



MEGAPOWER

PU ENDLESS TIMING BELTS

MEGAPOWER timing belts are manufactured by a unique thermoset moulding process. The high-grade polyurethane gives excellent abrasion and shear resistance, combined with a variety of graded steel cords, ensuring high strength and tractive resistance. The result is a timing belt with excellent dimensional stability.

MEGAPOWER moulded timing belts are manufactured to a tight tolerance range, which assures consistent length and thickness.

The combination of these factors results in MEGAPOWER, performing to the highest physical and chemical levels.

MEGAPOWER belts perform especially well on light synchronised and stepped drives, in office automation and domestic appliance applications.

To meet the needs of industry, Megadyne introduces MEGAPOWER 2, a new generation of thermoset polyurethane timing belts.

Our unique new moulding process, combined with a high performance compound, ensures superior dynamic performance, more transmittable power and excellent dimensional stability.

This translates to an extra 30% of MEGAPOWER 2 performance.

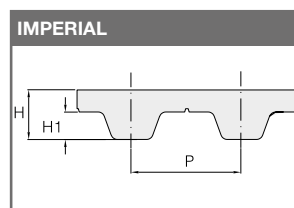
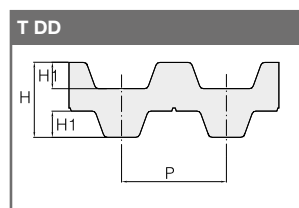
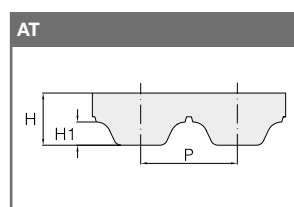
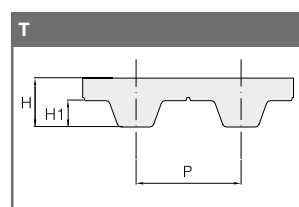
MECHANICAL FEATURES

- Consistent dimensional stability
- Low pre-tension
- Low noise
- High abrasion resistance
- Low maintenance
- High flexibility
- Linear speeds up to 30 m/sec

CHEMICAL FEATURES

- Good resistance to aging, hydrolisis, UVA rays, ozone
- Working temperature: -25°C to +80°C (up to +110°C for short periods)
- High resistance to oils, fats and greases
- Good resistance to most acids and Alkalis

STANDARD RANGE:



MEGAPOWER FC are the new belts from Megadyne for the food processing industry, made with food contact approved materials according to European regulations EU 1935/2004, EU 10/2011 and EU 174/2015.

Main features:

- Resistance to most cleaning chemicals and humid, wet environments
- High acceleration, synchronizing and multi stop/start
- Easier belt wash-down
- Working temperature -25°C/+80°C



TIMING BELTS



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T2.5	
STD. WIDTH (mm)	
4/6/8/10/12	

T2.5	
CODE	PITCH LENGTH (mm)
120	120
145	145
160	160
177,5	177,5
180	180
182,5	182,5
200	200
210	210
230	230
245	245
265	265
277,5	277,5
285	285
290	290
305	305
317,5	317,5
330	330
342,5	342,5
380	380
395	395
420	420
480	480
500	500
540	540
600	600
620	620
650	650
680	680
700	700
780	780
880	880
915	915
950	950
1185	1185
P	2,5
H	1,3
H₁	0,7

T5	
STD. WIDTH (mm)	
6/8/10/12/16/20/25	

T5	
CODE	PITCH LENGTH (mm)
120	120
150	150
165	165
180	180
185	185
200	200
210	210
215	215
220	220
225	225
245	245
250	250
255	255
260	260
270	270
275	275
280	280
295	295
300	300
305	305
330	330
340	340
350	350
355	355
365	365
375	375
390	390
395	395
400	400
410	410
420	420
425	425
440	440
445	445
450	450
455	455
460	460
475	475
480	480
500	500
510	510
515	515
515*	515*
525*	525*
545	545
550	550
560	560
560*	560*
575	575
590	590
600	600
610	610
620	620
630	630
640	640
650	650
660	660

675	675
690	690
700	700
720	720
725	725
750	750
765	765
780	780
800	800
815	815
830	830
840	840
850	850
860	860
885	885
900	900
920	920
940	940
990	990
1000	1000
1075	1075
1100	1100
1160	1160
1200	1200
1215	1215
1275	1275
1280	1280
1315	1315
1355	1355
1380	1380
1440	1440
1470	1470
1500	1500
1580	1580
1955	1955
P	5
H	2,2
H₁	1,2

T10	
STD. WIDTH (mm)	
10/12/16/20/25/32/50/75	

T10	
CODE	PITCH LENGTH (mm)
260	260
320	320
340	340
370	370
390	390
400	400
410	410
440	440
450	450
480	480
500	500
530	530
550	550
560	560
600	600
600*	600*
610	610

630	630
630*	630*
650	650
660	660
680	680
690	690
700	700
720	720
720*	720*
730	730
750	750
780	780
800*	800*
810	810
840	840
850	850
880	880
890	890
900	900
910	910
920	920
920*	920*
950	950
960	960
970	970
980	980
1000	1000
1010	1010
1050	1050
1080	1080
1100	1100
1110	1110
1140	1140
1150	1150
1200	1200
1210	1210
1240	1240
1250	1250
1300	1300
1320	1320
1350	1350
1390	1390
1400	1400
1420	1420
1440	1440
1450	1450
1460	1460
1500	1500
1560	1560
1600	1600
1610	1610
1700	1700
1750	1750
1780	1780
1800	1800
1880	1880
1960	1960
2250	2250
P	10
H	4,5
H₁	2,5

T5 DD	
STD. WIDTH (mm)	
6/8/10/12/16/20/25	

T5 DD	
CODE	PITCH LENGTH (mm)
410 DD	410
460 DD	460
515 DD	515
525 DD	525
550 DD	550
590 DD	590
620 DD	620
650 DD	650
685 DD	685
700 DD	700
750 DD	750
815 DD	815
840 DD	840
860 DD	860
940 DD	940
1100 DD	1100
P	5
H	3,40
H₁	1,2

T10 DD	
STD. WIDTH (mm)	
10/12/16/20/25/32/50/75	

T10 DD	
CODE	PITCH LENGTH (mm)
260 DD	260
530 DD	530
660 DD	660
700 DD	700
720 DD	720
800 DD	800
840 DD	840
900 DD	900
920 DD	920
980 DD	980
1010 DD	1010
1080 DD	1080
1100 DD	1100
1150 DD	1150
1210 DD	1210
1240 DD	1240
1250 DD	1250
1320 DD	1320
1350 DD	1350
1420 DD	1420
1500 DD	1500
1610 DD	1610
1800 DD	1800
1880 DD	1880
P	10
H	7
H₁	2,5

* without gap

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AT5		AT10		MXL		XL		L	
STD. WIDTH (mm)		STD. WIDTH (mm)		STD. WIDTH (mm)		STD. WIDTH (mm)		STD. WIDTH (mm)	
6/8/10/12/16/20/25		10/12/16/20/25/32/50/75		3,2/4,8/6,4		6,4/7,9/9,4		12,7/19,1/25,4	
AT5		AT10		MXL		XL		L	
CODE	PITCH LENGTH (mm)	CODE	PITCH LENGTH (mm)	CODE	PITCH LENGTH (mm)	CODE	PITCH LENGTH (mm)	CODE	PITCH LENGTH (mm)
225	225	370	370	45,6	115,8	60	152,4	86	218,6
255	255	500	500	48	121,9	70	177,8	124	314,3
275	275	560	560	57,6	146,3	76	193,0	150	381,0
280	280	580	580	60	152,4	80	203,2	173	438,2
300	300	600	600	60,8	154,4	90	228,6	187	476,2
330	330	610	610	63,2	160,5	100	254,0	202	514,4
340	340	630	630	64	162,5	110	279,4	210	533,4
375	375	660	660	65,6	166,6	120	304,8	225	571,5
390	390	700	700	70,4	178,8	130	330,2	240	609,6
420	420	730	730	72,8	184,9	134	340,3	255	647,7
450	450	780	780	73,6	186,9	140	355,6	270	685,8
455	455	800	800	76,8	195,1	150	381,0	285	723,9
480	480	810	810	80,8	205,2	160	406,4	300	762,0
500	500	840	840	81,6	207,2	170	431,8	322	819,2
525	525	880	880	82,4	209,2	180	457,2	345	876,3
545	545	890	890	84	213,3	190	482,6	367	933,4
600	600	920	920	88	223,5	194	492,7	390	990,6
610	610	960	960	91,2	231,6	200	508,0	420	1066,8
620	620	980	980	94,4	239,7	210	533,4	450	1143,0
630	630	1000	1000	96	243,8	220	558,8	480	1219,2
660	660	1010	1010	104	264,1	230	584,2	510	1295,4
670	670	1050	1050	105,6	268,2	240	609,6	540	1371,6
710	710	1080	1080	108	274,3	250	635,0	570	1447,8
720	720	1100	1100	112	284,4	260	660,4	600	1524,0
750	750	1150	1150	116	294,6	270	685,8	P	9,525
780	780	1190	1190	120	304,8	288	731,5	H	3,6
825	825	1200	1200	124	314,9	290	736,6	H ₁	1,9
860	860	1210	1210	140	355,6	300	762,0	H	
975	975	1220	1220	152	386,1	356	904,2	STD. WIDTH (mm)	
1050	1050	1230	1230	160	406,4	414	1051,5	19,1/25,4/38,1/50,8/76,2	
1125	1125	1240	1240	176,8	449,1	450	1143,0	H	
1500	1500	1250	1250	204,8	520,1	566	1437,6	CODE	
2000	2000	1280	1280	224	568,9	P	5,08	PITCH LENGTH (mm)	
P	5	1300	1300	228	579,1	H	2,3	230	584,2
H	2,7	1320	1320	246,4	625,8	H ₁	1,27	240	609,6
H ₁	1,2	1350	1350	252	640,0			270	685,8
		1360	1360	260	660,4			300	762,0
		1400	1400	265,6	674,6			330	838,2
		1420	1420	281,6	715,2			360	914,4
		1480	1480	288	731,5			390	990,6
		1500	1500	316	802,6			420	1066,8
		1600	1600	329,6	837,1			450	1143,0
		1630	1630	345,6	877,8			480	1219,2
		1700	1700	363,2	922,5			510	1295,4
		1720	1720	388	985,5			P	12,7
		1800	1800	P	2,032			H	4,3
		1860	1860	H	1,2			H ₁	2,29
		1940	1940	H ₁	0,51				
		P	10						
		H	4,8						
		H ₁	2,5						