

# Bronze Ball Valves

two-piece body • full port • bronze trim • 3/4" hose connection  
with cap and chain • blowout-proof stem

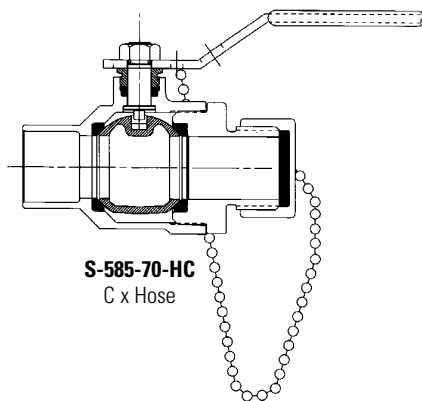
**600 PSI/41.4 bar non-shock cold working pressure♦**

CONFORMS TO MSS SP-110

## MATERIAL LIST

PART	SPECIFICATION
1. Handle Nut	Zinc Plated Steel
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	Silicon Bronze ASTM B 371 Alloy C69300 or ASTM B 99 Alloy C65100
7. Ball	Brass ASTM B 124 Alloy C37700 or ASTM B16 Alloy C36000 EACH with Hard Chrome Plate
8. Seat Ring (2)	Reinforced PTFE
9. Body	Bronze ASTM B 584 Alloy C84400
10. Hose Body End	ASTM B 124 Alloy C37700
11. <sup>1</sup> Cap	Die Cast Brass
12. Gasket	Rubber
13. Chain	Brass

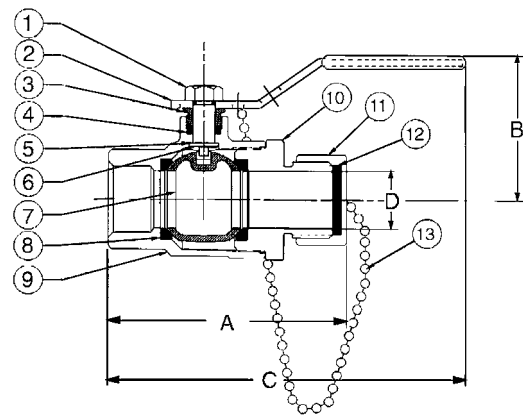
<sup>1</sup> Cap is for hose end thread protection only. Not to be used for pressure containing purposes.



**T-585-70-HC**  
Threaded x Hose



**S-585-70-HC**  
Solder x Hose



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

## DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions												
Size	T-585-70-HC		S-585-70-HC		T-585-70-HC		S-585-70-HC		D	T-585-70-HC		Master Ctn. Qty.
	In.	mm.	In.	mm.	In.	mm.	In.	mm.		Lbs.	Kg.	
1/2	15	2.84	72	2.90	74	1.88	48	5.19	132	5.25	133	100
3/4	20	3.31	84	3.47	88	2.25	57	6.25	159	6.25	159	50

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.

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