

# Bronze Ball Valves

Two-Piece Body • Full Port • Stainless Trim • 3/4" Hose Connection with Cap and Chain • Blowout-Proof Stem

**600 PSI/41.4 bar non-shock cold working pressure\***

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. Body	Bronze ASTM B 584 Alloy C84400
10. Hose Body End	ASTM B 124 Alloy C37700
11. 1Cap	Die Cast Brass
12. Gasket	Rubber
13. Chain	Brass

<sup>1</sup> Cap is for hose end thread protection only. Not to be used for pressure containing purposes.



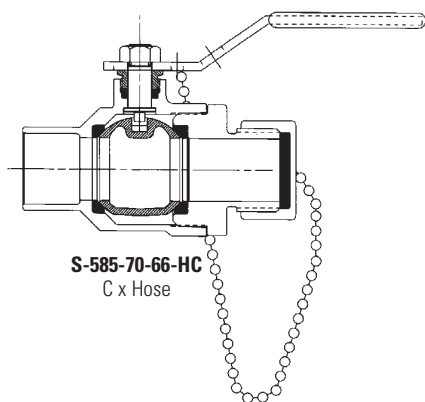
**T-585-70-66-HC**

Threaded x Hose

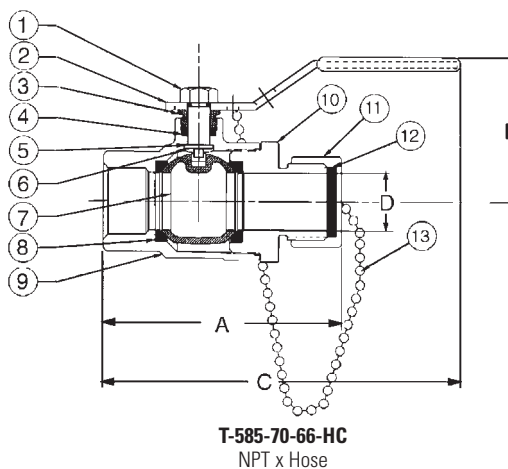


**S-585-70-66-HC**

C x Hose



**S-585-70-66-HC**  
C x Hose



**T-585-70-66-HC**  
NPT x Hose

**LEAD FREE\*  
OPTION  
AVAILABLE**

## DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions																
Size	T-585-70-66-HC				S-585-70-66-HC				T-585-70-66-HC				S-585-70-66-HC			
	In.	mm.	A		In.	mm.	A		In.	mm.	B		In.	mm.	C	
1/2	15	2.84	72		2.90	74			1.88	48	5.19	132	5.25	133	.50	13
3/4	20	3.31	84		3.47	88			2.25	57	6.25	159	6.25	159	.75	19

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 42.

**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

\*Weighted average lead content ≤ 0.25%

Visit our website for the most current information.