

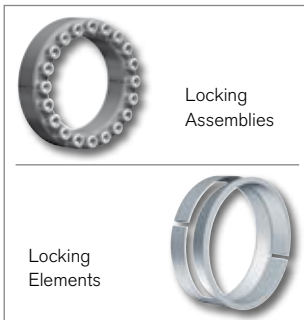
# Welcome to your system supplier for every aspect of power transmission



Locking Devices, Damping Technology



## Locking Assemblies, Locking Elements



- Internal Locking Assemblies clamp connection
- Wide range of standard Locking Assemblies from 6-1000 mm shaft diameter
- Safe transmission of high torque loads
- Custom made solutions
- Backlash-free
- Optional GSA units in INCH sizes in Aluminum 1/4-39 inches
- Optional stainless steel

## Shrink Discs



- External clamping devices
- Wide range of standard Shrink Discs from 12-500 mm (0,472-19,685 in) shaft diameter
- Safe transmission of high torque loads
- Optional stainless steel

## Smart-Lock



- Cylindric bushings allow variable adaptations (inch, metric)
- Free of wear and fretting corrosion
- Economical, minimal spare part costs
- Bridging of large tolerances
- Flexible, backlash free

## Friction Spring



- High spring work combined with low weight and volume
- High damping potential
- Overload-safe in blocked position
- Independent of loading rate
- Diagram independent of ambient temperature
- Maintenance-free

Partner for Performance

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## Barrel Couplings



- Compensates for axial and angular misalignment
- Wear indication
- Torques up to 685000 Nm
- High torques with simultaneous absorption of radial forces

## TSCHAN® TNR



- Dynamic adjustable stiffness: elastic to highly elastic transmission capability
- Torque: 144–9600 Nm
- Good vibrations damping
- Maintenance-free operation
- Temperature range: -30 °C to +150 °C (-22 °F to 300 °F)

## Servo-Insert Couplings



- Backlash-free
- Vibration damping
- Plug-in mounting
- Compensation of shaft-misalignment
- Torque from 0.5 – 650 Nm (0.4-480 lb-ft)
- Optional stainless steel

## Torsionally Rigid Disc Couplings



- High torsional stiffness
- High transmissible torques
- Can be used up to temperatures of approx. 240 °C (460 °F)
- Maintenance-free operation
- Differential shaft-hub connection

## Safety Couplings



- Backlash-free torque transmission
- High-speed disengagement
- Roller design for highest dynamic loads
- Modular System
- Optional stainless steel
- Non backlash-free version available