

Carbon Steel Ball Valves

two-piece bar stock body • conventional port •
blowout-proof stem • CS trim • vented ball

2000 PSI/138 bar non-shock cold working pressure (3/8"-1")

1500 PSI/103 bar non-hock cold working pressure (1-1/4"-2")◆

CONFORMS TO MSS SP-110

MATERIAL LIST

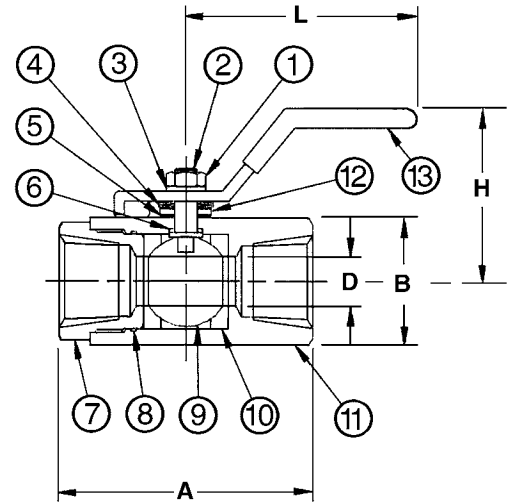
| PART | SPECIFICATION |
|--------------------------|---|
| 1. Handle Nut | Carbon Steel ASTM A 283 |
| 2. Stem | Carbon Steel ASTM A 108 Type 1045 |
| 3. Spring Washer | Carbon Steel |
| 4. Belleville Washer (2) | Carbon Steel ASTM A 686 |
| 5. Stem Packing (2) | Reinforced PTFE |
| 6. Thrust Washer | Carbon Filled PTFE |
| 7. Body End Piece | Carbon Steel ASTM A 108 Type 1018 |
| 8. Spacer Seal | PTFE |
| 9. Ball (Vented) | Stainless Steel ASTM A 276 Type 304 or ASTM A 351 Type CF8M |
| 10. Seat (2) | Reinforced PTFE |
| 11. Body | Carbon Steel ASTM A 108 Type 1018 |
| 12. Gland Washer | Stainless Steel ASTM A 240 Type 304 |
| 13. Handle | Carbon Steel ASTM A 283 |

3/8"-1" 2000 PSI CWP, 1-1/4"-2" 1500 PSI CWP.

NOTE: valves are static grounded by thrust washer and packing.



T-580-CS-R-25
Threaded



T-580-CS-R-25
NPT x NPT

DIMENSIONS—WEIGHTS—QUANTITIES

| Size | Dimensions | | | | | | | | | | T-580-CS-R-25 | | Master Ctn. Qty. |
|---------|------------|----------|---------|---------|---------|----------|------|----|--|--|---------------|--|------------------|
| | A | B | D | H | L | Lbs. | Kg. | | | | | | |
| In. mm. | In. mm. | In. mm. | In. mm. | In. mm. | In. mm. | | | | | | | | |
| 3/8 | 10 2.30 | 58 1.02 | 26 .38 | 9 2.22 | 56 4.13 | 105 .55 | .25 | 10 | | | | | |
| 1/2 | 15 2.52 | 64 1.26 | 32 .50 | 9 2.44 | 62 4.17 | 105 .79 | .36 | 10 | | | | | |
| 3/4 | 20 2.95 | 75 1.61 | 41 .69 | 13 2.64 | 67 4.17 | 105 1.43 | .65 | 10 | | | | | |
| 1 | 25 3.35 | 85 1.97 | 50 .87 | 18 2.83 | 72 5.83 | 148 2.40 | 1.08 | 10 | | | | | |
| 1 1/4 | 32 3.66 | 93 2.17 | 55 1.00 | 25 2.97 | 75 5.83 | 148 3.01 | 1.37 | 5 | | | | | |
| 1 1/2 | 40 4.11 | 104 2.64 | 67 1.25 | 32 3.25 | 83 7.00 | 182 4.86 | 2.20 | 5 | | | | | |
| 2 | 50 4.61 | 117 3.03 | 77 1.50 | 38 3.54 | 90 7.24 | 198 6.62 | 3.00 | 5 | | | | | |

Visit our website for the most current information.

◆For detailed operating pressure, refer to pressure temperature chart on page 66 and 67.