



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 **Titanium**

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.

Figure 1 displays the cross-sections of various gasket types, categorized by material and design. The types shown are:

- IMPERIAL**: A standard gasket with a flat top and rounded bottom.
- IMPERIAL DD**: A double-flange gasket with a flat top and rounded bottom.
- STD**: A standard gasket with a flat top and rounded bottom.
- HTB**: A high-tensile bolt gasket with a flat top and rounded bottom.
- RPP**: A reinforced polypropylene gasket with a flat top and rounded bottom.
- RPP DD**: A reinforced polypropylene double-flange gasket with a flat top and rounded bottom.
- SILVER3**: A silver gasket with a flat top and rounded bottom.
- GOLD2**: A gold gasket with a flat top and rounded bottom.
- TITANIUM**: A titanium gasket with a flat top and rounded bottom.

The diagrams illustrate the gasket profile (shaded gray) and the flange it fits (orange). Dimensions are indicated: H (total height), H_1 (height of the top flange), and P (pitch diameter).

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



MEGADYNE MEGASYNC™ - RUBBER ENDLESS TIMING BELTS

SILVER3 5M	
CODE	PITCH LENGTH (mm)
180 SLV3 5M	180
225 SLV3 5M	225
235 SLV3 5M	235
245 SLV3 5M	245
255 SLV3 5M	255
265 SLV3 5M	265
270 SLV3 5M	270
280 SLV3 5M	280
285 SLV3 5M	285
295 SLV3 5M	295
300 SLV3 5M	300
305 SLV3 5M	305
325 SLV3 5M	325
330 SLV3 5M	330
345 SLV3 5M	345
350 SLV3 5M	350
375 SLV3 5M	375
400 SLV3 5M	400
420 SLV3 5M	420
425 SLV3 5M	425
450 SLV3 5M	450
455 SLV3 5M	455
460 SLV3 5M	460
465 SLV3 5M	465
475 SLV3 5M	475
500 SLV3 5M	500
525 SLV3 5M	525
535 SLV3 5M	535
565 SLV3 5M	565
575 SLV3 5M	575
580 SLV3 5M	580
600 SLV3 5M	600
610 SLV3 5M	610
615 SLV3 5M	615
635 SLV3 5M	635
640 SLV3 5M	640
650 SLV3 5M	650
670 SLV3 5M	670
675 SLV3 5M	675
700 SLV3 5M	700
705 SLV3 5M	705
710 SLV3 5M	710
725 SLV3 5M	725
740 SLV3 5M	740
750 SLV3 5M	750
755 SLV3 5M	755
800 SLV3 5M	800
835 SLV3 5M	835
850 SLV3 5M	850
890 SLV3 5M	890
900 SLV3 5M	900
935 SLV3 5M	935
940 SLV3 5M	940
950 SLV3 5M	950
980 SLV3 5M	980
1000 SLV3 5M	1000
1025 SLV3 5M	1025
1050 SLV3 5M	1050
1100 SLV3 5M	1100
1125 SLV3 5M	1125
1135 SLV3 5M	1135
1195 SLV3 5M	1195

SILVER3 5M	
CODE	PITCH LENGTH (mm)
1200 SLV3 5M	1200
1240 SLV3 5M	1240
1270 SLV3 5M	1270
1420 SLV3 5M	1420
1500 SLV3 5M	1500
1595 SLV3 5M	1595
1605 SLV3 5M	1605
1690 SLV3 5M	1690
1790 SLV3 5M	1790
1800 SLV3 5M	1800
1870 SLV3 5M	1870
1895 SLV3 5M	1895
1945 SLV3 5M	1945
2000 SLV3 5M	2000
2250 SLV3 5M	2250
2350 SLV3 5M	2350
2525 SLV3 5M	2525

SILVER3 8M	
CODE	PITCH LENGTH (mm)
248 SLV3 8M	248
288 SLV3 8M	288
320 SLV3 8M	320
352 SLV3 8M	352
360 SLV3 8M	360
376 SLV3 8M	376
384 SLV3 8M	384
408 SLV3 8M	408
416 SLV3 8M	416
424 SLV3 8M	424
456 SLV3 8M	456
480 SLV3 8M	480
536 SLV3 8M	536
544 SLV3 8M	544
560 SLV3 8M	560
600 SLV3 8M	600
608 SLV3 8M	608
632 SLV3 8M	632
640 SLV3 8M	640
680 SLV3 8M	680
720 SLV3 8M	720
760 SLV3 8M	760
800 SLV3 8M	800
840 SLV3 8M	840
880 SLV3 8M	880
896 SLV3 8M	896
920 SLV3 8M	920
960 SLV3 8M	960
976 SLV3 8M	976
1000 SLV3 8M	1000
1040 SLV3 8M	1040
1064 SLV3 8M	1064
1080 SLV3 8M	1080
1120 SLV3 8M	1120
1160 SLV3 8M	1160
1200 SLV3 8M	1200
1224 SLV3 8M	1224
1280 SLV3 8M	1280
1352 SLV3 8M	1352

SILVER3 8M	
CODE	PITCH LENGTH (mm)
1424 SLV3 8M	1424
1440 SLV3 8M	1440
1464 SLV3 8M	1464
1512 SLV3 8M	1512
1584 SLV3 8M	1584
1600 SLV3 8M	1600
1680 SLV3 8M	1680
1760 SLV3 8M	1760
1800 SLV3 8M	1800
1904 SLV3 8M	1904
2000 SLV3 8M	2000
2200 SLV3 8M	2200
2240 SLV3 8M	2240
2272 SLV3 8M	2272
2400 SLV3 8M	2400
2520 SLV3 8M	2520
2600 SLV3 8M	2600
2800 SLV3 8M	2800
2840 SLV3 8M	2840
3048 SLV3 8M	3048
3200 SLV3 8M	3200
3280 SLV3 8M	3280
3600 SLV3 8M	3600
4000 SLV3 8M	4000
4400 SLV3 8M	4400

SILVER3 14M	
CODE	PITCH LENGTH (mm)
966 SLV3 14M	966
994 SLV3 14M	994
1092 SLV3 14M	1092
1106 SLV3 14M	1106
1120 SLV3 14M	1120
1190 SLV3 14M	1190
1260 SLV3 14M	1260
1288 SLV3 14M	1288
1344 SLV3 14M	1344
1400 SLV3 14M	1400
1442 SLV3 14M	1442
1512 SLV3 14M	1512
1568 SLV3 14M	1568
1610 SLV3 14M	1610
1750 SLV3 14M	1750
1764 SLV3 14M	1764
1778 SLV3 14M	1778
1848 SLV3 14M	1848
1890 SLV3 14M	1890
1904 SLV3 14M	1904
1960 SLV3 14M	1960
2100 SLV3 14M	2100
2240 SLV3 14M	2240
2310 SLV3 14M	2310
2380 SLV3 14M	2380
2450 SLV3 14M	2450
2520 SLV3 14M	2520
2590 SLV3 14M	2590
2660 SLV3 14M	2660
2800 SLV3 14M	2800
2968 SLV3 14M	2968

SILVER3 14M	
CODE	PITCH LENGTH (mm)
3136 SLV3 14M	3136
3150 SLV3 14M	3150
3304 SLV3 14M	3304
3360 SLV3 14M	3360
3500 SLV3 14M	3500
3850 SLV3 14M	3850
3920 SLV3 14M	3920
4326 SLV3 14M	4326
4410 SLV3 14M	4410
4578 SLV3 14M	4578
4956 SLV3 14M	4956

SILVER3 8DD*	
CODE	PITCH LENGTH (mm)
600 SLV3-8DD	600
608 SLV3-8DD	608
632 SLV3-8DD	632
640 SLV3-8DD	640
680 SLV3-8DD	680
720 SLV3-8DD	720
760 SLV3-8DD	760
800 SLV3-8DD	800
840 SLV3-8DD	840
880 SLV3-8DD	880
896 SLV3-8DD	896
920 SLV3-8DD	920
960 SLV3-8DD	960
1000 SLV3-8DD	1000
1040 SLV3-8DD	1040
1080 SLV3-8DD	1080
1120 SLV3-8DD	1120
1200 SLV3-8DD	1200
1224 SLV3-8DD	1224
1280 SLV3-8DD	1280
1352 SLV3-8DD	1352
1424 SLV3-8DD	1424
1440 SLV3-8DD	1440
1464 SLV3-8DD	1464
1600 SLV3-8DD	1600
1680 SLV3-8DD	1680
1760 SLV3-8DD	1760
1792 SLV3-8DD	1792
1800 SLV3-8DD	1800
1904 SLV3-8DD	1904
2000 SLV3-8DD	2000
2200 SLV3-8DD	2200
2240 SLV3-8DD	2240
2272 SLV3-8DD	2272
2400 SLV3-8DD	2400
2520 SLV3-8DD	2520
2600 SLV3-8DD	2600
2800 SLV3-8DD	2800
2840 SLV3-8DD	2840
3048 SLV3-8DD	3048
3200 SLV3-8DD	3200
3280 SLV3-8DD	3280
3600 SLV3-8DD	3600
4000 SLV3-8DD	4000
4400 SLV3-8DD	4400

SILVER3 14DD*	
CODE	PITCH LENGTH (mm)
966 SLV3-14DD	966
994 SLV3-14DD	994
1092 SLV3-14DD	1092
1106 SLV3-14DD	1106
1120 SLV3-14DD	1120
1190 SLV3-14DD	1190
1260 SLV3-14DD	1260
1288 SLV3-14DD	1288
1344 SLV3-14DD	1344
1400 SLV3-14DD	1400
1442 SLV3-14DD	1442
1568 SLV3-14DD	1568
1610 SLV3-14DD	1610
1750 SLV3-14DD	1750
1764 SLV3-14DD	1764
1778 SLV3-14DD	1778
1848 SLV3-14DD	1848
1890 SLV3-14DD	1890
1904 SLV3-14DD	1904
1960 SLV3-14DD	1960
2100 SLV3-14DD	2100
2240 SLV3-14DD	2240
2310 SLV3-14DD	2310
2380 SLV3-14DD	2380
2450 SLV3-14DD	2450
2520 SLV3-14DD	2520
2590 SLV3-14DD	2590
2660 SLV3-14DD	2660
2800 SLV3-14DD	2800
2968 SLV3-14DD	2968
3136 SLV3-14DD	3136
3304 SLV3-14DD	3304
3360 SLV3-14DD	3360
3500 SLV3-14DD	3500
3850 SLV3-14DD	3850
3920 SLV3-14DD	3920
4326 SLV3-14DD	4326
4410 SLV3-14DD	4410
4578 SLV3-14DD	4578
4956 SLV3-14DD	4956

(*) ON DEMAND

TIMING BELTS

