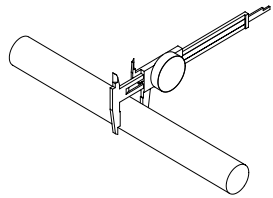


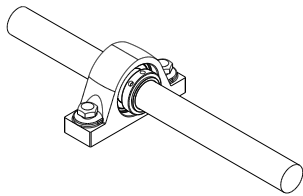
STANDARD BEARING INSTALLATION

TURNER BEARING PREPARATION AND MOUNTING INSTRUCTIONS



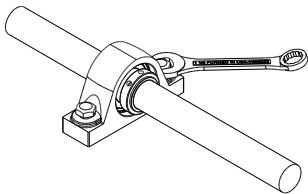
Step 1 - Shaft Preparation

Wipe the shaft clean and remove any burrs that could restrict the installation or deform the bearing ring when the setscrews are tightened down. Proper shaft diameter is CRITICAL. Check the shaft diameter against the specifications shown in Table 13B (page 13). Undersized shafting is one of the leading causes of reduced bearing life. If the shaft is not within the tolerance shown in Table 13B, use may result in reduced bearing life.



Step 2 - Mounting

Slide the bearing on the shaft to the desired position. DO NOT use anti-seize style lubricant on the shaft or bearing. Leave any setscrews loose on the shaft.



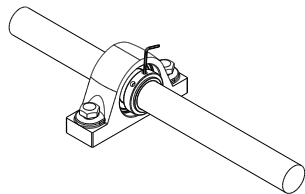
Step 3 - Base Preparation

Make sure that the base of the mounted bearing and support surface are clean and flat. Any unevenness in the surface can interfere with proper bearing alignment and lead to premature failure. Securely fasten the mounted bearing to the support surface using the machinery manufacturer's recommendations.

TURNER BEARING TIGHTENING INSTRUCTIONS

Concentric Collar Tightening

NOTE: Turner recommends applying an anaerobic locking compound to cap screws before tightening. A general purpose, medium strength option like Loctite 243 threadlocker is acceptable.



Begin tightening both setscrews down alternately until both setscrews are locked to the shaft at the proper torque shown in Table 13A (page 13).

TURNER MOUNTED BEARING REMOVAL INSTRUCTIONS

Removal Instructions

Loosen the setscrews from the shaft. Then unbolt the housing from the support surface. Often the bearing will adhere to the shaft. In this situation use a bearing puller or hammer and drift to remove the bearing.

For spherical flange cartridge bearings (SFC series), there are threaded removal holes to aid in backing the housing out of the cartridge hole.

These removal holes are designated by the dimension "S" and the appropriate thread size is listed for each housing on the SFC series (page 8). For convenience, pry-slots are located 90 degrees from the threaded removal holes.

TABLE 13A SETSCREW SIZE AND TIGHTENING TORQUE

Bearing Shaft Diameter (in.)	Setscrew	
	Thread (TPI)	Torque (in-lbs)
1 15/16 - 2	3/8"-24	325
2 3/16 - 2 1/4	3/8"-24	325
2 7/16 - 2 1/2	1/2"-20	680
2 11/16 - 3	1/2"-20	680
3 7/16	1/2"-20	680
3 15/16	5/8"-18	1330

TABLE 13B INCH-DIMENSION SHAFT TOLERANCE

Shaft Diameter (in.)	Shaft Tolerance (in.)
1 - 2	+0.000 / -0.001
2 1/16 - 4	+0.000 / -0.0015