

Bronze Ball Valves

two-piece body • full port • stainless trim • blowout-proof stem • vented ball

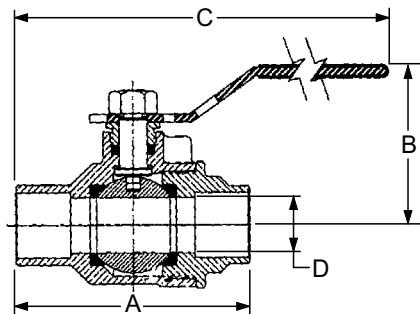
600 PSI/41.4 bar non-shock cold working pressure
150 PSI/10.3 bar saturated steam♦

CONFORMS TO MSS SP-110

MATERIAL LIST

PART	SPECIFICATION
1. Handle Nut	Stainless Steel 300 Series
2. Handle	Zinc Plated Steel Clear Chromate Plastisol Coated
3. Threaded Pack Gland	Brass ASTM B 16 Alloy C36000
4. Packing	PTFE
5. Stem	Stainless Steel ASTM A 276 Type 316
6. Thrust Washer	Reinforced PTFE
7. Ball (Vented)	Stainless Steel ASTM A 276 Type 316 or ASTM A 351 Type CF8M
8. Seat Ring (2)	Reinforced PTFE
9. Body	Bronze ASTM B 584 Alloy C84400
10. Body End Piece	Bronze ASTM B 584 Alloy C84400

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



T-585-70-66
C x C



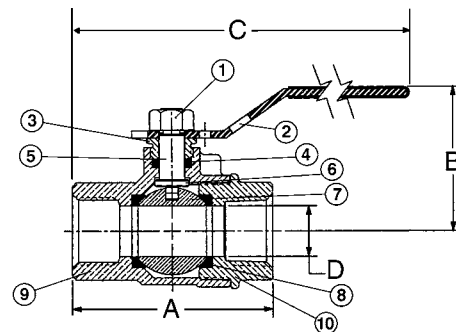
T-585-70-66

Threaded



S-585-70-66

Solder



T-585-70-66
NPT x NPT

DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions

Size	T-585-70-66				S-585-70-66				T-585-70-66				S-585-70-66				Master
	A	A	B	C	A	A	B	C	A	A	B	C	A	A	B	C	
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Ctn. Qty.
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	3.34 1.52	3.40 1.55	20								
1 1/2 40	4.72 120	5.99 151	3.16 80	9.06 230	9.69 246	1.50 38	4.84 2.20	5.18 2.35	10								
2 50	5.16 131	6.72 170	3.50 89	9.25 235	10.06 256	2.00 51	7.41 3.37	7.83 3.56	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.

**LEAD FREE
OPTION
AVAILABLE**

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♦For detailed operating pressure, refer to pressure temperature chart on page 41.