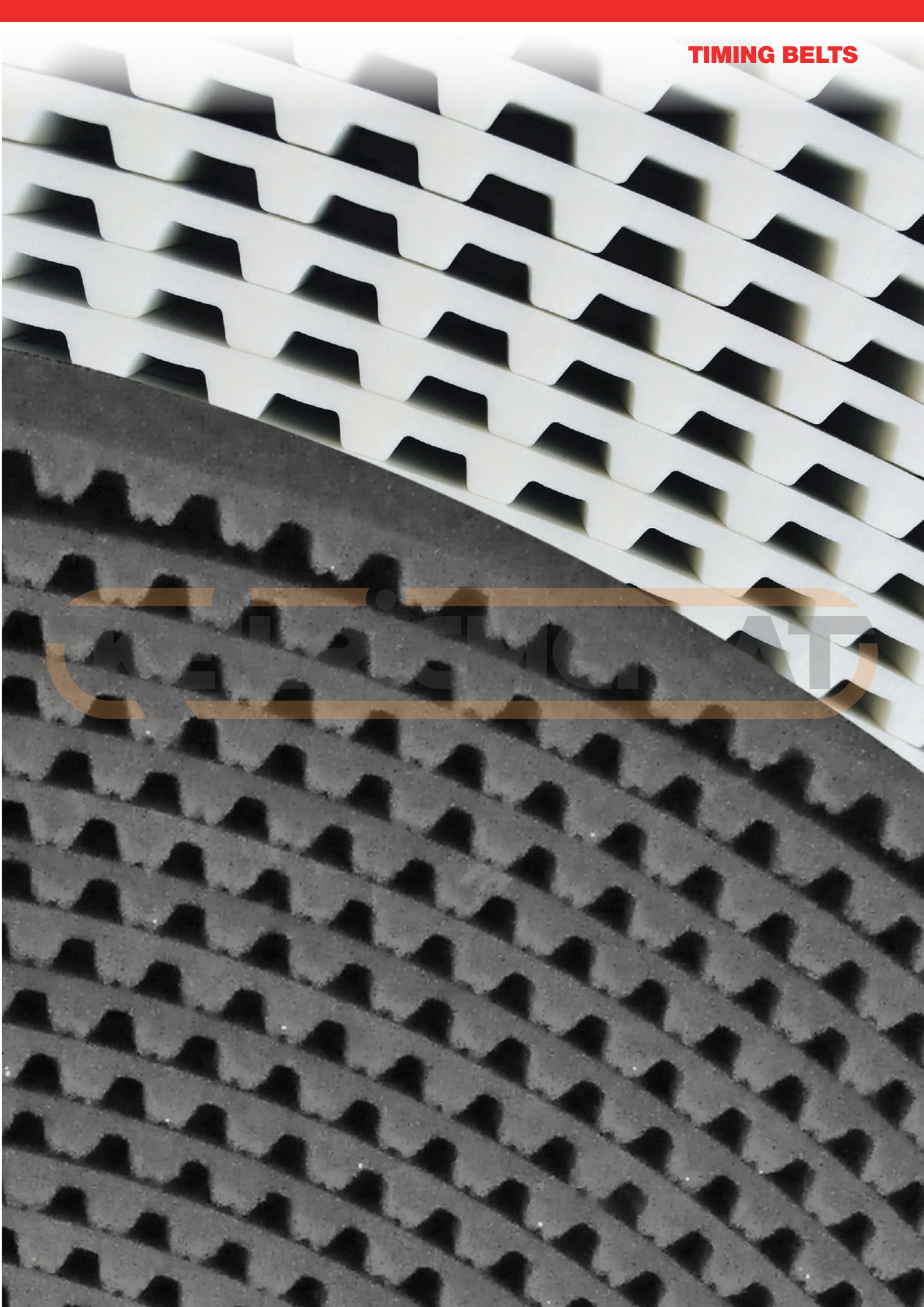
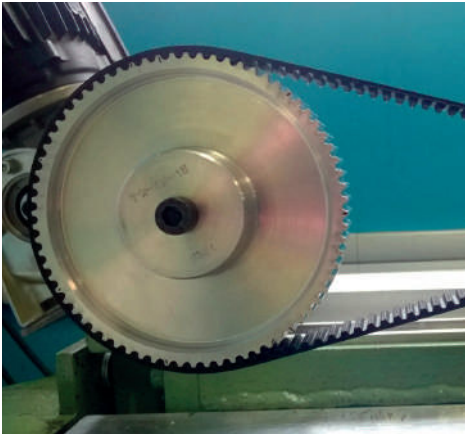


TIMING BELTS



ISORAN

Rubber endless timing belts



MEGADYNE RUBBER timing belts are available with single or double sided teeth, in imperial and RPP profiles. They are manufactured using the most advanced technology available.

ISORAN IMPERIAL SYNCHRONOUS MXL XL L H XH XXH

- Trapezoidal tooth profile
- Polychloroprene teeth for accurate meshing
- Fiberglass reinforcement for minimal elongation
- Nylon fabric protecting tooth surface

ISORAN STD, HTB

- Curvilinear tooth profile
- Same properties of RPP belts

ISORAN RPP3 RPP5 RPP8 RPP14

- RPP parabolic tooth profile gives graduated pressure increase over tooth height
- Chloroprene rubber for wear resistance and increased service life
- Fiberglass reinforcement for minimal elongation and high flexibility
- Nylon fabric protecting tooth surface, with self lubrication

RPP SILVER, RPP SILVER2 and **RPP GOLD** are constructed with the highest quality materials. That guarantee following advantages:

- Upgrade the existing transmission without changing the pulleys
- Perfect interchangeability with parabolic and deep pulley profile
- Antistatic Properties conforming to the ISO 9563 (for Silver 5M only on request)
- Drive energy efficiency up to 98%
- Excellent for backside idlers
- Higher tooth jump resistance and increased resistance to tooth shear
- Quiet, maintenance-free operation



ISORAN PLATINUM is a rubber based timing belt, which solves the problems related to steel and aramide cords, thanks to the development and usage of its innovative "Dual Core" hybrid cord technology. PLATINUM reaches the highest level of performances incorporating this cord in a new rubber matrix and covering the teeth with a special and unique heavy fabric.

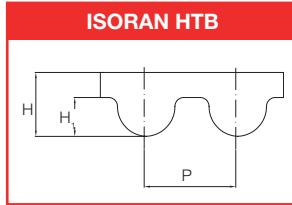
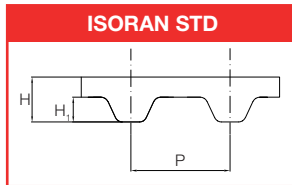
Thanks to the innovative materials used, PLATINUM:

- Increased basic power capacity by up to 40% compared to the current RPP GOLD;
- Use of existing RPP pulleys, maintaining a full functional interchange with other deep pulley profile systems, like HTD profile, etc.
- Allows existing drives to be upgraded without the necessity to replace the pulleys, just the belt itself.
- Reduction of noise by reduced belt widths due to the higher performance rating of the system. Under the same transmission conditions, PLATINUM has the same noise level of RPP GOLD;
- Low noise characteristics compared to drive systems using polyurethane, steel etc. due to the rubber matrix and its teeth with the parabolic profile shape, recognized as the quietest system on the market
- A wide, continuous range of possible operating temperature, like no other system, which makes PLATINUM the only solution for extreme working conditions.



ISORAN

Rubber endless timing belts



STD8		HTB 3M		HTB 5M		HTB 8M		HTB 14M	
Code	Pitch length (mm)	Code	Pitch length (mm)	Code	Pitch length (mm)	Code	Pitch length (mm)	Code	Pitch length (mm)
656 STD8	656	171 HTB 3M	171	215 HTB 5M	215	288 HTB 8M	288	966 HTB 14M	966
800 STD8	800	174 HTB 3M	174	240 HTB 5M	240	480 HTB 8M	480	1064 HTB 14M	1064
840 STD8	840	177 HTB 3M	177	270 HTB 5M	270	536 HTB 8M	536	1190 HTB 14M	1190
848 STD8	848	216 HTB 3M	216	320 HTB 5M	320	560 HTB 8M	560	1344 HTB 14M	1344
880 STD8	880	225 HTB 3M	225	340 HTB 5M	340	600 HTB 8M	600	1400 HTB 14M	1400
896 STD8	896	246 HTB 3M	246	350 HTB 5M	350	616 HTB 8M	616	1456 HTB 14M	1456
936 STD8	936	255 HTB 3M	255	355 HTB 5M	355	632 HTB 8M	632	1512 HTB 14M	1512
1000 STD8	1000	264 HTB 3M	264	375 HTB 5M	375	640 HTB 8M	640	1540 HTB 14M	1540
1056 STD8	1056	276 HTB 3M	276	385 HTB 5M	385	656 HTB 8M	656	1610 HTB 14M	1610
1096 STD8	1096	285 HTB 3M	285	400 HTB 5M	400	720 HTB 8M	720	1764 HTB 14M	1764
1104 STD8	1104	300 HTB 3M	300	420 HTB 5M	420	760 HTB 8M	760	1778 HTB 14M	1778
1120 STD8	1120	306 HTB 3M	306	450 HTB 5M	450	800 HTB 8M	800	1890 HTB 14M	1890
1152 STD8	1152	312 HTB 3M	312	475 HTB 5M	475	840 HTB 8M	840	2100 HTB 14M	2100
1160 STD8	1160	318 HTB 3M	318	500 HTB 5M	500	856 HTB 8M	856	2310 HTB 14M	2310
1168 STD8	1168	336 HTB 3M	336	520 HTB 5M	520	880 HTB 8M	880	2450 HTB 14M	2450
1184 STD8	1184	375 HTB 3M	375	525 HTB 5M	525	912 HTB 8M	912	2590 HTB 14M	2590
1200 STD8	1200	420 HTB 3M	420	535 HTB 5M	535	920 HTB 8M	920	2800 HTB 14M	2800
1216 STD8	1216	447 HTB 3M	447	540 HTB 5M	540	960 HTB 8M	960	3150 HTB 14M	3150
1248 STD8	1248	483 HTB 3M	483	550 HTB 5M	550	1000 HTB 8M	1000	3360 HTB 14M	3360
1256 STD8	1256	501 HTB 3M	501	560 HTB 5M	560	1040 HTB 8M	1040	3500 HTB 14M	3500
1304 STD8	1304	537 HTB 3M	537	575 HTB 5M	575	1080 HTB 8M	1080	3850 HTB 14M	3850
1320 STD8	1320	558 HTB 3M	558	615 HTB 5M	615	1120 HTB 8M	1120	4326 HTB 14M	4326
1328 STD8	1328	564 HTB 3M	564	630 HTB 5M	630	1152 HTB 8M	1152	4578 HTB 14M	4578
1344 STD8	1344	585 HTB 3M	585	635 HTB 5M	635	1200 HTB 8M	1200		
1352 STD8	1352	633 HTB 3M	633	645 HTB 5M	645	1224 HTB 8M	1224		
1360 STD8	1360	1002 HTB 3M	1002	655 HTB 5M	655	1256 HTB 8M	1256		
1384 STD8	1384			670 HTB 5M	670	1280 HTB 8M	1280		
1400 STD8	1400			710 HTB 5M	710	1304 HTB 8M	1304		
1408 STD8	1408			740 HTB 5M	740	1360 HTB 8M	1360		
1440 STD8	1440			750 HTB 5M	750	1400 HTB 8M	1400		
1552 STD8	1552			770 HTB 5M	770	1440 HTB 8M	1440		
1728 STD8	1728			800 HTB 5M	800	1552 HTB 8M	1552		
1800 STD8	1800			825 HTB 5M	825	1600 HTB 8M	1600		
1912 STD8	1912			835 HTB 5M	835	1760 HTB 8M	1760		
2304 STD8	2304			850 HTB 5M	850	1800 HTB 8M	1800		
				890 HTB 5M	890	2000 HTB 8M	2000		
				900 HTB 5M	900	2032 HTB 8M	2032		
				925 HTB 5M	925	2104 HTB 8M	2104		
				950 HTB 5M	950	2240 HTB 8M	2240		
				965 HTB 5M	965	2400 HTB 8M	2400		
				980 HTB 5M	980	2600 HTB 8M	2600		
				1000 HTB 5M	1000	2800 HTB 8M	2800		
				1050 HTB 5M	1050	4400 HTB 8M	4400		
				1145 HTB 5M	1145				
				1160 HTB 5M	1160				
				1225 HTB 5M	1225				
				1250 HTB 5M	1250				
				1270 HTB 5M	1270				
				1350 HTB 5M	1350				
				1400 HTB 5M	1400				
				1420 HTB 5M	1420				
				1500 HTB 5M	1500				
				1595 HTB 5M	1595				
				2000 HTB 5M	2000				
				2100 HTB 5M	2100				

P	8
H ₁	3,05
H	5,4

P	3
H ₁	1,13
H	2,2

P	14
H ₁	6,1
H	10

P	8
H ₁	3,4
H	5,6

P	5
H ₁	2,1
H	3,6



ISORAN OPEN-END
Rubber timing belt rolls



ISORAN RUBBER OPEN-END Timing belt



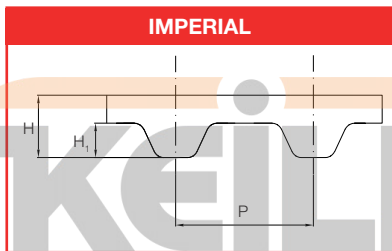
ISORAN RUBBER OPEN-END SYNCHRONOUS BELTS

Specially suitable for linear drives, accurate positioning and reversal drives.

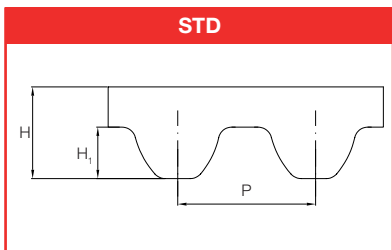
A high load capacity, no maintenance cost and very low noise level, make this belt a perfect alternative to chain or cable reverse drives.

Megadyne Open-end rubber belts, produced both in straight and spiral cut, are available in the following profiles, pitches and constructions:

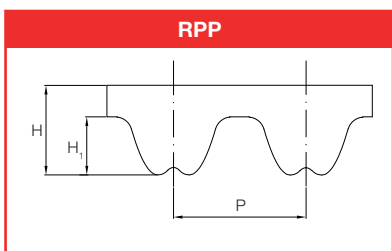
- ISORAN MXL; XL; L; H
- ISORAN RPP RPP3; RPP5; RPP8
- ISORAN RPP SILVER SLV5; SLV8
- ISORAN RPP STEEL RPP8; RPP14
- STD STD8



IMPERIAL		MXL	XL	L	H
		Std. width (inches)	Std. width (inches)	Std. width (inches)	Std. width (inches)
		0,25	0,25	0,50	0,50
		0,31	0,31	0,75	0,75
		0,37	0,37	1,00	1,00
					1,50
					2,00
					3,00
P	2,032	P	5,08	P	9,525
H	1,14	H	2,4	H	3,8
H ₁	0,51	H ₁	1,27	H ₁	1,91
					2,29



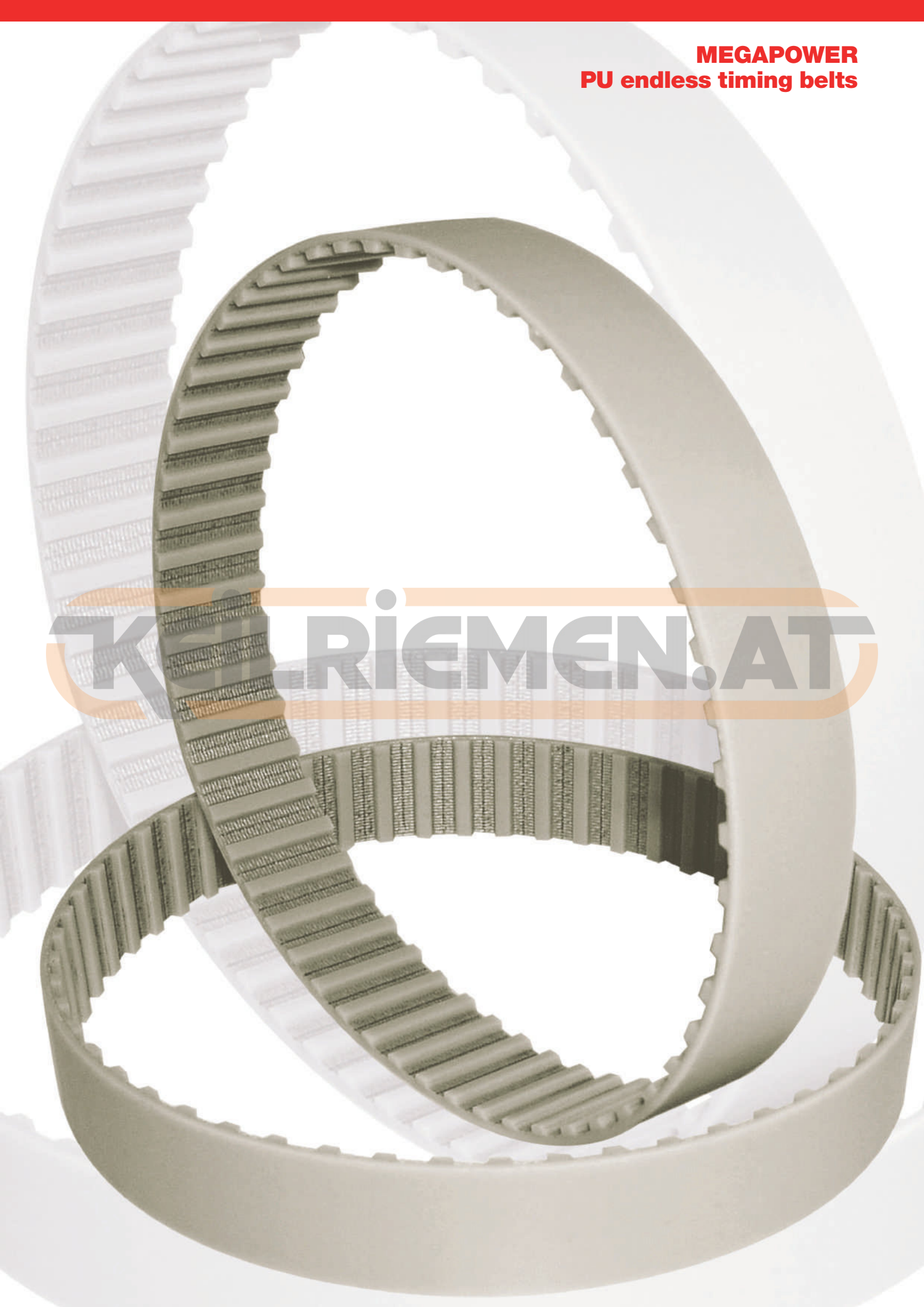
STD		STD8	RPP3	RPP5	RPP8
		Std. width (mm)	Std. width (mm)	Std. width (mm)	Std. width (mm)
		10	9	9	10
		12	12	12	15
		15	15	15	20
		20		20	25
		25		25	30
				30	50
					85
P	8	P	3	P	5
H	5,4	H	2,4	H	3,8
H ₁	3,05	H ₁	1,15	H ₁	2
					8
					5,4
					3,2



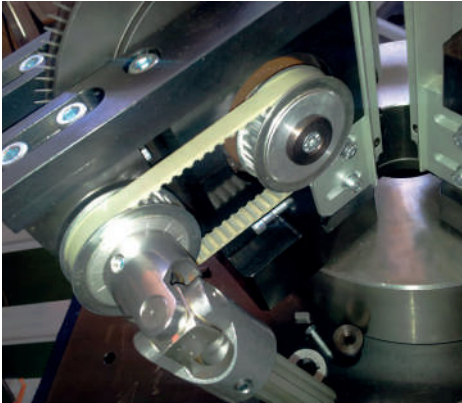
RPP		RPP STEEL 8	RPP STEEL 14	SLV5	SLV8
		Std. width (mm)	Std. width (mm)	Std. width (mm)	Std. width (mm)
		10	25	15	10
		15	40	25	15
		20	55		20
		30	85		25
		50			
P	8	P	14	P	5
H	5,45	H	9,65	H	3,8
H ₁	3,2	H ₁	6,3	H ₁	2
					8
					5,4
					3,2

MEGAPOWER
PU endless timing belts

KRIEMEN.AT



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 **MEGAPOWER2**, 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 Megapower2 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

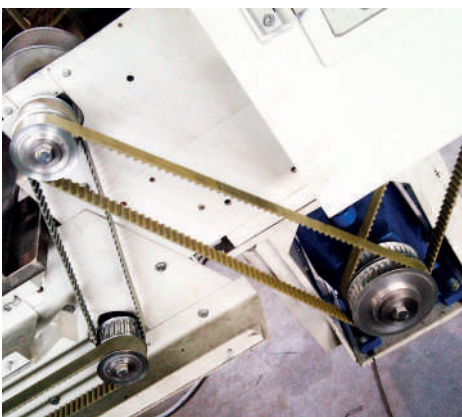
- Good resistance to aging, hydrolysis, UVA rays, ozone
- Working temperature: -25 °C to +80 °C (up to +110 °C for short periods)
- High resistance to oils, fats and greases
- Good resistance to most acids and Alkalis



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



Standard range:

MEGAPOWER	T2; T2,5; T2,5 DD; MXL; XL; L; H
MEGAPOWER2	T5; T10; T5 DD; T10 DD; AT5; AT10
MEGAPOWER FC	L; H; T5; T10; T5 DD; T10 DD; AT10

MEGAPOWER PU endless timing belts

T2	
Std. width (mm)	
4/6/8/10/12	

T2	
Code	Pitch length (mm)
180	180
200	200
P	2
H	1,1
H _i	0,5

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
H _i	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
1690	1690
1955	1955
P	5
H	2,2
H _i	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
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
H _i	2,5

T2.5 DD	
Std. width (mm)	
4/6/8/10/12	

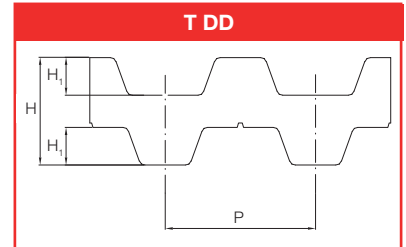
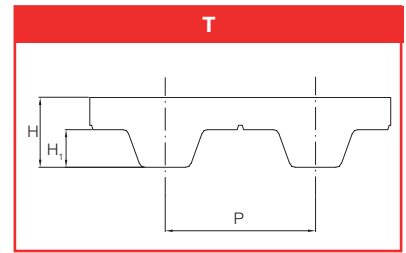
T2.5 DD	
Code	Pitch length (mm)
457,5 DD	457,5
P	2,5
H	1,9
H _i	0,7

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
H _i	1,2

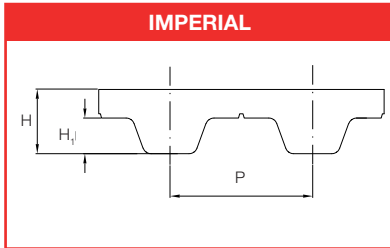
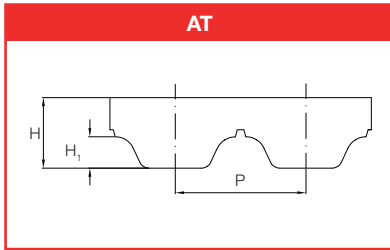
T10 DD	
Std. width (mm)	
10/12/16/20/25/32/50/75	

T10 DD	
Code	Pitch length (mm)
260 DD	260
530 DD	530
630 DD	630
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
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
H _i	2,5



* Without gap

MEGAPOWER PU endless timing belts



AT5	
Std. width (mm)	
6/8/10/12/16/20/25	

AT5	
Code	Pitch length (mm)
225	225
255	255
275	275
280	280
300	300
330	330
340	340
375	375
390	390
420	420
450	450
455	455
480	480
500	500
525	525
545	545
600	600
610	610
620	620
630	630
660	660
670	670
710	710
720	720
750	750
780	780
825	825
860	860
975	975
1050	1050
1125	1125
1500	1500
2000	2000

P	5
H	2,7
H ₁	1,2

AT10	
Std. width (mm)	
10/12/16/20/25/32/50/75	

AT10	
Code	Pitch length (mm)
370	370
500	500
560	560
580	580
600	600
610	610
630	630
660	660
700	700
730	730
780	780
800	800
810	810
840	840
880	880
890	890
920	920
960	960
980	980
1000	1000
1010	1010
1050	1050
1080	1080
1100	1100
1150	1150
1190	1190
1200	1200
1210	1210
1220	1220
1230	1230
1240	1240
1250	1250
1280	1280
1300	1300
1320	1320
1350	1350
1360	1360
1400	1400
1420	1420
1480	1480
1500	1500
1600	1600
1630	1630
1700	1700
1720	1720
1800	1800
1860	1860
1940	1940

P	10
H	4,8
H ₁	2,5

MXL	
Std. width (mm)	
3,2/4,8/6,4	

MXL	
Code	Pitch length (mm)
44	111,7
45,6	115,8
48	121,9
56	142,2
57,6	146,3
60	152,4
60,8	154,4
63,2	160,5
64	162,5
65,6	166,6
70,4	178,8
72,8	184,9
73,6	186,9
76,8	195,1
78,4	199,1
80,8	205,2
81,6	207,2
82,4	209,2
84	213,3
88	223,5
91,2	231,6
94,4	239,7
96	243,8
97,6	247,9
104	264,1
105,6	268,2
108	274,3
112	284,4
116	294,6
120	304,8
124	314,9
140	355,6
152	386,1

P	5,08
H	2,3
H ₁	1,27

160	406,4
176,8	449,1
204,8	520,1
224	568,9
228	579,1
246,4	625,8
252	640,0
260	660,4
265,6	674,6
281,6	715,2
288	731,5
316	802,6
324	822,9
329,6	837,1
345,6	877,8
363,2	922,5
388	985,5

P	2,032
H	1,2
H ₁	0,51

XL	
Std. width (mm)	
6,4/7,9/9,4	

XL	
Code	Pitch length (mm)
60	152,4
70	177,8
76	193,0
80	203,2
90	228,6
100	254,0
110	279,4
120	304,8
130	330,2
134	340,3
140	355,6
150	381,0
160	406,4
170	431,8
180	457,2
190	482,6
194	492,7
200	508,0
210	533,4
220	558,8
230	584,2
240	609,6
250	635,0
260	660,4
270	685,8
288	731,5
290	736,6
300	762,0
356	904,2
414	1051,5
450	1143,0
566	1437,6

P	5,08
H	2,3
H ₁	1,27

600	1524,0
P	9,525
H	3,6
H ₁	1,9

L	
Std. width (mm)	
12,7/19,1/25,4	

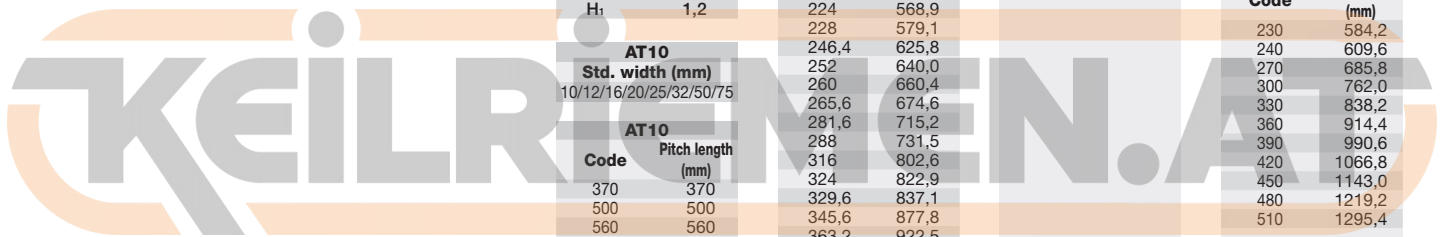
L	
Code	Pitch length (mm)
86	218,6
124	314,3
150	381,0
173	438,2
187	476,2
202	514,4
210	533,4
225	571,5
240	609,6
255	647,7
270	685,8
285	723,9
300	762,0
322	819,2
345	876,3
367	933,4
390	990,6
420	1066,8
450	1143,0
480	1219,2
510	1295,4
540	1371,6
570	1447,8
600	1524,0

P	9,525
H	3,6
H ₁	1,9

H	
Std. width (mm)	
19,1/25,4/38,1/50,8/76,2	

H	
Code	Pitch length (mm)
230	584,2
240	609,6
270	685,8
300	762,0
330	838,2
360	914,4
390	990,6
420	1066,8
450	1143,0
480	1219,2
510	1295,4

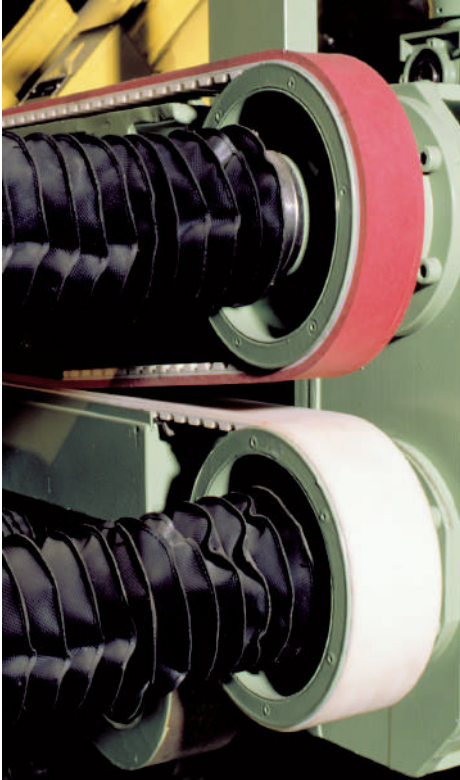
P	12,7
H	4,3
H ₁	2,29



MEGAFLEX
PU truly endless timing belts

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MEGAFLEX PU truly endless timing belts



MEGAFLEX timing belts are manufactured in thermoplastic polyurethane, with continuous spiral steel cords.

This type of belt, developed by our Research & Development, offers good running characteristics and high traction loads.

They are especially suited for power transmission and conveying with high loads and high speeds (up to 10.000 RPM).

The addition of a nylon coating on the teeth during production enhances the running properties for specific applications and reduces the noise frictional coefficient.

An extra thickness of special coating is also possible on the back of the belt offering extra protection against aggressive or heavy products.

MEGAFLEX belts are truly endless, enabling them to deliver exceptional performance.

Megadyne **MEGAFLEX** timing belts are available from 1.500 Up to 22.770 mm length.

On customer request and with minimum quantity, **MEGAFLEX** belt can be produced with different hardness or special compounds:

- 90ShA food quality polyurethane for contact with
- 92ShA silicon free for painting system food and medical products
- 95ShA glass reinforced
- PU blue FCM certified for contact with food
- 98ShA extra hard polyurethane
- PU dark blue XMD (Metal and X-RAY detectable)
- 92ShA higher resistance to temperature



MEGAFLEX Special constructions

- High flex cords
- (NFT) nylon fabric on the teeth (available from 1.900 mm length)
- Custom milling, grinding and drilling to specification
- Additional continuous coatings on the back of the belt in:
 - PU 85° ShA
 - Tenax 50° ShA
 - Linatex 40° ShA
 - Yellow PUR 60° ShA
 - Grey PUR 60° ShA
 - Neoprene rubber 70° ShA

Other hardnesses available on request.



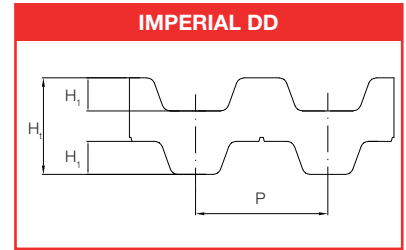
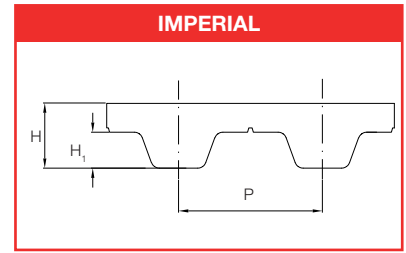
MEGAFLEX PU truly endless timing belts

XL/XLDD	
Std. width (mm)	
12,7	
19,05	
25,4	
38,1	
50,8	
76,2	
101,6	
152,4	
P	5,08
H	2,3
H _i	1,27
H _t	3,05

L/LDD	
Std. width (mm)	
12,7	
19,05	
25,4	
38,1	
50,8	
76,2	
101,6	
152,4	
P	9,525
H	3,6
H _i	1,9
H _t	4,58

H/HDD	
Std. width (mm)	
12,7	
19,05	
25,4	
38,1	
50,8	
76,2	
101,6	
152,4	
P	12,7
H	4,3
H _i	2,29
H _t	5,95

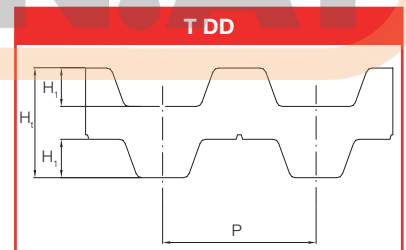
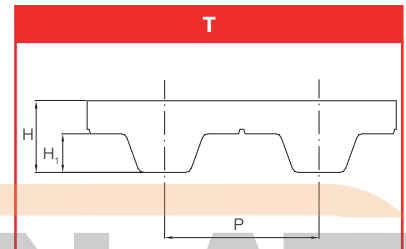
XH/XHDD	
Std. width (mm)	
25,4	
38,1	
50,8	
76,2	
101,6	
152,4	
P	22,225
H	11,2
H _i	6,35
H _t	15,49



T5/T5DD	
Std. width (mm)	
10	
16	
25	
32	
50	
75	
100	
150	
P	5
H	2,2
H _i	1,2
H _t	3,4

T10/T10DD	
Std. width (mm)	
12	
16	
25	
32	
50	
75	
100	
150	
P	10
H	4,5
H _i	2,5
H _t	7

T20/T20DD	
Std. width (mm)	
25	
32	
50	
75	
100	
150	
P	20
H	8
H _i	5
H _t	13

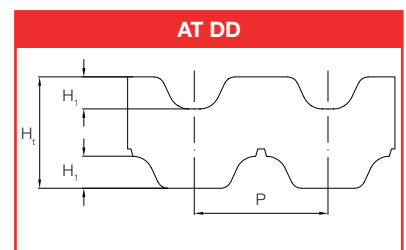
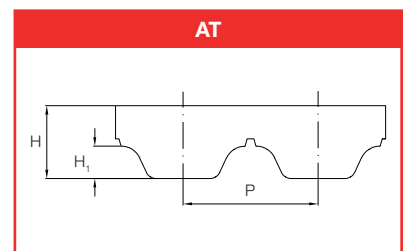


AT5/AT5DD	
Std. width (mm)	
10	
16	
25	
32	
50	
75	
100	
150	
P	5
H	2,7
H _i	1,2
H _t	3,9

AT10/AT10DD	
Std. width (mm)	
12	
16	
25	
32	
50	
75	
100	
150	
P	10
H	4,5
H _i	2,5
H _t	7

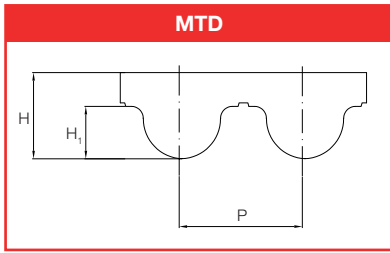
AT15	
Std. width (mm)	
32	
50	
75	
100	
150	
P	15
H	6,3
H _i	3,8

AT20/AT20DD	
Std. width (mm)	
25	
32	
50	
75	
100	
150	
P	20
H	8
H _i	5
H _t	13



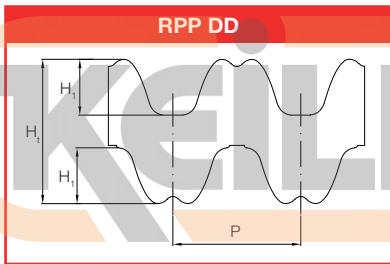
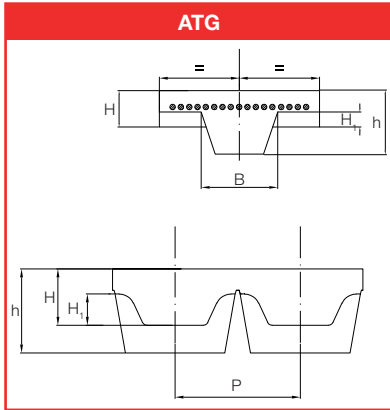
MEGAFLEX

PU truly endless timing belts



MTD 8M	
Std. width (mm)	
	15
	20
	30
	50
	85
	100
	150
P	8
H	5,6
H ₁	3,4

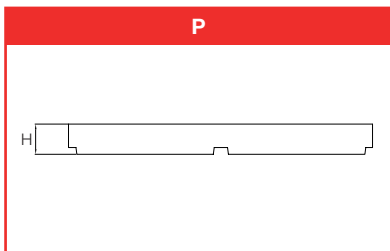
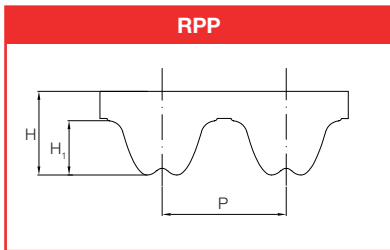
ATG10 K13	
Std. width (mm)	
	25
	32
	50
	75
	100
	150
P	10
H	4,5
H ₁	2,5
B	13
h	9



RPP5/RPP5DD	
Std. width (mm)	
	10
	15
	25
	30
	50
	85
	100
	150
P	5
H	3,8
H ₁	2
H _t	5,2

RPP8/RPP8DD	
Std. width (mm)	
	15
	20
	30
	50
	85
	100
	150
P	8
H	5,4
H ₁	3,2
H _t	7,8

RPP14/RPP14DD	
Std. width (mm)	
	25
	40
	55
	85
	115
	150
P	14
H	10
H ₁	6
H _t	14,5



P2	
Std. width (mm)	
	25
	50
	75
	100
	150
P	2

MEGALINEAR
PU open-end timing belts

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MEGALINEAR PU open-end timing belts



MEGALINEAR open end timing belts are manufactured in thermoplastic polyurethane, that gives superior wear and abrasion resistance.

Various grades of steel cords offer good running characteristics, even with high tractive loads. Manufactured to tight tolerances, **MEGALINEAR** delivers reliability and excellent dimensional stability. The addition of a Nylon coating on the tooth and/or the back of the belt during production, enhances the running properties for specific applications. An extra thickness of polyurethane is also possible on the back of the belt, offering extra protection against aggressive or heavy products.

MEGALINEAR can be supplied as open length rolls, (standard roll length is 100 metres) or as endless jointed belts, available in a wide range of solutions with numerous tooth design: Imperial profile, metric profile with or without guide, parabolic profile, flat...

MEGALINEAR is also available with alternative reinforcement cords such as, Kevlar (K), High Flex (HF), High Performance (HP) and High Performance Flex (HPF).

MEGALINEAR offers the following features:

MECHANICAL features

- Consistent dimensional stability
- Low pre-tension
- Low noise
- High abrasion resistance
- Low maintenance
- High flexibility
- Linear speeds up to 80 m/sec
- High precision linear positioning

CHEMICAL features

- Good resistance to Aging,
- Hydrolysis,
- 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
- Compatible for fabrication with other thermoplastic materials



Megadyne has expanded its range of Megalinear with the new belts: Megalinear QST, Megalinear GW and Megalinear FC - FCM - XMD.

Specifically designed to reduce the noise level generated during high speed operation, the **MEGALINEAR QST** is completely self-tracking, there is no need for flanges on the pulleys. The nylon faced helical offset teeth provide a high torque capacity.

For heavy applications, Megadyne introduce the **MEGALINEAR GW**, a high performance thermoplastic Polyurethane belt, that guarantees a greater transmittable power under continuous high loads.

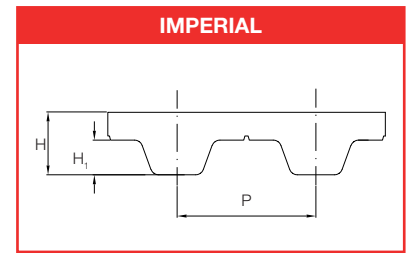
MEGALINEAR FC AND FCM belts match the power and precision for synchronous conveying meeting the criteria where food contact is required. These belts guarantee zero risk of slippage, even in greasy and humid environment, and zero risk of fraying and detaching of back profile.

Both **MEGALINEAR FC AND FCM** can be made with a special Metal and X-Ray detectable compound. **MEGALINEAR XMD** decreases the risk of contamination from belt fragments protecting Consumer Safety.

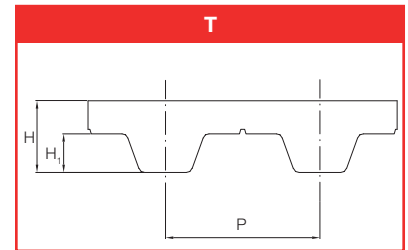


MEGALINEAR PU open-end timing belts

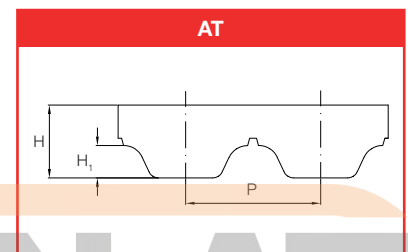
MXL		XL		L	
Std. width (inches)		Std. width (inches)		Std. width (inches)	
	0,17		0,25		0,37
	0,37		0,37		0,50
	0,50		0,50		0,75
			0,75		1,00
			1,00		1,50
			1,50		2,00
			2,00		4,00
P	2,032	P	5,08	P	9,525
H	1,14	H	2,3	H	3,6
H _i	0,66	H _i	1,27	H _i	1,90



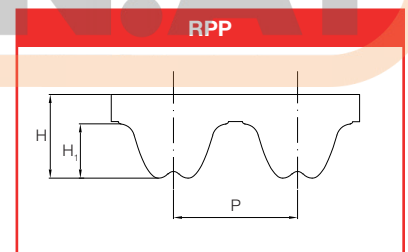
H		H*		XH	
Std. width (inches)		Std. width (inches)		Std. width (inches)	
	0,50		8,00		1,00
	0,75		10,00		1,50
	1,00		12,00		2,00
	1,50		16,00		3,00
	2,00		20,00		4,00
	3,00				6,00
	4,00				
	6,00				
P	12,7	P	12,7	P	22,225
H	4,3	H	4,3	H	11,2
H _i	2,29	H _i	2,29	H _i	6,35



T2.5		T5		T5*		T10	
Std. width (mm)		Std. width (mm)		Std. width (mm)		Std. width (mm)	
	10		6		250		12
	16		10		500		16
	20		16				25
			25				32
			32				50
			50				75
			75				100
			100				150
			150				
P	2,5	P	5	P	5	P	10
H	1,3	H	2,2	H	2,20	H	4,5
H _i	0,7	H _i	1,2	H _i	1,2	H _i	2,5



T10*		T10 without gap		T20	
Std. width (mm)		Std. width (mm)		Std. width (mm)	
	200		16		25
	250		25		32
	300		32		50
	400		50		75
	450		75		100
	500				150
P	10	P	10	P	20
H	4,5	H	4,5	H	8
H _i	2,5	H _i	2,5	H _i	5



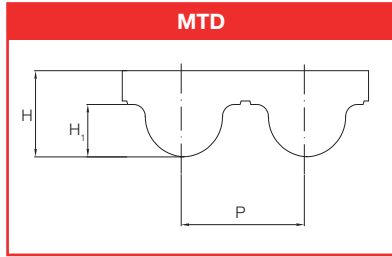
AT3		AT5		AT10		AT10 without gap		MEGAC4T™ AT10		AT20	
Std. width (mm)		Std. width (mm)		Std. width (mm)		Std. width (mm)		Std. width (mm)		Std. width (mm)	
	10		6		16		25		25		25
	20		10		25		32		50		32
	25		16		32		50		75		50
	50		25		50		75		100		75
			32		75		100				100
			50		100						150
			75		150						200
			100								
P	3	P	5	P	10	P	10	P	10	P	20
H	1,9	H	2,7	H	4,5	H	4,5	H	4,5	H	8
H _i	1,1	H _i	1,2	H _i	2,5	H _i	2,5	H _i	2,5	H _i	5

RPP5		RPP8		RPP14		RPP14 XHP	
Std. width (mm)		Std. width (mm)		Std. width (mm)		Std. width (mm)	
	10		10		40		40
	15		15		55		55
	25		20		85		85
	30		30		115		115
	50		50		150		150
	75		85				
			100				
P	5	P	8	P	14	P	14
H	3,8	H	5,4	H	10	H	10,2
H _i	2	H _i	3,2	H _i	6	H _i	6

* Only with kevlar cords and reduced number of cords

MEGALINEAR

PU open-end timing belts

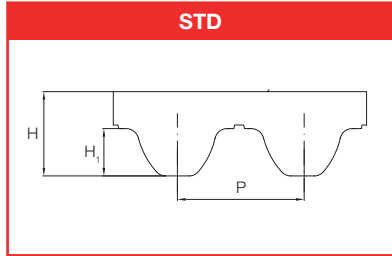


MTD 3	
Std. width (mm)	
10	
20	
25	
50	
P	3
H	2,2
H ₁	1,13

MTD 5	
Std. width (mm)	
10	
15	
25	
50	
P	5
H	3,6
H ₁	2,1

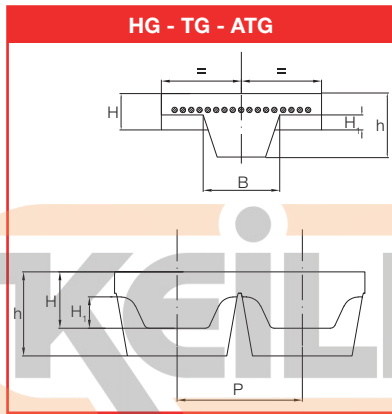
MTD 8	
Std. width (mm)	
10	
15	
20	
30	
50	
85	
100	
P	8
H	5,6
H ₁	3,4

MTD 14	
Std. width (mm)	
25	
40	
55	
85	
100	
115	
P	14
H	10
H ₁	6,1



STD 5	
Std. width (mm)	
10	
15	
25	
50	
75	
100	
150	
P	5
H	3,4
H ₁	1,91

STD 8	
Std. width (mm)	
10	
12	
15	
20	
30	
50	
85	
P	8
H	5,1
H ₁	3,05



TG5	
Std. width (mm)	
25	
32	
50	
P	5
H	2,2
H ₁	1,2
B	6
h	5

TG10 K6	
Std. width (mm)	
50	
P	10
H	4,5
H ₁	2,5
B	6
h	5,3

TG10 K13	
Std. width (mm)	
25	
32	
50	
75	
100	
P	10
H	4,5
H ₁	2,5
B	13
h	8,5

TG20	
Std. width (mm)	
50	
75	
100	
P	20
H	8
H ₁	5
B	13
h	8,5

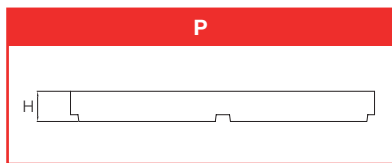
ATG5	
Std. width (mm)	
25	
32	
50	
P	5
H	2,7
H ₁	1,2
B	6
h	5,5

ATG10 K6	
Std. width (mm)	
50	
P	10
H	4,5
H ₁	2,5
B	6
h	5,3

ATG10 K13	
Std. width (mm)	
25	
32	
50	
75	
100	
150	
P	10
H	4,5
H ₁	2,5
B	13
h	8,5

ATG20	
Std. width (mm)	
75	
150	
P	20
H	8
H ₁	5
B	13
h	9,4

HG	
Std. width (inch)	
1,50	
2,00	
3,00	
4,00	
6,00	
P	12,7
H	4,3
H ₁	2,29
B	13
h	8,5

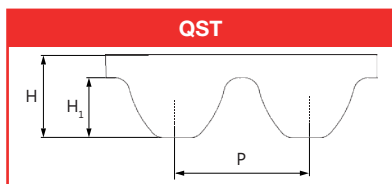


P1	
Std. width (mm)	
10	
20	
H	1

P2	
Std. width (mm)	
25	
50	
75	
100	
H	2

P3	
Std. width (mm)	
30	
60	
100	
120	
H	3,2

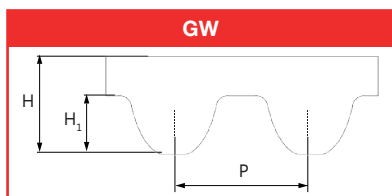
P4	
Std. width (mm)	
25	
50	
100	
H	4



QST 5	
Std. width (mm)	
12	
24	
P	5
H	3,6
H ₁	1,91

QST 8	
Std. width (mm)	
16	
25	
32	
50	
P	8
Steel cord	5,33
HP cord	5,60
H ₁	3,05

QST 14	
Std. width (mm)	
35	
52,5	
70	
105	
P	14
Steel cord	8,64
XHP cord	9
H ₁	5,33



GW 14	
Std. width (mm)	
50	
100	
150	
200	
P	14
H	10
H ₁	6

GW 20	
Std. width (mm)	
50	
100	
150	
200	
P	20
H	14,3
H ₁	8,57