



SOCKET WELD END

ASA 150							
SIZE. NB.	A.	B.	L.	BSP/BSP NPT	øF	øG	H.
15	90	13	150	1/2"	21.8	29	12.7
20	95	19	150	3/4"	27.3	35	19.0
25	100	25	150	1"	34.1	43	22.0
32	110	32	160	1 1/4"	43.0	54	22.0
40	120	38	160	1 1/2"	49.0	58	22.0
50	130	50	160	2"	61.3	71	23.0

ASA 800							
SIZE. NB.	A.	B.	L.	BSP/BSP NPT	øF	øG	H.
15	68	12	115	1/2"	21.8	29	12.7
20	79	16	122	3/4"	27.3	35	19.0
25	95	18	153	1"	34.1	43	22.0
32	107	24	178	1 1/4"	43.0	54	22.0
40	117	32	178	1 1/2"	49.0	58	22.0
50	130	37	178	2"	61.3	71	23.0

NO.	DESCRIPTION	QTY.	MATERIAL
1	BODY	1	ASTM B 216 Gr. WCB
			C.I. TO IS 210 Gr. FG 220
			ASI 304 OR CF8 (I.C.)
			ASI 316 OR CF8M (I.C.)
			ASTM A 105
2	BODY CONNECTOR	1	ASTM B 216 Gr. WCB
			C.I. TO IS 210 Gr. FG 220
			ASI 304 OR CF8 (I.C.)
			ASI 316 OR CF8M (I.C.)
			ASTM A 105
3	BALL	1	ASI 304 / ASI 316
4	STEM	1	ASI 304 / ASI 316
5	GLAND NUT	1	ASI 304 / ASI 316
6	GLAND BUSH	1	ASI 304 / ASI 316
7	SEAT RING	2	PTFE OR FILLED PTFE
8	BODY SEAL	2	PTFE OR FILLED PTFE
9	STEAM SEAL	2	PTFE OR FILLED PTFE
10	STOPPER PIN	1	C.S./SS.304/SS.316
11	STUD & NUT	4	C.S./SS.304/SS.316
12	LOCK NUT	1	C.S./SS.304/SS.316
13	LEVER	1	C.S./SS.304/SS.316

TECHNICAL DATA	
MFG. STD. :- BS 5351,API 602	
INSP. STD. :- API 598/BSS146/BS 6755 PART-1	
END TO END :- ASME B 16.10	
ENDS : BSP,BSP,NPT & SOCKET WELD	
SOCKET WELD & THREADED TO : ANSI B 16.11 / ANSI B 2.1	

PRESSURE TEST (HYDRAULIC):-	
150#	800#
BODY :- 32 KG/CM2 (g)	BODY :- 211KG/CM2 (g)
SEAT :- 22 KG/CM2 (g)	SEAT :- 141KG/CM2 (g)
SEAT (PNEUMATIC) :- 7 KG/CM2 (g)	SEAT (PNEUMATIC) :- 7KG/CM2 (g)

UNSPECIFIED TOLERANCE FOR MACHINED DIM.			
0-75	± 0.2	75-300	± 0.4
300-600	± 0.6	600-ABOVE 600	± 0.75

DESCRIPTION	
ASLY OF 3 PIECE BALL VALVE SCREW END	

MANUFACTURERS & EXPORTERS	
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SCALE	N.T.S.	CHD.
VALVE TYPE		
BALL VALVE		
PROJECTION		
THIRD ANGLE		
SHEET No.	01	OF 01
DRW. No.		
REV.		00