

Couplings/Motors

Couplings Motors

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High Rigid Disk Clamping Keyless Couplings (P.788-792)

Features

- Machining on shafts such as key groove is not required.
- No machining on shafts retains the strength of shaft.
- Easy positioning.
- No backlash.

Installation

- (1) Wipe off the shaft surface and apply oil or grease.
(Do not use any oil or grease containing molybdenum type elimination agent.)
- (2) Apply oil and grease on contact surfaces of couplings inner diameter as well.
Apply oil or grease to the thread and seat of lock bolt.
- (3) Insert coupling to the shaft.
(Please do not tighten clamping keyless flange to the bolt before inserting the shaft.)
- (4) After locating, tighten the lock bolts using a torque wrench in the diagonal line order, beginning lightly (approx. 1/4 of the predetermined tightening torque).
- (5) Tighten the bolts further to an increased torque (approximately 1/2 specified torque).
- (6) Tighten with the predetermined tightening torque.
- (7) Finally, tighten the lock bolt in circumferential order.

Cautions

- After inserting coupling to the shaft, tighten the lock bolt.
(Bushing may deform if the bolt is tightened before inserting the shaft.)
- Use torque wrench to tighten the lock bolt.
- Do not use bolt other than those attached for lock bolt.

Removal

- Be sure to work after the system is completely shut down.
- Loosen the lock bolt in circumferential order.
- Insert bolt in screw hole for removal and tighten evenly.
- Repeat "Installation" process for re-installation.