

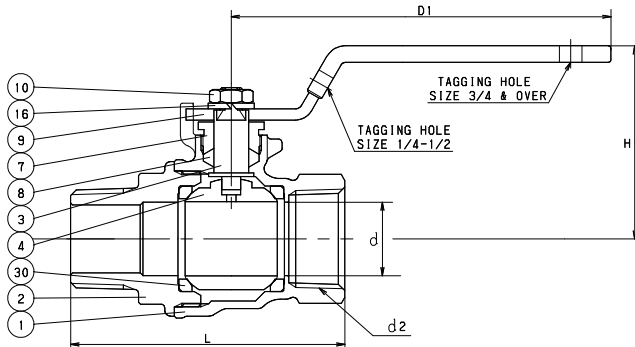
FORGED BRASS BALL VALVE

THREADED/SOLDER x MALE

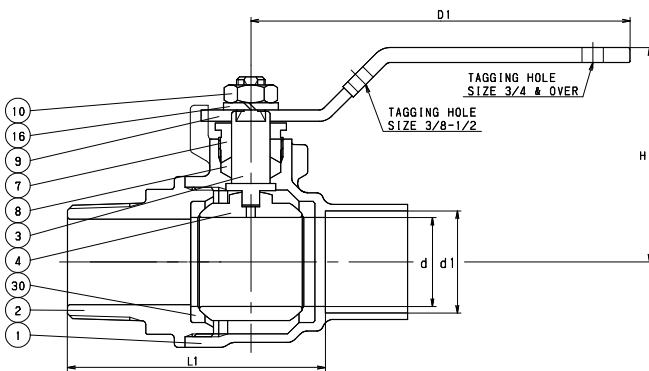
Two Piece Body • Full Port

Chrome Plated Ball • Blowout Proof Stem • PTFE Seats and Seals

➔ **CODE # 680 (AKTAFO)**
MALE x FEMALE



CODE # 690 (CTAFO)
MALE x SOLDER*



*REFERENCE VALVE INSTALLATION TIPS FOR SOUND SOLDER JOINTS (PAGE BV-70) OR SEE INSTALLATION SHEET PACKAGED WITH VALVE.

SPECIFICATION

Approved valve shall have two piece forged brass body, blowout proof stem, PTFE seats/seals, chrome plated ball, full port design with threaded/solder x male ends. Valves shall be pressure rated to 150 WSP/600 WOG and conform to MSS-SP 110.

KITZ Code No. 680 (AKTAFO) Threaded Ends
690 (CTAFO) Soldered Ends

STANDARDS

END TO END	KITZ
END CONNECTION	ANSI B1.20.1
SOLDER JOINT END	ANSI B16.18
WALL THICKNESS	KITZ
CONFORMS TO MSS-SP 110	

PRESSURE/TEMPERATURE

150 PSI - SATURATED STEAM TO 366°F
600 PSI NON-SHOCK COLD WATER, OIL OR GAS

NOTE: PRESSURE/TEMPERATURE CHART - PAGE BV-35

MATERIAL LIST

NO.	NAME OF PART	SPECIFICATION
1	BODY	FORGED BRASS (B283, C37700)
2	BODY CAP (1/4" - 3/8") (1/2" - 1")	BRASS ROD (B16) FORGED BRASS (B283, C37700)
3	STEM	(1) SPECIAL BRASS (KITZ "K METAL")
4	BALL	(2) FORGED BRASS (B283, C37700)
7	GLAND	BRASS ROD
8	GLAND PACKING	PTFE
9	HANDLE	(3) CARBON STEEL
10	HANDLE NUT	CARBON STEEL
16	SPRING WASHER	CARBON STEEL
30	BALL SEATS	PTFE

NOTES: (1) PROPRIETARY DEZINCIFICATION RESISTANT MATERIAL.
(2) CR. PLATING
(3) ELECTROPLATED ZINC WITH PLASTIC COVERING

DIMENSIONS • WEIGHTS • QUANTITIES

	d2 SIZE	d	H	D1	L	L1	d1		APPROX. NET WT.	CARTON QTY
							Max.	Min.		
in.	1/4	0.39	1.54	3.23	2.05	-	.381	.377	48	120
mm.		9.9	39.1	82.0	52.1	-	9.7	9.6	21.8	
in.	3/8	0.39	1.54	3.23	2.09	1.75	.506	.502	49	120
mm.		9.9	39.1	82.0	53.1	44.4	12.9	12.8	22.3	
in.	1/2	0.59	1.65	3.23	2.6	2.13	.631	.627	52	96
mm.		14.0	41.9	82.0	66.0	54.1	16.0	15.9	23.6	
in.	3/4	0.79	2.01	3.94	2.87	2.36	.881	.877	50	60
mm.		20.1	51.1	100.1	72.9	59.9	22.4	22.3	22.7	
in.	1	0.98	2.32	5.12	3.46	2.85	1.132	1.128	51	36
mm.		24.9	58.9	130.0	87.9	72.4	28.8	28.7	23.2	