

Carbon Steel Ball Valves

Three-Piece Body • Full Port • Blowout-Proof Stem •
316 SS Trim • Vented Ball

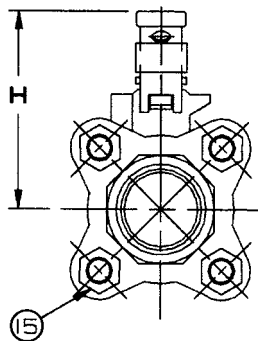
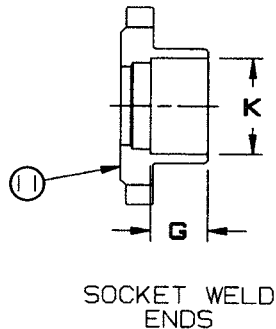
1000 PSI/69 Bar Non-Shock Cold Working Pressure

CONFORMS TO MSS SP-110

MATERIAL LIST

PART	SPECIFICATION
1. Handle Nut	Carbon Steel ASTM A 283
2. Stem	Stainless Steel ASTM A 276 Type 316
3. Lock Washer	Carbon Steel
4. Stem Packing (1 Set)	Carbon Filled PTFE
5. Thrust Washer	Carbon Filled PTFE
6. Cap Bolt (4)	Carbon Steel ASTM A 193 Grade B7
7. Union Seal (2)	Reinforced PTFE
8. Ball (Vented)	Stainless Steel ASTM A 276 Type 316 or ASTM A 351 Type CF8M
9. Body	Carbon Steel ASTM A 216 Grade WCB
10. Seat (2)	Reinforced PTFE
11. Body End (2)	Carbon Steel ASTM A 216 Grade WCB
12. Lock Washer (4)	Carbon Steel
13. Threaded Pack Gland	Carbon Steel ASTM A 108 Type 1045
14. Handle	Carbon Steel ASTM A 283
15. Cap Nut (4)	Carbon Steel ASTM A 283

NOTE: Valves are static grounded by thrust washer and packing.

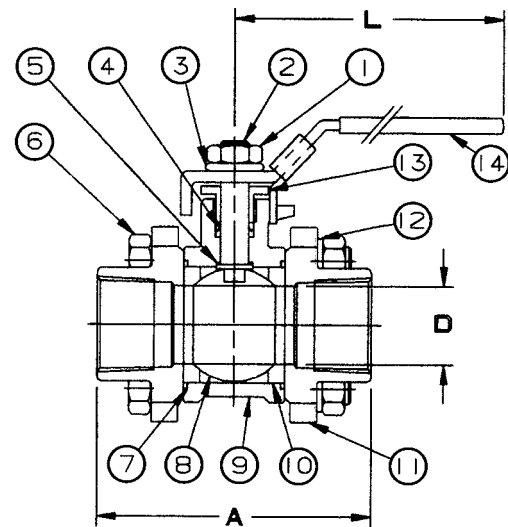


T-595-CS-R-66-LL

Threaded

K-595-CS-R-66-LL

Socket Weld



T or K 595-CS-R-66-LL
NPT x NPT or SOC x SOC

DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions												T or K-595-CS-R-66-LL		Master Ctn. Qty.
		A		D		G		K		H		L				
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	
¼	8	2.36	60	.34	9	—	—	—	—	2.18	55	4.17	106	.97	.44	10
⅜	10	2.36	60	.34	9	—	—	—	—	2.18	55	4.17	106	.97	.44	10
½	15	2.76	70	.56	14	.38	10	.86	22	2.38	60	4.17	106	1.23	.56	10
¾	20	3.03	77	.81	21	.50	13	1.07	27	2.87	73	5.71	145	1.91	.87	10
1	25	3.62	92	1.00	25	.50	13	1.34	34	2.95	75	5.71	145	2.93	1.33	8
1¼	32	4.13	105	1.25	32	.50	13	1.69	43	3.66	93	7.36	187	4.27	1.94	5
1½	40	4.72	110	1.50	38	.50	13	1.93	49	3.94	100	7.36	187	6.01	2.73	5
2	50	5.43	138	1.97	50	.62	16	2.42	61	4.25	108	7.95	202	9.50	4.32	5

◆For detailed Operating Pressure, refer to Pressure Temperature Chart on pages 66 and 67.