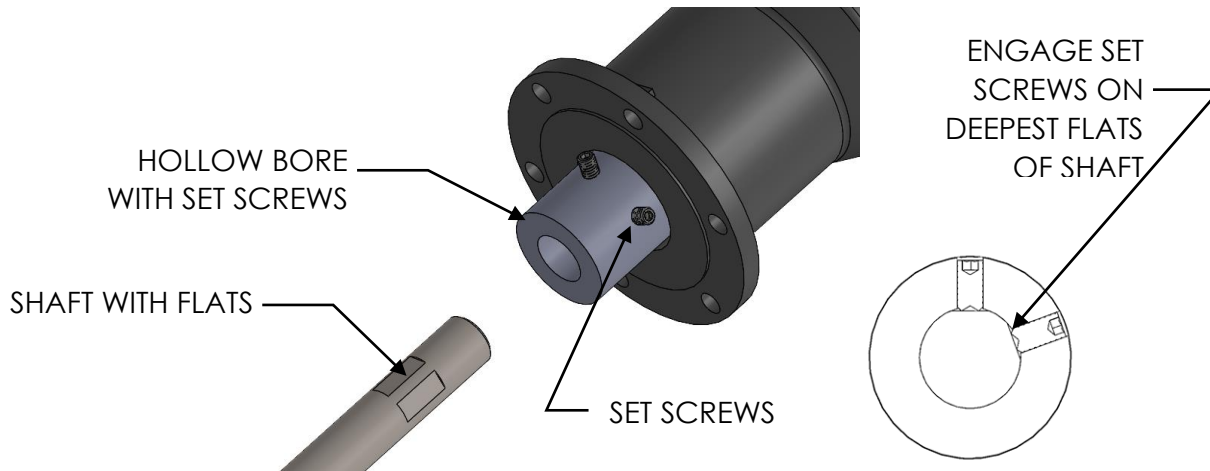


Shaft Installation - Hollow Arbor with Set Screws

The following section provides instruction on the installation of a shaft with flats into a hollow bore in the bearing housing.

Exploded View of Assembly



CAUTION: PINCH POINTS & SHARP EDGES MAY BE LOCATED IN THIS AREA

Check bore and end of shaft for burrs before installing shaft into hollow bore. Remove burrs with fine abrasives such as a medium Scotch-Brite or 120 grit sand paper.

To avoid binding in the future and ease of installation, apply process-compatible grease or anti-seize compound on the drive end portion of the mixer shaft.

Back out set screws so they are clear of the bore. Guide the shaft in the hollow bore of the bearing housing. Align the shaft flats with the hollow bore's set screw locations. Be sure to slide the shaft into the bore slowly and gently. The tolerances are very tight to keep concentricity and limit vibration. **If the shaft is forced, it will gall and the mixer will be damaged. This damage is not covered under warranty.** Light tapping from a plastic mallet may be required for large diameter shafts to slide the shaft into the hollow bore. The shaft will bottom out in the hollow bore.

Rotate the shaft within the hollow arbor while snugging the first set screw to locate the deepest part of the flat. **SET SCREWS MUST GO ONTO FLATS TO AVOID GALLING.** Snug the second set screw securely to the shaft. Remove the first set screw and apply service removeable thread-locking compound (Blue 242 Loctite or similar) to the threads. Reinstall first set screw onto shaft flats, tighten and torque as required (**see Torque Chart on page 2 of Installation Section**). Remove the second set screw and apply thread-locking compound to the threads. Reinstall second set screw onto shaft flats, tighten and torque as required. **NOTE: SOME THREAD-LOCKING COMPOUNDS ACT AS A LUBRICANT, REQUIRING TORQUE SETTINGS TO BE ADJUSTED. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR THIS ADJUSTMENT.**