

Bronze Ball Valves

Two-Piece Body • Full Port • Stainless Steel Trim • Single Union Ends •
Blowout-Proof Stem

600 PSI/41.4 bar non-shock cold working pressure

150 PSI/10.3 saturated steam**

CONFORMS TO MSS SP-110

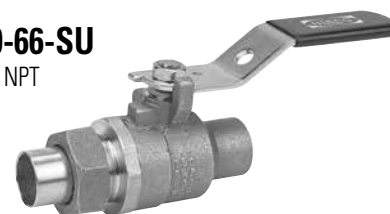
MATERIAL LIST

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. Thrust Washer	Reinforced PTFE
6. Stem	Stainless Steel ASTM A 276 Type 316
7. Ball	Stainless Steel ASTM A 276 Type 316 or ASTM A 351 Type CF8M
8. Seat Ring (2)	Reinforced PTFE
9. O-Ring	FKM
10. Tail Piece	ASTM B 124 Alloy C37700
11. Union Nut	ASTM B 124 Alloy C37700 or ASTM B 584 Alloy C84400
12. Body End	ASTM B 124 Alloy C37700
13. Body	Bronze ASTM B 584 Alloy C84400



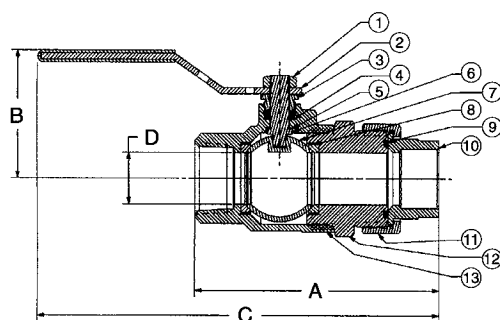
T-585-70-66-SU

NPT x NPT



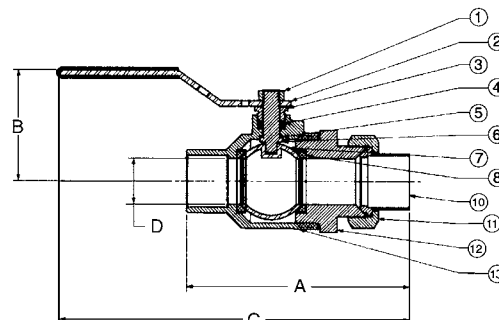
S-585-70-66-SU

C x C



T-585-70-66-SU

NPT x NPT



S-585-70-66-SU

C x C

DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions

Size	T-585-70-66-SU		S-585-70-66-SU		T-585-70-66-SU		S-585-70-66-SU		Master	
	A	B	A	B	C	D	C	D		
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs. Kg.	Lbs. Kg. Ctn. Qty.
1/2 15	3.57 91	3.32 84	1.88 48	6.22 158	6.00 152	.50 13	1.21 .59	.84 .38	40	
3/4 20	4.13 105	4.20 107	2.25 57	7.28 185	7.25 184	.75 19	1.84 .83	1.84 .83	20	
1 25	4.70 119	5.00 127	2.38 60	7.66 195	7.83 199	1.00 25	2.91 1.32	2.97 1.34	20	
1 1/4 32	5.38 137	6.09 155	3.00 76	9.97 253	10.23 260	1.25 32	4.40 2.00	4.40 2.00	10	
1 1/2 40	6.06 154	7.09 180	3.16 80	10.40 264	10.81 275	1.50 38	6.44 2.92	5.53 2.5	6	
2 50	6.38 162	7.66 195	3.50 89	10.50 267	10.97 279	2.00 51	9.44 4.28	7.40 3.35	4	

* Consult MSS SP123 for pressure temperature limitations

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

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