

SHAFT LOCKING DEVICES



SLD 1500
Most Popular



SLD 1750/1450
Self-Centering Flanged



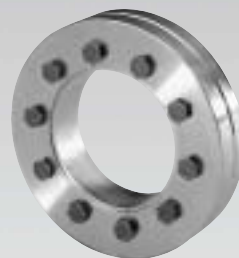
SLD 1900
Low Profile Flanged



SLD 2600
Heavy Duty



SLD 1850/1350
Self-Centering



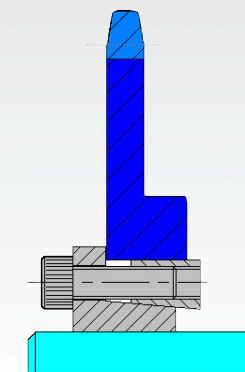
SLD 900
External Shrink Disc

Lovejoy® Shaft Locking Devices connect hubs solidly to shafts, using a keyless mechanical interference fit, to transmit torque or to withstand axial thrust.

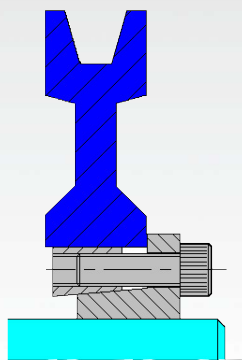
Easy installation allows components to be positioned more accurately on the shaft, and can facilitate angular timing.

Features:

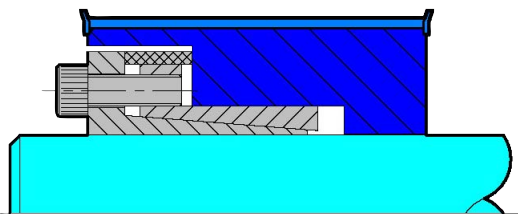
- Easy installation & removal without damaging the shaft or hub means less costly maintenance
- Can be mounted over existing keyways eliminating the cost of re-machining damaged or worn keyways
- Eliminate the need for keyways on new designs
- Zero backlash of components by creating a mechanical interference fit between shaft and mounted component that has no movement - hence no wear
- Accommodates axial positioning on shaft to allow accurate alignment of parts
- Infinitely radially adjustable to allow for timing/synchronization
- Transmits high torque & axial loads
- Impervious to reversing, dynamic, and shock loads



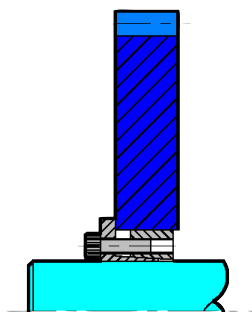
Sprocket with Shaft Locking Device



Sheave with Shaft Locking Device



Timing belt pulley with Shaft Locking Device

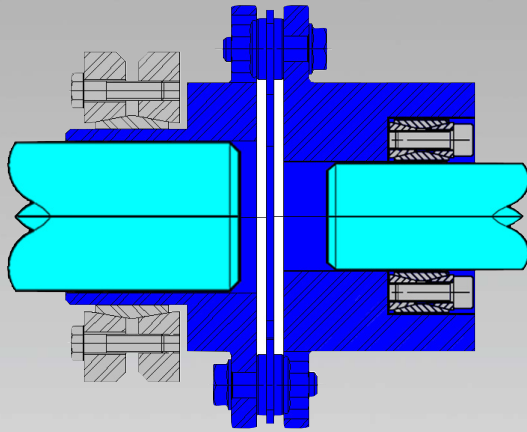


Gear with Shaft Locking Device

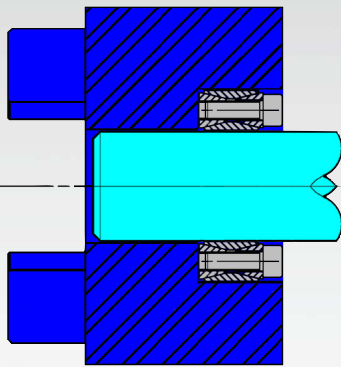


Conveyor pulley with Shaft Locking Device

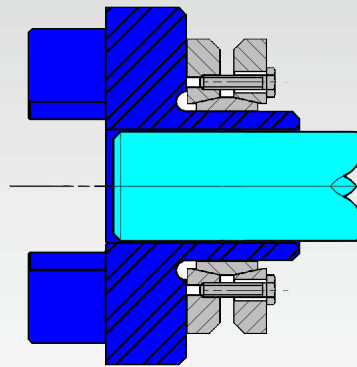
SHAFT LOCKING DEVICES



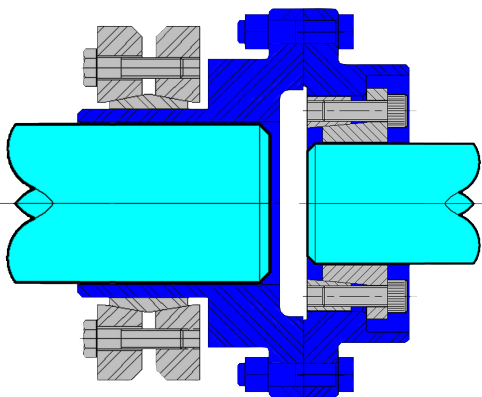
Disc Coupling with External and Internal Shaft Locking Devices



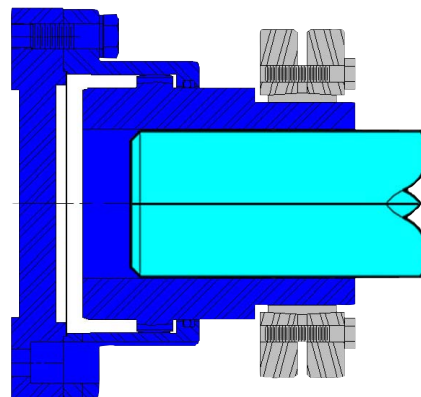
Steel Jaw Coupling half with Internal Shaft Locking Device



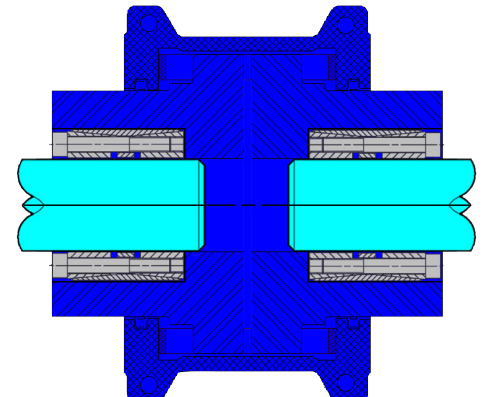
Steel Jaw Coupling half with External Shaft Locking Device



Rigid Coupling with External and Internal Shaft Locking Device



Gear Coupling with External Shaft Locking Device



Grid Coupling with Internal Shaft Locking Devices

Lovejoy® Shaft Locking Devices connect couplings solidly to shafts, using a zero backlash, keyless mechanical interference fit, to transmit torque and to withstand axial thrust.

Easy installation allows components to be positioned and when necessary, re-positioned more accurately on the shaft. Angular timing is also made easy, and the coupling takes less time to install than traditional interference fits.

Features:

- Easy installation & removal without damaging the shaft or hub means less costly maintenance
- Can be mounted over existing keyways eliminating the cost of re-machining damaged or worn keyways
- Zero backlash of coupling connection by creating a mechanical interference fit between shaft and coupling that has no movement - hence no wear
- Solid connection between shaft and coupling means no fretting corrosion
- Accommodates axial positioning on shaft to prevent pre-stressing the coupling
- Infinitely radially adjustable to allow for timing/synchronization
- Transmits high torque & axial loads
- Impervious to reversing, dynamic, and shock loads