



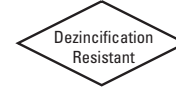
Lead-Free Bronze Ball Valves with Spring Return Handle

Spring Return Handle to Close • Silicon Performance Bronze® Alloy • Two-Piece Body • Full Port • Blowout-Proof Stem

600 PSI/41 bar non-shock cold working pressure

Lead-free markings: Double oval in body casting, white handle and blue hang tag

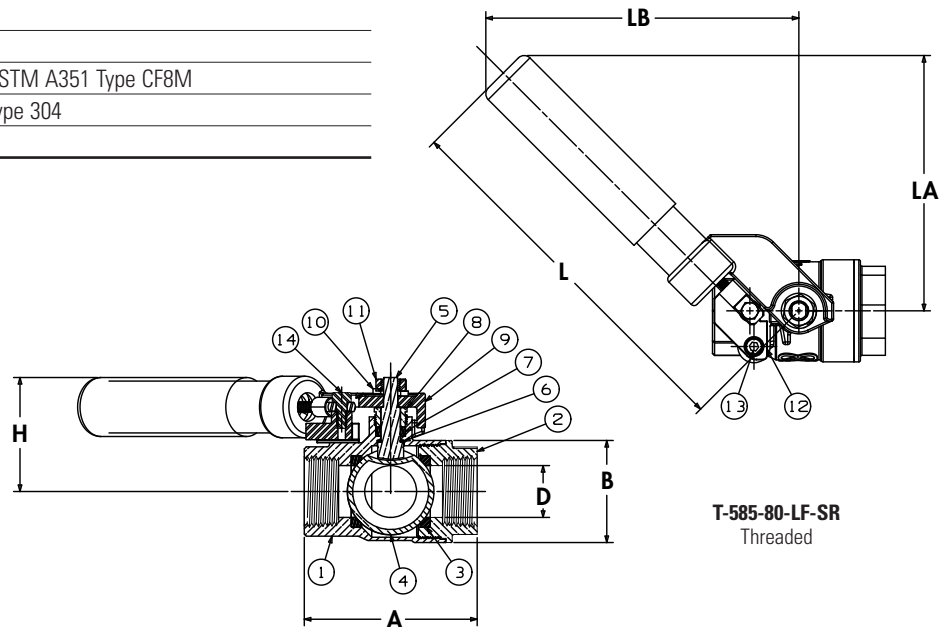
Approvals: MSS SP-110/145 • NSF/ANSI/CAN 61/372-8 Commercial Hot 180° F



T-585-80-LF-SR
Threaded

MATERIAL LIST	
PART	SPECIFICATION
1. Body	ASTM B584 C87600 DZR Lead-free Silicon Bronze Casting
2. Body End Piece	ASTM B584 C87600 DZR Lead-free Silicon Bronze Casting
3. Seats (2)	Reinforced PTFE
4. Ball (Vented)	ASTM B584 C46500 DZR Lead-free Brass (1/4" - 1") ASTM A276 S31600 or A351 CF8M Stainless Steel (1 1/4" - 2")
5. Stem	ASTM C69300 Lead-free Silicon Bronze
6. Thrust Washer	Reinforced PTFE
7. Stem Packing	Virgin PTFE
8. Threaded Pack Gland	Brass ASTM B16 Alloy C36000
9. Handle assembly	Stainless Steel Type 316 & 304 w/Vinyl Cover
10. Lock Washer	Stainless Steel
11. Handle Nut	Stainless Steel
12. Mounting Plate	Stainless Steel ASTM A351 Type CF8M
13. Socket Head Cap Screw (2)	Stainless Steel Type 304
14. Hex Shoulder Bolt	Stainless Steel

**Carbon Steel and Stainless Steel
Ball Valve options available.
See Ball Valve Catalog.**



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DIMENSIONS—WEIGHTS

Size		Dimensions														Lbs.		Kg
		A		B		C		H		L		LA		LB				
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.			
¼	6.35	1.81	46	1.57	40	0.31	8	1.63	41	7.11	181	4.84	123	5.79	147	1.03	0.47	
⅜	9.53	1.81	46	1.57	40	0.38	10	1.63	41	7.11	181	4.84	123	5.79	147	1.03	0.47	
½	12.70	2.25	57	1.57	40	0.50	13	1.73	44	7.11	181	4.84	123	5.79	147	1.23	0.56	
¾	19.05	2.78	71	2.00	51	0.75	19	2.01	51	7.28	185	4.92	125	6.04	153	1.91	0.87	
1	25.40	3.34	85	1.97	50	1.00	25	2.22	56	7.28	185	4.92	125	6.04	153	2.41	1.09	
1 ¼	31.75	3.75	95	2.31	59	1.25	32	2.69	68	9.51	242	6.50	165	7.62	194	3.88	1.76	
1 ½	38.10	4.25	108	2.84	72	1.50	38	2.91	74	9.51	242	6.50	165	7.62	194	4.43	2.01	
2	50.80	4.82	122	3.54	90	2.00	51	3.15	80	9.51	242	6.50	165	7.62	194	6.33	2.87	



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.

LEAD-FREE: Weighted average lead content ≤ 0.25%