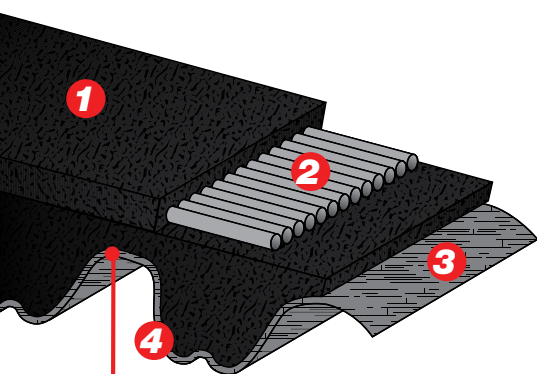




The MEGASYNC™ Titanium belt is made with the most innovative materials of the highest quality. The extensive development and tests performed have resulted in a synchronous belt that has:

- 1. COMPOUND**
HNBR rubber
- 2. CORD**
100% carbon fiber
- 3. TOOTH FACING**
High performance fabric with special anti-friction treatment
- 4. TOOTH PROFILE**
RPC

SYNCHRONOUS BELTS

MEGASYNC™ TITANIUM

ULTRA HIGH-TORQUE RPC PARABOLIC TOOTH PROFILE



Megadyne introduces one of the highest power density synchronous power transmission belts on the market! The next generation of synchronous belts surpassing the Platinum and other premium belt drives on the market today. When you want to replace chains, gears or you need to provide a superior belt drive solution - you need MEGADYNE MEGASYNC™ Titanium. With an enhanced design and innovative materials, Titanium has all the features and performance to make it the ideal belting solution in the most demanding applications.

PERFORMANCE

The RPC profile achieves a high-power capacity drive with excellent dimensional stability and a fully-functional interchange with all of the most common existing deep pulley tooth profile systems, including HTD, RPP, PGGT & PCGT profiles.



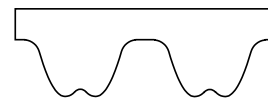
ANTISTATIC, ACCORDING TO ISO 9563

PART NOMENCLATURE

3500TTM14M65

- 3500** = Pitch length (mm)
TTM = Titanium
14M = Tooth pitch (14mm)
65 = Belt width (mm)

TITANIUM



FEATURES & BENEFITS

- Tooth Pitch Codes: TTM8 and TTM14
- Compound: HNBR rubber
- Cord: 100% Carbon Fiber
- Tooth Facing: High performance fabric with special anti-friction treatment
- Operating Temperatures: -40 °F up to +248 °F (Max peak: +284 °F)
- Antistatic, according to ISO 9563
- Open end Titanium available made to order in 8M & 14M
- Available made to order in 5M
- Special Widths: Can be supplied in non-standard widths - available upon request
- Available in Megapaint Silicone-Free Packaging in 8M & 14M pitch, non-stock, made-to-order

TECHNICAL INFO

- Applications: Drives requiring maximum efficiency, synchronous operation and the highest power capacity. General industry, conveyors, industrial equipment, machine tools, hand power tools, etc.
- Engineering Standards: Conforms to ARPM IP-27 and ISO 13050 standard tolerances
- Recommended Pulleys: Use pulleys made to ARPM or ISO 13050 standards





MEGASYNC™ TITANIUM

ULTRA HIGH-TORQUE RPC PARABOLIC TOOTH PROFILE

ANTISTATIC,
ACCORDING
TO ISO 9563



Pitch Code	Tooth Pitch (mm)	Standard Widths/Width Codes (mm)									Pitch Lengths (mm)
		12	20	21	36	37	62	68	90	125	
TTM5	5	available upon request - made to order									180 thru 2525
TTM8	8	12	-	21	36	-	62	-	-	-	248 thru 4400
TTM14	14	-	20	-	-	37	-	68	90	125	994 thru 4956

Standard widths shown. Can be cut to non-standard widths.

TITANIUM - 8M		
Belt Type	Pitch Length (mm)	Number of Teeth
248 TTM8	248	31
288 TTM8	288	36
352 TTM8	352	44
416 TTM8	416	52
456 TTM8	456	57
480 TTM8	480	60
544 TTM8	544	68
560 TTM8	560	70
600 TTM8	600	75
608 TTM8	608	76
640 TTM8	640	80
720 TTM8	720	90
800 TTM8	800	100
840 TTM8	840	105
880 TTM8	880	110
896 TTM8	896	112
920 TTM8	920	115
960 TTM8	960	120
976 TTM8	976	122
1000 TTM8	1000	125
1040 TTM8	1040	130
1064 TTM8	1064	133
1080 TTM8	1080	135
1120 TTM8	1120	140
1160 TTM8	1160	145
1200 TTM8	1200	150

TITANIUM - 8M		
Belt Type	Pitch Length (mm)	Number of Teeth
1224 TTM8	1224	153
1280 TTM8	1280	160
1440 TTM8	1440	180
1464 TTM8	1464	183
1512 TTM8	1512	189
1584 TTM8	1584	198
1600 TTM8	1600	200
1760 TTM8	1760	220
1792 TTM8	1792	224
1800 TTM8	1800	225
2000 TTM8	2000	250
2200 TTM8	2200	275
2240 TTM8	2240	280
2400 TTM8	2400	300
2520 TTM8	2520	315
2600 TTM8	2600	325
2800 TTM8	2800	350
2840 TTM8	2840	355
3048 TTM8	3048	381
3200 TTM8	3200	400
3280 TTM8	3280	410
3600 TTM8	3600	450
4000 TTM8	4000	500
4400 TTM8	4400	550

TITANIUM - 14M		
Belt Type	Pitch Length (mm)	Number of Teeth
994 TTM14	994	71
1092 TTM14	1092	78
1120 TTM14	1120	80
1190 TTM14	1190	85
1260 TTM14	1260	90
1288 TTM14	1288	92
1400 TTM14	1400	100
1512 TTM14	1512	108
1568 TTM14	1568	112
1610 TTM14	1610	115
1750 TTM14	1750	125
1778 TTM14	1778	127
1890 TTM14	1890	135
1960 TTM14	1960	140
2100 TTM14	2100	150
2240 TTM14	2240	160
2310 TTM14	2310	165
2380 TTM14	2380	170
2450 TTM14	2450	175
2520 TTM14	2520	180
2590 TTM14	2590	185
2660 TTM14	2660	190
2800 TTM14	2800	200
3136 TTM14	3136	224
3150 TTM14	3150	225
3304 TTM14	3304	236
3360 TTM14	3360	240
3500 TTM14	3500	250
3850 TTM14	3850	275
3920 TTM14	3920	280
4326 TTM14	4326	309
4410 TTM14	4410	315
4956 TTM14	4956	354

AVAILABLE SIZES

Additional lengths may be available. Contact Megadyne for sizes not listed.

NEW SIZES LISTED IN RED



WARNING: This product can expose you to chemicals including carbon black, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit www.P65WARNINGS.ca.gov

POWER TRANSMISSION