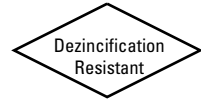


Bronze Ball Valves

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.



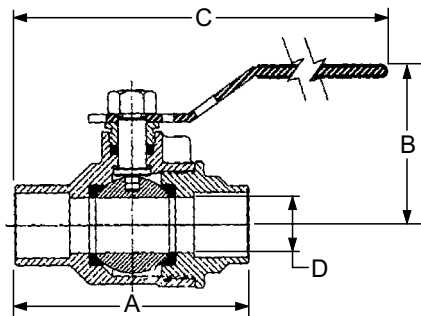
T-585-70-66

Threaded

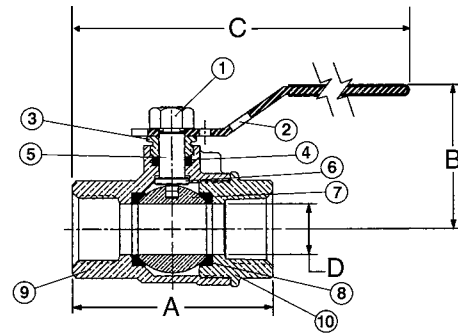


S-585-70-66

Solder



S-585-70-66
C x C



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		D	T-585-70-66	S-585-70-66	Master
	A	A	B	C	C	C	C	C				
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs. Kg.	Lbs. Kg.	Ctn. Qty.
1/4	8 2.00	51 1.75	44 1.75	44 5.00	127 4.75	121 3.8	10 4.5	21 4.2	.19	100		
3/8	10 2.00	51 1.84	47 1.75	44 5.00	127 4.81	122 3.8	10 4.5	21 4.2	.19	100		
1/2	15 2.44	62 2.56	65 1.88	48 5.19	132 5.25	133 5.0	13 1.33	.29 1.27	.60 .58	100		
3/4	20 2.94	75 3.25	82 2.25	57 6.25	159 6.25	159 7.5	19 1.79	.81 1.72	.78	40		
1	25 3.34	85 3.75	95 2.38	60 6.44	164 6.63	168 1.00	25 3.34	1.52 3.40	1.55	20		
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.

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