



**Steel Wedge  
Stoppers**

**Reliable Connections™**

## **Maintenance Instructions**

This Mueller® Steel Wedge Stopper is of the latest design providing a mechanical means of retracting steel cylinder part to a slightly smaller diameter than original to facilitate easy removal after shut-off. Suggested disassembly method to remove center screw and wedges for cleaning and relubrication follows:

1. Remove hexagon nuts and clamp bars from top and bottom of stopper assembly.
2. Unscrew bottom wedge from center expander screw.
3. Remove top expander wedge and center expander screw.
4. Unscrew top wedge from expander screw, clean wedges and lightly relubricate outer web contact surfaces with light cup grease. Clean expander screw and relubricate threads with heavy gear oil.
5. Reassemble top wedge on center expander screw positioning top threads on expander screw flush with bottom of recess in top wedge.
6. Place top wedge and expander screw assembly in cylinder assembly with lug aligned with by-pass opening in cylinder assembly. Roll-pins on top wedge to straddle one web in cylinder assembly.
7. Reassemble bottom wedge onto center expander screw positioning it so that top and bottom wedges just contact webs in cylinder assembly. Center expander screw should not rotate during this operation.
8. Reassemble clamp bars and hexagon nuts to top and bottom being sure the locking wedge in the bottom expander wedge is positioned between two clamp bars.
9. Expander stopper in protector sleeve.

*(continued)*

## **Maintenance Instructions (*continued*)**

**CAUTION:** To prevent stopper from becoming oversized expand only in protective sleeve or installed fitting.

When inserting stopper after it contacts bottom of fitting reverse rotation of operating tube screw and rotate clockwise three (3) full turns to provide adequate clearance for free expansion of stopper.

## **Phone: (800) 798-3131**

By deviating from the above listed instructions, you will void any product warranty and release Mueller Co. and its affiliated entities from any and all liability associated with the installation or use of this product. For details on the product's warranty, terms, and conditions, please visit [www.muellergas.com](http://www.muellergas.com).

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