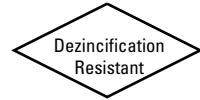


Bronze Ball Valves

Two-Piece Body • Full Port • Bronze Trim • Thread x Solder (TS) or Solder x Thread End (ST) • Blowout-Proof Stem



600 PSI/41.4 Bar Non-Shock Cold Working Pressure
150 PSI/10.3 Bar Saturated Steam ◆

CONFORMS TO MSS SP-110

MATERIAL LIST

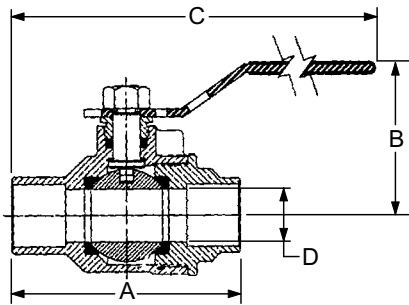
PART	SPECIFICATION
1. Handle Nut	Zinc Plated Steel
2. Handle	Zinc Plated Steel Clear Chromate Plastisol Coated
3. Threaded Pack Gland	Brass ASTM B 16 Alloy C36000
4. Packing	PTFE
5. Stem	Silicon Bronze ASTM B 371 Alloy C69300 or ASTM B99 Alloy C65100
6. Thrust Washer	Reinforced PTFE
7. Ball	Brass ASTM B 124 Alloy C37700 or ASTM B16 Alloy C36000 EACH with Hard Chrome Plate
8. Seat Ring (2)	Reinforced PTFE
9. Body	Bronze ASTM B 584 Alloy C84400
10. Body End Piece	Bronze ASTM B 584 Alloy C84400



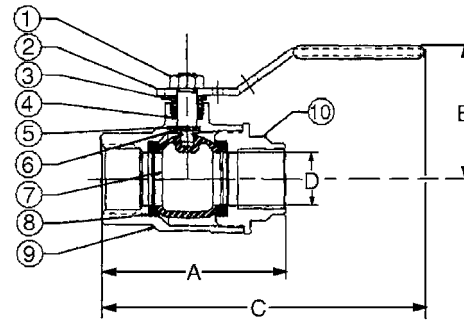
TS-585-70
Threaded x Solder



ST-585-70
Solder x Threaded



ST-585-70
NPT x C



TS-585-70
NPT x C

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions																Master Ctn.	Qty.
	TS-585-70		ST-585-70		TS-585-70		ST-585-70		D		TS-585-70		ST-585-70					
In. mm.	A	A	B	C	C	In. mm.	In. mm.	Lbs. Kg.	Lbs. Kg.	In. mm.	In. mm.	Lbs. Kg.	Lbs. Kg.	In. mm.	In. mm.			
½	15 2.55	65 2.40	61 1.88	48 5.19	132 5.25	133 .50	13 .32	.71 .32	.62 .28	100								
¾	20 3.06	78 3.09	78 2.25	57 6.25	159 6.25	159 .75	19 1.31	.60 1.29	.59 .59	50								
1	25 3.53	90 3.53	90 2.38	60 6.44	164 6.63	168 1.00	25 2.36	1.07 2.35	1.07 1.07	40								
1¼	32 4.61	117 4.63	118 3.00	76 6.75	171 7.19	183 1.25	32 3.11	1.41 3.18	1.44 1.44	20								
1½	40 5.32	135 5.32	135 3.16	80 9.06	230 9.69	246 1.50	38 4.82	2.18 5.07	2.30 2.30	10								
2	50 5.93	151 5.93	151 3.50	89 9.25	235 10.06	256 2.00	51 6.59	2.99 6.34	2.87 2.87	8								

Note: Solder end is designed to be soft-soldered into lines using solders with the melting point not exceeding 500°F. Higher temperature solders will damage the seat material. See installation sheet packaged with valves.

◆ For detailed Operating Pressure, refer to Pressure Temperature Chart on page 41.