

Bronze Ball Valves

Two-Piece Body • Full Port • Bronze Trim • Blowout-Proof Stem

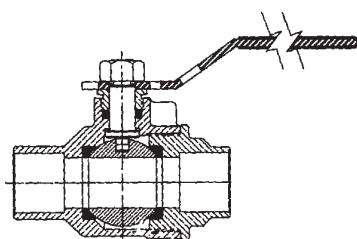
600 PSI/41.4 Bar Non-Shock Cold Working Pressure
150 PSI/10.3 Bar Saturated Steam ♦

CONFORMS TO MSS SP-110

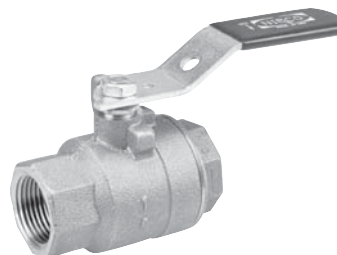
MATERIAL LIST

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	TFE
5. Stem	Silicon Bronze ASTM B 371 Alloy C69430 or ASTM B 99 Alloy C65100
6. Thrust Washer	Reinforced TFE
7. Ball	Brass ASTM B 124 Alloy C37700 or ASTM B16 Alloy C36000 with Hard Chrome Plate
8. Seat Ring (2)	Reinforced TFE
9. Body	Cast Red Bronze ASTM B 584 Alloy C84400
10. Body End Piece	Cast Red Bronze ASTM B 584 Alloy C84400

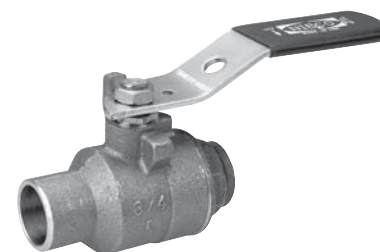
1/4" size only has a 304 stainless steel grounding washer.



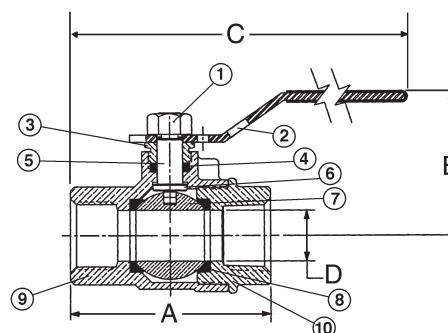
S-585-70
C x C



T-585-70
Threaded



S-585-70
Solder



T-585-70
NPT x NPT

DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions														
Size	T-585-70		S-585-70		T-585-70		S-585-70							
	A	A	B	C	C	D	T-585-70	S-585-70						
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs. Kg.	Lbs. Kg.						
1/4 8	2.00 51	1.75 44	1.75 44	5.00 127	4.75 121	.38 10	.45 .21	.42 .19					100	
3/8 10	2.00 51	1.84 47	1.75 44	5.00 127	4.81 122	.38 10	.45 .21	.42 .19					100	
1/2 15	2.44 62	2.56 65	1.88 48	5.19 132	5.25 133	.50 13	.64 .29	.60 .27					100	
3/4 20	2.94 75	3.25 82	2.25 57	6.25 159	6.25 159	.75 19	1.33 .60	1.27 .58					50	
1 25	3.34 85	3.75 95	2.38 60	6.44 164	6.63 168	1.00 25	1.79 .81	1.72 .78					40	
1 1/4 32	4.19 106	5.06 128	3.00 76	6.75 171	7.19 183	1.25 32	3.12 1.41	3.18 1.44					20	
1 1/2 40	4.72 120	5.99 151	3.16 80	9.06 230	9.69 246	1.50 38	4.78 2.17	5.12 2.32					10	
2 50	5.16 131	6.72 170	3.50 89	9.25 235	10.06 256	2.00 51	6.68 3.03	7.10 3.22					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 48.