

CHARACTERISTICS OF THE POLYURETHANE TIMING BELT®

MECHANICAL CHARACTERISTICS

- Constant dimensions
- Noiseless
- No maintenance
- High flexibility
- High resistance steel or kevlar reinforcement with little stretching and flexible coating
- Linear speed up to 80 mt/sec.
- Extremely reduced transmission dimensions
- Low pre-tension
- Length constancy
- High abrasion resistance

CHEMICAL CHARACTERISTICS

- Ageing, hydrolysis, U.V.A. rays, ozone resistant
- Working temperature: -35°/ +85° C ; with peaks up to 110° C
- High resistance to oils, greases and gasoline
- Acid-proof and alkali-proof

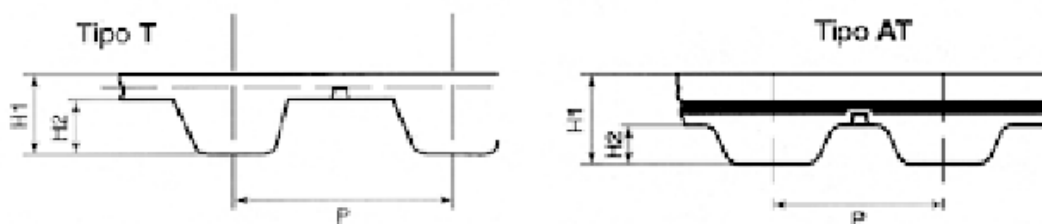
M.E.C. BELT® TIMING belts are in compliance with the ISO 5296-1 e DIN7721-1

M.E.C. TIMING POLMETRIC® BELT® SYNCHRONOUS NOTCHED BELTS IN POLYURETHANE

For industrial Transmissions

Notched belts polyurethane are in low-power transmissions where products of limited tolerance are required. Their main characteristics are as follow: resistance to friction and oil, uniformity of profile (Thickness, positioning of metal insert, notch shape), good flexibility.

Double notched endless belts (type T2,5 – T5 – T10 - AT5 – AT10) with steel or Kevlar insert.



PROFILE SIZES							
Type	T 2,5	T 5	T 10	T 20	AT 5	AT 10	AT 20
P mm	2,5	5	10	20	5	10	20
H1 mm	1,3	2,2	4,5	8	2,7	5	9
H2 mm	0,7	1,2	2,5	5	1,2	2,5	5

M.E.C. TIMING POLMETRIC® BELT®

Discount Ref. 22 Group F1

Discount Ref. 22 Group F2

Type T2,5

Type T5

Type and pitch
development N°
in mm Notches

Type and pitch
development N°
in mm Notches

2,5T 120	48
2,5T 145	58
2,5T 160	64
2,5T 177	71
2,5T 200	80
2,5T 230	92
2,5T 245	98
2,5T 265	106
2,5T 285	114
2,5T 290	116
2,5T 305	122
2,5T 317	127
2,5T 330	132
2,5T 380	152
2,5T 420	168
2,5T 480	192
2,5T 500	200
2,5T 600	240
2,5T 620	248
2,5T 650	260
2,5T 680	272
2,5T 780	312
2,5T 880	352
2,5T 915	366
2,5T 950	380
2,5T 1185	474

5T 185	37
5T 200	40
5T 215	43
5T 220	44
5T 225	45
5T 245	49
5T 255	51
5T 260	52
5T 270	54
5T 280	56
5T 295	59
5T 305	61
5T 330	66
5T 340	68
5T 350	70
5T 355	71
5T 365	73
5T 390	78
5T 400	80
5T 410	82
5T 420	84
5T 455	91
5T 475	95
5T 480	96
5T 500	100
5T 510	102
5T 525	105
5T 545	109
5T 550	110
5T 560	112
5T 575	115
5T 610	122
5T 620	124
5T 630	126
5T 650	130
5T 660	132
5T 690	138
5T 720	144
5T 750	150
5T 780	156
5T 815	163
5T 830	166

M.E.C. TIMING POLMETRIC® BELT®

Discount Ref. 22 Group F2

Discount Ref. 22 Group F3

Type T5

Type and pitch [development] N° [in mm] Notches

5T 840	168
5T 885	177
5T 900	180
5T 990	198
5T 1075	215
5T 1100	220
5T 1160	232
5T 1215	243
5T 1280	256
5T 1315	263
5T 1380	276
5T 1955	391

Type T10

Type and pitch [development] N° [in mm] Notches

10T 840	84
10T 880	88
10T 890	89
10T 900	90
10T 920	92
10T 960	96
10T 970	97
10T 980	98
10T 1010	101
10T 1080	108
10T 1110	111
10T 1140	114
10T 1150	115
10T 1210	121
10T 1240	124
10T 1250	125
10T 1300	130
10T 1320	132
10T 1350	135
10T 1390	139
10T 1400	140
10T 1460	142
10T 1460	146
10T 1500	150
10T 1560	156
10T 1610	161
10T 1750	175
10T 1780	178
10T 1880	188
10T 1960	196
10T 2250	225

Type T10

Discount Ref. 22 Group F3

Type and pitch [development] N° [in mm] Notches

10T 260	26
10T 340	34
10T 370	37
10T 400	40
10T 410	41
10T 440	44
10T 480	48
10T 500	50
10T 530	53
10T 560	56
10T 600	60
10T 610	61
10T 630	63
10T 660	66
10T 690	69
10T 700	70
10T 720	72
10T 750	75
10T 780	78
10T 810	81

M.E.C. TIMING POLMETRIC® BELT®

Discount Ref. 22 Group F5

Discount Ref. 22 Group F6

Type AT5

Type and pitch
development N°
in mm Notches

5AT 225	45
5AT 255	51
5AT 280	56
5AT 300	60
5AT 340	68
5AT 375	75
5AT 390	78
5AT 420	84
5AT 450	90
5AT 455	91
5AT 500	100
5AT 545	109
5AT 600	120
5AT 610	122
5AT 660	132
5AT 710	142
5AT 720	144
5AT 750	150
5AT 780	156
5AT 825	165
5AT 975	195
5AT 1050	210
5AT 1125	225
5AT 1500	300

Type AT10

Type and pitch
development N°
in mm Notches

10AT 500	50
10AT 560	56
10AT 600	60
10AT 610	61
10AT 660	68
10AT 700	70
10AT 730	73
10AT 780	78
10AT 800	80
10AT 840	84
10AT 890	89
10AT 920	92
10AT 960	96
10AT 980	98
10AT 1000	100
10AT 1010	101
10AT 1050	105
10AT 1080	108
10AT 1150	115
10AT 1200	120
10AT 1210	121
10AT 1250	125
10AT 1280	128
10AT 1300	130
10AT 1320	132
10AT 1350	135
10AT 1360	136
10AT 1400	140
10AT 1420	142
10AT 1480	148
10AT 1500	150
10AT 1600	160
10AT 1700	170
10AT 1720	172
10AT 1800	180
10AT 1860	186
10AT 1940	194