

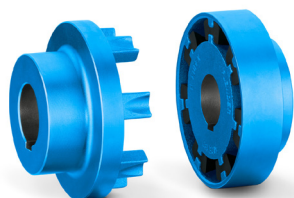
Angst+Pfister – Your partner for coupling technology



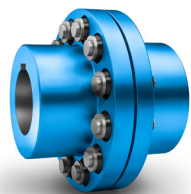
Angst+Pfister is the right partner for any type of drive transmission application. Additionally to our engineering support and global logistics, we can provide you with top quality couplings that can be used in every industrial application with absolute reliability. Thanks to our extensive experience with drive technology, we can advise you to choose the right coupling according to your needs.

The mechanical drive train comprises individual units such as motor, gear unit and driven machine. The coupling connects these component assemblies. As well as the transmission of rotary motion and torque, other requirements may be taken into account when choosing the right coupling:

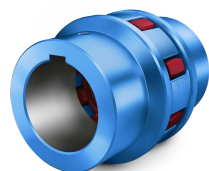
- Compensation for shaft misalignment where restorative forces are low
- Compensation for shaft displacement with low restorative forces
- Control of characteristic angular vibration frequency and damping
- Interruption or limitation of torque
- Noise insulation, electrical insulation



N-EUPEX



RUPEX



N-BIPEX



HRC

1 FLEXIBLE COUPLINGS

Flexible couplings are usually used to transmit torque from one shaft to another when the two shafts are slightly misaligned. In rotating shaft applications a flexible coupling can protect the driving and driven shaft components (such as bearings) from the harmful effects of conditions such as misaligned shafts, vibration, shock loads, and thermal expansion of the shafts or other components. This type of coupling is suitable especially for drives with uniform to average dynamic loads. Examples of applications are pump drives, ventilator drives or crane running gear.

Your benefits:

- Reliable transmission of torque in case of shaft misalignment (angular and parallel)
- Suitable for vibration damping and noise reduction
- Suitable for vertical mounting position
- Low degree of maintenance

2 HIGHLY FLEXIBLE COUPLINGS

Due to their low torsional rigidity and good damping properties, highly flexible couplings are suitable for connecting non-uniformly working machines.

Because of their low torsional stiffness and damping capacity, highly flexible couplings are especially suitable for coupling machines with a highly non uniform torque pattern. These couplings are also suitable for connecting machines with high shaft misalignment.

Examples of applications are pump drives or compressors drive.

Your benefits:

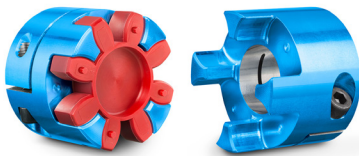
- Transmission of torque possible with nearly no circumferential backlash
- Compensates very large axial, radial and angular misalignment (e.g. on flexibly installed machines)
- Easy removal and fitting of flexible elements for Fenaflex
- Long durability even under extreme operating conditions for double loop



Double Loop



Fenaflex



BIPEX-S



SIPEX

3 BACKLASH-FREE COUPLINGS

In the area of backlash-free couplings we offer you a large range of types and sizes in the two model ranges BIPEX-S® und SIPEX® for problem-free installation.

The SIPEX metal bellow coupling has high torsional stiffness and angle-preserving torque transmission.

The BIPEX-S elastomer coupling is vibration-damping and electrically insulating.

Examples of applications are positioning drive, stepping motors and machine tools.

Your benefits:

- Positioning accuracy
- Almost completely maintenance- and wear-free
- Low moment of inertia
- Suitable for a range of installation requirements to different hub versions, and very easy to install
- Very compact

For technical support or for your individual consultation, please feel free to contact our product specialists.

Contact

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