70-400 Series
Single Union End Solder Bronze Ball Valve

Solder Ends, Single Union End, 600 psig WOG, Cold Non-Shock.
150 psig Saturated Steam, Vacuum Service to 29 inches Hg.
MSS SP-110; Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends.

FEATURES
- Chromium plated ball
- RPTFE seats and stuffing box ring
- Fluorocarbon O-Ring sealed single union requires only light torque to seal
- Blow-out-proof stem design
- Adjustable packing gland

STANDARD MATERIAL LIST
1. Lever and grip Steel, zinc plated w/vinyl
2. Stem packing RPTFE
3. Stem bearing RPTFE
4. Ball B16, chrome plated
5. Seat (2) RPTFE
6. Retainer B16 or B584-C84400
7. Gland nut B16
8. Stem B16
9. Lever nut Steel, zinc plated
10. Body seal (1-1/4” to 2”) PTFE
11. Body B584-C84400
12. Tailpiece B16 or B584-C84400
13. Union nut B16 or B584-C84400
14. Union seal Fluorocarbon

OPTIONS AVAILABLE:
-02- Stem Grounded 3/8” to 2”
-03- 1-1/4” CS Stem Extension 3/8” to 2”
-04- 2-1/4” CS Stem Extension 3/8” to 2”
-05- Plain Ball
-07- Steel Tee Handle
-08- 90° Reversed Stem 3/8” to 2”
-10- SS Lever & Nut 3/8” to 2”
-14- Side Vented Ball (Uni-Directional) 3/8” to 2”
-15- Wheel Handle, Steel 3/8” to 2”
-16- Chain Lever - Vertical 3/4” to 2”
-17- Rough Chrome Plated - Bronze Valves 3/8” to 2”
-18- Plain Yellow Grip 3/8” to 2”
-20- Slot Vented Ball (Bi-Directional) - Bronze Valves 3/8” to 2”
-21- UHMWPE Seats (Non-PTFE) 3/8” to 2”
-24- Graphite Packing
-27- SS Latch-Lock Lever & Nut 3/8” to 2”
-30- Cam-Lock and Grounded 3/8” to 2”
-32- SS Tee Handle & Nut 3/8” to 2”
-35- VTFE Trim 3/8” to 2”
-45- Less Lever & Nut 3/8” to 2”
-46- Latch-Lock Lever - Lock in Closed Position Only 3/8” to 2”
-48- SS Oval Handle (No Latch) & Nut 3/8” to 2”
-49- Assembled Dry 3/8” to 2”
-50- 2-1/4” CS Locking Stem Extension 3/8” to 2”
-56- Multifill Seats & Packing 3/8” to 2”
-57- Oxygen Cleaned 3/8” to 2”
-58- Chain Lever - Horizontal 3/4” to 2”
-61- Grounded Ball & Stem 3/8” to 2”
-63- NPT x Solder/Socket Weld 3/8” to 2”

VARIATIONS AVAILABLE:
70-420 Series (Adjustable Stop Lever)
70-440 Series (316 SS Ball & Stem)
70-450 Series (Balancing Stop)

The 70-400 is designed to be soft soldered into lines without disassembly. This allows a tested valve to be installed without disturbing the seats and seals in any way. Soldering temperature not to exceed 500°F.

SINGLE UNION END
SOLDER BRONZE BALL VALVE

For Pressure/Temperature Ratings, Refer to Page M-8, Graph No. 4