

POWER TRANSMISSION COMPONENTS



KEILRIEMEN.AT

POWER TRANSMISSION COMPONENTS

Megadyne stocks and supplies an extensive range of pulleys and accessories like timing bars, taper bushes, flanges, clamping plates, toothed couplings SG, torsional flexible couplings SG and SG-HRC couplings to offer a complete drive transmission system.

Megadyne power transmission components can be designed to meet all the customer requirements.



PULLEYS

Megadyne can supply a complete drive system. A large range of standard and custom made pulleys are available: timing belts pulleys (metric pitch, HTD profile, GW), V-belt pulleys and adjustable pulleys.

For many kinds of industrial applications.



TIMING BARS

Timing bars are toothed steel or aluminium cylinders, available in standard or custom made to drawing.

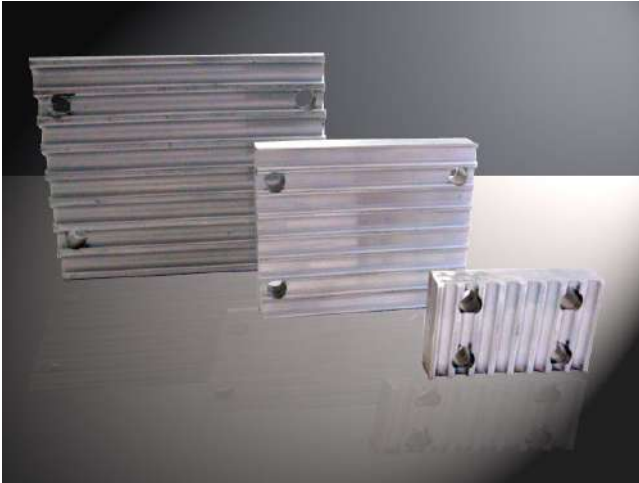


FLANGES FOR PULLEYS

Flanges on request for custom-made pulleys. Custom-made, our high-quality timing pulley flanges are ideal for:

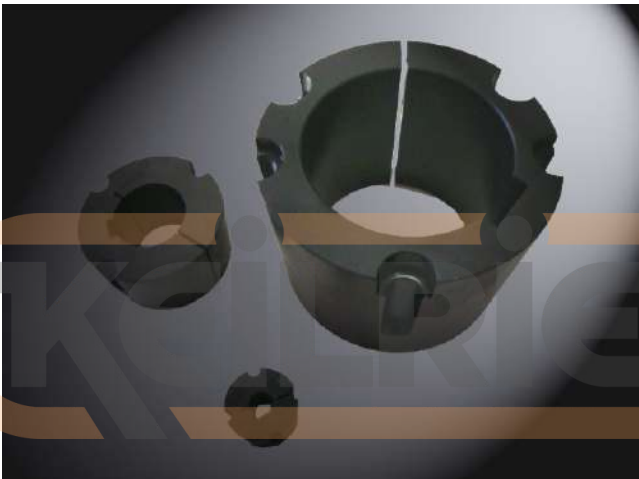
- Custom pulleys for specific applications;
- Quick and inexpensive prototypes;
- Unique material and performance specifications.

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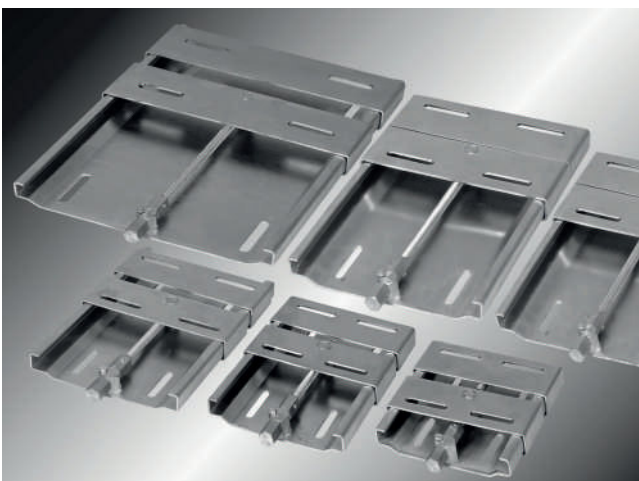
CLAMPING PLATES

Clamping Plates are used to clamp timing belt ends.



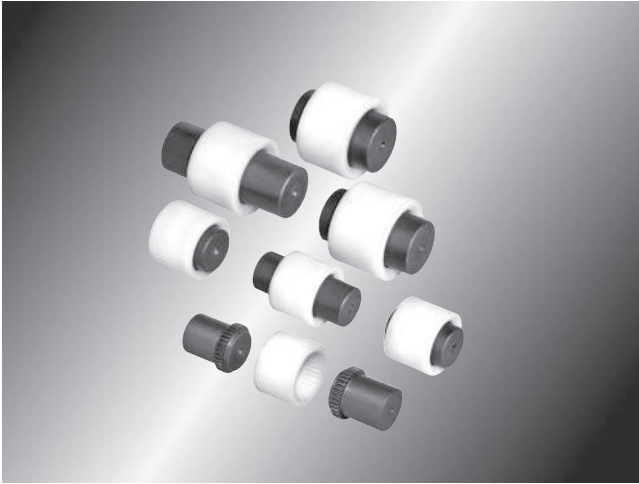
TAPER BUSHES

The taper bushes allow easy mounting and quick removal of the transmission, thus eliminating the clearance between shaft and bore. Megadyne is able to provide a range of different types of taper bushes, each with a wide range of hole diameters and different types of keyway.



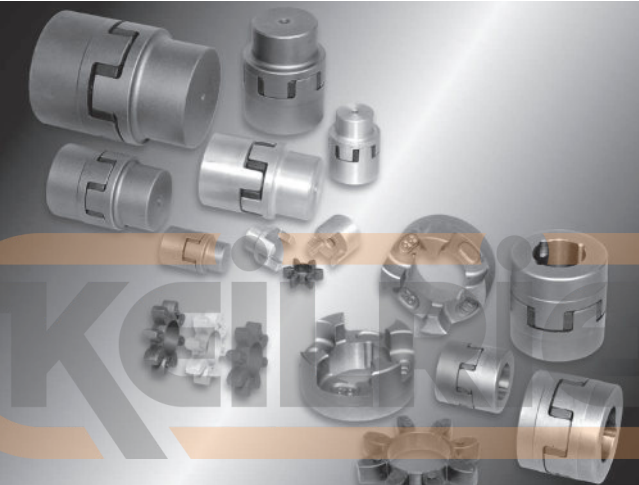
MOTOR SLIDES FOR ELECTRIC MOTORS

The motor slides for electric motors allow the tension adjustment or disassembly of the belt without removing the electric motor.



TOOTHED COUPLINGS SG

Flexible gear coupling with double curving.



TORSIONAL FLEXIBLE COUPLINGS SG

Couplings are elements connecting two rotating shafts. The design of flexible couplings is characterized by two cast iron hubs having each stubby protrusions around their perimeters pointing toward the opposite hub.

The two hubs mesh loosely together, and the gaps between them are filled with blocks of elastomeric material, moulded into an asterisk-shaped element called "spider".



SG-HRC COUPLINGS

SG-HRC Couplings are essentially general purpose couplings with a flexible element which can accommodate higher degree of misalignment.

MEGADYNE DTM MICRO



The **MEGADYNE DTM-MICRO** is used to determine the tension of a drive belt, by measuring the frequency of the static belt. Employing the latest microprocessor technology, offers ease of use with precise measurement results. Measuring the acoustic frequency, this device can be used for all types of Power Transmission belts:

- V-Belts
- PV Belts
- Timing Belts
- Etc

The DTM-MICRO can operate regardless of pitch, colour, length, width and reinforcement type. Measuring the frequency produced by the belt, the DTM-MICRO accurately calculates and displays the reading. The frequency is directly proportional to the belt tension. The higher the frequency, the higher the belt tension is. The Kit includes:

- DTM-MICRO Tension Meter
- Sensing Head
- Connector Cable
- Carrying Case
- Instruction Manual



MEGADYNE BELTS MEASURING GAUGE

Measurement range from 500mm to 2500mm internal length (Li).

Megadyne belts measuring gauge can be easily mounted on the wall.

