

Megadyne design, engineer and offer support and advice to customers. They undertake feasibility studies for new design applications using their wealth of experience in the belting market.

Megadyne are constantly striving to achieve a good product to compliment their applications feasibility and design service.

Megadyne Rubber timing belts are available only in single or double teeth sleeves sides in both classical and HTD profiles. According to the most advanced technology.

Classical Synchronous Belt (XL - L - H - XH - XXH)

Characteristics

- Trapezoidal tooth profile.
- Polychloroprene teeth allow correct meshing with the pulley grooves.
- Fiberglass tensile cords resist elongation.
- Nylon fabric cover protects the tooth surface.

The classical synchronous belt offers a maintenance-free and economical alternative to conventional drives like chains and gears. Its application range extends from minimum drives (typewriters) to heavy-duty machinery (oil pumps, ...) etc. The belt is suitable for a wide range of load capacities and speed ratios. Available in XL, L, H, XH pitches and pitch lengths from 152 mm to 4445 mm.

Synchronous Belt for High Torque Drives (HTD 3M - 5M - 8M - 14M)

Characteristics

- Curvilinear tooth profile guarantees high power transmission and correct meshing with the pulley grooves.
- Fiberglass cords resist elongation and offer long flex life.
- Durable polychloroprene backing protects the cords against environmental pollution and frictional wear.
- Tough nylon facing protect the tooth surface.

High capacity belt for a wide range of applications from domestic equipment to heavy engineering. A clean and effective solution that ideally replaces other drive systems.

This long-lasting and maintenance-free belt covers a range of 5 pitches: 3M, 5M, 8M, 14M and 20M. Available in pitch lengths from 105 mm to 6.860 mm.

Synchronous Belt with a Parabolic Profile ISORAN® RRP by DAYCO

Characteristics

- The parabolic profile of the new RPP belt has an angle of pressure α which increases from the base to the top of the tooth, this produces more advantage.
- Fiberglass cords with high breaking load, remarkable resistance to repeated flexing never extensibility.
- The body of the belt and teeth is manufactured in a chloroprene compound.
- A tough nylon fabric is bonded to the wearing surfaces of the belts and due to special DAYCO'S patented treatment becomes self lubricating (Patent \neq 1864104).

Special pitch belts

Special pitch belts can be constructed for applications requiring a fixed centre distance, an high speed ratio, or limited pulley diameters.

The development for drives of this type can be quite complex and it is recommended that be designed in consultation with our engineers.

These belts are also and moderately oil resistant.

Temperature range

Working temperature range of - 30 °C to + 80 °C

Extra thick rubber backing

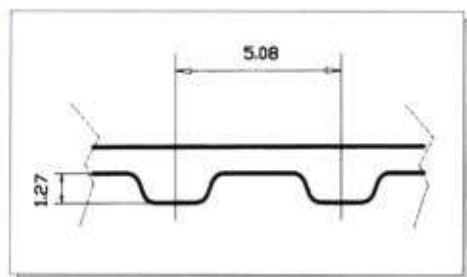
For special applications when belt is used for functional purposes other for power transmission.

Ground backing

For special requirements or applications when vibration is involved or outside will be used.

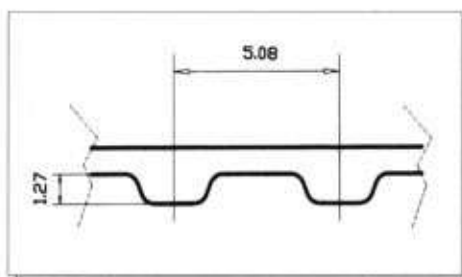


CLASSICAL SYNCHRONOUS SLEEVES



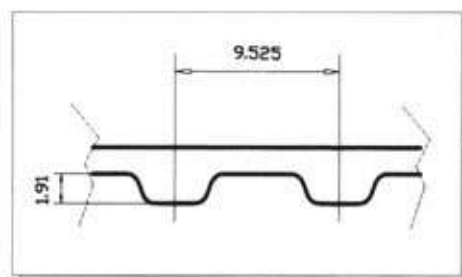
Pitch: XL (5,08 mm)

Code	Length mm	n° Teeth
54 XL	137,16	27
60 XL	152,40	30
70 XL	177,80	35
80 XL	203,20	40
90 XL	228,60	45
98 XL	248,92	49
100 XL	254,00	50
102 XL	259,08	51
106 XL	269,24	53
110 XL	279,40	55
120 XL	304,80	60
130 XL	330,20	65
140 XL	355,60	70
150 XL	381,00	75
156 XL	396,24	78
160 XL	406,40	80
170 XL	431,80	85
180 XL	457,20	90
182 XL	462,28	91
190 XL	482,60	95
198 XL	502,92	99
200 XL	508,00	100
202 XL	513,08	101
210 XL	533,40	105
212 XL	538,48	106
214 XL	534,56	107
220 XL	558,80	110
228 XL	579,12	114
230 XL	584,20	115
234 XL	594,36	117
240 XL	609,60	120
250 XL	635,00	125
260 XL	660,40	130
270 XL	685,80	135
276 XL	701,04	138
290 XL	736,60	145
310 XL	787,40	155
316 XL	802,64	158
320 XL	812,80	160
330 XL	838,20	165
344 XL	873,76	172
352 XL	894,08	176
364 XL	924,56	182



Pitch: XL (5,08 mm)

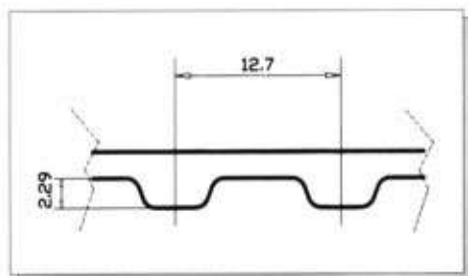
Code	Length mm	n° Teeth
380 XL	965,20	190
384 XL	975,36	192
390 XL	990,60	195
392 XL	995,68	196
434 XL	1102,36	217
530 XL	1346,20	265
600 XL	1524,00	300
710 XL	1803,40	355



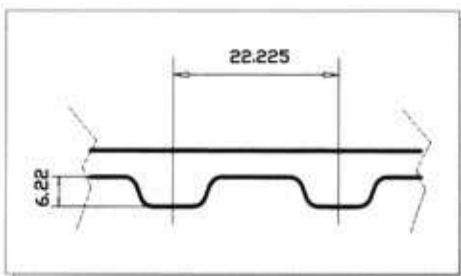
Pitch: L (9,525 mm)

Code	Length mm	n° Teeth
124 L	314,96	33
135 L	342,90	36
150 L	381,00	40
173 L	438,15	46
187 L	476,25	50
202 L	514,35	54
210 L	533,40	56
225 L	571,50	60
240 L	609,60	64
255 L	647,70	68
270 L	685,80	72
285 L	723,90	76
300 L	762,00	80
322 L	819,15	86
345 L	876,30	92
367 L	933,45	98
390 L	990,60	104
405 L	1028,70	108
412 L	1047,75	110
420 L	1066,80	112
450 L	1143,00	120
480 L	1219,20	128
510 L	1295,40	136
540 L	1371,60	144
600 L	1524,00	160
728 L	1847,85	194
817 L	2076,45	218

CLASSICAL SYNCHRONOUS SLEEVES



Pitch: H (12,7 mm)



Pitch: XH (22,225 mm)

Code	Length mm	n° Teeth
240 H	609,6	48
270 H	685,8	54
300 H	762,0	60
330 H	838,2	66
360 H	914,4	72
390 H	990,6	78
420 H	1066,8	84
450 H	1143,0	90
480 H	1219,2	96
510 H	1295,4	102
540 H	1371,6	108
570 H	1447,8	114
600 H	1524,0	120
630 H	1600,2	126
660 H	1676,4	132
700 H	1778,0	145
725 H	1841,5	140
750 H	1905,0	150
800 H	2032,0	160
850 H	2159,0	170
900 H	2286,0	180
1000 H	2540,0	200
1100 H	2794,0	220
1120 H	2844,8	224
1140 H	2895,6	228
1150 H	2921	230
1250 H	3175,0	250
1400 H	3556,0	280
1700 H	4318,0	340

Code	Length mm	n° Teeth
507 XH	1289,00	58
534 XH	1356,40	61
560 XH	1422,40	64
630 XH	1600,20	72
700 XH	1778,00	80
770 XH	1955,80	88
840 XH	2133,60	96
980 XH	2489,20	112
1120 XH	2844,80	128
1260 XH	3200,40	144
1400 XH	3566,00	160
1540 XH	3911,60	176
1750 XH	4445,00	200

SLEEVES WIDTH

XL	380 mm	470 mm	540 mm
L	380 mm	470 mm	540 mm
H	470 mm	540 mm	
XH	470 mm	540 mm	