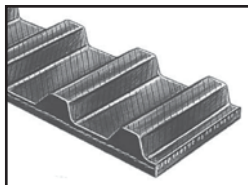




SYNCHRONOUS BELTS



Standard Timing Belts - XL, L, H, XH, XXH Trapezoidal Tooth Profile (Oil, Heat and Abrasion Resistant)

Stock timing belts are listed below. They have fiberglass tension members, chloroprene body with nylon covered teeth, all bonded together for maximum strength.

For non-stock widths, Jason cuts specified widths from our large supply of timing belt sleeves on special order.

Any width available from stock, consult Jason/Megadyne for pricing.

Mini-pitch MXL (0.080-inch pitch) timing belts are also available.

Pitch Code	Tooth Pitch (inch)		Width Codes (inch)											Pitch Lengths
			1/4	5/16	3/8	1/2	3/4	1	1.5	2	3	4	5	
XL	1/5	0.20	025	031	037	-	-	-	-	-	-	-	-	54XL thru 1280 XL
L	3/8	0.375	-	-	-	050	075	100	-	-	-	-	-	124 L thru 817 L
H	1/2	0.50	-	-	-	-	075	100	150	200	300	-	-	210 H thru 2360 H
XH	7/8	0.875	-	-	-	-	-	-	-	200	300	400	-	507 XH thru 1750 XH
XXH	1-1/4	1.25	-	-	-	-	-	-	-	200	300	400	500	700 XXH thru 1800 XXH

NOTE: Widths shown are considered standard, but standard timing belts can be cut to any width desired.

Jason timing belts are specified by belt length in inches times 10, belt pitch code and a three-digit belt width code, which is the decimal inch-width multiplied by 100 - **Example: 240L075**

Features & Benefits

- **Fiberglass Tensile Cord** - High dimensional stability
- **Chloroprene Belt Body** - Oil, heat and ozone resistance; high tooth shear resistance
- **Nylon Tooth Cover** - Durability and wear resistance, increased power capacity

Construction

- Compound** - Chloroprene
- Cord** - Fiberglass
- Tooth Cover** - Nylon

PART NUMBER DESIGNATION

240L075

240 = 24.0" Pitch Length

L = 3/8" Tooth Pitch

075 = 3/4" Top Width

Applications - General Industry or drives requiring premium efficiency or synchronous applications such as business machines, conveyors, index drives, farm equipment, machine tools, hand power tools, floor care machines.

Engineering Standards - Conforms to ARPM standard IP-24

Recommended Pulleys - Use pulleys made to ARPM standards

Special Constructions - MXL Mini-Pitch Construction

- Non-Marking Backing
- Red Latex Backing
- Special Compounds
- Non-Standard Widths
- Extra Backing
- Directional Lateral Tracking (S or Z Tensile members)

SYNCHRONOUS BELTS



SYNCHRONOUS BELTS

EXTRA LIGHT "XL" STANDARD 1/5" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 050 (1/2")	Approx. Wt. (lbs.) 075 (3/4")	Approx. Wt. (lbs.) 100 (1")	Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 050 (1/2")	Approx. Wt. (lbs.) 075 (3/4")	Approx. Wt. (lbs.) 100 (1")
54XL	5.4	27	0.005	0.007	0.008	228XL	22.8	114	0.023	0.029	0.035
60XL	6.0	30	0.006	0.008	0.009	230XL	23.0	115	0.023	0.029	0.035
70XL	7.0	35	0.007	0.009	0.011	234XL	23.4	117	0.023	0.030	0.036
80XL	8.0	40	0.008	0.010	0.012	240XL	24.0	120	0.024	0.031	0.037
88XL	8.8	44	0.009	0.011	0.014	250XL	25.0	125	0.025	0.032	0.039
90XL	9.0	45	0.009	0.011	0.014	254XL	25.4	127	0.026	0.033	0.040
94XL	9.4	47	0.010	0.012	0.015	260XL	26.0	130	0.026	0.033	0.040
98XL	9.8	49	0.010	0.013	0.015	270XL	27.0	135	0.029	0.034	0.041
100XL	10.0	50	0.010	0.013	0.015	274XL	27.4	137	0.029	0.035	0.042
102XL	10.2	51	0.010	0.013	0.015	276XL	27.6	138	0.029	0.035	0.042
106XL	10.6	53	0.011	0.013	0.016	280XL	28.0	140	0.029	0.036	0.043
110XL	11.0	55	0.011	0.014	0.017	290XL	29.0	145	0.029	0.038	0.045
120XL	12.0	60	0.012	0.015	0.019	310XL	31.0	155	0.031	0.039	0.047
128XL	12.8	64	0.013	0.016	0.020	316XL	31.6	158	0.032	0.040	0.048
130XL	13.0	65	0.013	0.016	0.020	320XL	32.0	160	0.032	0.041	0.049
134XL	13.4	67	0.013	0.017	0.020	322XL	32.2	161	0.032	0.041	0.049
136XL	13.6	68	0.014	0.018	0.021	330XL	33.0	165	0.033	0.042	0.050
140XL	14.0	70	0.014	0.018	0.022	340XL	34.0	170	0.034	0.042	0.051
142XL	14.2	71	0.014	0.018	0.023	344XL	34.4	172	0.034	0.043	0.051
150XL	15.0	75	0.015	0.019	0.023	348XL	34.8	174	0.035	0.044	0.053
156XL	15.6	78	0.016	0.020	0.024	350XL	35.0	175	0.035	0.044	0.053
160XL	16.0	80	0.016	0.020	0.025	352XL	35.2	176	0.035	0.044	0.053
162XL	16.2	81	0.016	0.021	0.026	364XL	36.4	182	0.036	0.046	0.055
170XL	17.0	85	0.017	0.022	0.026	380XL	38.0	190	0.038	0.048	0.058
180XL	18.0	90	0.018	0.023	0.028	390XL	39.0	195	0.039	0.049	0.059
182XL	18.2	91	0.018	0.023	0.028	392XL	39.2	196	0.039	0.049	0.059
188XL	18.8	94	0.019	0.024	0.029	412XL	41.2	206	0.040	0.051	0.061
190XL	19.0	95	0.019	0.024	0.029	414XL	41.4	207	0.041	0.051	0.062
194XL	19.4	97	0.020	0.025	0.030	434XL	43.4	217	0.043	0.054	0.064
200XL	20.0	100	0.020	0.025	0.031	450XL	45.0	225	0.045	0.058	0.069
210XL	21.0	105	0.021	0.026	0.032	460XL	46.0	230	0.046	0.059	0.070
214XL	21.4	107	0.021	0.027	0.033	490XL	49.0	245	0.049	0.061	0.073
220XL	22.0	110	0.022	0.028	0.034	1280XL	128.0	640	0.127	0.159	0.191

LIGHT "L" STANDARD 3/8" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 050 (1/2")	Approx. Wt. (lbs.) 075 (3/4")	Approx. Wt. (lbs.) 100 (1")	Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 050 (1/2")	Approx. Wt. (lbs.) 075 (3/4")	Approx. Wt. (lbs.) 100 (1")
124L	12.4	33	0.06	0.05	0.07	345L	34.5	92	0.08	0.13	0.16
135L	13.5	36	0.06	0.05	0.07	367L	36.7	98	0.08	0.13	0.17
150L	15.0	40	0.03	0.05	0.07	375L	37.5	100	0.08	0.13	0.17
165L	16.5	44	0.03	0.06	0.08	390L	39.0	104	0.09	0.14	0.18
169L	16.9	45	0.03	0.06	0.08	405L	40.5	108	0.09	0.14	0.19
173L	17.3	46	0.03	0.06	0.08	420L	42.0	112	0.10	0.15	0.20
187L	18.7	50	0.04	0.07	0.09	424L	42.4	113	0.10	0.16	0.21
202L	20.2	54	0.04	0.08	0.09	427L	42.7	114	0.10	0.16	0.21
210L	21.0	56	0.04	0.08	0.09	450L	45.0	120	0.11	0.16	0.21
225L	22.5	60	0.05	0.08	0.10	480L	48.0	128	0.12	0.17	0.23
236L	23.6	63	0.06	0.08	0.12	510L	51.0	136	0.12	0.18	0.24
240L	24.0	64	0.06	0.08	0.12	525L	52.5	140	0.12	0.19	0.25
244L	24.4	65	0.06	0.08	0.12	540L	54.0	144	0.13	0.20	0.26
255L	25.5	68	0.06	0.09	0.12	548L	54.8	146	0.13	0.20	0.26
270L	27.0	72	0.06	0.10	0.13	581L	58.1	155	0.13	0.20	0.27
285L	28.5	76	0.07	0.10	0.14	600L	60.0	160	0.13	0.21	0.28
300L	30.0	80	0.07	0.11	0.14	660L	66.0	176	0.14	0.23	0.29
315L	31.5	84	0.07	0.12	0.15	728L	72.8	194	0.15	0.25	0.30
320L	32.0	85	0.07	0.12	0.15	731L	73.1	195	0.15	0.25	0.30
322L	32.2	86	0.07	0.12	0.15	817L	81.7	218	0.18	0.29	0.36

COTTON CLEANER BELTS



- For use on cotton gin cleaning machines
- 1" Tooth Pitch
- Chloroprene Rubber with steel cord
- Long service life in harsh environments

Belt Number	No. of Teeth	Belt Number	No. of Teeth
61CCB142	60	64CCB175	64
63CCB165	63	65CCB175	65



SYNCHRONOUS BELTS

HEAVY "H" STANDARD 1/2" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Weight (lbs.) 075 (3/4")	Approx. Weight (lbs.) 100 (1")	Approx. Weight (lbs.) 150 (1-1/2")	Approx. Weight (lbs.) 200 (2")	Approx. Weight (lbs.) 300 (3")
210H	21.0	42	0.11	0.15	0.23	0.30	0.45
230H	23.0	46	0.12	0.19	0.28	0.38	0.47
240H	24.0	48	0.13	0.20	0.28	0.41	0.56
255H	25.5	51	0.14	0.21	0.29	0.42	0.56
270H	27.0	54	0.15	0.21	0.31	0.43	0.63
280H	28.0	56	0.16	0.21	0.31	0.44	0.64
300H	30.0	60	0.17	0.23	0.35	0.47	0.70
310H	31.0	62	0.18	0.24	0.36	0.48	0.72
315H	31.5	63	0.18	0.24	0.36	0.49	0.73
320H	32.0	64	0.18	0.25	0.37	0.50	0.74
330H	33.0	66	0.19	0.25	0.38	0.51	0.77
340H	34.0	68	0.19	0.26	0.38	0.52	0.78
350H	35.0	70	0.20	0.27	0.40	0.55	0.82
360H	36.0	72	0.20	0.28	0.42	0.56	0.84
370H	37.0	74	0.21	0.28	0.42	0.57	0.86
375H	37.5	75	0.21	0.28	0.43	0.58	0.88
390H	39.0	78	0.22	0.30	0.45	0.61	0.91
400H	40.0	80	0.23	0.31	0.47	0.63	0.93
410H	41.0	82	0.23	0.31	0.48	0.64	0.96
420H	42.0	84	0.24	0.32	0.49	0.65	0.98
430H	43.0	86	0.24	0.33	0.50	0.67	0.99
450H	45.0	90	0.25	0.35	0.52	0.70	1.05
465H	46.5	93	0.26	0.36	0.55	0.71	1.09
480H	48.0	96	0.27	0.37	0.56	0.72	1.12
490H	49.0	98	0.27	0.38	0.57	0.75	1.15
510H	51.0	102	0.28	0.39	0.59	0.79	1.18
530H	53.0	106	0.29	0.40	0.61	0.82	1.20
540H	54.0	108	0.30	0.41	0.63	0.84	1.25
560H	56.0	112	0.31	0.42	0.64	0.85	1.26
570H	57.0	114	0.32	0.44	0.66	0.89	1.32
580H	58.0	116	0.33	0.45	0.68	0.91	1.30
585H	58.5	117	0.33	0.45	0.68	0.91	1.30
600H	60.0	120	0.34	0.46	0.70	0.93	1.40
630H	63.0	126	0.35	0.48	0.73	0.98	1.47
650H	65.0	130	0.36	0.50	0.76	1.00	1.50
660H	66.0	132	0.37	0.51	0.77	1.02	1.54
680H	68.0	136	0.38	0.52	0.79	1.06	1.59
700H	70.0	140	0.39	0.54	0.81	1.09	1.64
725H	72.5	145	0.41	0.56	0.84	1.12	1.75
730H	73.0	146	0.41	0.56	0.84	1.13	1.80
750H	75.0	150	0.42	0.58	0.87	1.16	1.87
770H	77.0	154	0.43	0.59	0.90	1.20	1.90
800H	80.0	160	0.45	0.61	0.93	1.24	1.93
810H	81.0	162	0.46	0.62	0.95	1.25	1.93
820H	82.0	164	0.46	0.63	0.96	1.27	1.94
840H	84.0	168	0.47	0.64	0.97	1.28	1.95
850H	85.0	170	0.48	0.65	0.99	1.32	1.99
860H	86.0	172	0.48	0.66	1.00	1.35	2.00
880H	88.0	176	0.50	0.67	1.03	1.37	2.00
900H	90.0	180	0.51	0.69	1.04	1.40	2.10
950H	95.0	190	0.53	0.72	1.10	1.47	2.16
1000H	100.0	200	0.56	0.77	1.16	1.55	2.32
1100H	110.0	220	0.59	0.84	1.27	1.71	2.57
1120H	112.0	224	0.60	0.85	1.30	1.73	2.59
1140H	114.0	228	0.65	0.90	1.40	1.80	2.62
1150H	115.0	230	0.70	0.95	1.45	1.92	2.90
1250H	125.0	250	0.70	0.96	1.46	1.94	2.92
1400H	140.0	280	0.79	1.07	1.62	2.17	3.24
1700H	170.0	340	0.95	1.30	1.95	2.63	3.95
2010H	201.0	402	1.13	1.53	2.30	3.10	4.67
2360H	236.0	472	1.33	1.80	2.70	3.65	5.48

EXTRA HEAVY "XH" STANDARD 7/8" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 200 (2")	Approx. Wt. (lbs.) 300 (3")	Approx. Wt. (lbs.) 400 (4")
507XH	50.7	58	2.11	3.16	4.22
560XH	56.0	64	2.33	3.49	4.66
630XH	63.0	72	2.62	3.93	5.24
700XH	70.0	80	2.91	4.37	5.82
770XH	70.0	88	3.20	4.81	6.41
840XH	70.0	96	3.49	5.25	6.99
980XH	70.0	112	4.08	6.12	8.15
1120XH	112.0	128	4.66	6.99	9.32
1260XH	126.0	144	5.24	7.86	10.48
1400XH	140.0	160	5.82	8.74	11.65
1540XH	154.0	176	6.41	9.61	12.81
1750XH	175.0	200	7.28	10.92	14.56

DOUBLE EXTRA HEAVY "XXH" STANDARD 1-1/4" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 200 (2")	Approx. Wt. (lbs.) 300 (3")	Approx. Wt. (lbs.) 400 (4")	Approx. Wt. (lbs.) 500 (5")
700XXH	70.0	56	4.09	6.13	8.18	10.22
800XXH	80.0	64	4.67	7.01	9.34	11.68
900XXH	90.0	72	5.26	7.88	10.51	13.14
1000XXH	100.0	80	5.84	8.76	11.68	14.50
1200XXH	120.0	96	7.01	10.51	14.60	17.52
1400XXH	140.0	112	8.18	12.26	16.35	20.44
1600XXH	160.0	128	9.34	14.02	18.69	23.36
1800XXH	180.0	144	10.57	15.77	21.02	26.28