



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

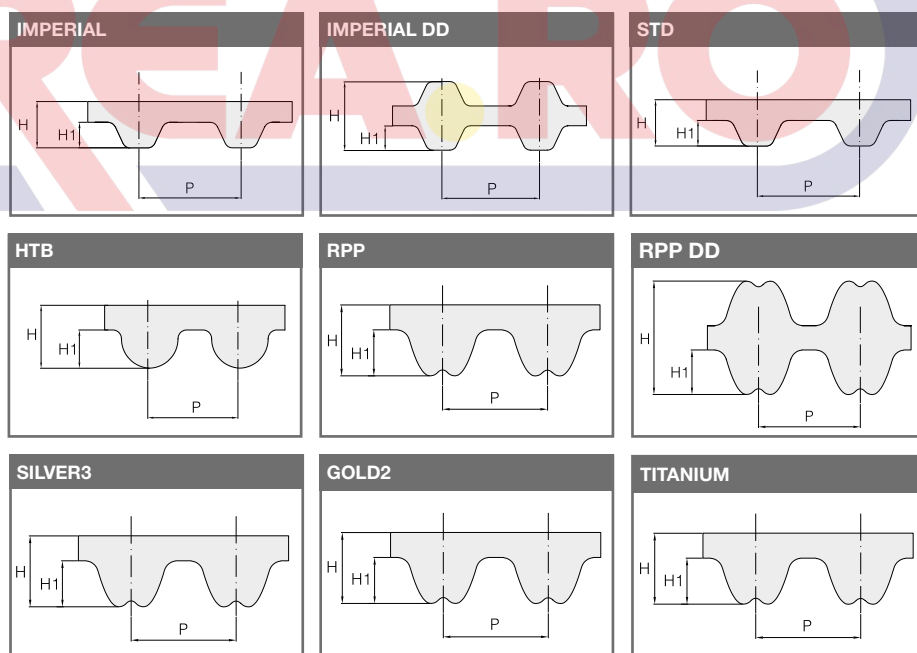


Titanium timing belt is the latest rubber based timing belt, high-performing, which significantly improves the “specific power” capacity and offers new application opportunities against alternative systems like gears and chains that always have a disadvantage in terms of weight, noise, lubrication and 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	XL DD		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	CODEPITCH LENGTH (mm)		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			510 L DD	1295,40				
800 MXL	203,20	12	3,05	950 XL	2413,00	700 H	1778,00	120 XL DD	304,80	540 L DD	1371,60				
808 MXL	205,23	19	4,83	1014 XL	2575,56	725 H	1841,50	130 XL DD	330,20	600 L DD	1524,00				
824 MXL	209,30	25	6,35	1180 XL	2997,20	750 H	1905,00	140 XL DD	355,60	728 L DD	1847,85				
840 MXL	213,36	XL		1280 XL	3251,20	800 H	2032,00	156 XL DD	396,24	817 L DD	2076,45				
880 MXL	223,52			STANDARD WIDTHS		850 H	2159,00	160 XL DD	406,40	1103 L DD	2800,35				
888 MXL	225,55					900 H	2286,00	170 XL DD	431,80	STANDARD WIDTHS					
912 MXL	231,65					950 H	2413,00	176 XL DD	447,04						
920 MXL	233,68	CODE	PITCH LENGTH (mm)	25	6,35	985 H	2501,90	180 XL DD	457,20			50	12,70		
944 MXL	239,78	54 XL	137,16	31	7,87	1000 H	2540,00	182 XL DD	462,28	75	19,05				
952 MXL	241,81	60 XL	152,40	37	9,40	1020 H	2590,80	188 XL DD	477,52	100	25,40				
960 MXL	243,84	70 XL	177,80	L		1050 H	2667,00	190 XL DD	482,60	H DD					
976 MXL	247,90	72 XL	182,88			1100 H	2794,00	198 XL DD	502,92						
984 MXL	249,94	80 XL	203,20			1120 H	2844,80	200 XL DD	508,00			CODE	PITCH LENGTH (mm)		
1000 MXL	254,00	90 XL	228,60			1140 H	2895,60	202 XL DD	513,08			240 H DD	609,60		
1008 MXL	256,03	98 XL	248,92	CODE	PITCH LENGTH (mm)	1150 H	2921,00	210 XL DD	533,40	255 H DD	647,70				
1016 MXL	258,06	100 XL	254,00	124 L	314,32	1250 H	3175,00	212 XL DD	538,48	270 H DD	685,80				
1040 MXL	264,16	102 XL	259,08	135 L	342,90	1400 H	3556,00	214 XL DD	543,56	300 H DD	762,00				
1056 MXL	268,22	104 XL	264,16	150 L	381,00	1645 H	4178,30	220 XL DD	558,80	330 H DD	838,20				
1072 MXL	272,29	106 XL	269,24	165 L	419,10	1700 H	4318,00	228 XL DD	579,12	360 H DD	914,40				
1120 MXL	284,48	110 XL	279,40	173 L	438,15	STANDARD WIDTHS		230 XL DD	584,20	390 H DD	990,60				
1160 MXL	294,64	120 XL	304,80	187 L	476,25			234 XL DD	594,36	400 H DD	1016,00				
1176 MXL	298,70	128 XL	352,12	202 L	514,35			240 XL DD	609,60	410 H DD	1041,40				
1184 MXL	300,74	130 XL	330,20	210 L	533,40			250 XL DD	635,00	420 H DD	1066,80				
1200 MXL	304,80	140 XL	355,60	220 L	561,90			260 XL DD	660,40	450 H DD	1143,00				
1224 MXL	310,90	142 XL	360,68	225 L	571,50	XH		270 XL DD	685,80	480 H DD	1219,20				
1240 MXL	314,96	146 XL	370,84	240 L	609,60			276 XL DD	701,04	510 H DD	1295,40				
1280 MXL	325,12	150 XL	381,00	255 L	647,70			280 XL DD	711,20	540 H DD	1371,60				
1296 MXL	329,10	152 XL	386,08	270 L	685,80			290 XL DD	736,60	570 H DD	1447,80				
1400 MXL	355,60	156 XL	396,24	285 L	723,90			310 XL DD	787,40	600 H DD	1524,00				
1440 MXL	365,70	160 XL	406,40	300 L	762,00	CODEPITCH LENGTH (mm)		316 XL DD	802,64	630 H DD	1600,20				
1472 MXL	373,89	162 XL	411,48	320 L	809,60			320 XL DD	812,80	660 H DD	1676,40				
1496 MXL	379,98	164 XL	416,56	322 L	819,15			330 XL DD	838,20	670 H DD	1701,80				
1520 MXL	386,08	170 XL	431,80	334 L	848,36			344 XL DD	873,76	700 H DD	1778,00				
1600 MXL	406,40	176 XL	447,04	345 L	876,30			352 XL DD	894,08	725 H DD	1841,50				
1680 MXL	426,72	180 XL	457,20	367 L	933,45	507 XH	1289,00	364 XL DD	924,56	750 H DD	1905,00				
1696 MXL	430,78	182 XL	462,28	390 L	990,60	534 XH	1355,72	380 XL DD	965,20	800 H DD	2032,00				
1768 MXL	449,07	188 XL	477,52	405 L	1028,70	560 XH	1422,40	388 XL DD	975,36	850 H DD	2159,00				
1800 MXL	457,20	190 XL	482,60	412 L	1047,75	630 XH	1600,20	390 XL DD	985,52	900 H DD	2286,00				
1832 MXL	465,33	194 XL	492,76	420 L	1066,80	700 XH	1778,00	392 XL DD	995,68	1000 H DD	2540,00				
1856 MXL	471,42	198 XL	502,92	424 L	1076,30	770 XH	1955,80	434 XL DD	1102,36	1020 H DD	2590,80				
1888 MXL	479,55	200 XL	508,00	427 L	1085,80	840 XH	2133,60	460 XL DD	1168,40	1100 H DD	2794,00				
1984 MXL	503,94	202 XL	513,08	450 L	1143,00	980 XH	2489,20	486 XL DD	1234,40	1120 H DD	2844,80				
1992 MXL	505,97	210 XL	533,40	480 L	1219,20	1120 XH	2844,80	530 XL DD	1346,20	1140 H DD	2895,60				
2048 MXL	520,19	212 XL	538,48	510 L	1295,40	1260 XH	3200,40	600 XL DD	1524,00	1150 H DD	2921,00				
2240 MXL	568,96	214 XL	543,56	540 L	1371,60	1400 XH	3556,00	710 XL DD	1803,40	1250 H DD	3175,00				
2248 MXL	570,90	220 XL	558,80	581 L	1476,30	1540 XH	3911,60	950 XL DD	2413,00	1400 H DD	3556,00				
2360 MXL	599,44	228 XL	579,12	600 L	1524,00	1750 XH	4445,00	1014 XL DD	2575,56	1645 H DD	4178,30				
2384 MXL	605,54	230 XL	584,20	630 L	1600,20	STANDARD WIDTHS		STANDARD WIDTHS		1700 H DD	4318,00				
2480 MXL	629,92	234 XL	594,36	660 L	1676,40					STANDARD WIDTHS					
2496 MXL	633,98	240 XL	609,60	728 L	1847,85										
2520 MXL	640,08	250 XL	635,00	817 L	2076,45										
2584 MXL	656,34	254 XL	645,16	1103 L	2800,35										
2624 MXL	666,40	260 XL	660,40	STANDARD WIDTHS											
2776 MXL	705,10	270 XL	685,80												
2864 MXL	727,46	276 XL	701,04												
2880 MXL	731,52	280 XL	711,20												
2976 MXL	755,90	290 XL	736,60												
3024 MXL	778,25	300 XL	762,00												

TIMING BELTS