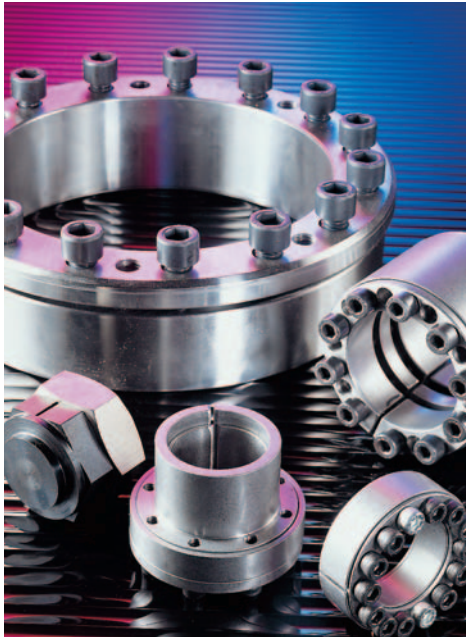




SHAFT LOCKING DEVICES



Shaft locking systems for shaft diameters from 6mm to over 1000mm.

BIKON/DOBIKON

Shaft to hub assemblies are friction based, releasable locking devices for the transmission of torque and axial thrust without the need for keyways or other axial location. Large torques can be transmitted with zero backlash under alternating stress conditions. The simplicity of assembly and unlimited reversibility of the locking devices permits quick simple removal and replacement of machine elements mounted on shafts. All BIKON locking devices reduce imposed shaft stresses when compared with systems based on thermal shrinkage, tapered or flat keys which can result in smaller diameters with up to 60% savings in material.

- Fifteen standard designs dependant on application requirements.
- Shaft diameters over 1000mm.
- Torques up to 2,970,000Nm.
- Axial thrust up to 5940N.
- Special customer designs available on request.
- Suitable for pulleys, drums, sprockets, gears.
- Option to reuse after being dismantled.

BIKON – LOCK

Shaft to hub assemblies which are easily locked or released by means of a single nut. BIKON – LOCK devices are ideal for applications which require frequent dismantling or replacement of machine components.

- Six standard sizes.
- Shaft diameters from 6mm to 55mm.
- Transmittable torque up to 4000Nm.
- Special materials available on request.
- Rigid disconnect shaft coupling arrangement available up to 1910Nm transmittable torque.

SHRINK DISC

- Free from backlash.
- 4 standard options.
- Other options available on request.
- Shaft diameters 15mm – 250mm.

BIKON – HYDRO PRESS

A mechanical/hydraulic clamping system which does not require any additional appliances for assembly or disassembly. Short compact construction. Surfaces remain undamaged and detachable even if subject to overload conditions.

- Shaft diameters from 100mm to over 500mm.
- Transmittable torque up to 740,000Nm.

Different series of locking device can offer the following:

- Self centering accuracy.
- No axial displacement during installation.
- No special machine required.

TO VIEW THE BIKON WEBSITE [CLICK HERE](#)