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
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