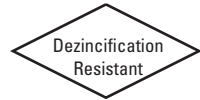


# Bronze Ball Valves

One-Piece Body • Reduced Port • Bronze Trim • Blowout-Proof Stem

**600 PSI/41.4 bar non-shock cold working pressure\***

CONFORMS TO MSS SP-110



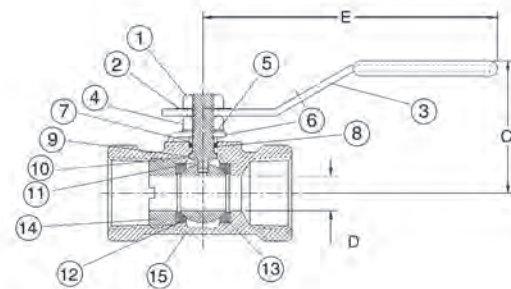
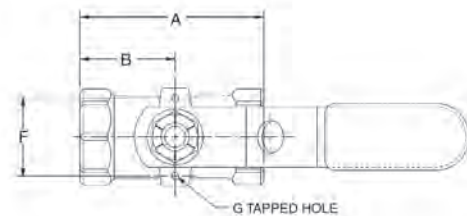
## MATERIAL LIST

| PART                        | SPECIFICATION   |
|-----------------------------|---|
| 1. Handle Nut               | Zinc Plated Steel   |
| 2. Identification Plate     | Aluminum  |
| 3. Handle                   | Zinc Plated Steel Clear Chromate<br>Plastisol Coated              |
| 4. <sup>1</sup> Packing Nut | Stainless Steel   |
| 5. Belleville Washer        | Zinc Plated Steel   |
| 6. Travel Stop              | Zinc Dichromate Plated Steel                                      |
| 7. Pack Gland               | Brass ASTM B 16 Alloy C36000                                      |
| 8. Packing                  | Reinforced PTFE   |
| 9. Grounding Washer         | Stainless Steel ASTM A 167 Type 304                               |
| 10. Thrust Washer           | Reinforced PTFE   |
| 11. Stem                    | Bronze ASTM B 371 Alloy C69430                                    |
| 12. Ball                    | Brass ASTM B 124 Alloy C37700<br>or ASTM B 16 Alloy C36000        |
| 13. Seat Ring (2)           | PTFE (Y) or Reinforced PTFE (R)                                   |
| 14. Body Insert             | Bronze ASTM B 584 Alloy C84400                                    |
| 15. Body                    | Bronze ASTM B 584 Alloy C84400                                    |
| 16. Body End Piece          | Brass ASTM B 16 Alloy C36000 (not shown)<br>1/4 and 3/8 size only |

<sup>1</sup>1/4"-3/4" ASTM A 582 Type 416. 1"-2" 300 Series.



**T-560-BR-R/Y-20**  
Threaded



**T-560-BR-R/Y-20**  
NPT x NPT

## DIMENSIONS—WEIGHTS—QUANTITIES

| Size  | Dimensions |      |     |      |    |      |    |      | T-560-BR-R/Y-20 Master |           |     |      |    |        |      |      |    |
|-------|------------|------|-----|------|----|------|----|------|------------------------|-----------|-----|------|----|--------|------|------|----|
|       | A          | B    | C   | D    | E  | F    | G  | Lbs. | Kg.                    | Ctn. Qty. |     |      |    |        |      |      |    |
| 1/4   | 8          | 2.63 | 67  | 1.34 | 34 | 1.63 | 41 | .38  | 10                     | 4.00      | 102 | 1.22 | 31 | 10-24  | .66  | .30  | 50 |
| 3/8   | 10         | 2.63 | 67  | 1.34 | 34 | 1.63 | 41 | .38  | 10                     | 4.00      | 102 | 1.22 | 31 | 10-24  | .63  | .28  | 50 |
| 1/2   | 15         | 2.63 | 67  | 1.34 | 34 | 1.63 | 41 | .38  | 10                     | 4.00      | 102 | 1.22 | 31 | 10-24  | .59  | .27  | 50 |
| 3/4   | 20         | 2.88 | 73  | 1.50 | 38 | 1.71 | 43 | .50  | 13                     | 4.00      | 102 | 1.22 | 31 | 10-24  | .82  | .37  | 50 |
| 1     | 25         | 3.31 | 84  | 1.71 | 43 | 2.00 | 51 | .63  | 16                     | 4.69      | 119 | 1.34 | 34 | 1/4-20 | 1.36 | .62  | 40 |
| 1 1/4 | 32         | 3.84 | 98  | 1.97 | 50 | 2.06 | 52 | .81  | 21                     | 4.69      | 119 | 1.50 | 38 | 1/4-20 | 2.01 | .91  | 20 |
| 1 1/2 | 40         | 4.03 | 102 | 2.03 | 52 | 2.56 | 65 | 1.00 | 25                     | 6.75      | 171 | 1.63 | 41 | 1/4-20 | 2.75 | 1.25 | 20 |
| 2     | 50         | 4.59 | 117 | 2.28 | 58 | 2.75 | 70 | 1.25 | 32                     | 6.75      | 171 | 2.06 | 52 | 1/4-20 | 4.16 | 1.89 | 10 |

Note: G holes are only tapped for actuated valves.

\*For detailed operating pressure, refer to pressure temperature chart on page 42.



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Visit our website for the most current information.