



MEGADYNE MEGASYNC™

RUBBER ENDLESS TIMING BELTS

Megadyne rubber endless timing belts are available with single or double sided teeth, in imperial and RPP-RPC profiles. They are manufactured using the most advanced technology available.

MEGADYNE MEGASYNC™ 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

MEGADYNE MEGASYNC™ STD, HTB

- Curvilinear tooth profile
- Same properties of RPP belts

MEGADYNE MEGASYNC™ 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



MEGADYNE MEGASYNC™ RPC SILVER3 AND GOLD2

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 Silver3 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



MEGADYNE MEGASYNC™

RUBBER ENDLESS TIMING BELTS

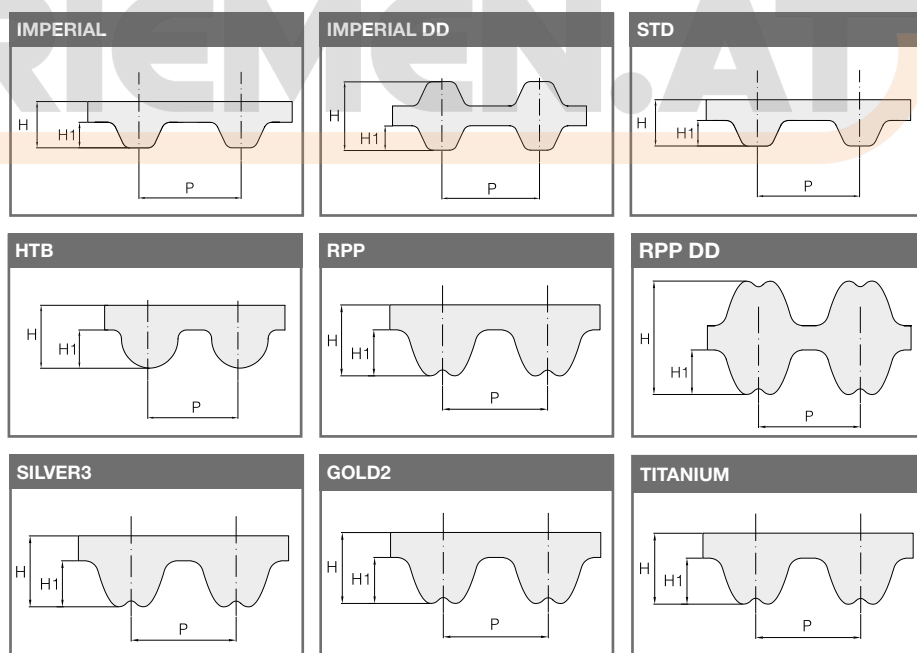


Titanium timing belt is the latest rubber based timing belt, high-performing, which significantly improves the “specific power” capacity and offers new application opportunities against alternative systems like gears and chains that always have a disadvantage in terms of weight, noise, lubrication and maintenance costs.

Thanks to the innovative new materials, Titanium offers:

- Increased basic power capacity by up to 30% compared to the previous top of the range
- Use of existing RPP pulleys, maintaining a full functional interchange with other deep pulley profile systems, like HTD
- Allows existing drives to be upgraded without the necessity to replace the pulleys, just the belt itself
- Significant reduction of noise compared to drive systems using polyurethane, steel etc. due to the rubber matrix and teeth with the parabolic profile shape, recognised as the quietest system on the market
- Antistatic qualities in accordance with ISO 9563 standard
- A wide, continuous range of possible operating temperature which makes Titanium the only solution for extreme working conditions.

MEGASYNC™ STANDARD RANGE:



(SLV3 8M DD • SLV3 14M DD • GLD2 8M DD • GLD2 14M DD on demand)



MEGADYNE MEGASYNC™ - RUBBER ENDLESS TIMING BELTS

MXL		MXL		XL		H		XXH		L DD									
CODE	PITCH LENGTH (mm)	CODE	PITCH LENGTH (mm)	CODE	PITCH LENGTH (mm)	CODE	PITCH LENGTH (mm)	CODE	PITCH LENGTH (mm)	CODE	PITCH LENGTH (mm)								
360 MXL	91,44	3064 MXL	778,26	310 XL	787,40	240 H	609,60	700 XXH	1778,00	124 L DD	314,32								
432 MXL	109,73	3104 MXL	788,42	316 XL	802,64	255 H	647,70	800 XXH	2032,00	135 L DD	342,90								
440 MXL	111,76	3200 MXL	812,80	320 XL	812,80	270 H	685,80	900 XXH	2286,00	150 L DD	381,00								
456 MXL	115,82	3296 MXL	837,18	330 XL	838,20	300 H	762,00	1000 XXH	2540,00	173 L DD	438,15								
480 MXL	121,92	3424 MXL	869,70	340 XL	863,60	330 H	838,20	1200 XXH	3048,00	187 L DD	476,25								
488 MXL	123,95	3472 MXL	881,89	344 XL	873,76	350 H	889,00	1400 XXH	3556,00	202 L DD	514,35								
496 MXL	125,98	3480 MXL	883,92	350 XL	889,00	360 H	914,40	1600 XXH	4064,00	210 L DD	533,40								
536 MXL	136,14	3520 MXL	894,08	352 XL	894,08	375 H	952,50	1800 XXH	4572,00	225 L DD	571,50								
544 MXL	138,18	3632 MXL	922,53	360 XL	914,40	390 H	990,60	STANDARD WIDTHS		240 L DD	609,60								
576 MXL	146,30	3704 MXL	940,82	364 XL	924,56	400 H	1016,00			255 L DD	647,70								
584 MXL	148,34	3944 MXL	1001,78	380 XL	965,20	410 H	1041,40			270 L DD	685,80								
608 MXL	154,43	4000 MXL	1016,00	384 XL	975,36	420 H	1066,80			285 L DD	723,90								
632 MXL	160,53	4064 MXL	1032,26	388 XL	985,52	450 H	1143,00			300 L DD	762,00								
640 MXL	162,56	4200 MXL	1066,80	390 XL	990,60	480 H	1219,20	STANDARD WIDTHS		322 L DD	819,15								
656 MXL	166,62	4280 MXL	1087,12	392 XL	995,68	490 H	1244,60			334 L DD	848,36								
664 MXL	168,66	4320 MXL	1097,28	412 XL	1046,48	510 H	1295,40			345 L DD	876,30								
680 MXL	172,72	4456 MXL	1131,82	434 XL	1102,36	540 H	1371,60			367 L DD	933,45								
704 MXL	178,82	4736 MXL	1202,94	460 XL	1168,40	560 H	1422,40			390 L DD	990,60								
720 MXL	182,88	4800 MXL	1219,20	486 XL	1234,44	570 H	1447,80	STANDARD WIDTHS		405 L DD	1028,70								
736 MXL	186,94	5224 MXL	1326,90	490 XL	1244,60	580 H	1473,20			412 L DD	1047,75								
752 MXL	191,00	STANDARD WIDTHS		530 XL	1346,20	600 H	1524,00			420 L DD	1066,80								
760 MXL	193,04			592 XL	1503,68	630 H	1600,20			450 L DD	1143,00								
768 MXL	195,00			600 XL	1524,00	660 H	1676,40			480 L DD	1219,20								
776 MXL	197,10			710 XL	1803,40	670 H	1701,80	STANDARD WIDTHS		510 L DD	1295,40								
800 MXL	203,20	STANDARD WIDTHS		950 XL	2413,00	700 H	1778,00			540 L DD	1371,60								
808 MXL	205,23			1014 XL	2575,56	725 H	1841,50			600 L DD	1524,00								
824 MXL	209,30			1180 XL	2997,20	750 H	1905,00			728 L DD	1847,85								
840 MXL	213,36			1280 XL	3251,20	800 H	2032,00			817 L DD	2076,45								
880 MXL	223,52	STANDARD WIDTHS		STANDARD WIDTHS		850 H	2159,00			STANDARD WIDTHS									
888 MXL	225,55					900 H	2286,00												
912 MXL	231,65					950 H	2413,00												
920 MXL	233,68					985 H	2501,90												
944 MXL	239,78					1000 H	2540,00	STANDARD WIDTHS											
952 MXL	241,81	1020 H	2590,80			STANDARD WIDTHS													
960 MXL	243,84	1050 H	2667,00																
976 MXL	247,90	1100 H	2794,00																
984 MXL	249,94	1120 H	2844,80					STANDARD WIDTHS											
1000 MXL	254,00	1140 H	2895,60			STANDARD WIDTHS													
1008 MXL	256,03	1150 H	2921,00																
1016 MXL	258,06	1250 H	3175,00																
1040 MXL	264,16	1400 H	3556,00					STANDARD WIDTHS											
1056 MXL	268,22	1645 H	4178,30																
1072 MXL	272,29	1700 H	4318,00																
1120 MXL	284,48	STANDARD WIDTHS																	
1160 MXL	294,64																		
1176 MXL	298,70																		
1184 MXL	300,74																		
1200 MXL	304,80							STANDARD WIDTHS											
1224 MXL	310,90																		
1240 MXL	314,96																		
1280 MXL	325,12																		
1296 MXL	329,10							STANDARD WIDTHS											
1400 MXL	355,60																		
1440 MXL	365,70																		
1472 MXL	373,89																		
1496 MXL	379,98							STANDARD WIDTHS											
1520 MXL	386,08																		
1600 MXL	406,40																		
1680 MXL	426,72																		
1696 MXL	430,78							STANDARD WIDTHS											
1768 MXL	449,07																		
1800 MXL	457,20																		
1832 MXL	465,33																		
1856 MXL	471,42							STANDARD WIDTHS											
1888 MXL	479,55																		
1984 MXL	503,94																		
1992 MXL	505,97																		
2048 MXL	520,19							STANDARD WIDTHS											
2240 MXL	568,96																		
2248 MXL	570,90																		
2360 MXL	599,44																		
2384 MXL	605,54							STANDARD WIDTHS											
2480 MXL	629,92																		
2496 MXL	633,98																		
2520 MXL	640,08																		
2584 MXL	656,34							STANDARD WIDTHS											
2624 MXL	666,40																		
2776 MXL	705,10																		
2864 MXL	727,46																		
2880 MXL	731,52							STANDARD WIDTHS											
2976 MXL	755,90																		
3024 MXL	778,25																		

XL		L	
CODE	PITCH LENGTH (mm)	CODE	PITCH LENGTH (mm)
310 XL	787,40	124 L	314,32
316 XL	802,64	135 L	342,90
320 XL	812,80	150 L	381,00
330 XL	838,20	165 L	419,10
340 XL	863,60	173 L	438,15
344 XL	873,76	187 L	476,25
350 XL	889,00	202 L	514,35
352 XL	894,08	210 L	533,40
360 XL	914,40	220 L	561,90
364 XL	924,56	225 L	571,50
380 XL	965,20	240 L	609,60
384 XL	975,36	255 L	647,70
388 XL	985,52	270 L	685,80
390 XL	990,60	285 L	723,90
392 XL	995,68	300 L	762,00
412 XL	1046,48	320 L	809,60
434 XL	1102,36	322 L	819,15
460 XL	1168,40	334 L	848,36
486 XL	1234,44	345 L	876,30
490 XL	1244,60	367 L	933,45
530 XL	1346,20	390 L	990,60
592 XL	1503,68	405 L	1028,70
600 XL	1524,00	412 L	1047,75
710 XL	1803,40	420 L	1066,80
950 XL	2413,00	424 L	1076,30
1014 XL	2575,56	427 L	1085,80
1180 XL	2997,20	450 L	1143,00
1280 XL	3251,20	480 L	1219,20
STANDARD WIDTHS		510 L	1295,40
		540 L	1371,60
		600 L	1524,00
		630 L	1600,20
		660 L	1676,40
STANDARD WIDTHS		728 L	1847,85
		817 L	2076,45
		1103 L	2800,35
		50	12,70
		75	19,05
STANDARD WIDTHS		100	25,40
		50	12,70
		75	19,05
		100	25,40
		125	31,75

H		XH	
CODE	PITCH LENGTH (mm)	CODE	PITCH LENGTH (mm)
240 H	609,60	507 XH	1289,00
255 H	647,70	534 XH	1355,72
270 H	685,80	560 XH	1422,40
300 H	762,00	630 XH	1600,20
330 H	838,20	700 XH	1778,00
350 H	889,00	770 XH	1955,80
360 H	914,40	840 XH	2133,60
375 H	952,50	980 XH	2489,20
390 H	990,60	1120 XH	2844,80
400 H	1016,00	1260 XH	3200,40
410 H	1041,40	1400 XH	3556,00
420 H	1066,80	1540 XH	3911,60
450 H	1143,00	1750 XH	4445,00
480 H	1219,20	STANDARD WIDTHS	
490 H	1244,60		
510 H	1295,40		
540 H	1371,60		
560 H	1422,40		
570 H	1447,80	200	50,80
580 H	1473,20	300	76,20
600 H	1524,00	400	101,60
630 H	1600,20	STANDARD WIDTHS	
660 H	1676,40		
670 H	1701,80		
700 H	1778,00		
725 H	1841,50		
750 H	1905,00	25	6,35
800 H	2032,00	31	7,87
850 H	2159,00	37	9,40
900 H	2286,00	STANDARD WIDTHS	
950 H	2413,00		
985 H	2501,90		
1000 H	2540,00		
1020 H	2590,80		
1050 H	2667,00	STANDARD WIDTHS	
1100 H	2794,00		
1120 H	2844,80		
1140 H	2895,60		
1150 H	2921,00		
1250 H	3175,00	STANDARD WIDTHS	
1400 H	3556,00		
1645 H	4178,30		
1700 H	4318,00		
STANDARD WIDTHS			
		200	50,80
		300	76,20
		400	101,60
		500	127,00

XXH		XL DD	
CODE	PITCH LENGTH (mm)	CODE	PITCH LENGTH (mm)
700 XXH	1778,00	120 XL DD	304,80
800 XXH	2032,00	130 XL DD	330,20
900 XXH	2286,00	140 XL DD	355,60
1000 XXH	2540,00	146 XL DD	370,84
1200 XXH	3048,00	150 XL DD	381,00
1400 XXH	3556,00	156 XL DD	396,24
1600 XXH	4064,00	160 XL DD	406,40
1800 XXH	4572,00	170 XL DD	431,80
STANDARD WIDTHS		176 XL DD	447,04
		200	50,80
		300	76,20
		400	101,60
		500	127,00
STANDARD WIDTHS		180 XL DD	457,20
		182 XL DD	462,28
		188 XL DD	477,52
		190 XL DD	482,60
		198 XL DD	502,92
STANDARD WIDTHS		200 XL DD	508,00
		202 XL DD	513,08
		210 XL DD	533,40
		212 XL DD	538,48
		214 XL DD	543,56
STANDARD WIDTHS		220 XL DD	558,80
		228 XL DD	579,12
		230 XL DD	584,20
		234 XL DD	594,36
		240 XL DD	609,60
STANDARD WIDTHS		250 XL DD	635,00
		260 XL DD	660,40
		270 XL DD	685,80
		276 XL DD	701,04
		280 XL DD	711,20
STANDARD WIDTHS		290 XL DD	736,60
		310 XL DD	787,40
		316 XL DD	802,64
		320 XL DD	812,80
		330 XL DD	838,20
STANDARD WIDTHS		344 XL DD	873,76
		352 XL DD	894,08
		364 XL DD	924,56
		380 XL DD	965,20
		384 XL DD	975,36
STANDARD WIDTHS		388 XL DD	985,52
		390 XL DD	990,60
		392 XL DD	995,68
		434 XL DD	1102,36
		460 XL DD	1168,40
STANDARD WIDTHS		486 XL DD	1234,40
		530 XL DD	1346,20
		600 XL DD	1524,00
		710 XL DD	1803,40
		950 XL DD	2413,00
STANDARD WIDTHS		1014 XL DD	2575,56
		25	6,35
		31	7,87
		37	9,40
		50	12,70

L DD		H DD	
CODE	PITCH LENGTH (mm)	CODE	PITCH LENGTH (mm)
124 L DD	314,32	240 H DD	609,60
135 L DD	342,90	255 H DD	647,70
150 L DD	381,00	270 H DD	685,80
173 L DD	438,15	300 H DD	762,00
187 L DD	476,25	330 H DD	838,20
202 L DD	514,35	360 H DD	914,40
210 L DD	533,40	390 H DD	990,60
225 L DD	571,50	400 H DD	1016,00
240 L DD	609,60	410 H DD	1041,40
255 L DD	647,70	420 H DD	1066,80
270 L DD	685,80	450 H DD	1143,00
285 L DD	723,90	480 H DD	1219,20
300 L DD	762,00	510 H DD	1295,40
322 L DD	819,15	540 H DD	1371,60
334 L DD	848,36	570 H DD	1447,80
345 L DD	876,30	600 H DD	1524,00
367 L DD	933,45	630 H DD	1600,20
390 L DD	990,60	660 H DD	1676,40
405 L DD	1028,70	670 H DD	1701,80
412 L DD	1047,75	700 H DD	1778,00
420 L DD	1066,80	725 H DD	1841,50
450 L DD	1143,00	750 H DD	1905,00
480 L DD	1219,20	800 H DD	2032,00
510 L DD	1295,40	850 H DD	2159,00
540 L DD	1371,60	900 H DD	2286,00
570 L DD	1447,80	1000 H DD	2540,00
600 H DD	1524,00	1020 H DD	2590,80
630 H DD	1600,20	1100 H DD	2794,00
660 H DD	1676,40	1120 H DD	2844,80
670 H DD	1701,80	1140 H DD	2895,60
700 H DD	1778,00	1150 H DD	2921,00
725 H DD	1841,50	1250 H DD	3175,00
750 H DD	1905,00	1400 H DD	3556,00
800 H DD	2032,00	1645 H DD	4178,30
850 H DD	2159,00	1700 H DD	4318,00
900 H DD	2286,00		

TIMING BELTS