

Now Available From KOP-FLEX Hydraulic Removal and Installation Kits For Keyed and Keyless Hubs

Why Do You Need This Kit?

- The use of heat in hub installation and removal is cumbersome.
- Time-consuming and sometimes restricted by specific safety codes.
- The risk of damaging the coupling parts by overheating is eliminated.
- The potential of scoring the bore or the shaft is minimized due to the inherent lubrication of the surfaces in contact.
- Maintenance work is simplified. Hydraulic kit is packaged in a durable tool box for safe storage.

System Capabilities

- Designs for any combination of hub to shaft connections; tapered or straight, single or doubled - *keyed*.
- Max interference rate; 0.0012".
- New applications or retrofits of existing hubs.
- No shaft size limitation.
- Repeated installation or removal sequences without damage of the contact surfaces.
- Standardization of components for minimum inventory.
- Low cost hydraulics, 10,000 psi rating.

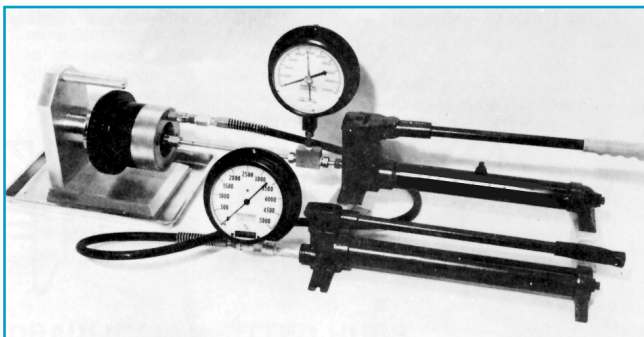
Technical Assistance

- Detailed operation instructions are furnished upon delivery.
- Demonstration can be arranged in our facilities.
- Training sessions for maintenance personnel.
- On site assistance by KOP-FLEX service engineers.

(Contact KOP-FLEX for service rate schedule)

A typical kit consists of high and low pressure pumps, gauges, and hoses with pusher/cylinder assembly and puller. (See Photo Bottom)

Contact KOP-FLEX for a Quotation!



KOP-FLEX Can Also Offer:

- On-site expert KOP-FLEX service engineers for coupling installation.
- Matched sets of plug and ring gauges manufactured from heat-treated alloy steel.
- Moment simulators - distance from end of shaft to the outboard bearing is needed. Moment simulators also used as an adapter plate.
- Adapter/Solo plates available for a flex half coupling to allow uncoupled operation of equipment.
- Drill templates - when a coupling is used with integral flanged shaft end, a drill template may be required. Kop-Flex can supply a one-time use template or multi-use template.
- Two-piece stop rings can be provided to limit and set the advance of the hydraulically fitted coupling hubs during installation.

Plug and Ring Gages



Other Options Available

- Speed Pick-Up Teeth
- Turning Gear Teeth
- Coupling Coatings
- Electrically Insulated
- Laterally Tuned Coupling
- Torsional Tuned Coupling
- Key Phasor Slot
- Labyrinth Seal
- Seal Surface
- Overload Protection
- Shear Spacer Section
- Shear Pin Cartridges
- Special Balancing
- Special Markings
- Long Spacers
- Axial Probe Reading Surfaces
- Alignment Tool Surfaces
- Shaft Flange Mounting