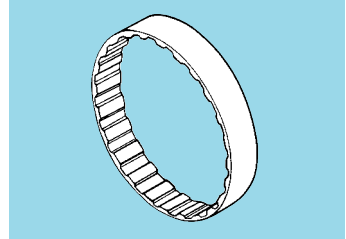
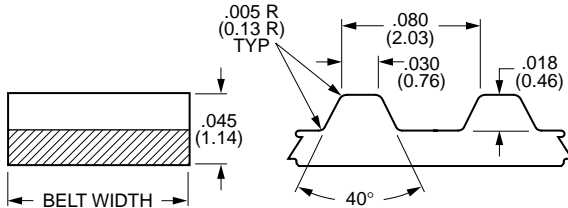


MXL Timing Belts - .080" & 2.03 mm Pitch

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

■ 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 size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
INCH	A 6 Z 1 6 - <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	012	1/8	A 6Z16-041018 is a 41 Groove 3/16" Wide Belt.
	No. of Grooves (See tables below)	018	3/16	
		025	1/4	
	Width Code (See right)	031	5/16	
		037	3/8	
METRIC	A 6 Z 1 6 M <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	030	3 mm	A 6Z16M085045 is an 85 Groove 4.5 mm Wide Belt.
	No. of Grooves (See tables below)	045	4.5 mm	
		060	6 mm	
	Width Code (See right)	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" 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
36	2.88	73.15
40	3.20	81.28
*41	3.28	83.31
42	3.36	85.34
44	3.52	89.41
45	3.60	91.44
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
56	4.48	113.79
57	4.56	115.82
58	4.64	117.86
59	4.72	119.89

No. of Grooves	Pitch Length	
	Inch	mm
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
77	6.16	156.46
79	6.32	160.53

No. of Grooves	Pitch Length	
	Inch	mm
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
97	7.76	197.1
98	7.84	199.14
99	7.92	201.17

* 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.

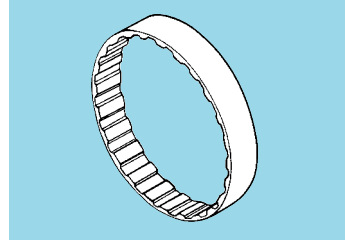
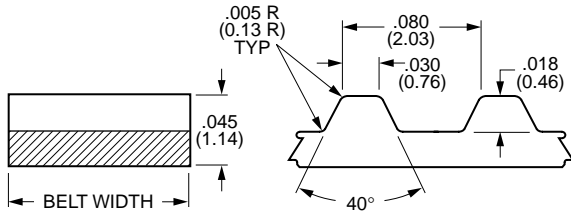
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MXL Timing Belts - .080" & 2.03 mm Pitch

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

■ 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 size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
I N C H	A 6 Z 1 6 - <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	012	1/8	A 6Z16-216012 is a 216 Groove 1/8" Wide Belt.
	No. of Grooves (See tables below)	018	3/16	
	Width Code (See right)	025	1/4	
		031	5/16	
		037	3/8	
M E T R I C	A 6 Z 1 6 M <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	030	3 mm	A 6Z16M130095 is a 130 Groove 9.5 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" 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
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
118	9.44	239.78
119	9.52	241.81
120	9.60	243.84
*121	9.68	245.87

No. of Grooves	Pitch Length	
	Inch	mm
122	9.76	247.9
123	9.84	249.94
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
*138	11.04	280.42
139	11.12	282.45
140	11.20	284.48
142	11.36	288.54
144	11.52	292.61
145	11.60	294.64
146	11.68	296.67

No. of Grooves	Pitch Length	
	Inch	mm
147	11.76	298.7
149	11.92	302.77
150	12.00	304.8
153	12.24	310.9
155	12.40	314.96
156	12.48	316.99
158	12.64	321.06
160	12.80	325.12
162	12.96	329.18
165	13.20	335.28
166	13.28	337.31
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
190	15.20	386.08

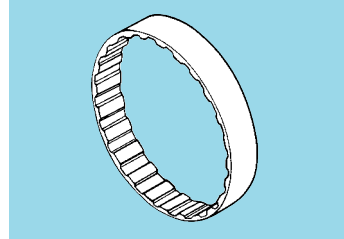
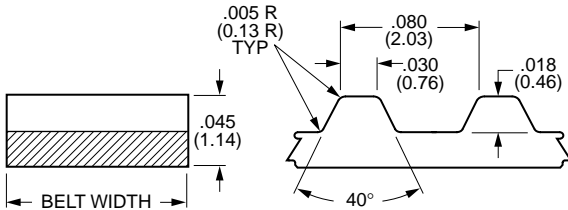
* Will be discontinued when present stock is depleted.

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

■ 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 size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
I N C H	A 6Z16- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	012	1/8	A 6Z16-463037 is a 463 Groove 3/8" Wide Belt.
	No. of Grooves	018	3/16	
	(See tables below)	025	1/4	
	Width Code	031	5/16	
	(See right)	037	3/8	
M E T R I C	A 6Z16M <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	030	3 mm	A 6Z16M648060 is a 648 Groove 6 mm Wide Belt.
	No. of Grooves	045	4.5 mm	
	(See tables below)	060	6 mm	
	Width Code	080	8 mm	
	(See right)	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" 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
192	15.36	390.14
194	15.52	394.21
195	15.60	396.24
200	16.00	406.4
203	16.24	412.5
204	16.32	414.53
208	16.64	422.66
210	16.80	426.72
212	16.96	430.78
216	17.28	438.91
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

No. of Grooves	Pitch Length	
	Inch	mm
232	18.56	471.42
235	18.80	477.52
236	18.88	479.55
239	19.12	485.65
240	19.20	487.68
245	19.60	497.84
248	19.84	503.94
249	19.92	505.97
250	20.00	508
251	20.08	510.03
256	20.48	520.19
260	20.80	528.32
265	21.20	538.48
267	21.36	542.54
268	21.44	544.58
273	21.84	554.74
280	22.40	568.96
281	22.48	570.99

No. of Grooves	Pitch Length	
	Inch	mm
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
323	25.84	656.34
324	25.92	658.37
328	26.24	666.5
332	26.56	674.62
336	26.88	682.75

*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.

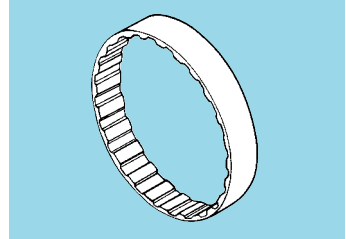
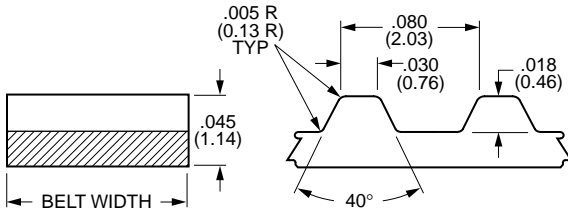
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MXL Timing Belts - .080" & 2.03 mm Pitch

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

■ 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 size.

CATALOG NUMBER DESIGNATION:		Width Code	Belt Width	Example
I N C H	A 6Z16- <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	012	1/8	A 6Z16-463037 is a 463 Groove 3/8" Wide Belt.
	No. of Grooves	018	3/16	
	(See tables below)	025	1/4	
	Width Code	031	5/16	
	(See right)	037	3/8	
M E T R I C	A 6Z16M <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	030	3 mm	A 6Z16M648060 is a 648 Groove 6 mm Wide Belt.
	No. of Grooves	045	4.5 mm	
	(See tables below)	060	6 mm	
	Width Code	080	8 mm	
	(See right)	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" 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
337	26.96	684.78
339	27.12	688.85
343	27.44	696.98
347	27.76	705.1
353	28.24	717.3
354	28.32	719.33
355	28.40	721.36
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

No. of Grooves	Pitch Length	
	Inch	mm
397	31.76	806.7
400	32.00	812.8
402	32.16	816.86
408	32.64	829.06
412	32.96	837.18
413	33.04	839.22
420	33.60	853.44
424	33.92	861.57
425	34.00	863.6
431	34.48	875.79
434	34.72	881.89
435	34.80	883.92
440	35.20	894.08
453	36.24	920.5
463	37.04	940.82
464	37.12	942.85
466	37.28	946.91

No. of Grooves	Pitch Length	
	Inch	mm
475	38.00	965.2
487	38.96	989.58
488	39.04	991.62
493	39.44	1001.78
498	39.84	1011.94
500	40.00	1016
505	40.40	1026.16
532	42.56	1081.02
535	42.80	1087.12
546	43.68	1109.47
548	43.84	1113.54
592	47.36	1202.94
600	48.00	1219.2
612	48.96	1243.58
648	51.84	1316.74

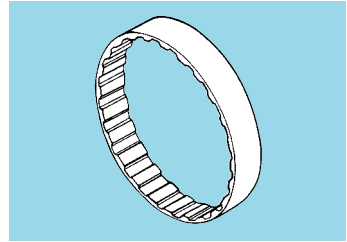
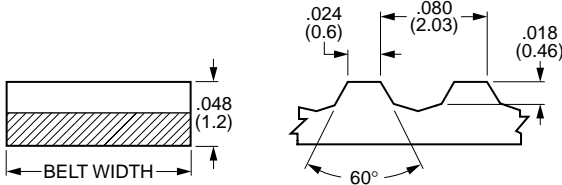
Special Widths - cut to size from sleeves available from stock.
Pulleys are available with inch or metric standards.

MXL Timing 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, 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
I N C H	A 6 <input type="checkbox"/> 16 - <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	012	1/8	A 6G16-045031 is a 45 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	
	Width Code (See right)	037	3/8	
M E T R I C	A 6 <input type="checkbox"/> 16 M <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	030	3 mm	A 6B16M035095 is a 35 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	
	Width Code (See right)	095	9.5 mm	

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

COLOR: Polyester – Orange; Kevlar – Gray

△ **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.

△ 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.

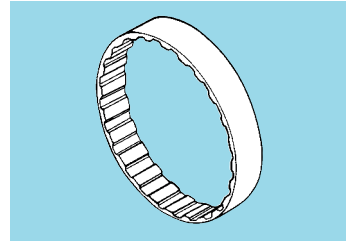
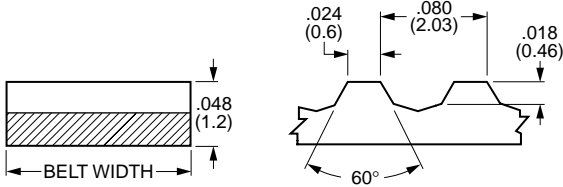
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MXL Timing Belts - .080" or 2.03 mm Pitch

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

■ POLYURETHANE

■ 1/8, 3/16, 1/4, 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		
I N C H	A 6 <input type="checkbox"/> 16 - <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	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	No. of Grooves	025		1/4	
		(See tables below)	Width Code		031	5/16
			(See right)		037	3/8
M E T R I C	A 6 <input type="checkbox"/> 16 M <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	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	No. of Grooves	060		6 mm	
		(See tables below)	Width Code		080	8 mm
			(See right)		095	9.5 mm

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

COLOR: Polyester – Orange; Kevlar – Gray

△ **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

No. of Grooves	Pitch Length	
	Inch	mm
235	18.80	477.52
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

No. of Grooves	Pitch Length	
	Inch	mm
320	25.60	650.24
324	25.92	658.37
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
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

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

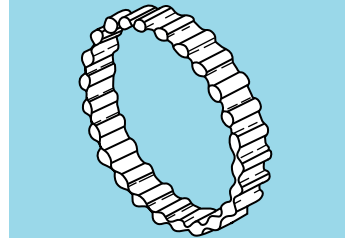
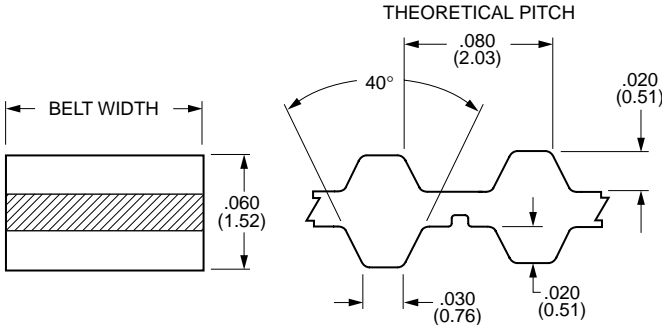
Special Widths - cut to size from sleeves available from stock.

Pulleys are available with inch or metric standards.

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

■ 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
I N C H	A 6 B 16 - D <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	012	1/8	A 6B16-D155025 is a 155 Groove 1/4" Wide Belt.
	No. of Grooves	018	3/16	
	Width Code	025	1/4	
	(See tables below)	037	3/8	
M E T R I C	A 6 B 16 M D <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	030	3 mm	A 6B16MD475045 is a 475 Groove 4.5 mm Wide Belt.
	No. of Grooves	045	4.5 mm	
	Width Code	060	6 mm	
	(See tables below)	095	9.5 mm	

MATERIAL: Body – Polyurethane
Cord – Kevlar

COLOR: Transparent Amber

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.