

ASME B16.11 Socket Weld End Dimensions

SIZE		DN	15	20	25	32	40	50	65
		NPS	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2
A - Socket Bore Diameter (Min.)	Class	mm	21.8	27.2	33.8	42.5	48.6	61.1	73.9
	150 - 2500	in	0.858	1.071	1.331	1.673	1.913	2.406	2.909
B - Socket Bore Depth (Min.)	Class	mm	9.5	12.5	12.5	12.5	12.5	16.0	16.0
	150 - 2500	in	0.374	0.492	0.492	0.492	0.492	0.630	0.630
C - Wall Thickness	Class	mm	3.3	3.6	3.8	3.8	4.1	4.6	5.6
	150/300	in	0.13	0.14	0.15	0.15	0.16	0.18	0.22
	Class	mm	4.1	4.3	5.1	5.3	5.6	6.1	7.6
	600	in	0.16	0.17	0.20	0.21	0.22	0.24	0.30
	Class	mm	4.1	4.3	5.1	5.3	5.8	6.9	7.9
	800	in	0.16	0.17	0.20	0.21	0.23	0.27	0.31
	Class	mm	5.3	6.1	6.9	7.1	7.9	9.7	10.4
	900	in	0.21	0.24	0.27	0.28	0.31	0.38	0.41
Class	mm	5.3	6.1	6.9	8.1	8.9	10.7	12.4	
1500	in	0.21	0.24	0.27	0.32	0.35	0.42	0.49	
Class	mm	8.1	8.6	9.9	11.7	13.0	15.7	18.5	
2500	in	0.32	0.34	0.39	0.46	0.51	0.62	0.73	

