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## **TOP-FLO® Plug Valves**

### **Proper Care and Maintenance**

Plug Valves, because of their inherent design, are recommended only for low pressure applications ... 25 psi maximum; for use with non-hazardous products, and at temperatures not to exceed 100°F. They are subject to leakage almost from the initial time of installation because of normal operating, maintenance, and COP cleaning (Clean-Out-of-Place) procedures.

**CAUTION:** Butt-Weld End dimension is minimum center to face length and will require skillful welding techniques and proper cooling of valve body to prevent warpage.

- Provide a separate cleaning tank for valves to minimize risk of damage. Never throw valve plugs into cleaning tank.
- Wash one valve at a time. Valve bodies and plugs are "MATED" with identical numbers. They are not interchangeable. Reassemble immediately to avoid mis-mating.
- To open or close the valve, loosen the bottom wing nut, and then RAP the nut/stud to break the seal. Never hammer the handle on the plug to turn the valve. Never open or close the valve while the pump is running.
- When removing the plug never let the threads strike the valve body. Nicks can cause leaks.
- Inspect plugs for nicks or scratches after cleaning. Small nicks or scratches can be removed with a very fine file.
- Never over tighten the bottom wing nut. If a valve is leaking, look for improper installation.
- If normal tightening does not stop a leak - shut off the valve and disconnect outlet. Re-apply normal pressure. If leak stops you will know it is caused by improper installation or expansion and contraction.
- For proper performance a sanitary lubricant can be used.
- The plug Valve is COP only. (Clean-Out-OF-PLACE)

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