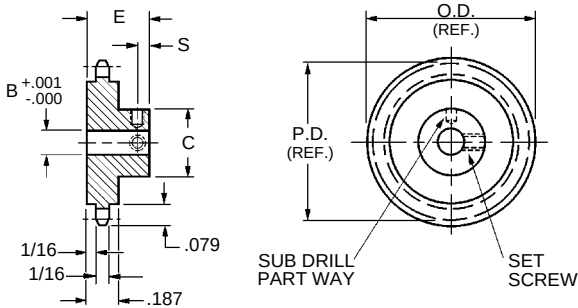


Posi-Drive Sprockets - .1475 Circular Pitch

■ FOR TWIN CORE POSI-DRIVE BELTS

■ PIN TYPE

■ 1/8, 3/16 & 1/4 BORES



CATALOG NUMBER DESIGNATION:

S 1 0 1 5 - 0 P

Aluminum A
Stainless Steel S

No. of Teeth Bore Code

SPROCKET DIMENSIONS

Bore	Bore Code	B	C	S	E	Set Screw
1/8	125	.1248	.312	.090	.375	#2-56
3/16	187	.1873	.375	.110	.406	#4-40
1/4	250	.2498	.500	.120	.437	#6-32

MATERIAL: 303 Stainless Steel

2024-T4 Aluminum (Chromic Acid Anodize-Before Cutting)

Sprocket Data			Bore Code		
No. of Teeth	P.D.	O.D.	125	187	250
			B, Bore & Availability		
10 *	.477	.529	.1248	.1873	.2498
11 *	.524	.576			
12 *	.570	.622			
13 *	.616	.668			
14 *	.663	.715			
15 *	.709	.761			
16	.756	.808			
17	.803	.855			
18	.849	.901			
19	.896	.948			
20	.943	.995			
22	1.036	1.088			
24	1.130	1.182			
25	1.177	1.228			
26	1.224	1.276			
28	1.317	1.369			
30	1.411	1.463			
32	1.505	1.557			
35	1.645	1.697			
36	1.692	1.744			
40	1.880	1.932			
45	2.114	2.166			
48	2.255	2.307			
50	2.349	2.401			
55	2.584	2.636			
60	2.818	2.870			
65	3.053	3.105			
85	3.992	4.044			

Shaded areas represent sizes not available.

* Recommended for use as an idler only.

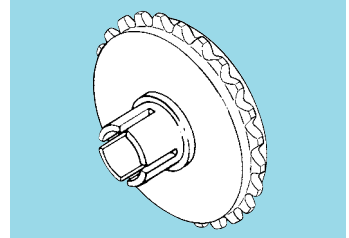
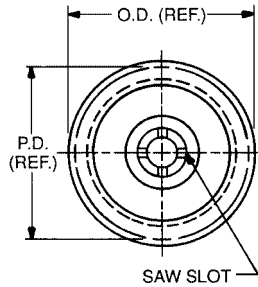
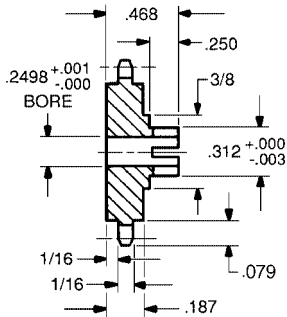


Posi-Drive Sprockets - .1475 Circular Pitch

■ FOR TWIN CORE POSI-DRIVE BELTS

■ SPLIT HUB

■ 1/4 BORE



CATALOG NUMBER DESIGNATION:

S 1 1 ☐ 1 5 - 0 ☐ ☐ P 2 5 0

Aluminum

A

Stainless Steel

S

No. of Teeth

MATERIAL: 303 Stainless Steel
2024-T4 Aluminum (Chromic Acid Anodize-Before Cutting)

Sprocket Data		
No. of Teeth	P.D.	O.D.
13 *	.616	.668
14 *	.663	.715
15 *	.709	.761
16	.756	.808
17	.803	.855
18	.849	.901
19	.896	.948
20	.943	.995
22	1.036	1.088
24	1.130	1.182
25	1.177	1.228
26	1.224	1.276
28	1.317	1.369
30	1.411	1.463
32	1.505	1.557
35	1.645	1.697
36	1.692	1.744
40	1.880	1.932
45	2.114	2.166
48	2.255	2.307

* Recommended for use as an idler only.

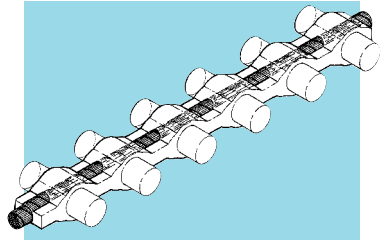
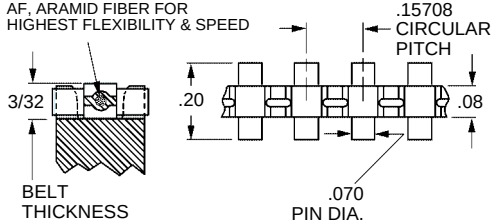


Posi-Drive Belts - 20 Pitch

■ SINGLE CORE

■ POLYURETHANE

CORE:
SS, STAINLESS STEEL FOR
LOWEST STRETCH...OR
AF, ARAMID FIBER FOR
HIGHEST FLEXIBILITY & SPEED



BELT DATA

CATALOG NUMBER DESIGNATION:

S 7 9 1 3 Y - 2 0

Aramid Fiber Core AF

Stainless Steel Core SS

No. of
Drive Pins

Belt Core	Belt Core Code	Min. No. of Teeth in Mesh	Min. Pulley Dia. in.	Max. Belt Operating Speed No Load/Load ft/min.	Max. Operating Belt Tension lbs.
Aramid	AF	6	.750	1100/500	5-6
Steel	SS	6	.750	1100/600	10-12

Example: S7913Y-20AF080 is an 80 Pin Aramid Fiber Core Drive Belt.

MATERIAL: Body – Molded Polyurethane

Core – Aramid Fiber

Stainless Steel

TEMPERATURE RANGE: -20°F to +180°F

No. of Drive Pins	Pitch Length
30	4.712
35	5.498
40	6.283
45	7.068
50	7.854
55	8.639
60	9.424
70	10.995
80	12.566
90	14.137
100	15.708
110	17.278
120	18.849
130	20.420

No. of Drive Pins	Pitch Length
140	21.991
150	23.562
160	25.132
170	26.703
180	28.274
190	29.845
200	31.416
210	32.986
220	34.557
230	36.128
240	37.699
250	39.270
260	40.840
270	42.441

No. of Drive Pins	Pitch Length
280	43.982
290	45.553
300	47.124
310	48.694
320	50.265
330	51.836
340	53.407
350	54.978
360	56.548
370	58.119
380	59.690
400	62.832
420	65.973
440	69.115

These belts are also sold by the foot, in continuous lengths up to 100 feet.

Catalog Number	Belt Core
S7913Y-20AF	Aramid Fiber
S7913Y-20SS	Stainless Steel

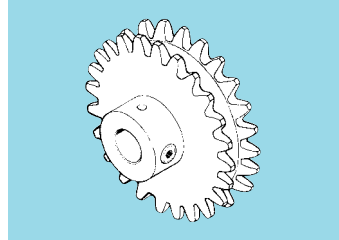
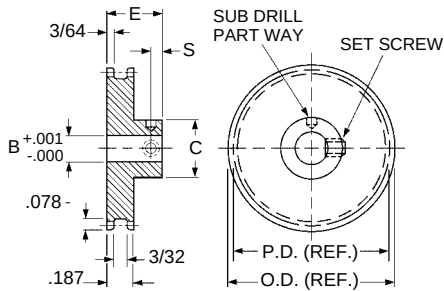


Posi-Drive Pulleys - 20 Pitch

■ FOR SINGLE CORE POSI-DRIVE BELTS

■ PIN TYPE

■ 1/8, 3/16 & 1/4 BORES



CATALOG NUMBER DESIGNATION:

S 1 0 1 3 - 0 P

Aluminum A
Stainless Steel S

No. of Teeth Bore Code

PULLEY DIMENSIONS

Bore	Bore Code	B	C	S	E	Set Screw
1/8	125	.1248	.312	.090	.375	#2-56
3/16	187	.1873	.375	.110	.406	#4-40
1/4	250	.2498	.500	.120	.437	#6-32

MATERIAL: 303 Stainless Steel

2024-T4 Aluminum (Chromic Acid Anodize-Before Cutting)

Pulley Data			Bore Code		
No. of Teeth	P.D.	O.D.	125	187	250
			B, Bore & Availability		
10 *	.500	.562	.1248	.1873	.2498
11 *	.550	.612			
12 *	.600	.662			
13 *	.650	.712			
14 *	.700	.762			
15 *	.750	.812			
16	.800	.862			
17	.850	.912			
18	.900	.962			
19	.950	1.012			
20	1.000	1.062			
22	1.100	1.162			
24	1.200	1.262			
25	1.250	1.312			
26	1.300	1.362			
28	1.400	1.462			
30	1.500	1.562			
32	1.600	1.662			
35	1.750	1.812			
36	1.800	1.862			
40	2.000	2.062			
45	2.250	2.312			
50	2.500	2.562			
60	3.000	3.062			
70	3.500	3.562			
80	4.000	4.062			

Shaded areas represent sizes not available.

* Recommended for use as an idler only.

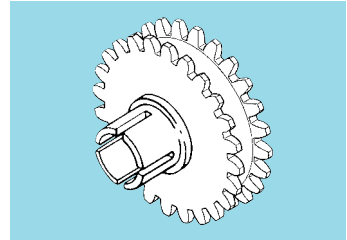
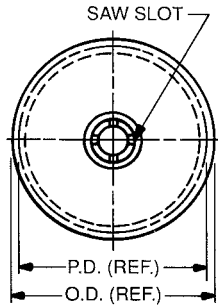
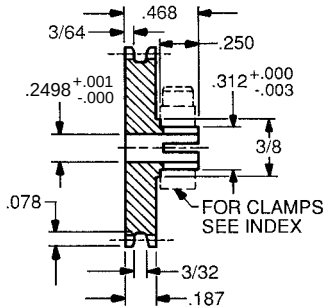
S INCH

Posi-Drive Pulleys - 20 Pitch

■ FOR SINGLE CORE POSI-DRIVE BELTS

■ SPLIT HUB

■ 1/4 BORE



CATALOG NUMBER DESIGNATION:

S 1 1 ☐ 1 3 - 0 ☐ P 2 5 0

Aluminum

A

Stainless Steel S

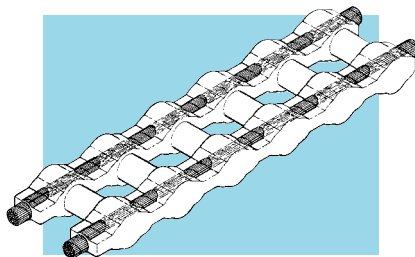
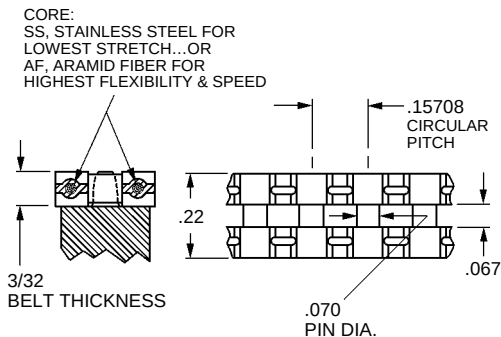
No. of Teeth

MATERIAL: 303 Stainless Steel

2024-T4 Aluminum (Chromic Acid Anodize-Before Cutting)

Pulley Data		
No. of Teeth	P.D.	O.D.
12 *	.600	.662
13 *	.650	.712
14 *	.700	.762
15 *	.750	.812
16	.800	.862
17	.850	.912
18	.900	.962
19	.950	1.012
20	1.000	1.062
22	1.100	1.162
24	1.200	1.262
25	1.250	1.312
26	1.300	1.362
28	1.400	1.462
30	1.500	1.562
32	1.600	1.662
35	1.750	1.812
36	1.800	1.862
40	2.000	2.062
45	2.250	2.312

* Recommended for use as an idler only.

S INCH**Posi-Drive Belts - 20 Pitch****■ TWIN CORE****■ POLYURETHANE****BELT DATA**

Belt Core	Belt Core Code	Min. No. of Teeth in Mesh	Min. Pulley Dia. in.	Max. Belt Operating Speed No Load/Load ft/min.	Max. Operating Belt Tension lbs.
Aramid	AFT	6	.750	1300/550	10
Steel	SST	6	.750	1300/700	20

CATALOG NUMBER DESIGNATION:**S 7914Y-20** **Aramid Fiber Core** **AFT****Stainless Steel Core** **SST****No. of
Drive Pins**

Example: S7914Y-20AFT060 is a 60 Pin Aramid Fiber Core Drive Belt.

MATERIAL: Body – Molded Polyurethane**Core** – Aramid Fiber

Stainless Steel

TEMPERATURE RANGE: -20°F to +180°F

No. of Drive Pins	Pitch Length
30	4.712
35	5.498
40	6.283
45	7.068
50	7.854
55	8.639
60	9.424
70	10.995
80	12.566
90	14.137
100	15.708
110	17.278
120	18.849
130	20.420

No. of Drive Pins	Pitch Length
140	21.991
150	23.562
160	25.132
170	26.703
180	28.274
190	29.845
200	31.416
210	32.986
220	34.557
230	36.128
240	37.699
250	39.270
260	40.840
270	42.441

No. of Drive Pins	Pitch Length
280	43.982
290	45.553
300	47.124
310	48.694
320	50.265
330	51.836
340	53.407
350	54.978
360	56.548
370	58.119
380	59.690
400	62.832
420	65.973
440	69.115

These belts are also sold by the foot, in continuous lengths up to 100 feet.

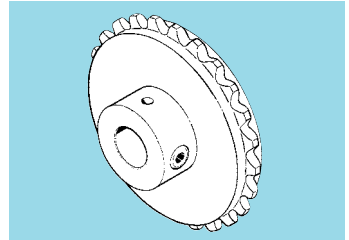
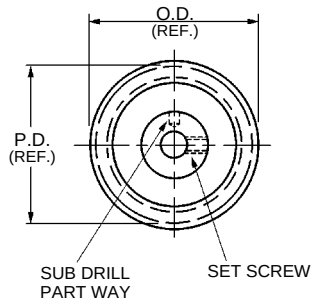
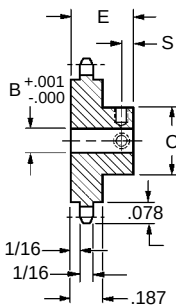
Catalog Number	Belt Core
S7914Y-20AFT	Aramid Fiber
S7914Y-20SST	Stainless Steel

S INCH**Posi-Drive Sprockets - 20 Pitch**

■ FOR TWIN CORE POSI-DRIVE BELTS

■ PIN TYPE

■ 1/8, 3/16 & 1/4 BORES

**CATALOG NUMBER DESIGNATION:**

S 1 0 1 4 - 0 P P P P

Aluminum

A

Stainless Steel

S

Bore Code

No. of Teeth

SPROCKET DIMENSIONS

Bore	Bore Code	B	C	S	E	Set Screw
1/8	125	.1248	.312	.090	.375	#2-56
3/16	187	.1873	.375	.110	.406	#4-40
1/4	250	.2498	.500	.120	.437	#6-32

MATERIAL: 303 Stainless Steel

2024-T4 Aluminum (Chromic Acid Anodize-Before Cutting)

Sprocket Data			Bore Code		
No. of Teeth	P.D.	O.D.	125	187	250
			B, Bore & Availability		
10 *	.500	.562	.1248	.1873	.2498
11 *	.550	.612			
12 *	.600	.662			
13 *	.650	.712			
14 *	.700	.762			
15 *	.750	.812			
16	.800	.862			
17	.850	.912			
18	.900	.962			
19	.950	1.012			
20	1.000	1.062			
22	1.100	1.162			
24	1.200	1.262			
25	1.250	1.312			
26	1.300	1.362			
28	1.400	1.462			
30	1.500	1.562			
32	1.600	1.662			
35	1.750	1.812			
36	1.800	1.862			
40	2.000	2.062			
45	2.250	2.312			
50	2.500	2.562			
60	3.000	3.062			
70	3.500	3.562			
80	4.000	4.062			

Shaded areas represent sizes not available.

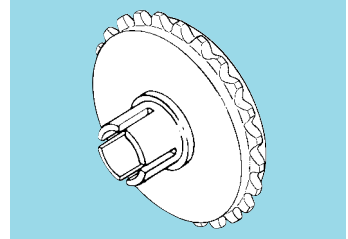
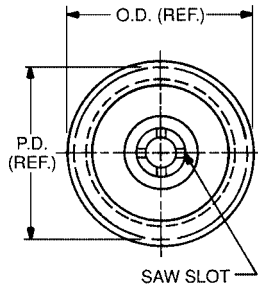
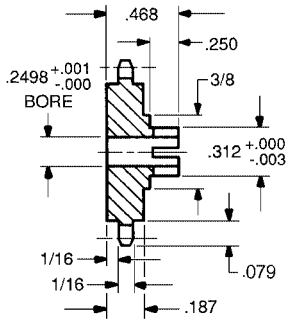
* Recommended for use as an idler only.

S INCH**Posi-Drive Sprockets -20 Pitch**

■ FOR TWIN CORE POSI-DRIVE BELTS

■ SPLIT HUB

■ 1/4 BORE

**CATALOG NUMBER DESIGNATION:**S 1 1 ☐ 1 4 - 0 ☐ ☐ P 2 5 0

Aluminum

A

Stainless Steel

S

No. of Teeth

MATERIAL: 303 Stainless Steel
2024-T4 Aluminum (Chromic Acid Anodize-Before Cutting)

Sprocket Data

No. of Teeth	P.D.	O.D.
12 *	.600	.662
13 *	.650	.712
14 *	.700	.762
15 *	.750	.812
16	.800	.862
17	.850	.912
18	.900	.962
19	.950	1.012
20	1.000	1.062
22	1.100	1.162
24	1.200	1.262
25	1.250	1.312
26	1.300	1.362
28	1.400	1.462
30	1.500	1.562
32	1.600	1.662
35	1.750	1.812
36	1.800	1.862
40	2.000	2.062
45	2.250	2.312

* Recommended for use as an idler only.



Stock Drive Products/Sterling Instrument

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Inch Inch Inch Inch Inch Inch Inch Inch Inch

Plastic Subminiature Roller Chain

■ MOLDED

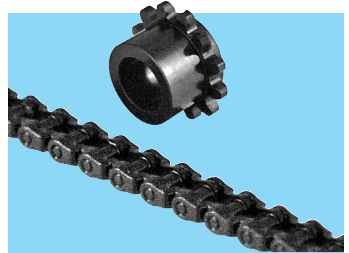
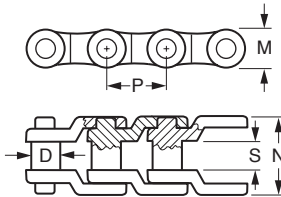
■ .1227 PITCH

■ SINGLE STRAND

■ SELF-LUBRICATING

MOMENTARY
ELASTICITY TABLE

Tension Ounces	Elongation Percent
1	0.10
2	0.16
4	0.26
8	0.40
12	0.53
16	0.66
32	1.10
64	2.00

**MATERIAL:** Acetal Resin, Black

Priced Per Foot

Catalog Number	P Pitch ($\pm 1/2\%$)	Links Per Foot	D	S	M	N	Weight Per Foot	Operating Tension Load
A 6M 7-12	.1227	98	.060	.062	.082	.162	.067 oz.	2 lb.

WEIGHT

Approximately 1 oz. /15 feet.

THE DESIGN

Unit-link design eliminates need for master link and makes length adjustable by snap-together assembly. Either side of chain will run on the sprockets.

OPERATING SPEED

To 1000 feet per minute around 8-tooth sprockets, larger sizes higher.

LOAD TENSION

Operates running tension loads up to 2 pounds. Sustained static tension such as with spring-loaded idlers not recommended. Means of limiting torque and tension should be provided. See elasticity table. Long-term tension gives greater elongation.

CENTER DISTANCES

Should be adjustable, or adjustable position idlers incorporated to compensate for pitch variation and wear.

OPERATING TEMPERATURE

The chain and sprockets have been stress-relieved and have operating capabilities over the range of minus 40 to plus 250 degrees F. Sustained temperatures above 180 degrees F not recommended. Strength derating applies at temperatures above 75 degrees F.

SERVICE LIFE

Roller chains have very long service life if operated within the recommended temperature range; e.g., for 10 teeth sprocket with average running tension of 8 oz. and maximum allowable elongation of 0.85%, the service life of the chain is approximately 3.3 million cycles.

LUBRICATION

Surface penetration with oil has been provided and is considered to be sufficient for average service. Some applications may be found to require additional lubrication.

QUALITY CONTROL

100% inspection for momentary break strength (7 pounds minimum), thickness, width, pitch dimension and flexibility.

APPLICATIONS-LIMITATIONS

These components are designed especially for requirements found among mechanical drives in the field of instrumentation. Servo drives to stylus or pen carriages in recorders and X-Y plotters, chart roll drives and counter drives are some of the principal applications.

Operational speed is seldom a limiting factor, however, the load, inertial impact and elasticity factors must be given due consideration and evaluated in a typical prototype before final application.

The data provided herein are furnished only for general evaluation and are not necessarily indicative of specific use adaptability.

SDPSI

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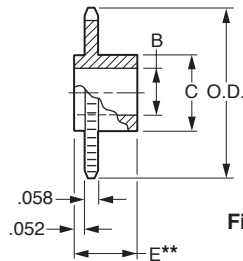
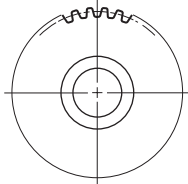
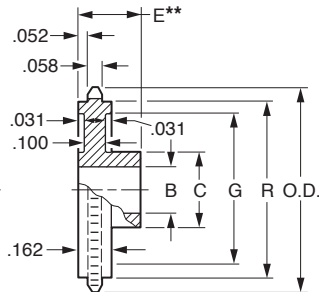
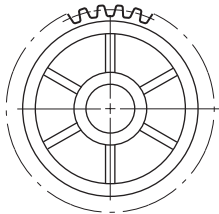
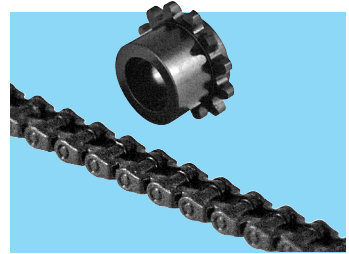
■ MOLDED

■ NONMAGNETIC

■ SELF-LUBRICATING

■ NONCONDUCTIVE

Inch Inch Inch Inch Inch Inch Inch Inch Inch

Plastic Submin. Chain Sprockets - .1227 Pitch**Fig. 1****Fig. 2****Catalog Number Designation:**A 6 M 7 - 1 2 Suffix Code
(from table)**MATERIAL:** Acetal Resin, Black

No. of Teeth	Suffix Code				Fig. No.	Spokes	P.D.*	O.D.*	Root*	Nominal Dimensions				
	Nominal Bore B									C	R	G		
	1/8	3/16	1/4	3/8										
8	0804	—	—	—	1	—	.318	.371	.258	.236	—	—		
9	0904						.356	.409	.296					
10	1004						1006	.394	.456				.334	
12	1204						1206	1208	.471				.535	.411
15	1504						1506	1508	.586				.650	.526
16	1604						1606	1608	.625				.690	.565
18	1804						1806	1808	.702				.769	.642
20	2004						2006	2008	2012				.780	.848
24	—	2406	2408	2412	2	6	.934	1.005	.874	B + 1/8	.846	.746		
30		3006	3008	3012			1.167	1.239	1.107		1.079	.979		
32		3206	3208	3212			1.246	1.318	1.186		1.158	1.058		
36		—	3608	3612			1.400	1.470	1.340		1.312	1.212		
40			4008	4012		8	1.554	1.628	1.494		1.466	1.366		
48			4808	4812			1.865	1.939	1.805		1.777	1.677		

*Dimensions are +.00, -.01 at 75°F.

NOTE: Nominal bore B is for press fit on given size shaft.**E = .312 for 1/8, 3/16, & 1/4 Bores
.375 for 3/8 Bore



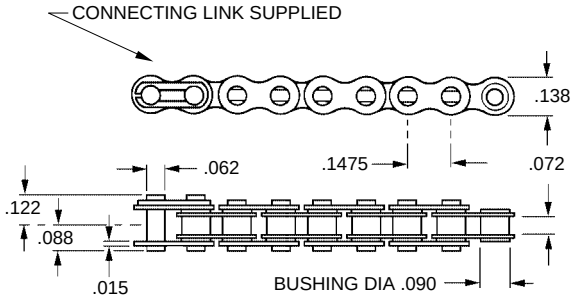
INCH

Miniature Roller Chains - .1475 Pitch

■ STEEL

■ SINGLE STRAND

■ RIVETED



MATERIAL: Stainless Steel Type 18-8

FINISH: Clear Passivated

AVERAGE TENSILE LOAD: 180 lbs.

WEIGHT: .035 lbs. per foot

Catalog Number	No. of Links	Length
A 6Y 7-M050	50	7.375
A 6Y 7-M060	60	8.850
A 6Y 7-M070	70	10.325
A 6Y 7-M080	80	11.800
A 6Y 7-M090	90	13.275
A 6Y 7-M100	100	14.750
A 6Y 7-M110	110	16.225
A 6Y 7-M120	120	17.700
A 6Y 7-M130	130	19.175
A 6Y 7-M140	140	20.650
A 6Y 7-M150	150	22.125
A 6Y 7-M160	160	23.600
A 6Y 7-M170	170	25.075
A 6Y 7-M180	180	26.550
A 6Y 7-M190	190	28.025
A 6Y 7-M200	200	29.500
A 6Y 7-M210	210	30.975
A 6Y 7-M220	220	32.450
A 6Y 7-M230	230	33.925
A 6Y 7-M240	240	35.400

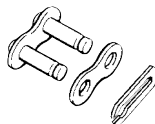
NOTE: Sizes not listed are available on request.

All lengths include and are supplied with connecting link A 6Y 7-14CHA.

CONNECTING LINK (SNAP TYPE)

Catalog Number

A 6Y 7-14CHA



BUSHING LINK

Catalog Number

A 6Y 7-14BL





INCH

Miniature Chain Sprockets - .1475 Pitch

■ STAINLESS STEEL

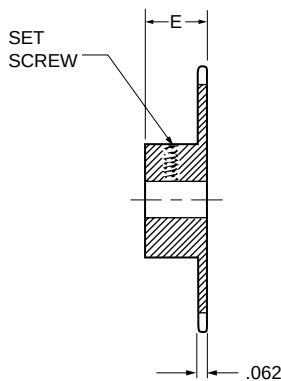


Fig. 1

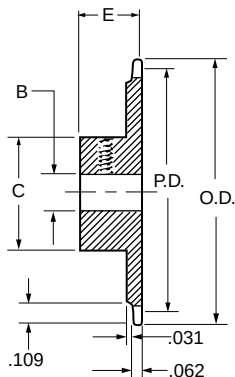
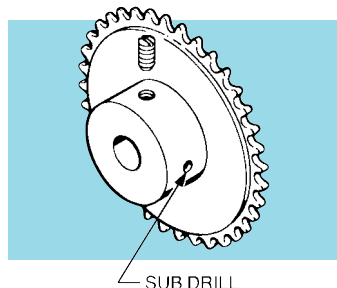


Fig. 2



MATERIAL: 303 Stainless Steel
FINISH: Clear Passivated

Catalog Number	Fig.	No. of Teeth	P.D.	O.D.	B Bore +.001 -.000	E	C	Set Screw & Sub Drill
A 6X 7-1407	1	7	.340	.392	.0937	11/32	*15/64	—
A 6X 7-1408		8	.385	.437	.1250	11/32	*9/32	#2-56 .029
A 6X 7-1409		9	.431	.483			*21/64	
A 6X 7-1410		10	.477	.529			*3/8	
A 6X 7-1412		12	.570	.622			25/64	
A 6X 7-1415		15	.709	.761	.1875	11/32	17/32	#4-40 .040
A 6X 7-1416		16	.756	.808			9/16	
A 6X 7-1418		18	.849	.901			21/32	
A 6X 7-1420		20	.943	.995	.1875 .2500	13/32	3/4	#6-32 .070
A 6X 7-1420A								
A 6X 7-1424	2	24	1.130	1.182	.2500	13/32	3/4	#6-32 .070
A 6X 7-1428		28	1.317	1.369				
A 6X 7-1430		30	1.411	1.463	.2500	13/32	3/4	#6-32 .070
A 6X 7-1434		34	1.598	1.650				
A 6X 7-1436		36	1.692	1.744				
A 6X 7-1440		40	1.880	1.932				
A 6X 7-1448		48	2.255	2.307				

NOTE: Ladder Chain A 6Y 8M375 shown in Metric Drive Component Catalog 780 can be used with these chain sprockets.

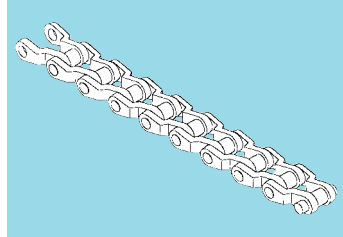
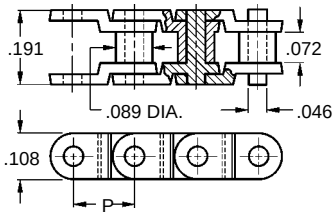
*Hubs are grooved 3/32" wide next to the sprocket to provide clearance for chain link plate.



INCH

Roller Chain & Sprockets - .1475 Pitch

- MOLDED
- MINIATURE
- SINGLE STRAND
- NONCONDUCTIVE
- NONMAGNETIC
- SELF-LUBRICATING

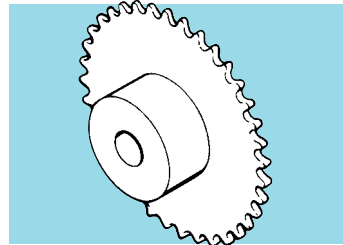
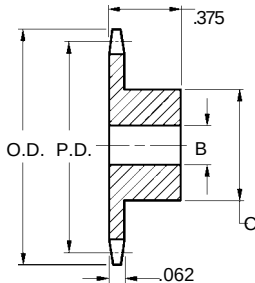


ROLLER CHAIN

Priced Per Foot

Catalog Number	MATERIAL	P Pitch	Links per Foot	Weight per Foot
A 6M 7-MT	Nylatron GS	.1475	81.3	.093 oz.

NOTE: For larger pitch plastic roller chains and sprockets, see pages 2-210, 2-215, 2-216 and 2-217



SPROCKETS

MATERIAL: Nylatron GS

Catalog Number	No. of Teeth	P.D.	O.D.	B Bore	C
A 6M 7-1407	7	0.340	0.392	.093	3/16
A 6M 7-1408	8	0.385	0.437		7/32
A 6M 7-1409	9	0.431	0.483	.125	1/4
A 6M 7-1410	10	0.477	0.529		1/4
A 6M 7-1412	12	0.570	0.622		1/4
A 6M 7-1413	13	0.616	0.668		3/8
A 6M 7-1414	14	0.663	0.715		3/8
A 6M 7-1415	15	0.709	0.761		1/2
A 6M 7-1416	16	0.756	0.808	.1875	1/2
A 6M 7-1417	17	0.803	0.855		
A 6M 7-1418	18	0.849	0.901		1/2
A 6M 7-1419	19	0.896	0.948		
A 6M 7-1420	20	0.943	0.995		
A 6M 7-1421	21	0.990	1.042		
A 6M 7-1422	22	1.036	1.088	.250	5/8
A 6M 7-1423	23	1.083	1.135		
A 6M 7-1424	24	1.130	1.182		

Catalog Number	No. of Teeth	P.D.	O.D.	B Bore	C
A 6M 7-1425	25	1.177	1.228		
A 6M 7-1426	26	1.224	1.276		
A 6M 7-1427	27	1.270	1.322		
A 6M 7-1428	28	1.317	1.369		
A 6M 7-1429	29	1.364	1.416		
A 6M 7-1430	30	1.411	1.463		
A 6M 7-1431	31	1.458	1.510		
A 6M 7-1432	32	1.505	1.557		
A 6M 7-1433	33	1.552	1.604	.250	5/8
A 6M 7-1434	34	1.598	1.650		
A 6M 7-1435	35	1.645	1.697		
A 6M 7-1436	36	1.692	1.744		
A 6M 7-1438	38	1.786	1.838		
A 6M 7-1440	40	1.880	1.932		
A 6M 7-1442	42	1.974	2.026		
A 6M 7-1444	44	2.068	2.120		
A 6M 7-1452	52	2.443	2.495		

NOTE: Also available in Acetal, different bores, hub features and hubless, on special order.



Stock Drive Products/Sterling Instrument

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Roller Chain & Links - .250 Pitch

■ STAINLESS STEEL

■ STEEL

■ SINGLE STRAND

■ RIVETED

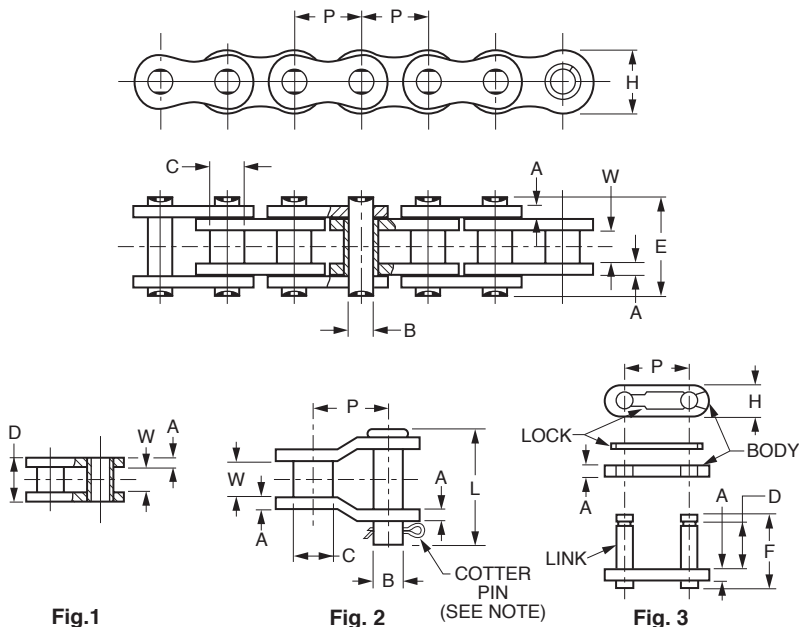


Fig. 1
ROLLER
CONNECTING
LINK

Fig. 2
SINGLE OFFSET
CONNECTING
LINK

Fig. 3
SPRING CLIP
CONNECTING
LINK

• ROLLER CHAIN

Priced Per Foot

STANDARD-DUTY TYPE													
Catalog Number	Material	P Pitch	W	H Width	A Thickness	B Pin Dia.	L Pin Length	C Roller Dia.	D +.002 -.000	E	F	Tensile Load lb.	Weight Per Foot lb./ft.
A 6Q 7-25	Hardened Steel	.25	.125	.232	.03	.09	.34	.13	.19	.31	.33	787	.1
A 6Y 7-25	Stainless Steel											562	

HEAVY-DUTY TYPE													
A 6Q 7-H25	Hardened Steel	.25	.125	.232	.039	.09	.43	.13	.21	.35	.38	1169	.107
A 6Y 7-H25	Stainless Steel											562	

• CONNECTING LINKS

Roller Chain	Material	Roller (Fig. 1)	Single Offset (Fig. 2)	Spring Clip (Fig. 3)
A 6Q 7-25	Hardened Steel	A 6Q 7-25RL	A 6Q 7-25OSCLS	A 6Q 7-25SCCL
A 6Y 7-25	Stainless Steel	A 6Y 7-25RL	A 6Y 7-25OSCLS	A 6Y 7-25SCCL
A 6Q 7-H25	Hardened Steel	A 6Q 7-H25RL	A 6Q 7-H25OSCLS	A 6Q 7-H25SCCL
A 6Y 7-H25	Stainless Steel	A 6Y 7-H25RL	A 6Y 7-H25OSCLS	A 6Y 7-H25SCCL

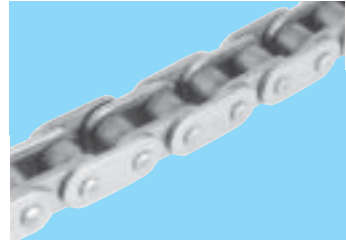
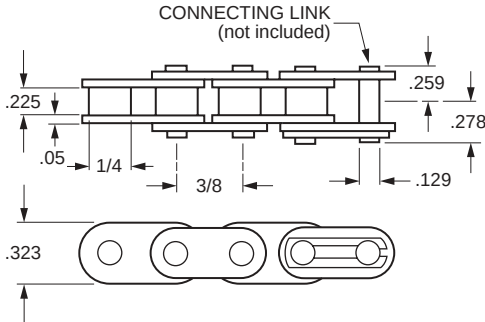
NOTE: Cotter pin for HEAVY-DUTY TYPE.

Retaining Ring for STANDARD-DUTY TYPE.

■ STAINLESS STEEL

■ SINGLE STRAND

■ RIVETED



MATERIAL: Stainless Steel

Priced Per Foot

ROLLER CHAIN		
Catalog Number	Average Tensile Load - lbs.	Average Weight Per Foot - lb./ft.
A 6Y77-37	1236	.276



MATERIAL: Stainless Steel

CONNECTING LINKS (FOR ROLLER CHAIN)	
Catalog Number	Type of Connecting Link
A 6Y77-37SCCL	Spring Clip

Did You Know?

... That there are over 7700 inch and 10244 metric size belts and pulleys featured in our catalogs?



INCH

Plastic Roller Chain

■ MOLDED

■ 1/4", 3/8" & 1/2" PITCH

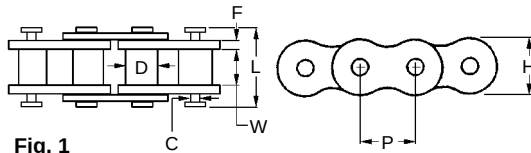


Fig. 1

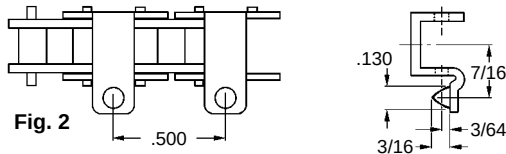
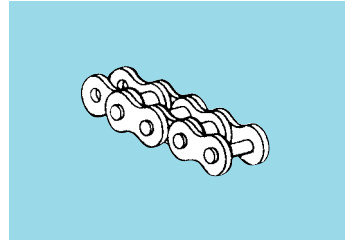


Fig. 2



MATERIAL	TEMPERATURE RANGE
Nylatron GS	-40°F to +250°F
Acetal	-40°F to +180°F
Polypropylene	-30°F to +180°F
Polyvinylidene	-50°F to +140°F

Priced Per Foot

• Fig. 1													ROLLER CHAINS									
Catalog Number				P Pitch Nom.	W	D	C	F	L	H	Ult. Tensile Load	Speed Max. ft./min.										
Nylatron GS	Acetal	Polypropylene	Polyvinylidene																			
A 6M 7-25	A 6M 7-25ACE	A 6M 7-25PLP	—	1/4	1/8	.130	.105	.040	.359	.25	65 lb.	4000										
A 6M 7-37	A 6M 7-37ACE	A 6M 7-37PLP	—	3/8	3/16	.200	.141	.075	.545	.35	136 lb.	4000										
A 6M 7-50	A 6M 7-50ACE	A 6M 7-50PLP	A 6M 7-50PLV	1/2	5/16	5/16	.156	.088	.725	.46	173 lb.	3000										

• Fig. 2	PAPER DRIVE ROLLER CHAIN
A 6M 7-25T	1/4" Pitch. For other dimensions, see Fig. 2.

NOTE: For 1/4 & 3/8 pitch ladder chains, see index.

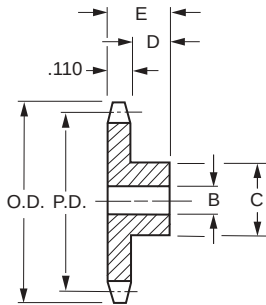


SDP/SI
Stock Drive Products/Sterling Instrument

Sprockets for Roller Chain - .250 Pitch

Phone: 516-326-3300 Fax: 516-326-8827

■ STAINLESS STEEL ■ FOR NO. 25 SINGLE STRAND CHAINS ■ .110 FACE



MATERIAL: 303 Stainless Steel

Catalog Number	No. of Teeth	P.D.	O.D. (Ref.)	B Bore	E Length	C Hub Dia.	D Hub Proj.
A 6X 7-2509	9	.731	.84	.250	1/2	13/32	.39
A 6X 7-2510	10	.809	.92			31/64	
A 6X 7-2511	11	.887	1.00			9/16	
A 6X 7-2512	12	.966	1.08			21/32	
A 6X 7-2513	13	1.045	1.17		1/2	23/32	.39
A 6X 7-2514	14	1.123	1.24			13/16	
A 6X 7-2515	15	1.202	1.33			7/8	
A 6X 7-2516	16	1.281	1.41			31/32	
A 6X 7-2517	17	1.361	1.49		1/2	1-1/16	.39
A 6X 7-2518	18	1.440	1.57			1-1/8	
A 6X 7-2519	19	1.519	1.65			1-7/32	
A 6X 7-2520	20	1.598	1.73		5/8	1-9/32	.51
A 6X 7-2525	25	1.995	2.13	.375	5/8	1-11/16	.51
A 6X 7-2530	30	2.392	2.53		5/8	2-3/32	.51
A 6X 7-2536	36	2.868	3.01		3/4	2-3/32	.64
A 6X 7-2540	40	3.186	3.33	.500	3/4	2-13/32	.64
A 6X 7-2545	45	3.584	3.73				
A 6X 7-2560	60	4.777	4.92				

NOTE: These sprockets can be used with standard #25, 1/4 pitch roller or ladder chains.



Inch Inch Inch Inch Inch Inch Inch Inch Inch Inch

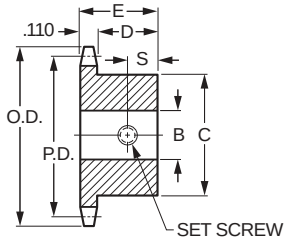
Sprockets for Roller Chain - .250 Pitch

Stock Drive Products/Sterling Instrument ■ Phone: 516-328-3300 ■ Fax: 516-326-8827

■ STEEL

■ FOR NO. 25 SINGLE STRAND CHAINS

■ .110 FACE



MATERIAL: Steel

Catalog Number	No. of Teeth	P.D.	O.D. (Ref.)	B Bore	E Length	C Hub Dia.	D Hub Proj.	S Dim.	Set Screw
A 6C 7-25B09	9	.731	.84	1/4	1/2	7/16	25/64	3/16	#10-32
A 6C 7-25B10	10	.809	.92			1/2			
A 6C 7-25B11	11	.887	1.00			9/16			
A 6C 7-25B12	12	.966	1.08		1/2	5/8	25/64	3/16	#10-32
A 6C 7-25B13	13	1.045	1.17			23/32			
A 6C 7-25B14	14	1.124	1.24			13/16			
A 6C 7-25B15	15	1.203	1.33			7/8			
A 6C 7-25B16	16	1.282	1.41		1/2	31/32	25/64	3/16	#10-32
A 6C 7-25B17	17	1.361	1.49			1-1/32			
A 6C 7-25B18	18	1.440	1.57			1-1/8			
A 6C 7-25B19	19	1.519	1.65			1-7/32			
A 6C 7-25B20	20	1.598	1.73	3/8	5/8	1-9/32	33/64	3/16	#10-32
A 6C 7-25B21	21	1.678	1.81			1-3/8			
A 6C 7-25B22	22	1.757	1.89			1-7/16			
A 6C 7-25B23	23	1.836	1.97			1-1/2			
A 6C 7-25B24	24	1.915	2.05		5/8	1-1/2	33/64	3/16	#10-32
A 6C 7-25B25	25	1.995	2.13			1-1/2			
A 6C 7-25B26	26	2.074	2.21			1-1/2			
A 6C 7-25B28	28	2.233	2.37			1-1/2			
A 6C 7-25B30	30	2.392	2.53		5/8	1-1/2	33/64	1/4	1/4-20
A 6C 7-25B32	32	2.551	2.69			1-1/2			
A 6C 7-25B36	36	2.869	3.01	1/2	3/4	2	41/64	1/4	1/4-20
A 6C 7-25B40	40	3.187	3.33						
A 6C 7-25B45	45	3.584	3.73						
A 6C 7-25B48	48	3.823	3.96						
A 6C 7-25B54	54	4.300	4.44		3/4	2	41/64	1/4	1/4-20
A 6C 7-25B60	60	4.777	4.92						
A 6C 7-25B70	70	5.572	5.72						
A 6C 7-25B72	72	5.731	5.87						

NOTE: These sprockets can be used with standard #25, 1/4 pitch roller or ladder chains.



SDP/SI
Stock Drive Products/Sterling Instrument

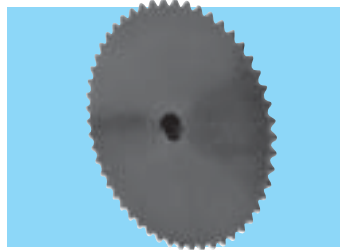
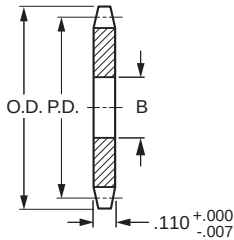
Sprockets for Roller Chain - .250 Pitch

Phone: 516-328-3300 Fax: 516-326-8827

■ STEEL

■ FOR NO. 25 SINGLE STRAND CHAINS

■ .110 FACE



MATERIAL: Steel

Catalog Number	No. of Teeth	P.D.	O.D. (Ref.)	B Bore
A 6C 7-25009	9	.731	.84	.250
A 6C 7-25010	10	.809	.92	
A 6C 7-25011	11	.887	1.00	
A 6C 7-25012	12	.966	1.08	
A 6C 7-25013	13	1.045	1.16	
A 6C 7-25014	14	1.124	1.25	
A 6C 7-25015	15	1.203	1.33	
A 6C 7-25016	16	1.282	1.41	
A 6C 7-25017	17	1.361	1.49	
A 6C 7-25018	18	1.440	1.57	
A 6C 7-25019	19	1.519	1.65	
A 6C 7-25020	20	1.598	1.73	
A 6C 7-25021	21	1.678	1.81	.375
A 6C 7-25022	22	1.757	1.89	
A 6C 7-25023	23	1.836	1.97	
A 6C 7-25024	24	1.915	2.05	
A 6C 7-25025	25	1.995	2.13	
A 6C 7-25026	26	2.074	2.21	
A 6C 7-25027	27	2.153	2.29	
A 6C 7-25028	28	2.233	2.37	
A 6C 7-25029	29	2.312	2.45	
A 6C 7-25030	30	2.392	2.53	
A 6C 7-25031	31	2.471	2.61	
A 6C 7-25032	32	2.551	2.69	.500
A 6C 7-25033	33	2.630	2.77	
A 6C 7-25034	34	2.710	2.85	
A 6C 7-25035	35	2.789	2.93	
A 6C 7-25036	36	2.869	3.01	
A 6C 7-25037	37	2.948	3.09	
A 6C 7-25038	38	3.027	3.17	
A 6C 7-25039	39	3.107	3.25	
A 6C 7-25040	40	3.187	3.33	
A 6C 7-25041	41	3.266	3.41	
A 6C 7-25042	42	3.345	3.49	
A 6C 7-25043	43	3.425	3.57	
A 6C 7-25044	44	3.504	3.65	.500
A 6C 7-25045	45	3.584	3.73	
A 6C 7-25046	46	3.663	3.81	

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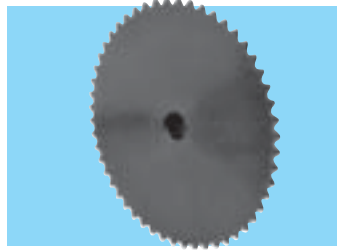
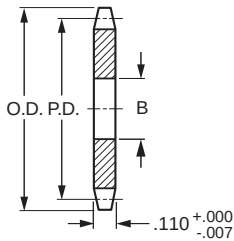
NOTE: These sprockets can be used with #25, 1/4 pitch roller or ladder chains.

SDP/SI	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Inch
Sprockets for Roller Chain - .250 Pitch									
Stock Drive Products/Sterling Instrument			Phone: 516-328-3300			Fax: 516-326-8827			

■ STEEL

■ FOR NO. 25 SINGLE STRAND CHAINS

■ .110 FACE



MATERIAL: Steel

Catalog Number	No. of Teeth	P.D.	O.D. (Ref.)	B Bore
A 6C 7-25047	47	3.743	3.89	.500
A 6C 7-25048	48	3.823	3.96	
A 6C 7-25049	49	3.902	4.04	
A 6C 7-25050	50	3.981	4.12	
A 6C 7-25051	51	4.061	4.20	
A 6C 7-25052	52	4.141	4.28	
A 6C 7-25053	53	4.220	4.36	
A 6C 7-25054	54	4.300	4.44	
A 6C 7-25055	55	4.379	4.52	
A 6C 7-25056	56	4.459	4.60	
A 6C 7-25057	57	4.538	4.68	
A 6C 7-25058	58	4.618	4.76	
A 6C 7-25059	59	4.697	4.84	
A 6C 7-25060	60	4.777	4.92	
A 6C 7-25061	61	4.856	5.00	
A 6C 7-25062	62	4.936	5.08	
A 6C 7-25063	63	5.015	5.16	
A 6C 7-25064	64	5.095	5.24	
A 6C 7-25065	65	5.175	5.32	
A 6C 7-25066	66	5.254	5.40	
A 6C 7-25067	67	5.334	5.48	
A 6C 7-25068	68	5.413	5.56	
A 6C 7-25069	69	5.493	5.64	
A 6C 7-25070	70	5.572	5.72	
A 6C 7-25072	72	5.731	5.88	
A 6C 7-25075	75	5.970	6.12	
A 6C 7-25076	76	6.050	6.19	
A 6C 7-25078	78	6.209	6.35	
A 6C 7-25080	80	6.368	6.51	
A 6C 7-25085	85	6.766	6.91	
A 6C 7-25090	90	7.163	7.31	
A 6C 7-25095	95	7.561	7.71	
A 6C 7-25100	100	7.959	8.11	
A 6C 7-25110	110	8.755	8.90	
A 6C 7-25120	120	9.550	9.70	
A 6C 7-25125	125	9.948	10.10	

NOTE: These sprockets can be used with #25, 1/4 pitch roller or ladder chains.



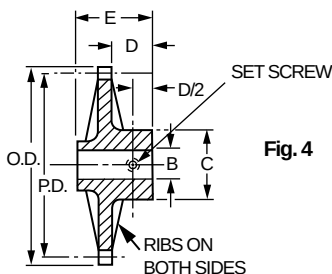
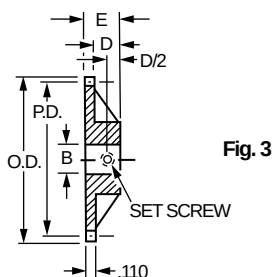
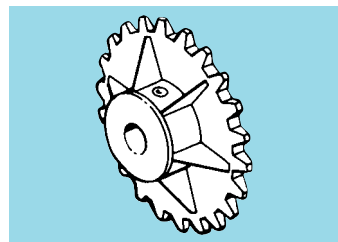
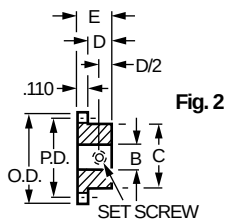
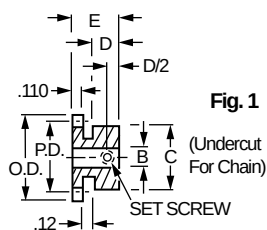
INCH

Sprockets for Roller Chain - .250 Pitch

■ MOLDED

■ NO. 25 SINGLE STRAND CHAINS

■ .110 FACE



MATERIAL: Molded Nylon Reinforced With Fiberglass

Catalog Number	Fig. No.	No. of Teeth	P.D.	O.D.	B Bore +.0015 -.0000	E Length	C Hub Dia.	D Hub Proj.
A 6T 7-2509	1	9	.731	.850	.2505	35/64	13/16	5/16
A 6T 7-2510		10	.809	.931				
A 6T 7-2511		11	.887	1.010				
A 6T 7-2512		12	.966	1.092				
A 6T 7-2513		13	1.045	1.170				
A 6T 7-2514	2	14	1.123	1.250		27/64	13/16	
A 6T 7-2515		15	1.202	1.332				
A 6T 7-2516		16	1.281	1.412				
A 6T 7-2517		17	1.360	1.493				
A 6T 7-2518		18	1.439	1.573				
A 6T 7-2519	3	19	1.519	1.654		27/64	1	
A 6T 7-2520		20	1.598	1.731				
A 6T 7-2521		21	1.677	1.813				
A 6T 7-2522		22	1.757	1.892				
A 6T 7-2524		24	1.915	2.052				
A 6T 7-2526	4	26	2.074	2.214		37/64	1	
A 6T 7-2528		28	2.233	2.368				
A 6T 7-2530		30	2.392	2.529				
A 6T 7-2532		32	2.550	2.686				
A 6T 7-2536		36	2.868	3.003				
A 6T 7-2540	4	40	3.186	3.319		37/64	1	
A 6T 7-2545		45	3.583	3.716				
A 6T 7-2548		48	3.822	3.955				

All sprockets have a #10-24 set screw.

NOTE: All these sprockets can be used with # 25, 1/4" pitch roller or ladder chains.

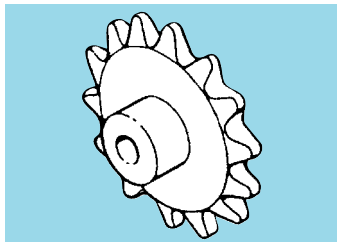
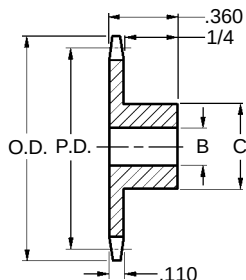


Sprockets for Roller Chain - .250 Pitch

■ MOLDED

■ FOR NO. 25 SINGLE STRAND CHAINS

■ .110 FACE



MATERIAL: Acetal Resin, White

Catalog Number	No. of Teeth	P.D	O.D.	B Bore	C Hub Dia.
A 6M 7-2510	10	.809	.92	1/4	31/64
A 6M 7-2512	12	.966	1.08		39/64
A 6M 7-2515	15	1.203	1.33		
A 6M 7-2516	16	1.282	1.41		39/64
A 6M 7-2517	17	1.361	1.49		
A 6M 7-2518	18	1.440	1.57		
A 6M 7-2519	19	1.519	1.65		
A 6M 7-2520	20	1.598	1.73		
A 6M 7-2524	24	1.915	2.05	5/16	39/64
A 6M 7-2525	25	1.995	2.13		43/64
A 6M 7-2530	30	2.392	2.53		43/64
A 6M 7-2532	32	2.551	2.69	3/8	43/64
A 6M 7-2536	36	2.869	3.01		
A 6M 7-2540	40	3.187	3.33		

NOTE: These sprockets can be used with #25, 1/4" pitch roller or ladder chains.

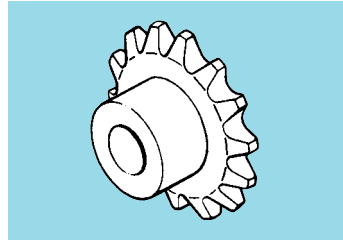
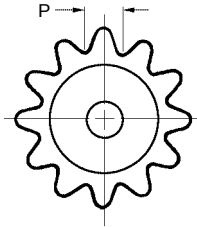
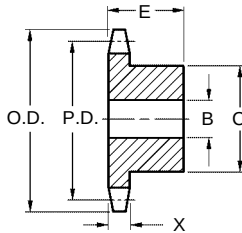


INCH

Sprockets for Roller Chain

■ MOLDED

■ 3/8" & 1/2" PITCH



For 3/8 Pitch : X = .16
1/2 Pitch : X = .28

SPROCKETS

Catalog Number	P Pitch	No. of Teeth	P.D	O.D. Ref.	B	E	C
MATERIAL: Nylatron GS Fiberglass Reinforced							
A 6M 7-3709	3/8	9	1.096	1.25	3/8	3/4	5/8
A 6M 7-3710		10	1.214	1.38			3/4
A 6M 7-3711		11	1.331	1.50			7/8
A 6M 7-3712		12	1.449	1.62	1/2	3/4	1
A 6M 7-3714		14	1.685	1.85			1-1/4
A 6M 7-3715		15	1.804	1.99			1-3/8
A 6M 7-3716		16	1.922	2.11			1-1/2
A 6M 7-3718		18	2.159	2.35			1-11/16
A 6M 7-3720		20	2.397	2.59	7/8	2	1-13/16
A 6M 7-3724		24	2.873	3.07			2
Δ A 6M 7-3726		26	3.111	3.31			2-15/64
A 6M 7-3730		30	3.588	3.79			2-1/4
A 6M 7-3735		35	4.183	4.39			2-1/4
A 6M 7-3736		36	4.303	4.51	5/8	7/8	2-1/4
Δ A 6M 7-3740		40	4.780	4.99		7/8	2-3/4
A 6M 7-3745		45	5.376	5.58		1	2-3/4
A 6M 7-5009	1/2	9	1.462	1.67	1/2	7/8	7/8
A 6M 7-5010		10	1.618	1.84			1-1/8
A 6M 7-5012		12	1.932	2.17			1-3/8
A 6M 7-5015		15	2.405	2.65			1-7/8
A 6M 7-5016		16	2.563	2.81	5/8	53/64	1-7/8
A 6M 7-5024		24	3.831	4.10	5/8	1	2-1/2
A 6M 7-5032		32	5.101	5.38	3/4	1	2
MATERIAL: Acetal							
A 6M 7-25013	1/2	13	2.09	2.28	1/2	25/32	1-7/64
A 6M 7-25015		15	2.40	2.60		25/32	1-7/64
A 6M 7-25017		17	2.72	2.91		1	1-1/4
A 6M 7-25019		19	3.04	3.23		1	1-1/4
A 6M 7-25021		21	3.35	3.56	5/8	1	1-13/32
A 6M 7-25023		23	3.67	3.88			
A 6M 7-25025		25	3.99	4.21			

Δ Sprockets are webbed.

NOTE: For 1/4 pitch molded sprockets, see index.

SDP/SI

Inch Inch Inch Inch Inch Inch Inch Inch Inch Inch

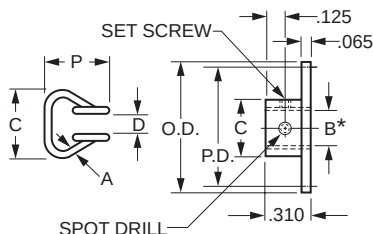
Ladder Chain & Sprockets - .167 Pitch

Stock Drive Products/Sterling Instrument ■ Phone: 516-326-3300 ■ Fax: 516-326-8827

■ SIZE 21

■ MOLDED WITH METAL INSERT

■ .065 FACE

**LADDER CHAIN**

Priced Per Foot

Catalog Number	Material	P Pitch	Links Per Foot	A Wire Dia.	C Outside Width	D Inside Width ±.005	Yield Point lb.
A 6C 8-21	Steel, Tinned	.167	72	.032	.215 - .230	.080	18
A 6C88-21	High-Tensile Steel						35
A 6Y 8-21	Stainless Steel						18

**SPROCKETS**

MATERIAL: Acetal, Black

INSERT: Brass, Knurled

Catalog Number	No. of Teeth	P.D.	O.D.	B* Bore +.001 -.000	C Hub Dia.
A 6Z 8-211004 A 6Z 8-211006	10	.540	.66	.125 .1875	.370
A 6Z 8-211204 A 6Z 8-211206	12	.646	.78	.125 .1875	.370
A 6Z 8-211304 A 6Z 8-211306	13	.697	.83	.125 .1875	.370
A 6Z 8-211404 A 6Z 8-211406	14	.749	.88	.125 .1875	.370
A 6Z 8-211504 A 6Z 8-211506	15	.802	.94	.125 .1875	.370
A 6Z 8-211604 A 6Z 8-211606 A 6Z 8-211608	16	.855	.99	.125 .1875 .250	.490
A 6Z 8-211804 A 6Z 8-211806 A 6Z 8-211808	18	.960	1.09	.125 .1875 .250	.490
A 6Z 8-212004 A 6Z 8-212006 A 6Z 8-212008	20	1.066	1.20	.125 .1875 .250	.490
A 6Z 8-212106 A 6Z 8-212108	21	1.119	1.25	.1875 .250	.490
A 6Z 8-212206 A 6Z 8-212208	22	1.172	1.30	.1875 .250	.490
A 6Z 8-212406 A 6Z 8-212408	24	1.277	1.41	.1875 .250	.490
A 6Z 8-212506 A 6Z 8-212508	25	1.330	1.46	.1875 .250	.490
A 6Z 8-213006 A 6Z 8-213008	30	1.595	1.73	.1875 .250	.490
A 6Z 8-213206 A 6Z 8-213208	32	1.701	1.84	.1875 .250	.490
A 6Z 8-213606 A 6Z 8-213608	36	1.913	2.05	.1875 .250	.490
A 6Z 8-214006 A 6Z 8-214008	40	2.125	2.26	.1875 .250	.490
A 6Z 8-214806 A 6Z 8-214808	48	2.549	2.68	.1875 .250	.490

* Sprockets with: .125 bore have a #2-56 set screw and spot drill.
 .1875 bore have a #4-40 set screw and spot drill.
 .250 bore have a #6-32 set screw and spot drill.

SDP/SI

Inch Inch Inch Inch Inch Inch Inch Inch Inch

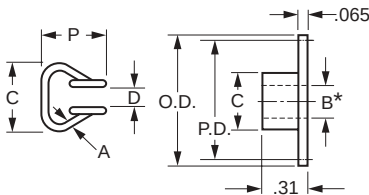
Ladder Chain & Sprockets - .167 Pitch

Stock Drive Products/Sterling Instrument ■ Phone: 516-328-3300 ■ Fax: 516-326-8827

■ SIZE 21

■ MOLDED

■ .065 FACE

**LADDER CHAIN**

Priced Per Foot

Catalog Number	Material	P Pitch	Links Per Foot	A Wire Dia.	C Outside Width	D Inside Width ±.005	Yield Point lb.
A 6C 8-21	Steel, Tinned	.167	72	.032	.215 – .230	.080	18
A 6C88-21	High-Tensile Steel						35
A 6Y 8-21	Stainless Steel						18

SPROCKETS**MATERIAL:** Acetal, Black

Catalog Number	No. of Teeth	P.D.	O.D.	B* Bore	C Hub Dia.
A 6M 8-210604	6	.334	.47	1/8	.246
A 6M 8-210804	8	.436	.56		
A 6M 8-210904	9	.488	.61		
A 6M 8-211004	10	.540	.66	1/8	.246
A 6M 8-211006				3/16	.310
A 6M 8-211008				1/4	.370
A 6M 8-211204	12	.646	.78	1/8	.246
A 6M 8-211206				3/16	.310
A 6M 8-211208				1/4	.370
A 6M 8-211304	13	.697	.83	1/8	.246
A 6M 8-211306				3/16	.310
A 6M 8-211308				1/4	.370
A 6M 8-211404	14	.749	.88	1/8	.246
A 6M 8-211406				3/16	.310
A 6M 8-211408				1/4	.370
A 6M 8-211504	15	.802	.94	1/8	.246
A 6M 8-211506				3/16	.310
A 6M 8-211508				1/4	.370
A 6M 8-211604	16	.855	.99	1/8	.246
A 6M 8-211606				3/16	.310
A 6M 8-211608				1/4	.370
A 6M 8-211612				3/8	.490
A 6M 8-211804	18	.960	1.09	1/8	.246
A 6M 8-211806				3/16	.310
A 6M 8-211808				1/4	.370
A 6M 8-211812				3/8	.490

Catalog Number	No. of Teeth	P.D.	O.D.	B* Bore	C Hub Dia.
A 6M 8-212004	20	1.066	1.20	1/8	.246
A 6M 8-212006				3/16	.310
A 6M 8-212008				1/4	.370
A 6M 8-212012				3/8	.490
A 6M 8-212106	21	1.119	1.25	3/16	.310
A 6M 8-212108				1/4	.370
A 6M 8-212112				3/8	.490
A 6M 8-212206	22	1.172	1.30	3/16	.310
A 6M 8-212208				1/4	.370
A 6M 8-212212				3/8	.490
A 6M 8-212406	24	1.277	1.41	3/16	.310
A 6M 8-212408				1/4	.370
A 6M 8-212412				3/8	.490
A 6M 8-212506	25	1.330	1.46	3/16	.310
A 6M 8-212508				1/4	.370
A 6M 8-212512				3/8	.490
A 6M 8-213006	30	1.595	1.73	3/16	.310
A 6M 8-213008				1/4	.370
A 6M 8-213012				3/8	.490
A 6M 8-213208	32	1.701	1.84	1/4	.310
A 6M 8-213212				3/8	.490
A 6M 8-213608	36	1.913	2.05	1/4	.370
A 6M 8-213612				3/8	.490
A 6M 8-214008	40	2.125	2.26	1/4	.370
A 6M 8-214012				3/8	.490
A 6M 8-214808	48	2.549	2.68	1/4	.370
A 6M 8-214812				3/8	.490

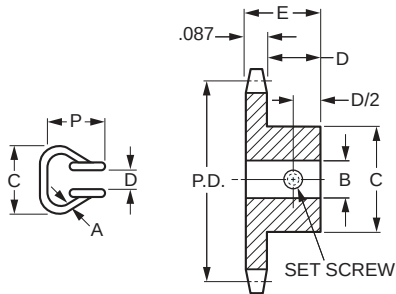
*Bore is sized for press fit on standard shafting.
Use straight knurl on shafting for maximum torques.

SDPSI	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Inch
Ladder Chain & Sprockets - .185 Pitch									
Stock Drive Products/Sterling Instrument			Phone: 516-328-3300			Fax: 516-326-8827			

■ SIZE 19

■ BRASS

■ .087 FACE

**LADDER CHAIN**

Priced Per Foot

Catalog Number	Material	P Pitch	Links Per Foot	A Wire Dia.	C Outside Width ± .010	D Inside Width ± .005	Yield Point lb.
A 6C 8-19	Steel	.185	65	.041	.305	.120	30
A 6C88-19	High-Tensile Steel						55
A 6B 8-19	Brass						18
A 6Y 8-19	Stainless Steel						30

SPROCKETS**MATERIAL:** Brass

Catalog Number	No. of Teeth	P.D.	B Bore	E Length	C Hub Dia.	D Hub Proj.	Type
A 6B 8-1906	6	.36	1/8	11/32	1/4	1/4	Plain
A 6B 8-1907	7	.41			1/4		
A 6B 8-1908	8	.47			5/16		
A 6B 8-1909	9	.53			3/8		
A 6B 8-1910	10	.59			3/8		
A 6B 8-1912	12	.70	3/16	11/32	7/16	1/4	Plain
A 6B 8-1915	15	.87			1/2		
A 6B 8-1916	16	.93			1/2		
A 6B 8-1918	18	1.06		11/32	1/2	1/4	Plain
A 6B 8-1920	20	1.16			1/2		
A 6B 8-1924	24	1.38	1/2				
A 6B 8-1932	32	1.86	1/4	13/32	5/8	5/16	Plain
A 6B 8-1936	36	2.12	5/16	13/32	11/16	5/16	Plain
A 6B 8-1948	48	2.78					
A 6B 8-1960	60	3.48					
A 6B 8-1972	72	4.21	5/16	13/32	11/16	5/16	Cast

Sprockets with: 6 to 8 teeth have a #4-40 set screw.
 9 & 10 teeth have a #6-32 set screw.
 12 to 32 teeth have a #8-32 set screw.
 36 to 72 teeth have a #10-32 set screw.

Inch Inch Inch Inch Inch Inch Inch Inch Inch

SDPSI

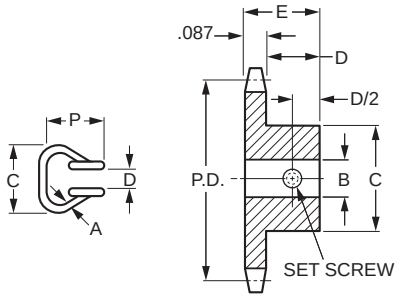
Ladder Chain & Sprockets - .185 Pitch

Stock Drive Products/Sterling Instrument ■ Phone: 516-328-3300 ■ Fax: 516-326-8827

■ SIZE 19

■ STEEL

■ .087 FACE

**LADDER CHAIN**

Priced Per Foot

Catalog Number	Material	P Pitch	Links Per Foot	A Wire Dia.	C Outside Width $\pm .010$	D Inside Width $\pm .005$	Yield Point lb.
A 6C 8-19	Steel	.185	65	.041	.305	.120	30
A 6C88-19	High-Tensile Steel						55
A 6B 8-19	Brass						18
A 6Y 8-19	Stainless Steel						30

SPROCKETS**MATERIAL:** Steel

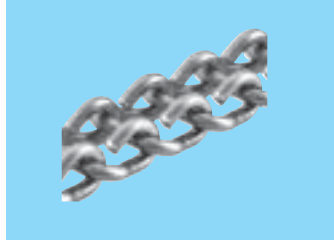
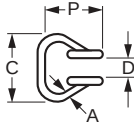
Catalog Number	No. of Teeth	P.D.	B Bore	E Length	C Hub Dia.	D Hub Proj.	Type
A 6C 8-1907	7	.41	3/16	19/32	3/8	1/2	Plain
A 6C 8-1908	8	.47			7/16		
A 6C 8-1909	9	.53	1/4	19/32	1/2	1/2	
A 6C 8-1910	10	.59			9/16		
A 6C 8-1912	12	.70			11/16		
A 6C 8-1914	14	.83			3/4		
A 6C 8-1916	16	.93	5/16	19/32	1/2	13/32	
A 6C 8-1920	20	1.16		1/2	7/8		
A 6C 8-1924	24	1.38		1/2	13/32		

Sprockets with: 7 & 8 teeth have a #8-32 set screw.
 9 to 24 teeth have a #10-32 set screw.

SDPSI	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Inch
Ladder Chain - .250 & .375 Pitch									
Stock Drive Products/Sterling Instrument					Phone: 516-328-3300	Fax: 516-326-8827			

■ STEEL

■ FOR .110 & .168 FACE SPROCKETS

**LADDER CHAIN**

Priced Per Foot

Catalog Number	Material	P Pitch	Links Per Foot	A Wire Dia.	C Outside Width $\pm .010$	D Inside Width	Yield Point lbs.
A 6C 8-25	Steel	1/4	48	.054	.335	.125 – .135	30
A 6C88-25	High-Tensile Steel						90
A 6B 8-25	Brass						26
A 6Y 8-25	Stainless Steel						30
A 6B 8-37	Brass	3/8	32	.080	.555	.195 – .215	45
A 6Y 8-37	Stainless Steel						80

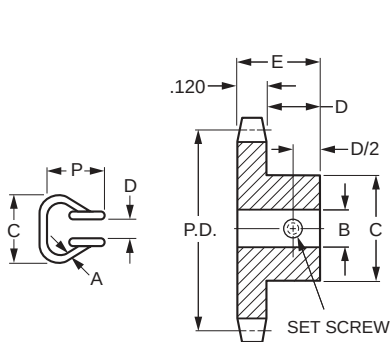
SPROCKET LOCATOR

Catalog Number Series	Pitch	Sprocket Material	Catalog Page
A 6T 7-25...	1/4	Nylon	2-215
A 6M 7-25...		Acetal	2-216
A 6X 7-25...		Stainless Steel	2-211
A 6C 7-25B..		Steel	2-212
A 6C 7-25..		Steel	2-213
A 6M 7-37..	3/8	Nylatron	2-217

NOTE: These sprockets can be used with ladder or roller chains.

SDPSI

Inch Inch Inch Inch Inch Inch Inch Inch Inch

Ladder Chain & Sprockets - .286 Pitch**Stock Drive Products/Sterling Instrument****Phone: 516-328-3300****Fax: 516-326-8827****■ SIZE 18****■ BRASS****■ .120 FACE****LADDER CHAIN**

Priced Per Foot

Catalog Number	Material	P Pitch	Links Per Foot	A Wire Dia.	C Outside Width $\pm .010$	D Inside Width $\pm .005$	Yield Point lb.
A 6C 8-18	Steel	.286	42	.0475	.335	.130	40
A 6C88-18	High-Tensile Steel						75
A 6B 8-18	Brass						25
A 6Y 8-18	Stainless Steel						40

SPROCKETS**MATERIAL: Brass**

Catalog Number	No. of Teeth	P.D.	B Bore	E Length	C Hub Dia.	D Hub Proj.	Type
A 6B 8-1806	6	.57	3/16	3/8	3/8	1/4	Plain
A 6B 8-1808	8	.75			7/16		
A 6B 8-1809	9	.83			7/16		
A 6B 8-1810	10	.92		3/8	1/2	1/4	Plain
A 6B 8-1811	11	1.02					
A 6B 8-1812	12	1.10					
A 6B 8-1814	14	1.28	1/4	7/16	5/8	5/16	Spoked
A 6B 8-1816	16	1.47					
A 6B 8-1818	18	1.64					
A 6B 8-1820	20	1.82					
A 6B 8-1824	24	2.18	5/16	1/2	3/4	3/8	Plain
A 6B 8-1827	27	2.47					Plain
A 6B 8-1832	32	2.92					Spoked
A 6B 8-1844	44	4.00	3/8	1/2	3/4	3/8	Spoked
A 6B 8-1848	48	4.36					

Sprockets with:

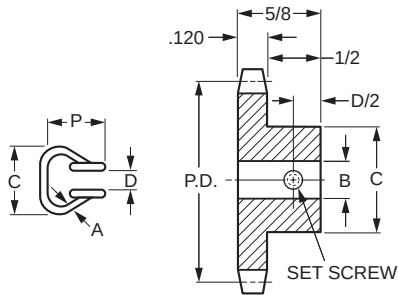
- 6 teeth have a #4-40 set screw.
- 8 to 20 teeth have a #8-32 set screw.
- 24 to 48 teeth have a #10-32 set screw.

SDPSI	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Inch
Ladder Chain & Sprockets - .286 Pitch								
Stock Drive Products/Sterling Instrument			Phone: 516-328-3300	Fax: 516-326-8827				

■ SIZE 18

■ STEEL

■ .120 FACE

**LADDER CHAIN**

Priced Per Foot

Catalog Number	Material	P Pitch	Links Per Foot	A Wire Dia.	C Outside Width ±.010	D Inside Width ±.005	Yield Point lb.
A 6C 8-18	Steel	.286	42	.0475	.335	.130	40
A 6C88-18	High-Tensile Steel						75
A 6B 8-18	Brass						25
A 6Y 8-18	Stainless Steel						40

SPROCKETS**MATERIAL:** Steel

Catalog Number	No. of Teeth	P.D.	B Bore	C Hub Dia.	Type
* A 6C 8-1806	6	.57	1/4	1/2	Plain
* A 6C 8-1807	7	.67		9/16	
* A 6C 8-1808	8	.75	5/16	11/16	
* A 6C 8-1809	9	.83		3/4	
* A 6C 8-1810	10	.92		7/8	
A 6C 8-1812	12	1.10			
A 6C 8-1814	14	1.28			
A 6C 8-1816	16	1.47			

*Has recessed groove in hub for chain clearance.

Sprockets with: 6 & 7 teeth have a #8-32 set screw.
 8 to 16 teeth have a #10-32 set screw.



Inch Inch Inch Inch Inch Inch Inch Inch Inch

Ladder Chain & Sprockets - .286 Pitch

Stock Drive Products/Sterling Instrument

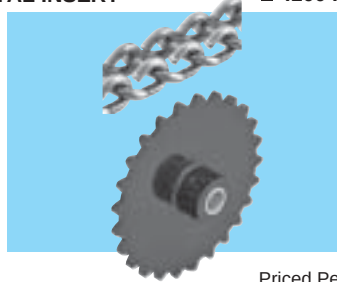
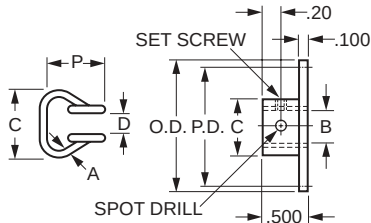
Phone: 516-326-3300

Fax: 516-326-8827

■ SIZE 18

■ MOLDED WITH METAL INSERT

■ .100 FACE



LADDER CHAIN

Priced Per Foot

Catalog Number	Material	P Pitch	Links Per Foot	A Wire Dia.	C Outside Width ± .010	D Inside Width ± .005	Yield Point lb.
A 6C 8-18	Steel	.286	42	.0475	.335	.130	40
A 6C88-18	High-Tensile Steel						75
A 6B 8-18	Brass						25
A 6Y 8-18	Stainless Steel						40

SPROCKETS

MATERIAL: Acetal, Black
INSERT: Brass, knurled

Catalog Number	No. of Teeth	P.D.	O.D.	B* Bore +.001 -.000	C Hub Dia.
A 6Z 8-181306 A 6Z 8-181308	13	1.194	1.38	.1875 .250	.625
A 6Z 8-181406 A 6Z 8-181408	14	1.284	1.47	.1875 .250	.625
A 6Z 8-181506 A 6Z 8-181508	15	1.374	1.56	.1875 .250	.625
A 6Z 8-181606 A 6Z 8-181608	16	1.465	1.66	.1875 .250	.625
A 6Z 8-181806 A 6Z 8-181808	18	1.645	1.84	.1875 .250	.625
A 6Z 8-182006 A 6Z 8-182008	20	1.826	2.02	.1875 .250	.625
A 6Z 8-182206 A 6Z 8-182208	22	2.007	2.20	.1875 .250	.625
A 6Z 8-182406 A 6Z 8-182408 A 6Z 8-182410	24	2.189	2.38	.1875 .250 .3125	.625 .625 .750
A 6Z 8-182506 A 6Z 8-182508 A 6Z 8-182510	25	2.280	2.47	.1875 .250 .3125	.625 .625 .750
A 6Z 8-183006 A 6Z 8-183008 A 6Z 8-183010	30	2.733	2.92	.1875 .250 .3125	.625 .625 .750
A 6Z 8-183208 A 6Z 8-183210	32	2.915	3.11	.250 .3125	.625 .750
A 6Z 8-183608 A 6Z 8-183610	36	3.278	3.47	.250 .3125	.625 .750
A 6Z 8-184010 A 6Z 8-184810 A 6Z 8-185410	40 48 54	3.641 4.369 4.914	3.83 4.56 5.10	.3125	.750



*Sprockets with .1875 bore have a #4-40 set screw and spot drill.
 .250 bore have a #6-32 set screw and spot drill.
 .3125 bore have a #8-32 set screw and spot drill.



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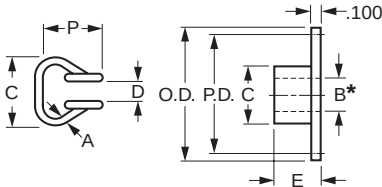
Ladder Chain & Sprockets - .286 Pitch

Stock Drive Products/Sterling Instrument ■ Phone: 516-328-3300 ■ Fax: 516-326-8827

■ SIZE 18

■ MOLDED

■ .100 FACE



LADDER CHAIN

Priced Per Foot

Catalog Number	Material	P Pitch	Links Per Foot	A Wire Dia.	C Outside Width ±.010	D Inside Width ±.005	Yield Point lb.
A 6C 8-18	Steel	.286	42	.0475	.335	.130	40
A 6C88-18	High-Tensile Steel						75
A 6B 8-18	Brass						25
A 6Y 8-18	Stainless Steel						40

SPROCKETS

MATERIAL: Acetal, Black

Catalog Number	No. of Teeth	P.D.	O.D.	B* Bore Nom.	C Hub Dia.	E Length
A 6M 8-180808	8	.747	.94	1/4	.490	.35
A 6M 8-181008	10	.925	1.12			
A 6M 8-181208	12	1.104	1.29			
A 6M 8-181308	13	1.194	1.38	1/4	.500	.40
A 6M 8-181312				3/8	.625	.50
A 6M 8-181408	14	1.284	1.47	1/4	.500	.40
A 6M 8-181412				3/8	.625	.50
A 6M 8-181508	15	1.374	1.56	1/4	.500	.40
A 6M 8-181512				3/8	.625	.50
A 6M 8-181608	16	1.465	1.66	1/4	.500	.40
A 6M 8-181612				3/8	.625	.50
A 6M 8-181808	18	1.645	1.84	1/4	.500	.40
A 6M 8-181812				3/8	.625	.50
A 6M 8-182008	20	1.826	2.02	1/4	.500	.40
A 6M 8-182012				3/8	.625	.50
A 6M 8-182208	22	2.007	2.20	1/4	.500	.40
A 6M 8-182212				3/8	.625	.50
A 6M 8-182408	24	2.189	2.38	1/4	.500	.40
A 6M 8-182412				3/8	.625	.50
A 6M 8-182416				1/2	.750	.50
A 6M 8-182508	25	2.280	2.47	1/4	.500	.40
A 6M 8-182512				3/8	.625	.50
A 6M 8-182516				1/2	.750	.50
A 6M 8-183008				1/4	.500	.40
A 6M 8-183012	30	2.733	2.92	3/8	.625	.50
A 6M 8-183016				1/2	.750	.50
A 6M 8-183212	32	2.915	3.11	3/8	.625	.50
A 6M 8-183216				1/2	.750	.50
A 6M 8-183612	36	3.278	3.47	3/8	.625	.50
A 6M 8-183616				1/2	.750	.50
A 6M 8-184016	40	3.641	3.83	1/2	.750	.50
A 6M 8-184816	48	4.369	4.56			
A 6M 8-185416	54	4.914	5.10			

*Bore is sized for press fit. Use straight knurl on shafting for maximum torques.



Ladder Chain & Sprockets - .353 Pitch

Stock Drive Products/Sterling Instrument

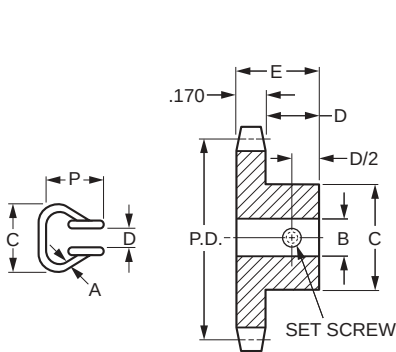
Phone: 516-328-3300

Fax: 516-326-8827

■ SIZE 17

■ BRASS

■ .170 FACE



LADDER CHAIN

Priced Per Foot

Catalog Number	Material	P Pitch	Links Per Foot	A Wire Dia.	C Outside Width ±.010	D Inside Width ±.010	Yield Point lb.
A 6C 8-17	Steel	.353	34	.054	.470	.190	50
A 6C88-17	High-Tensile Steel						95
A 6B 8-17	Brass						30
A 6Y 8-17	Stainless Steel						50

SPROCKETS

MATERIAL: Brass

Catalog Number	No. of Teeth	P.D.	B Bore	E Length	C Hub Dia.	D Hub Proj.
A 6B 8-1706	6	.70	3/16	7/16	7/16	1/4
A 6B 8-1707	7	.80		7/16	1/2	1/4
A 6B 8-1709	9	1.02		1/2	9/16	5/16
A 6B 8-1712	12	1.35	1/4	7/16	5/8	1/4
A 6B 8-1716	16	1.78		1/2		5/16
A 6B 8-1722	22	2.45	5/16	9/16	3/4	3/8
A 6B 8-1724	24	2.66				
A 6B 8-1727	27	3.00				

Sprockets with: 6 to 16 teeth have a #8-32 set screw.

22 to 27 teeth have a #10-32 set screw.

SDP/SI

Stock Drive Products/Sterling Instrument

Phone: 516-326-3300

Fax: 516-326-8827

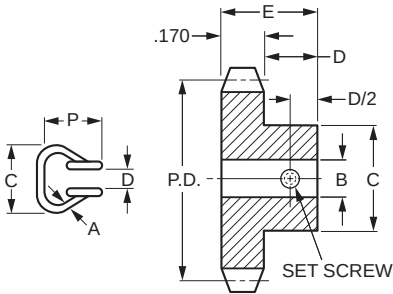
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Ladder Chain & Sprockets - .353 Pitch

■ SIZE 14

■ STEEL

■ .170 FACE

**LADDER CHAIN**

Priced Per Foot

Catalog Number	Material	P Pitch	Links Per Foot	A Wire Dia.	C Outside Width ± .010	D Inside Width ± .010	Yield Point lb.
A 6C 8-14	Steel	.353	34	.080	.555	.205	80
A 6C88-14	High-Tensile Steel						150
A 6B 8-14	Brass						45
A 6Y 8-14	Stainless Steel						80

SPROCKETS

MATERIAL: Steel

Catalog Number	No. of Teeth	P.D.	B Bore	E Length	C Hub Dia.	D Hub Proj.	Type
A 6C 8-1408	8	.92	3/8	13/16	7/8	5/8	Plain
A 6C 8-1409	9	1.03			7/8		
A 6C 8-1411	11	1.25			1-1/8		
A 6C 8-1412	12	1.36	1/2		1-3/16		
A 6C 8-1414	14	1.59					
* A 6C 8-1434	34	3.83			1-1/2		
* A 6C 8-1436	36	4.05					
* A 6C 8-1438	38	4.27					
* A 6C 8-1442	42	4.72					
* A 6C 8-1444	44	4.95					
* A 6C 8-1448	48	5.40	1-3/4				
* A 6C 8-1454	54	6.07					
* A 6C 8-1472	72	8.09					
* A 6C 8-1480	80	8.99					
* A 6C 8-1488	88	9.89					

*Has inserted hub.

Sprockets with: 8 to 11 teeth have a #10-32 set screw.
12 to 88 teeth have a 1/4-20 set screw.



The Synchronesh Drive System represents an entirely new approach to synchronous drives. At the heart of the system is a drive cable, which replaces conventional timing belts as well as other means of transmitting synchronous motion. The cable consists of a core bundle of stranded stainless steel wires encapsulated in a nylon jacket. Wound spirally around the nylon jacket is another cable of similar construction. The spiral member is bonded to the core cable to provide functional stability under load. The pitch of the spiral winding is carefully controlled during the winding and bonding processes.

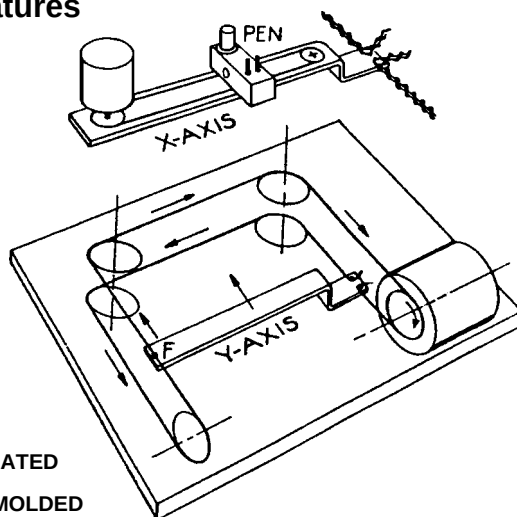
The use of stranded wire and nylon resin produces an extremely flexible cable that opens up new design possibilities, which were previously not possible with any other synchronous drives. The schematic diagram shown below illustrates the geometric features of an x-y plotter. Synchronesh cables are capable of changing operating planes, limited only by the size and proximity of adjacent pulleys. This unique characteristic makes it possible to produce this plotter design without employing expensive lead screw drive components. This is only one example of the countless possibilities offered with Synchronesh Drive Systems.

Complementing the Synchronesh cables are the drive pulleys, which have helical grooves on their outside diameter, to accurately engage the spiral convolutions on the drive cable. An additional radial groove of half round cross section supports the core cable and provides lateral stability. Synchronesh cables can be readily secured to other mechanism members in many different ways as well as those offered in the catalog pages.

Please note, however, that the Synchronesh Drive Systems are intended for reciprocating motion applications and cannot be made endless.

Advantages and Design Features

- SYNCHRONOUS MOTION
- FLEXIBLE IN ALL DIRECTIONS
- MINIATURE IN SIZE
- HIGH STRENGTH
- SMALL BENDING RADIUS
- LIGHTWEIGHT
- LOW INERTIA
- LOW TENSION REQUIRED
- CHEMICALLY RESISTANT
- ELECTRICALLY CONDUCTIVE & INSULATED
- PULLEYS AVAILABLE MACHINED OR MOLDED
- EASY TO MOUNT ATTACHMENTS & END FITTINGS
- CABLES AVAILABLE UP TO 200 FEET LONG




**INCH/
METRIC**

Synchromesh Drive Selection Table

Catalog Number		IDLER PULLEY STYLES			
CABLE	PULLEY	Steel / Ball Bearing	All Plastic	Plastic / Sintered Brg.	Nylon / Ball Bearing
A 6J 9-AS0605 or A 6J 9MAS0605	A 6P 9-060... or A 6P 9M060...	A 6C 9-00804 (.441)	A 6M 9-00804 (.493) A 6M 9-01004 (.611) A 6M 9-01204 (.709) A 6M 9-01606 (.861)	A 6T 9-00604 (.401) A 6T 9-00804 (.517) A 6T 9-01004 (.626) A 6T 9-01204 (.711)	A 6Z 9-01004 (.623) A 6Z9-01204 (.706) A 6Z 9-01604 (.906)
A 6J 9-AS0805 or A 6J 9MAS0805	A 6P 9-080... or A 6P 9M080...	A 6C 9-00804 (.489)	A 6M 9-01204 (.759) A 6M 9-01606 (1.009) A 6M 9-02006 (1.229)	A 6T 9-00804 (.544) A 6T 9-01204 (.769) A 6T 9-01706 (1.019) A 6T 9-02006 (1.179) A 6T 9-02008 (1.179)	A 6Z 9-01204 (.767) A 6Z 9-01604 (.992) A 6Z 9-02006 (1.199) A 6Z 9-01706 (1.029) A 6Z 9-02008 (1.199)
A 6J 9-AS1005 or A 6J 9MAS1005	A 6P 9-100... or A 6P 9M100...	—	A 6M 9-02408 (1.348)	A 6T 9-01706 (1.058) A 6T 9-02006 (1.253) A 6T 9-02008 (1.253) A 6T 9-02408 (1.348) A 6T 9-02412 (1.348)	A 6Z 9-02006 (1.258) A 6Z 9-01706 (1.064) A 6Z 9-02008 (1.258) A 6Z 9-02408 (1.388) A 6Z 9-02412 (1.388)
A 6J 9-AS1209 or A 6J 9MAS1209	A 6P 9-120... or A 6P 9M120...	A 6C 9-01606 (.866) A 6C 9-01706 (1.000)	A 6M 9-02408 (1.426) A 6M 9-02808 (1.476)	A 6T 9-02408 (1.421) A 6T 9-02808 (1.491) A 6T 9-02412 (1.421) A 6T 9-02812 (1.491)	A 6Z 9-02408 (1.476) A 6Z 9-02808 (1.501) A 6Z 9-02412 (1.476) A 6Z 9-02812 (1.501)

NOTE: Numbers shown in parentheses indicates pitch diameters of cable when wrapped around related pulley.

Example: Cable **A 6J 9-AS1005** when used with pulley A 6M 9-02408 has a pitch diameter of 1.348.

METRIC SIZE BORES ARE AVAILABLE ON REQUEST.



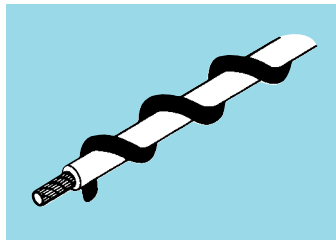
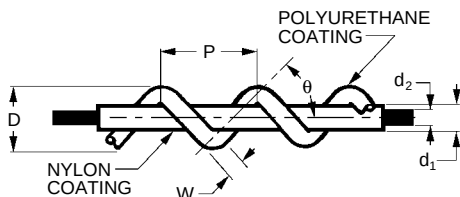
INCH

Synchromesh Cable

■ PATENTED

■ MINIATURE

■ SYNCHRONOUS



LIFE DATA:

10^6 minimum flexing cycles where:

Pulley Pitch Radius (R) = $13.9 \times d_2$, and **Static Tension (T_s)** = $.05 \times T_B$

ACCURACY:

1. Pitch Error $\pm .002$ in.
2. Cumulative Pitch Error ± 0.16 in. max. over 100 pitches.

AMBIENT FACTORS:

1. Temperature Range -22°F to $+176^\circ\text{F}$
2. Avoid strong acids, alkalies and organic solvents.

MATERIAL: Core - 304 Stainless Steel

Casing - Nylon

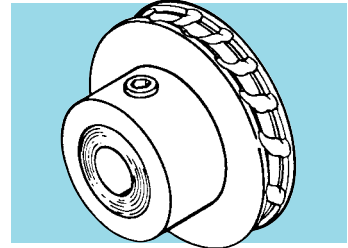
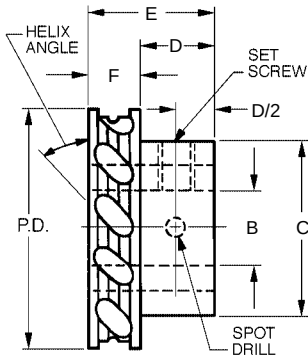
Priced Per Foot

Catalog Number	P Pitch	D Outside Diameter in.	d ₁	d ₂	W	θ Degrees	T _B Minimum Tensile Load lbf
A 6J 9-AS0605	.120	.059	.024	.018	.028	45	40
A 6J 9-AS0805	.150	.081	.032	.025	.036	51	75
A 6J 9-AS1005	.200	.102	.039	.032	.045	42	130
A 6J 9-AS1209	.250	.134	.047	.039	.054	48	200



INCH

Synchronesh Cable Pulleys



MATERIAL: Pulley - Acetal
Insert - Brass*

Catalog Number	Pitch	No. of Grooves	P.D.	B Bore +.001 -.000	F Face Width	E Length	C Hub Dia.	D Hub Proj. Ref.	Helix Angle	Set Screw
A 6P 9-0601504	.120	15	.573	.125	9/64	3/8	13/32	15/64	45°	#2-56
A 6P 9-0602004		20	.764	.125			35/64			#2-56
A 6P 9-0602006				.1875						#6-40
A 6P 9-0602504		25	.955	.125						#2-56
A 6P 9-0602506				.1875						#6-40
A 6P 9-0801506	.150	15	.716	.1875	9/64	3/8		35/64	15/64	51°
A 6P 9-0801508		24	1.146	.250			5/8	#8-32		
A 6P 9-0802406				.1875				#6-40		
A 6P 9-0802408	.200	15	.955	.250	3/16	1/2	5/8	5/16	42°	#8-32
A 6P 9-1001510				.3125						
A 6P 9-1003008		30	1.910	.250			43/64			
A 6P 9-1003010				.3125						
A 6P 9-1201512		.250	15	1.193			.375			
A 6P 9-1203012	30		2.387							

*Aluminum inserts used on .250 pitch pulleys.

Also see Idler Pulley Series:

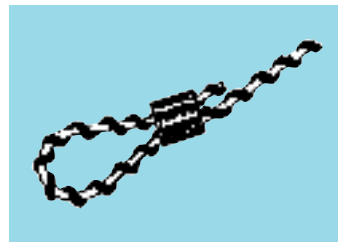
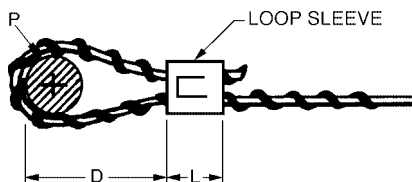
1. Steel with Ball Bearing - A 6C 9-...
2. Molded Nylon with Ball Bearing - A 6Z 9-...
3. Molded Nylon with Sintered Bronze Bearing - A 6T 9-...
4. Molded Acetal - A 6M 9-...



INCH

Synchromesh Cable Attachments

■ LOOP SLEEVES



P = Pin Diameter

D = Distance from bearing point to fitting

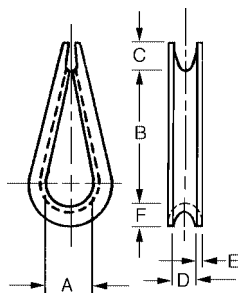
P should be at least five (5) times the cable diameter for guaranteed breaking strength and D should be at least 2.5 times P.

MATERIAL: Copper, Zinc Plated

Priced Per 10 Pieces

Catalog Number	For Cable No.'s	L Length After Swaging
A 6B 9-S039	A 6J 9-AS0605	7/16
A 6B 9-S063	A 6J 9-AS0805	15/32
A 6B 9-S093	A 6J 9-AS1005	1/2
	A 6J 9-AS1209	

■ THIMBLES



NOTE:

Thimbles provide loop support at higher loads and protect cables from wear when motion is present. Some thimbles may have open or uneven ends.



MATERIAL: Stainless Steel

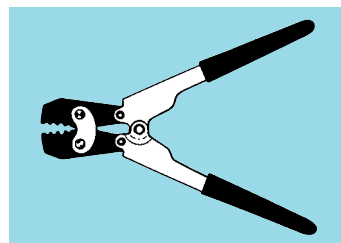
Priced Per 10 Pieces

Catalog Number	For Cable No.'s	A	B	C	D	E	F
A 6C 9-T015	A 6J 9-AS0605	.188	1/4	1/8	1/8	.015	3/64
A 6C 9-T047	A 6J 9-AS0805	.339	43/64	3/16	3/32	.032	5/64
	A 6J 9-AS1005						
A 6C 9-T094	A 6J 9-AS1209	.339	45/64	7/32	9/64	.032	5/64

■ CRIMPING TOOL

This precision crimping tool gives compound leverage of at least 15-1. The scissor-action plier-type tool has jaws which are made of a tough chrome alloy steel. All component parts of the tool are hardened and tempered. The handles have nonslip plastic grips. Easy to use.

Catalog Number	For Cable Numbers	
A 6O 9-00	A 6J 9-AS0605	A 6J 9-AS0805
A 6O 9-01	A 6J 9-AS1005	A 6J 9-AS1209

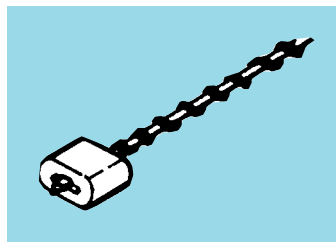
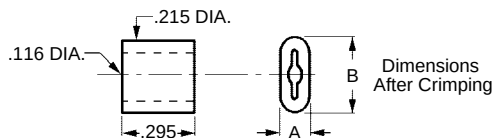




INCH

Synchromesh Cable Attachments

■ PLUGS & EYES

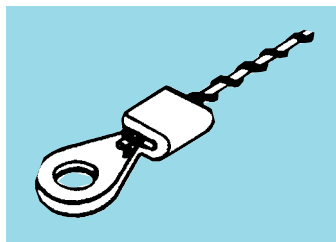
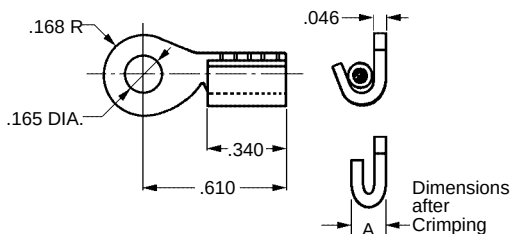


MATERIAL: Annealed Brass

Priced Per 10 Pieces

PLUGS			
Catalog Number	Used with Cable No.	A*	B
A 6J 9-B103	A 6J 9-AS0605	.111	.275
	A 6J 9-AS0805	.116	.273
	A 6J 9-AS1005	.120	.270
	A 6J 9-AS1209	.120	.270

*Crimp plugs in vise or press to this dimension to obtain proper holding force.



Universal eyes fit all cable sizes and provide for convenient screw mounting.

MATERIAL: Low Carbon Steel

FINISH: Chromium**

Priced Per 10 Pieces

EYES		
Catalog Number	Used with Cable No.	A
A 6J 9-AA39	A 6J 9-AS0605	.102
	A 6J 9-AS0805	.104
	A 6J 9-AS1005	.107
	*A 6J 9-AS1209	.110

*Cable A 6J 9-AS1209 must have outer helical wire section removed prior to crimping for maximum holding force.

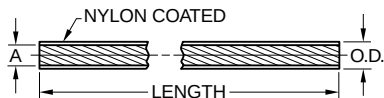
**Meets EU standards.



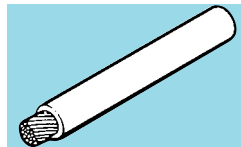
INCH

Miniature Cables and Fittings

■ THREADED PLUG



■ BALL END PLUG



CABLES

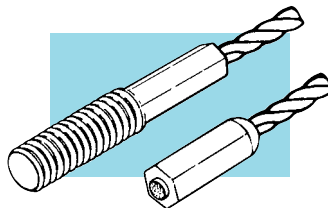
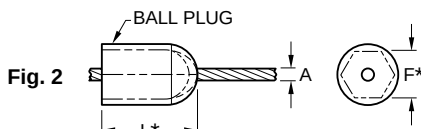
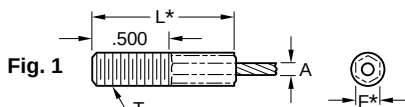
MATERIAL: Stainless Steel, Nylon Coated

Sold in Multiples of 10 Feet

Catalog Number	Cable O.D.	A [§] Wire Dia.	Breaking Strength - lbs.
A 6X 9-024	.024	.018	40
A 6X 9-034	.034	.027	90
A 6X 9-037	.037	.031	120
A 6X 9-044	.044	.036	160
A 6X 9-062	1/16	3/64	270
A 6X 9-094	3/32	1/16	480
A 6X 9-125	1/8	3/32	920

NOTE: Nylon coating protects wire and pulleys from abrasion and seals in lubrication.

[§]In selecting cable fittings, use "A" diameter as it is recommended that nylon covering be stripped prior to swaging.



FITTINGS

MATERIAL: Brass

Priced Per 10 Pieces

Catalog Number	For Wire A Dia.	T Thread	F* Flats	L*	Dia. Before Swaging
• Fig. 1 THREADED PLUG					
A 6B 9-01005	.010 - .027	#5-40	7/64	1	1/8
A 6B 9-02805	.028 - .037				
A 6B 9-03805	.038 - .048				
A 6B 9-02808	.028 - .037	#8-32	9/64	1	5/32
A 6B 9-03808	.038 - .048				
A 6B 9-04710	3/64	#10-24	5/32	1-1/8	3/16
A 6B 9-06310	1/16				
• Fig. 2 BALL END PLUG					
A 6B 9-010125	.010 - .027	—	.105	1/8	1/8
A 6B 9-028125	.028 - .037				
A 6B 9-038125	.038 - .046				
A 6B 9-010250	.010 - .027	—	.105	1/4	1/8
A 6B 9-028250	.028 - .037				
A 6B 9-038250	.038 - .046				
A 6B 9-010395	.010 - .027	—	1/8	25/64	5/32
A 6B 9-028395	.028 - .037				
A 6B 9-038395	.038 - .048				
A 6B 9-049395	.049 - .065	—	5/32	17/32	3/16
A 6B 9-047540	3/64				
A 6B 9-063540	1/16				

NOTE: Ball End is rated at 50% of rated breaking strength of cable.

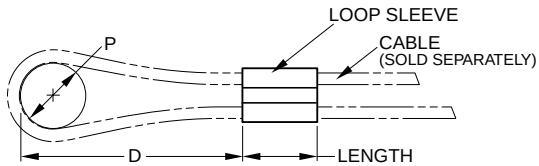
* These dimensions obtained when fittings are swaged to "F" dimensions.
Before swage, the fitting is round.



INCH

Cable Attachments

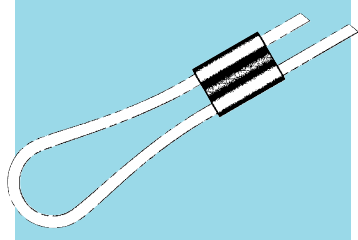
■ LOOP SLEEVES



NOTE:

"P" is pin dia. and "D" is distance from bearing point to fitting. "P" should be at least 5 times the cable dia. for guaranteed breaking strength and "D" should be at least 2.5 times "P."

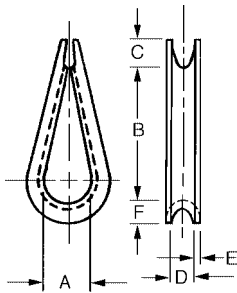
■ THIMBLES



Priced Per 10 Pieces

LOOP SLEEVES

Catalog Number	For Cable No.'s A 6X 9-□□□	For Stripped Cable Dia's. Ref.	Material	Approximate Length Before Swaging
A 6B 9-S015	024	.015 - .022	Brass	7/32
A 6B 9-S023		.023 - .026		1/4
A 6B 9-S027	034, 037, 044	.027 - .038	Copper Zinc Plated	17/64
A 6B 9-S039		.039 - .052		25/64
A 6B 9-S063		1/16		21/64
A 6B 9-S093		3/32		25/64



NOTE:

Thimbles provide loop support at higher loads and protect cables from wear when motion is present. Some thimbles may have open or uneven ends.



MATERIAL: Stainless Steel

Priced Per 10 Pieces

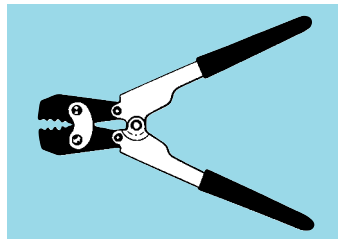
THIMBLES

Catalog Number	For Stripped Cable No.'s A 6X 9-□□□	For Cable Dia's. Ref.	A	B	C	D	E	F
A 6C 9-T015	024, 034, 037, 044	1/64 - 3/64	.188	1/4	1/8	1/8	.015	3/64
A 6C 9-T047		3/64 - 5/64	.339	43/64	3/16	3/32	.032	5/64
A 6C 9-T094	094, 125	3/32 - 1/8	.339	45/64	7/32	9/64	.032	5/64



4-nested precision crimping tool

This 4-nested precision crimping tool gives compound leverage of at least 15-1. Crimped properly, it will give at least 50% of rated cable strength when swaged over the nylon. Nylon should be stripped for best swaging bond. The scissor-action, plier-type tool has jaws which are made of a tough chrome alloy steel. All component parts of the tool are hardened and tempered. The handles have nonslip plastic grips. Easy to use. Overall length is 8.5". Can be used for up to 1/16 diameter core steel cable.

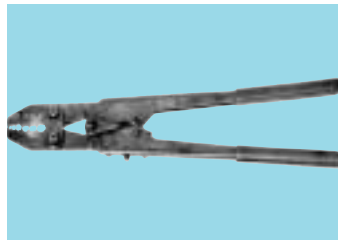


NOTE: Not recommended for #10-24 threaded plugs or for cable diameters 3/64 and up.

Catalog Number	A 60 9-00
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Six-cavity multiple-sleeve crimping tool

This six-cavity multiple-sleeve crimping tool is made of high carbon steel, heat-treated and hardened with centerless ground shoulder bolts. It is used on loop sleeves and on cable diameters from 3/64 to 3/16 dia. It covers a range of cable strengths from 270 lbs. to 3700 lbs.



Catalog Number	A 60 9-01
----------------	-----------

Did You Know?

...The SDP/SI METRIC catalog offers the widest selection of off-the-shelf drive components?

- | | | |
|--------------------------|--------------------------|---------------------------|
| • Bearings | • Dials | • Motion Control Products |
| • Belt Drives | • Fasteners | • Pulleys |
| • Cams | • Gearheads | • Right Angle Drives |
| • Chain Drives | • Gearmotors | • Shafts |
| • Clamps | • Gears | • Speed Reducers |
| • Clutches and Brakes | • Linear Motion Devices | • Vibration Mounts |
| • Constant Force Springs | • Miniature D.C. Motors | ...and more! |
| • Couplings | • Miscellaneous Hardware | |



Inch Inch Inch Inch Inch Inch

Round Endless Belts

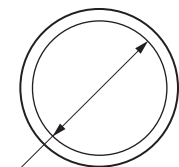
Stock Drive Products/Sterling Instrument

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■ NEOPRENE

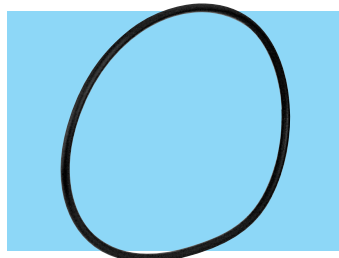
■ 1/16, 3/32 & 1/8 DIAMETER



INSIDE DIAMETER



DIAMETER



MATERIAL: Neoprene, Approx. 70 Durometer
compounded for use in mechanical belt drives

TEMPERATURE RANGE: -65°F to +210°F

1/16 DIAMETER	
Catalog Number	I.D.
A 6R11-02010	1
A 6R11-02012	1-1/4
A 6R11-02014	1-1/2
A 6R11-02016	1-3/4
A 6R11-02020	2
A 6R11-02021	2-1/8
A 6R11-02022	2-1/4
A 6R11-02023	2-3/8
A 6R11-02024	2-1/2
A 6R11-02025	2-5/8
A 6R11-02026	2-3/4
A 6R11-02027	2-7/8
A 6R11-02030	3
A 6R11-02032	3-1/4
A 6R11-02034	3-1/2
A 6R11-02036	3-3/4
A 6R11-02040	4
A 6R11-02042	4-1/4
A 6R11-02044	4-1/2
A 6R11-02046	4-3/4
A 6R11-02050	5
A 6R11-02052	5-1/4

3/32 DIAMETER	
Catalog Number	I.D.
A 6R11-03002	1/4
A 6R11-03004	1/2
A 6R11-03006	3/4
A 6R11-03010	1
A 6R11-03012	1-1/4
A 6R11-03014	1-1/2
A 6R11-03016	1-3/4
A 6R11-03020	2
A 6R11-03022	2-1/4
A 6R11-03024	2-1/2
A 6R11-03026	2-3/4
A 6R11-03030	3
A 6R11-03032	3-1/4
A 6R11-03034	3-1/2
A 6R11-03036	3-3/4
A 6R11-03040	4
A 6R11-03042	4-1/4
A 6R11-03044	4-1/2
A 6R11-03046	4-3/4
A 6R11-03050	5
A 6R11-03052	5-1/4
A 6R11-03054	5-1/2
A 6R11-03056	5-3/4
A 6R11-03060	6
A 6R11-03062	6-1/4
A 6R11-03064	6-1/2
A 6R11-03066	6-3/4
A 6R11-03070	7
A 6R11-03072	7-1/4
A 6R11-03074	7-1/2
A 6R11-03076	7-3/4
A 6R11-03080	8
A 6R11-03082	8-1/4
A 6R11-03084	8-1/2
A 6R11-03086	8-3/4
A 6R11-03090	9
A 6R11-03092	9-1/4
A 6R11-03094	9-1/2
A 6R11-03096	9-3/4

1/8 DIAMETER	
Catalog Number	I.D.
A 6R11-04002	1/4
A 6R11-040025	5/16
A 6R11-04004	1/2
A 6R11-040045	9/16
A 6R11-04006	3/4
A 6R11-040065	13/16
A 6R11-04010	1
A 6R11-04012	1-1/4
A 6R11-040125	1-5/16
A 6R11-04014	1-1/2
A 6R11-04016	1-3/4
A 6R11-04020	2
A 6R11-04022	2-1/4
A 6R11-04024	2-1/2
A 6R11-04026	2-3/4
A 6R11-04030	3
A 6R11-04032	3-1/4
A 6R11-04034	3-1/2
A 6R11-04036	3-3/4
A 6R11-04040	4
A 6R11-04042	4-1/4
A 6R11-04044	4-1/2
A 6R11-04046	4-3/4
A 6R11-04050	5
A 6R11-04052	5-1/4
A 6R11-04054	5-1/2
A 6R11-04056	5-3/4
A 6R11-04060	6
A 6R11-04062	6-1/4
A 6R11-04064	6-1/2
A 6R11-04066	6-3/4
A 6R11-04070	7
A 6R11-04072	7-1/4
A 6R11-04074	7-1/2
A 6R11-04076	7-3/4
A 6R11-04080	8
A 6R11-04082	8-1/4
A 6R11-04084	8-1/2
A 6R11-04086	8-3/4

1/8 DIAMETER	
Catalog Number	I.D.
A 6R11-04090	9
A 6R11-04092	9-1/4
A 6R11-04094	9-1/2
A 6R11-04096	9-3/4
A 6R11-04100	10
A 6R11-04104	10-1/2
A 6R11-04110	11
A 6R11-04114	11-1/2
A 6R11-04120	12
A 6R11-04130	13
A 6R11-04140	14
A 6R11-04150	15
A 6R11-04160	16
A 6R11-04170	17
A 6R11-04180	18

Continued on the next page

These belts can be used with Companion Pulleys and Grooved Pulleys, (see index).



Inch Inch Inch Inch Inch Inch

Round Endless Belts

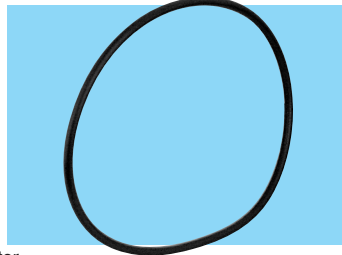
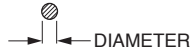
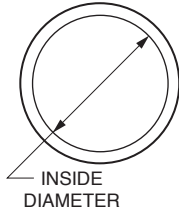
Stock Drive Products/Sterling Instrument

Phone: 516-328-3300

Fax: 516-326-8827

■ NEOPRENE

■ 3/16 & 1/4 DIAMETER



MATERIAL: Neoprene, Approx. 70 Durometer
compounded for use in mechanical belt drives

TEMPERATURE RANGE: -65°F to +210°F

3/16 DIAMETER	
Catalog Number	I.D.
A 6R11-06016	1/2
A 6R11-06024	3/4
A 6R11-06031	1
A 6R11-06039	1-1/4
A 6R11-06047	1-1/2
A 6R11-06055	1-3/4
A 6R11-06063	2
A 6R11-06067	2-1/4
A 6R11-06072	2-3/8
A 6R11-06076	2-7/16
A 6R11-06080	2-1/2
A 6R11-06083	2-3/4
A 6R11-06086	2-7/8
A 6R11-06092	3
A 6R11-06102	3-1/4
A 6R11-06106	3-3/8
A 6R11-06110	3-1/2
A 6R11-06113	3-5/8
A 6R11-06118	3-3/4
A 6R11-06120	3-7/8
A 6R11-06126	4
A 6R11-06130	4-1/8
A 6R11-06134	4-1/4
A 6R11-06140	4-1/2
A 6R11-06151	4-3/4
A 6R11-06157	5
A 6R11-06160	5-1/8
A 6R11-06164	5-1/4
A 6R11-06171	5-1/2
A 6R11-06181	5-3/4
A 6R11-06184	5-7/8
A 6R11-06188	6
A 6R11-06196	6-1/4

3/16 DIAMETER	
Catalog Number	I.D.
A 6R11-06204	6-1/2
A 6R11-06212	6-3/4
A 6R11-06220	7
A 6R11-06228	7-1/4
A 6R11-06236	7-1/2
A 6R11-06243	7-3/4
A 6R11-06251	8
A 6R11-06259	8-1/4
A 6R11-06267	8-1/2
A 6R11-06275	8-3/4
A 6R11-06283	9
A 6R11-06291	9-1/4
A 6R11-06298	9-1/2
A 6R11-06306	9-3/4
A 6R11-06314	10
A 6R11-06330	10-1/2
A 6R11-06346	11
A 6R11-06361	11-1/2
A 6R11-06377	12
A 6R11-06408	13
A 6R11-06440	14
A 6R11-06471	15
A 6R11-06503	16
A 6R11-06534	17
A 6R11-06565	18
A 6R11-06597	19
A 6R11-06628	20
A 6R11-06660	21
A 6R11-06691	22
A 6R11-06723	23
A 6R11-06754	24
A 6R11-06785	25
A 6R11-06817	26

1/4 DIAMETER	
Catalog Number	I.D.
A 6R11-08141	4-1/2
A 6R11-08151	4-3/4
A 6R11-08157	5
A 6R11-08160	5-1/8
A 6R11-08165	5-1/4
A 6R11-08173	5-1/2
A 6R11-08181	5-3/4
A 6R11-08184	5-7/8
A 6R11-08188	6
A 6R11-08196	6-1/4
A 6R11-08204	6-1/2
A 6R11-08210	6-3/4
A 6R11-08220	7
A 6R11-08228	7-1/4
A 6R11-08236	7-1/2
A 6R11-08246	7-3/4
A 6R11-08255	8
A 6R11-08262	8-1/2
A 6R11-08280	9
A 6R11-08300	9-1/2
A 6R11-08314	10
A 6R11-08324	10-1/2
A 6R11-08346	11
A 6R11-08350	11-1/2
A 6R11-08380	12
A 6R11-08393	12-1/2
A 6R11-08408	13
A 6R11-08420	13-1/2
A 6R11-08440	14
A 6R11-08456	14-1/2
A 6R11-08470	15
A 6R11-08487	15-1/2
A 6R11-08503	16

1/4 DIAMETER	
Catalog Number	I.D.
A 6R11-08518	16-1/2
A 6R11-08524	17
A 6R11-08550	17-1/2
A 6R11-08565	18
A 6R11-08581	18-1/2
A 6R11-08590	19
A 6R11-08613	19-1/2
A 6R11-08628	20
A 6R11-08654	21
A 6R11-08691	22
A 6R11-08723	23
A 6R11-08754	24
A 6R11-08785	25

NOTE: 3% tolerance on circumference.
10% elongation is permissible.

These belts can be used with Companion Pulleys and Grooved Pulleys, (see index).



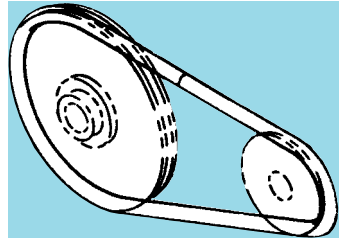
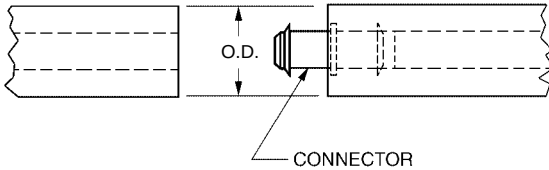
INCH

Rounthane Belting & Connectors

■ POLYURETHANE

■ NONSLIP

■ 3/16", 1/4" & 5/16" DIAMETER



MATERIAL: Belting – Polyurethane
Connectors – Aluminum

TEMPERATURE RANGE: -40° F to +150° F

Belting: Priced Per Foot

Connectors: Priced Per 10 Pieces

Belting Catalog Number	O.D.	Recommended Minimum Pulley Dia.	Coefficient of Friction	Connectors Catalog Number
A 6R 1-A06	3/16	1-1/2	0.5 to 0.7	A 6A 1-C06
A 6R 1-A08	1/4	2		A 6A 1-C08
A 6R 1-A10	5/16	2-1/2		A 6A 1-C10

NOTE: These belts can be used with Companion Pulleys and Grooved Idlers, having diameters at least 8 times belt diameters. (see Index).

Installation For Open Drives: Make belt endless and roll onto pulleys.

Installation For Closed Drives: String belt around pulleys, insert connector and roll onto pulleys.

Table No. 1 – Installed Belt Tension

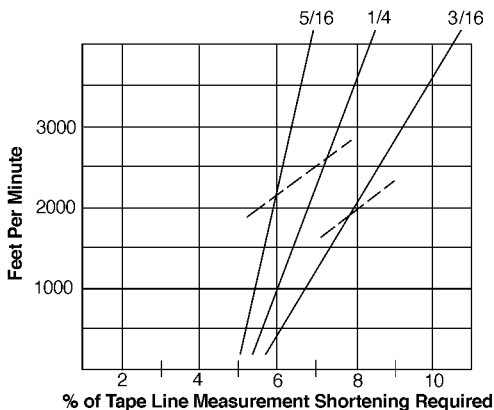
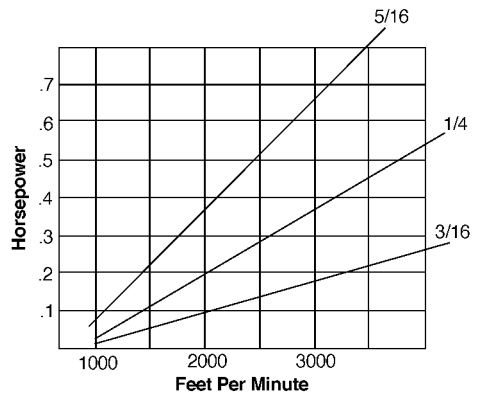


Table No. 2 – Maximum HP Capacity



— — — — — Maximum Feet Per Minute for Minimum Pulley Diameter



Grooved Idler Pulleys

■ MOLDED OR STEEL WITH STEEL BALL BEARINGS

■ HEAVY-DUTY

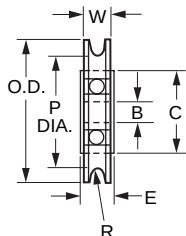


Fig. 1

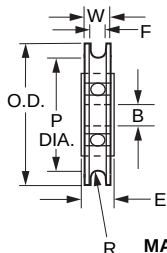
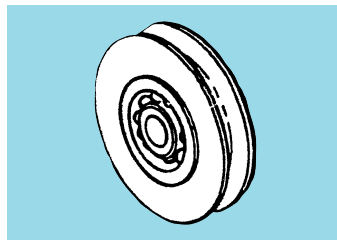
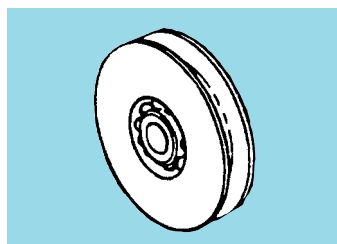


Fig. 2



MATERIAL: Pulley - Nylon

Bearing - Steel, Ball - Precision Machined

● Fig. 1

MOLDED PULLEYS

Catalog Number	P. Dia. ±.020	O.D. ±.020	B Bore +.005 -.001	W Width ±.010	E Length ±.010	C Dia.	R Radius Ref.	For Max. Cable Dia.	Load Rating lbs. @ 500 rpm
A 6Z 9-00804	.437	.500	.125	.125	.156	.375	.025	3/64	10
A 6Z 9-01004	.500	.625				.375	.015	1/32	
A 6Z 9-01204	.625	.750	.156	.156	.171	.375	.025	3/64	10
*A 6Z 9-01604	.813	1.000				.500			35
A 6Z 9-01706	.885	1.070	.187	.219	.250	.687	.025	3/64	35
A 6Z 9-01708			.250						
A 6Z 9-02006	1.063	1.250	.187	.219	.250	.687	.035	1/16	45
A 6Z 9-02008			.250						
A 6Z 9-02408	1.250	1.500	.250	.281	.312	1.000	.050	3/32	80
A 6Z 9-02412			.375						70
A 6Z 9-02808	1.373	1.750	.250	.281	.312	1.000	.065	1/8	80
A 6Z 9-02812			.375						70

* Supplied with a shielded bearing and a bore tolerance of ±.0005.

MATERIAL: Pulley - Steel, Case-Hardened Races, Machined Raceways

Bearing - Balls - Precision Steel

Finish - Zinc Plated

● Fig. 2

STEEL PULLEYS

Catalog Number	P. Dia. ±.005	O.D. +.000 -.010	B Bore +.005 -.000	W Width ±.005	E Length ±.005	F ±.005	R Radius	For Max. Cable Dia.	Load Rating lbs. @ 50 rpm
A 6C 9-00804	.375	.500	.125	.156	.188	.096	.025	3/64	36
A 6C 9-01606	.750	1.000	.187	.312	.375	.165	.065	1/8	145
A 6C 9-01706	.875	1.063	.187	.250	.282	.190	.050	3/32	175
A 6C 9-02008	.875	1.250	.250	.375	.438	.250	.095	3/16	175
A 6C 9-02812	1.250	1.750	.375	.438	.500	.315	.125	1/4	290
A 6C 9-03212	1.500	2.000							410



INCH

Grooved Idler Pulleys

■ MOLDED WITH OR WITHOUT SINTERED BEARINGS

■ LIGHT-OR MEDIUM-DUTY

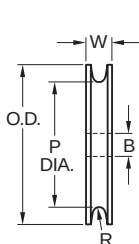


Fig. 1

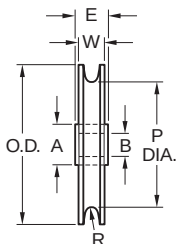
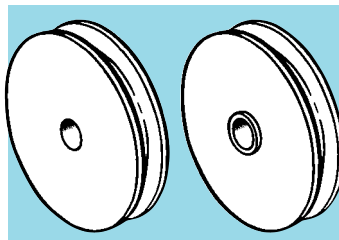


Fig. 2



MATERIAL: Acetal, Black

● Fig. 1 PLAIN – LIGHT-DUTY						
Catalog Number	P Dia. ±.020	O.D. ±.020	B Bore ±.005	W Width ±.010	R Radius Ref.	For Max. Cable Dia.
* A 6M 9-00603	.308	.375	.096	.093	.015	1/32
A 6M 9-00604	.310		.128			
A 6M 9-00804	.438	.500		.125	.025	3/64
A 6M 9-01004	.500	.625	.128	.125	.015	1/32
A 6M 9-01204	.625	.750		.156	.025	3/64
A 6M 9-01606	.813	1.000		.170	.025	3/64
A 6M 9-02006	1.063	1.250	.190	.219	.035	1/16
A 6M 9-02408	1.250	1.500	.254	.281	.050	3/32
A 6M 9-02508	1.225	1.575	.254	.330	.095	3/16
A 6M 9-02808	1.375	1.730	.254	.281	.065	1/8
A 6M 9-03110	1.580	1.950	.316	.405	.125	1/4

*Available on Special Order.

MATERIAL: Pulley - Nylon

Bearing - Sintered Bronze

● Fig. 2 WITH SINTERED BEARINGS – MEDIUM-DUTY								
Catalog Number	P Dia. ±.020	O.D. ±.020	B Bore ±.002	W Width ±.010	E Length ±.010	A	R Radius Ref.	For Max. Cable Dia.
A 6T 9-01204	.625	.750	.127	.156	.187	.38	.025	3/64
A 6T 9-01706	.885	1.070	.189	.219	.250	.38	.025	3/64
A 6T 9-01708			.252					
A 6T 9-02006	1.063	1.250	.189	.219	.250	.38	.035	1/16
A 6T 9-02008			.252					
A 6T 9-02408	1.250	1.500	.252	.281	.313	.38	.050	3/32
A 6T 9-02412			.377			.50		
A 6T 9-02808	1.375	1.750	.252	.281	.313	.38	.065	1/8
A 6T 9-02812			.377			.50		

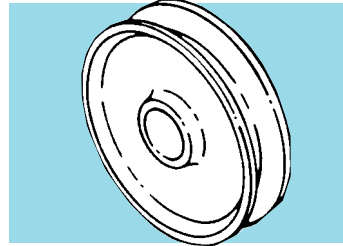
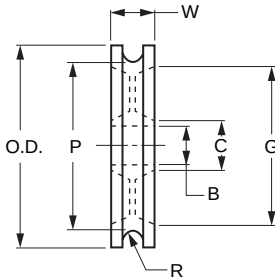


Grooved Idler Pulleys

■ MOLDED

■ PLAIN

■ MEDIUM-DUTY



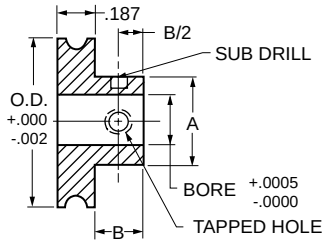
MATERIAL: Nylon – Gray, impregnated with molybdenum disulfide

Catalog Number	P. Dia.	O.D.	B Bore +.002 -.001	W Face Width	C Dia.	G	R Radius	For Cable Sizes	Type
A 6M 9-03912	1.875	2.44	.376	.687	—	—	.160	1/8 - 5/16	Webbed
A 6M 9-04012	2.200	2.50	.376	.250	—	—	.050	1/16 - 3/32	Solid
A 6M 9-04012A	2.000	2.50	.376	.438	—	—	.110	1/8 - 3/16	Webbed
A 6M 9-04812	2.500	3.00	.376	.625	1	2-3/8	.190	1/8 - 3/8	Webbed
A 6M 9-04812A	2.563	3.00	.376	.438	1	3-1/16	.110	1/8 - 3/16	Webbed
A 6M 9-05612	3.000	3.50	.376	.500	1-7/16	3-7/16	.140	3/16 - 1/4	Webbed
A 6M 9-06412	3.375	4.00	.376	.501	1-1/2	3-7/8	.170	1/4 - 5/16	Spoked &
A 6M 9-07212	3.875	4.50	.376	.501	1-1/2	4-3/8	.200	1/4 - 3/8	Webbed
A 6M 9-08016	4.375	5.00	.501	.625	1-1/2	5	.170	1/4 - 5/16	Webbed
A 6M 9-08816	4.625	5.50	.501	.625	1-1/2	5	.170	1/4 - 5/16	Webbed
A 6M 9-09616	5.125	6.00	.501	.625	1-1/2	5	.170	1/4 - 5/16	Webbed
A 6M 9-09616A	5.250	6.00	.501	.625	1-1/2	5	.170	1/4 - 5/16	Webbed

S INCH

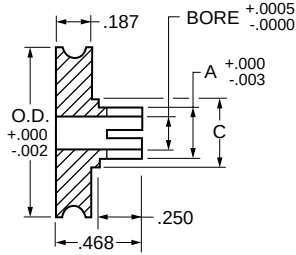
Precision Grooved Pulleys

- FOR 1/8" ROUND BELT
- PIN TYPE

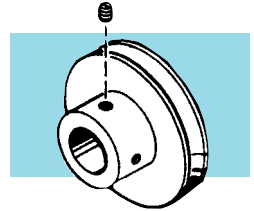


PIN-TYPE HUB

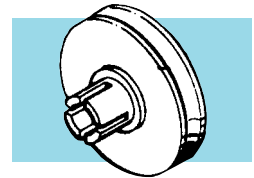
- 1/8", 3/16" & 1/4" BORES
- CLAMP TYPE



CLAMP-TYPE HUB



PIN-TYPE HUB



CLAMP-TYPE HUB

NOTE: Groove has .062 Radius, .062 Deep

MATERIAL: 303 Stainless Steel

Catalog Number		O.D. +.000 -.002	BORE +.0005 -.0000	A		B	C	Pin Type	
Pin Type Hub	Clamp Type Hub			Pin	Clamp			Set Screw	Sub Drill
S1083Y-PA-01	S1183Y-PD-01	.500	.1248	.312	.188	.187	.250	#2-56	.029
S1083Y-PA-02	S1183Y-PD-02	.750							
S1083Y-PA-03	S1183Y-PD-03	1.000							
S1083Y-PA-04	S1183Y-PD-04	1.500	.1873	.375	.250	.218	.312	#4-40	.040
S1083Y-PA-05	S1183Y-PD-05	2.000							
S1083Y-PA-06	S1183Y-PD-06	2.500							
S1084Y-PB-01	S1184Y-PE-01	.500	.2498	.500	.312	.250	.375	#6-32	.086
S1084Y-PB-02	S1184Y-PE-02	.750							
S1084Y-PB-03	S1184Y-PE-03	1.000							
S1084Y-PB-04	S1184Y-PE-04	1.500							
S1084Y-PB-05	S1184Y-PE-05	2.000							
S1084Y-PB-06	S1184Y-PE-06	2.500							
S1086Y-PC-01	S1186Y-PF-01	.500							
S1086Y-PC-02	S1186Y-PF-02	.750							
S1086Y-PC-03	S1186Y-PF-03	1.000							
S1086Y-PC-04	S1186Y-PF-04	1.500							
S1086Y-PC-05	S1186Y-PF-05	2.000							
S1086Y-PC-06	S1186Y-PF-06	2.500							
S1086Y-PC-07	S1186Y-PF-07	3.000							
S1086Y-PC-08	S1186Y-PF-08	3.500							



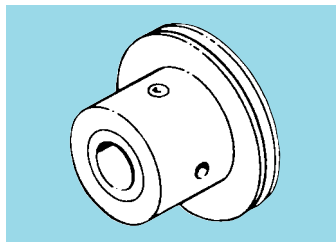
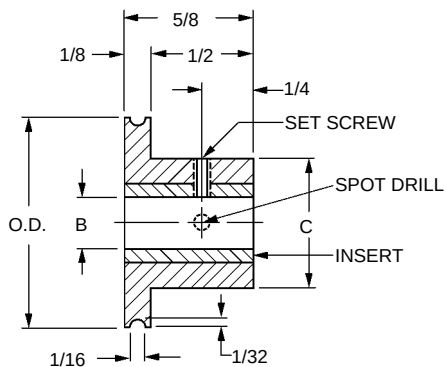
INCH

Grooved Pulleys

■ MOLDED WITH INSERT

■ FOR 1/16" DIA. ROUND BELTS

■ 1/8" FACE



MATERIAL: Body - Acetal
Insert - Brass

Catalog Number	O.D.	B Bore +.001 -.000	C Hub Dia.	Set Screw
A 6T10-1220404	.500	.125	5/8	#4-40
A 6T10-1220604	.750			
A 6T10-1221004	1.000		3/4	#4-40
A 6T10-1221404	1.500	.1875	5/8	#4-40
A 6T10-1222004	2.000			
A 6T10-1220406	.500		3/4	#4-40
A 6T10-1220606	.750	.250	5/8	#6-32
A 6T10-1221006	1.000			
A 6T10-1221406	1.500		3/4	#6-32
A 6T10-1222006	2.000	.250	5/8	#6-32
A 6T10-1221008	1.000			
A 6T10-1221408	1.500		3/4	#6-32
A 6T10-1222008	2.000	.250	1	#6-32
A 6T10-1222408	2.500			



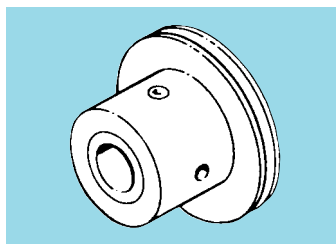
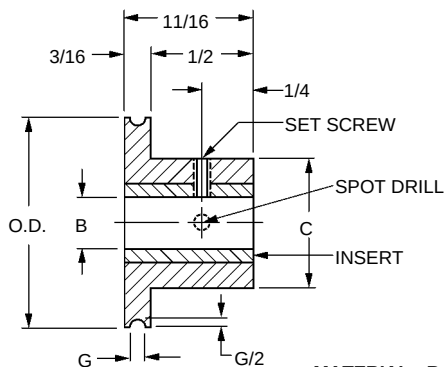
INCH

Grooved Pulleys

■ MOLDED WITH INSERT

■ FOR 3/32" & 1/8" DIA. ROUND BELTS

■ 3/16" FACE



MATERIAL: Body - Acetal
Insert - Brass

Catalog Number	O.D.	B Bore +.001 -.000	C Hub Dia.	G Groove Width	Set Screw
FOR 3/32" DIA. ROUND BELTS					
A 6T10-1230404	.500	.125	5/8	3/32	#4-40
A 6T10-1230604	.750				
A 6T10-1231004	1.000		3/4 1		
A 6T10-1231404	1.500				
A 6T10-1232004	2.000	.1875	5/8	3/32	#4-40
A 6T10-1230406	.500				
A 6T10-1230606	.750		3/4 1		
A 6T10-1231006	1.000				
A 6T10-1231406	1.500	.250	5/8 3/4	3/32	#6-32
A 6T10-1232006	2.000				
A 6T10-1231008	1.000		1		
A 6T10-1231408	1.500				
A 6T10-1232008	2.000				
A 6T10-1232408	2.500				
FOR 1/8" ROUND BELTS					
A 6T10-1240404	.500	.125	5/8	1/8	#4-40
A 6T10-1240604	.750				
A 6T10-1241004	1.000		3/4 1		
A 6T10-1241404	1.500				
A 6T10-1242004	2.000	.1875	5/8	1/8	#4-40
A 6T10-1240406	.500				
A 6T10-1240606	.750		3/4 1		
A 6T10-1241006	1.000				
A 6T10-1241406	1.500	.250	5/8	1/8	#6-32
A 6T10-1242006	2.000				
A 6T10-1240408	.500		3/4		
A 6T10-1240608	.750				
A 6T10-1241008	1.000		1		
A 6T10-1241408	1.500				
A 6T10-1242008	2.000	1			
A 6T10-1242408	2.500				

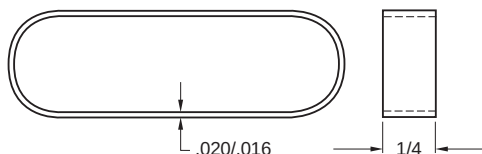


Flat Belts

■ POLYESTER

■ HIGH-SPEED

■ 1/4" WIDE

**MATERIAL:** 1 Ply Polyester Woven Cord, Black Neoprene Coating**SPECIFICATIONS:** Maximum Belt Speed - 20000 fpm

Working Tension - 0.5 to 6 lbs.

Length Tolerance - $\pm 0.5\%$

Minimum Pulley Size - 1/4" Diameter

Breaking Strength - 250 lbs.

Catalog Number	Length	
	mm	Inch
A 6R19-16025	160	6.30
A 6R19-17025	170	6.69
A 6R19-18025	180	7.09
A 6R19-19025	190	7.48
A 6R19-20025	200	7.87
A 6R19-22525	225	8.86
A 6R19-25025	250	9.84
A 6R19-27525	275	10.83
A 6R19-30025	300	11.81
A 6R19-32525	325	12.80
A 6R19-35025	350	13.78
A 6R19-37525	375	14.76
A 6R19-40025	400	15.75
A 6R19-42525	425	16.73
A 6R19-47525	475	18.70
A 6R19-50025	500	19.69

Special Widths - cut to size from sleeves available from stock.

Flat Belt Pulleys

■ MOLDED WITH INSERT

■ MACHINED O.D.

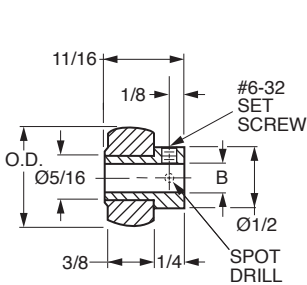


Fig. 1

ALUMINUM INSERT

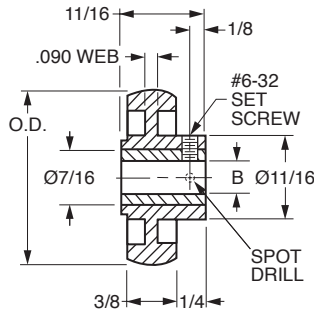
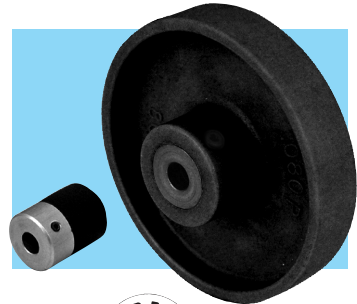


Fig. 2

BRASS INSERT



FOR 1/4" FLAT BELTS

MATERIAL: Pulley - Polycarbonate, Fiberglass Reinforced
Insert - Aluminum, Knurled - Clear Anodized
Brass, Knurled

Catalog Number	Fig. No.	O.D.		B Bore +.001 -.000	Catalog Number	Fig. No.	O.D.		B Bore +.001 -.000
		mm	Inch				mm	Inch	
A 6T19-132506	1	13	.512	.1875	A 6T19-362506	2	36	1.417	.1875
A 6T19-132508				.250	A 6T19-362508				.250
A 6T19-152506		15	.591	.1875	A 6T19-392506		39	1.535	.1875
A 6T19-152508				.250	A 6T19-392508				.250
A 6T19-172506		17	.669	.1875	A 6T19-442506		44	1.732	.1875
A 6T19-172508				.250	A 6T19-442508				.250
A 6T19-182506	2	18	.709	.1875	A 6T19-492506	2	49	1.929	.1875
A 6T19-182508				.250	A 6T19-492508				.250
A 6T19-202506		20	.787	.1875	A 6T19-552506		55	2.165	.1875
A 6T19-202508				.250	A 6T19-552508				.250
A 6T19-232506		23	.906	.1875	A 6T19-622506		62	2.441	.1875
A 6T19-232508				.250	A 6T19-622508				.250
A 6T19-242506	2	24	.945	.1875	A 6T19-682506	2	68	2.677	.1875
A 6T19-242508				.250	A 6T19-682508				.250
A 6T19-262506		26	1.024	.1875	A 6T19-752506		75	2.953	.1875
A 6T19-262508				.250	A 6T19-752508				.250
A 6T19-282506		28	1.102	.1875	A 6T19-812506		81	3.189	.1875
A 6T19-282508				.250	A 6T19-812508				.250

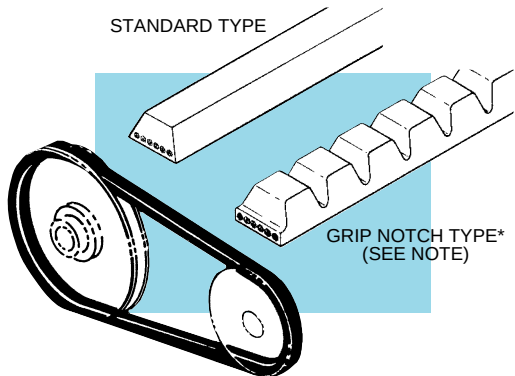
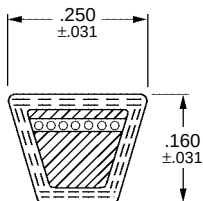
NOTE: Pulleys with nonstandard diameters or of special design are available custom-made to your drawings.



Fractional H.P. V - Belts

■ OIL- & HEAT-RESISTANT

■ STATIC-DISSIPATING



MATERIAL: Reinforced Rubber

Catalog Number	Outside Length	Pitch Length
A 6R12-2L100	10	9.6
A 6R12-2L110	11	10.6
A 6R12-2L120	12	11.6
A 6R12-2L140	14	13.6
A 6R12-2L150	15	14.6
* A 6R12-2L160	16	15.6
A 6R12-2L180	18	17.6
A 6R12-2L200	20	19.6
A 6R12-2L220	22	21.6
* A 6R12-2L240	24	23.6
A 6R12-2L270	27	26.5
* A 6R12-2L280	28	27.3
* A 6R12-2L285	28-1/2	28.1
A 6R12-2L290	29	28.6
A 6R12-2L300	30	29.6
* A 6R12-2L310	31	30.6
A 6R12-2L320	32	31.6
A 6R12-2L325	32-1/2	32.1

* Catalog numbers with asterisk are only available in grip notch type. All other belts are standard type.



INCH

Companion Pulleys

■ MOLDED & MOLDED WITH INSERT

■ FOR 1/4" V-BELTS

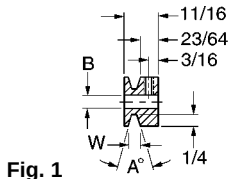


Fig. 1

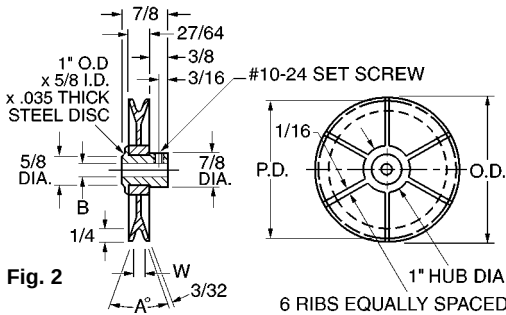
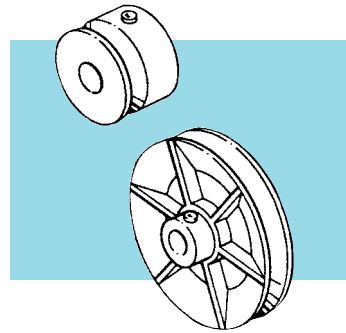
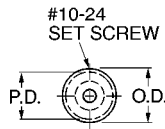


Fig. 2

MATERIAL: Fig. 1 - Nylon

Fig. 2 - Body - Nylon

Hub - Aluminum

Catalog Number	Fig. No.	P.D.	O.D.	B Bore +.001 -.000	W Width	A° Angle
A 6T10-0121008 A 6T10-0121010	1	.9	1.0	.2505 .3130	.240	32°
A 6Z10-0121508 A 6Z10-0121510 A 6Z10-0121512 A 6Z10-0121516	2	1.4	1.5	.2505 .3130 .3755 .5005	.243	34°
A 6Z10-0122008 A 6Z10-0122010 A 6Z10-0122012 A 6Z10-0122016		1.9	2.0	.2505 .3130 .3755 .5005	.246	36°
A 6Z10-0122508 A 6Z10-0122510 A 6Z10-0122512 A 6Z10-0122516		2.4	2.5	.2505 .3130 .3755 .5005	.246	36°
A 6Z10-0123008 A 6Z10-0123010 A 6Z10-0123012 A 6Z10-0123016		2.9	3.0	.2505 .3130 .3755 .5005	.250	38°

Continued on the next page

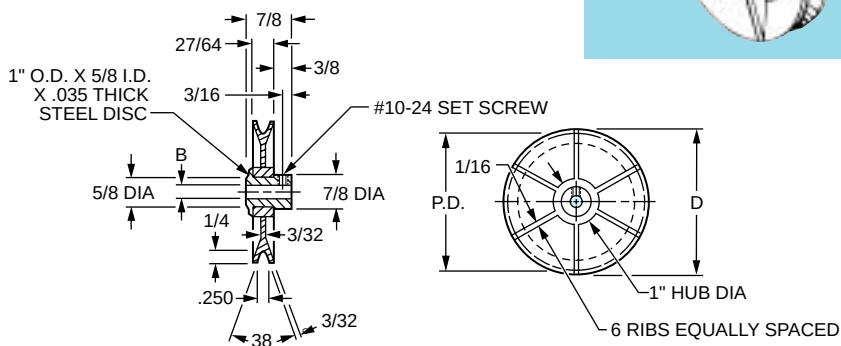
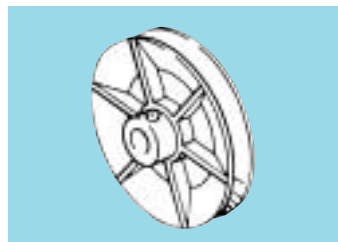


INCH

Companion Pulleys

■ MOLDED WITH INSERT

■ FOR 1/4" V-BELTS



MATERIAL: Body - Nylon
Hub - Aluminum

Catalog Number	P.D.	O.D.	B Bore +.001 -.000
A 6Z10-0123508	3.4	3.5	.2505
A 6Z10-0123510			.3130
A 6Z10-0123512			.3755
A 6Z10-0123516			.5005
A 6Z10-0124008	3.9	4.0	.2505
A 6Z10-0124010			.3130
A 6Z10-0124012			.3755
A 6Z10-0124016			.5005
A 6Z10-0124508	4.4	4.5	.2505
A 6Z10-0124510			.3130
A 6Z10-0124512			.3755
A 6Z10-0124516			.5005
A 6Z10-0125008	4.9	5.0	.2505
A 6Z10-0125010			.3130
A 6Z10-0125012			.3755
A 6Z10-0125016			.5005
A 6Z10-0126008	5.9	6.0	.2505
A 6Z10-0126010			.3130
A 6Z10-0126012			.3755
A 6Z10-0126016			.5005



■ ADJUSTABLE CONSTRUCTION

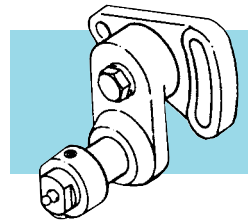
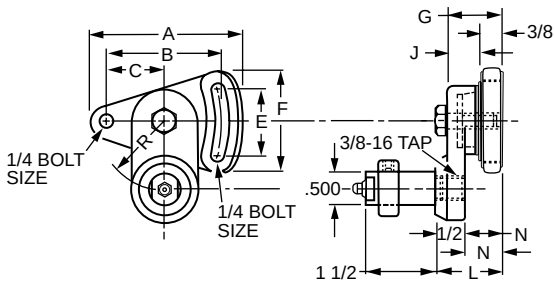
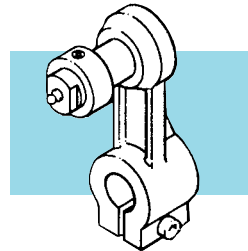
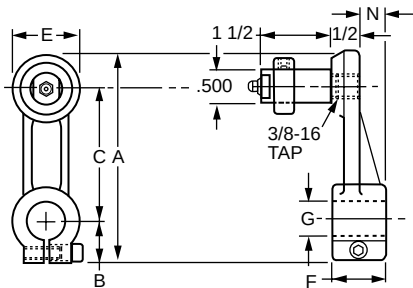
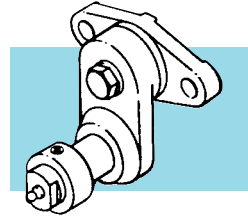
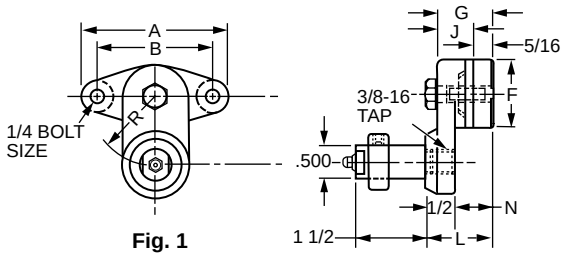


Fig. 3

MATERIAL: Body – Malleable Iron
Shaft and Set Collar – Hardened Steel

Catalog Number	Fig. No.	Dimensions										
		A	B	C	E	F	G	J	L	N	R	Weight lb.
A 6Z 9-116	1	2-5/8	2	—	—	1	15/16	5/8	1-3/16	11/16	1	.5
A 6Z 9-216	2	3-9/32	23/32	2	1-1/8	13/16	1/2	—	—	5/16	—	.8
A 6Z 9-316	3	2-23/32	2	15/16	1-1/4	1-31/32	15/16	9/16	1-3/8	11/16	1	.7

Continued on the next page
2-252



INCH

Drive Tighteners

■ FIXED CONSTRUCTION

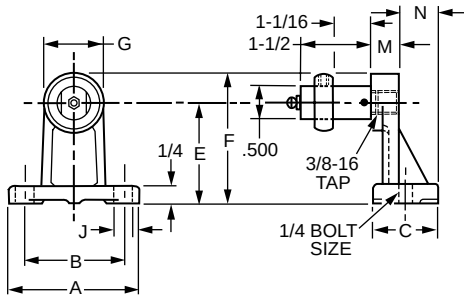


FIG. 1

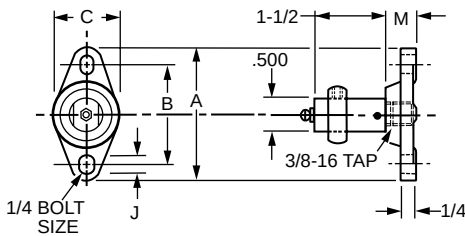
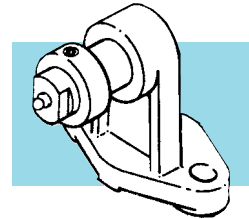


FIG. 2

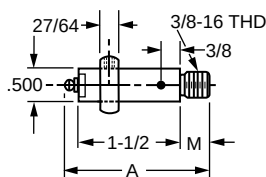
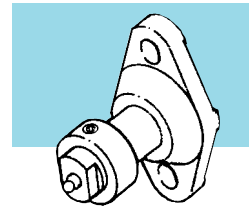
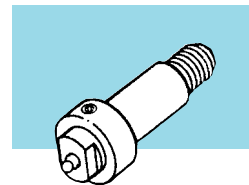


FIG. 3



MATERIAL: Body - Malleable Iron
Shaft and Set Collar - Hardened Steel

Catalog Number	Fig. No.	Dimensions									Weight lb.
		A	B	C	E	F	G	J	M	N	
A 6Z 9-416	1	2-3/8	1-3/4	1-1/8	1-1/2	2	1	9/32	1/2	11/16	.40
A 6Z 9-516	2	2-3/8	1-3/4	1-1/8	—	—	—	9/32	1/2	—	.30
A 6Z 9-616	3	2-5/16	—	—	—	—	—	—	7/16	—	.13



INCH

Idler Pulleys with Needle Bearings

■ STEEL

■ 3/16", 1/4" & 1/2" BORES

■ NEEDLE BEARINGS

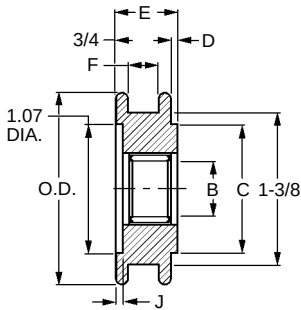


FIG. 1 FLAT BELTS

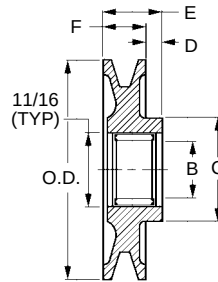
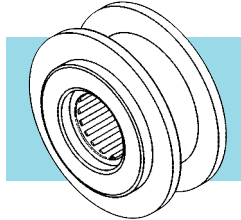


FIG. 2 "V" BELTS 3/8 & 1/2 WIDE

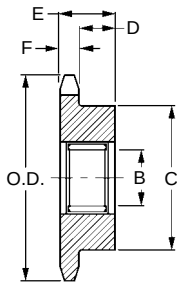
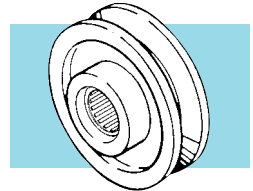


FIG. 3 SPROCKETS .1475 & .250 PITCH

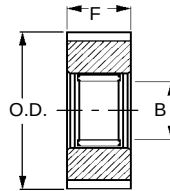
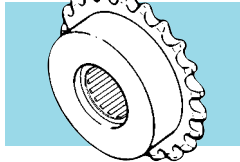
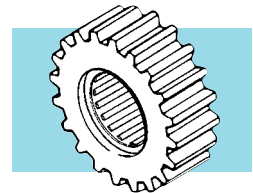


FIG. 4 TIMING PULLEYS 1/5 PITCH
AND 3 & 5 mm HTD®



MATERIAL: Pulley - Steel
Bearing - Needle Type

Catalog Number	Fig. No.	No. of Teeth	O.D.	B Bore	F Face Width	E Length	C Hub Dia.	D Hub Proj.	J Dim.	Shaft Length (Ref.)	Belt or Chain Size
A 6Z 9-016NID	1	—	1.750	1/2	9/16	7/8	1-1/4	1/8	1/8	1-1/2	—
A 6Z 9-016NOK17	2	—	1.920	1/2	1/2	3/4	1-3/8	—	—	—	3/8
A 6Z 9-016NAK25		—	2.500	1/2	21/32	29/32	1-9/16	1/4	5/32	1-1/2	1/2
A 6Z 9-016NAK30		—	3.050	1/2	21/32	29/32	1-9/16	—	5/32	—	1/2
* A 6Z 9-008HN14	3	16	.808	3/16	.062	11/32	9/16	5/16	3/64	—	.1475 Pitch
A 6Z 9-016HN25		19	1.650	1/2	.110	3/4	1-7/32	41/64	—	1-1/2	.250 Pitch
A 6Z 9-01622XL	4	22	1.381	1/2	3/4	—	—	—	—	1-1/2	1/5" Pitch
A 6Z 9-016225H		—	1.334	1/2	—	—	—	—	—	—	5 mm HTD
A 6Z 9-008283H		28	1.023	1/4	1/2	—	—	—	1/32	—	3 mm HTD

*Sprocket is Stainless Steel.

NOTE: These idlers can be used with drive tighteners (see index) or with shafts having a surface hardness of Rc 58 minimum.