

Torque Limiter

1. Align the shafts and shim components as needed to bring into alignment. Shafts should be aligned to within 0.010" parallel, 1.0° angular, and axial shaft separation to match the shaft engagements shown in the catalog.
2. Examine shaft and clean as necessary. Shaft surface should be clean and free of corrosion.
3. Mark the aligned location and remove either the driver or driven component to allow the torque limiter to be slid onto the shaft, with a shaft key in place.
4. Reinstall the driver or driven component that was removed to the aligned location, installing the shaft into the bore of the torque limiter, with a shaft key in place.
5. Shafts should protrude into the bore of the torque limiter at a minimum 1/2 the bore depth listed in the catalog and maximum to that bore depth.
6. Confirm alignment of the connected shafts by rotating and moving the coupling axially. If the torque limiter does not move freely, the shaft alignment needs to be redone (repeat step 1).
7. Tighten setscrews to secure the torque limiter to the shafts.

