



**Valtorc International**

*"Actuated Valve Specialists"*

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## INSTALLATION AND MAINTENANCE INSTRUCTIONS FOR VALTORC® BALL VALVES

### One Piece, Two Piece, and Three Piece Valves (Brass, Stainless Steel, Carbon Steel)

- Valves may be installed in any position utilizing standard pipe fitting practices.
- **Never** try to disassemble the valve when it is under pressure.
- **Welding Ends (Socket Weld):** To keep from destroying soft parts, remove the two bolts, open valve and lift out body section prior to welding. In order to maintain bolting alignment between body and body ends, the body ends can be tack welded in place before removing the center section (body). This must be done with caution so as not to distort soft parts.
- Periodically check and tighten all threaded connections.
- For Two Piece Valves Only: This is a bi-directional valve and may be installed with flow in either direction.

### One and Two Piece Flanged Valves (Stainless Steel, Carbon Steel)

- **Never** try to disassemble valve when it is under pressure.
- If this valve is to be installed between two mated welding flanges, it is permissible to tack weld the flange in place with the valve in line in order to align bolt holes however the valve should be removed until after the welded area has cooled to prevent heat distortion of soft parts.
- **Stem Packing Adjustment:** If leakage is evident in the stem packing area, tighten adjusting nut (1/2"-2") or the gland bolts (3"-6") 1/4 turn. If leak persists, repeat tightening. Replacement of stem packing is indicated if the leak is apparent after 1/2 turn.
- For Two Piece Flanged Valves Only: This is a bi-directional valve and may be installed with flow in either direction.

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