



# 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

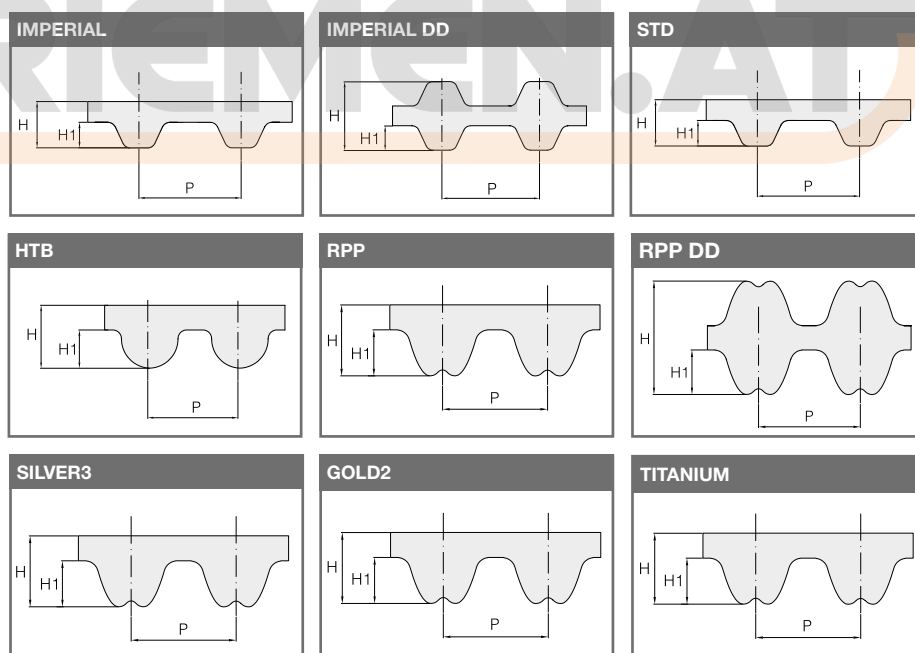


**Titanium** timing belt is the latest rubber based timing belt, high-performing, which significantly improves the “specific power” capacity and offers new application opportunities against alternative systems like gears and chains that always have a disadvantage in terms of weight, noise, lubrication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

| TTM 8M    |                   | TTM 14M    |                   |
|-----------|-------------------|------------|-------------------|
| CODE      | PITCH LENGTH (mm) | CODE       | PITCH LENGTH (mm) |
| 248 TTM8  | 248               | 994 TTM14  | 994               |
| 288 TTM8  | 288               | 1092 TTM14 | 1092              |
| 352 TTM8  | 352               | 1120 TTM14 | 1120              |
| 416 TTM8  | 416               | 1190 TTM14 | 1190              |
| 456 TTM8  | 456               | 1260 TTM14 | 1260              |
| 480 TTM8  | 480               | 1288 TTM14 | 1288              |
| 544 TTM8  | 544               | 1400 TTM14 | 1400              |
| 560 TTM8  | 560               | 1512 TTM14 | 1512              |
| 600 TTM8  | 600               | 1568 TTM14 | 1568              |
| 608 TTM8  | 608               | 1610 TTM14 | 1610              |
| 640 TTM8  | 640               | 1750 TTM14 | 1750              |
| 720 TTM8  | 720               | 1778 TTM14 | 1778              |
| 800 TTM8  | 800               | 1890 TTM14 | 1890              |
| 840 TTM8  | 840               | 1960 TTM14 | 1960              |
| 880 TTM8  | 880               | 2100 TTM14 | 2100              |
| 896 TTM8  | 896               | 2240 TTM14 | 2240              |
| 920 TTM8  | 920               | 2310 TTM14 | 2310              |
| 960 TTM8  | 960               | 2380 TTM14 | 2380              |
| 976 TTM8  | 976               | 2450 TTM14 | 2450              |
| 1000 TTM8 | 1000              | 2520 TTM14 | 2520              |
| 1040 TTM8 | 1040              | 2590 TTM14 | 2590              |
| 1080 TTM8 | 1080              | 2660 TTM14 | 2660              |
| 1064 TTM8 | 1064              | 2800 TTM14 | 2800              |
| 1120 TTM8 | 1120              | 3136 TTM14 | 3136              |
| 1160 TTM8 | 1160              | 3150 TTM14 | 3150              |
| 1200 TTM8 | 1200              | 3304 TTM14 | 3304              |
| 1224 TTM8 | 1224              | 3360 TTM14 | 3360              |
| 1280 TTM8 | 1280              | 3500 TTM14 | 3500              |
| 1440 TTM8 | 1440              | 3850 TTM14 | 3850              |
| 1464 TTM8 | 1464              | 3920 TTM14 | 3920              |
| 1512 TTM8 | 1512              | 4326 TTM14 | 4326              |
| 1584 TTM8 | 1584              | 4410 TTM14 | 4410              |
| 1600 TTM8 | 1600              | 4956 TTM14 | 4956              |
| 1760 TTM8 | 1760              |            |                   |
| 1792 TTM8 | 1792              |            |                   |
| 1800 TTM8 | 1800              |            |                   |
| 2000 TTM8 | 2000              |            |                   |
| 2200 TTM8 | 2200              |            |                   |
| 2240 TTM8 | 2240              |            |                   |
| 2400 TTM8 | 2400              |            |                   |
| 2520 TTM8 | 2520              |            |                   |
| 2600 TTM8 | 2600              |            |                   |
| 2800 TTM8 | 2800              |            |                   |
| 2840 TTM8 | 2840              |            |                   |
| 3048 TTM8 | 3048              |            |                   |
| 3200 TTM8 | 3200              |            |                   |
| 3280 TTM8 | 3280              |            |                   |
| 3600 TTM8 | 3600              |            |                   |
| 4000 TTM8 | 4000              |            |                   |
| 4400 TTM8 | 4400              |            |                   |

TIMING BELTS

