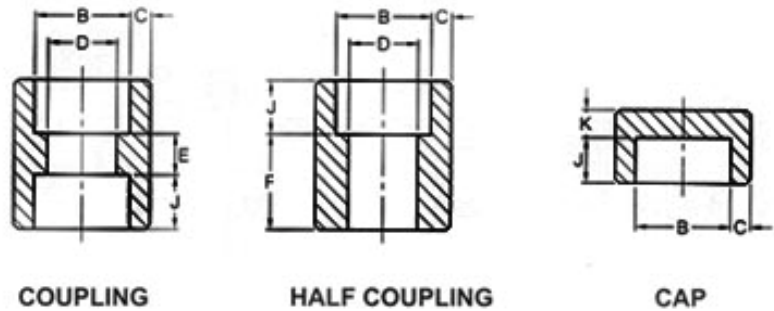


## Socket Weld Fittings

ASME B16.11-2009 (Revision of ASME B16.11-2005)



DN	Nom. Pipe Size	Socket Bore Dia. B	Bore Dia. Of Fitting D			Socket Wall Thickness (2) C						Laying Lengths		Depth of Socket Min. J	End Wall Thickness K Min.		
						Class Designation						Coupling E	Half Coupling F		Class Designation		
			Class Designation			3000		6000		9000							
			3000	6000	9000	Ave.	Min	Ave.	Min	Ave.	Min					3000	6000
6	1/8"	10.8	6.9	4.0	/	3.18	3.18	3.96	3.43	/	/	6.5	16.0	9.5	4.8	6.4	/
8	1/4"	14.2	9.3	6.4	/	3.78	3.30	4.60	4.01	/	/	6.5	16.0	9.5	4.8	6.4	/
10	3/8"	17.6	12.6	9.2	/	4.01	3.50	5.03	4.37	/	/	6.5	17.5	9.5	4.8	6.4	/
15	1/2"	21.8	15.8	11.8	6.4	4.67	4.09	5.97	5.18	9.35	8.18	9.5	22.5	9.5	6.4	7.9	11.2
20	3/4"	27.2	21.0	15.6	11.1	4.90	4.27	6.96	6.04	9.78	8.56	9.5	24.0	12.5	6.4	7.9	12.7
25	1"	33.9	26.7	20.7	15.2	5.69	4.98	7.92	6.93	11.38	9.96	12.5	28.5	12.5	9.6	11.2	14.2
32	1-1/4"	42.7	35.1	29.5	22.8	6.07	5.28	7.92	6.93	12.14	10.62	12.5	30.0	12.5	9.6	11.2	14.2
40	1-1/2"	48.8	40.9	34.0	28.0	6.35	5.54	8.92	7.80	12.70	11.12	12.5	32.0	12.5	11.2	12.7	15.7
50	2"	61.2	52.5	42.9	38.2	6.93	6.04	10.92	9.50	13.84	12.12	19.0	41.0	16.0	12.7	15.7	19.0
65	2-1/2"	73.9	62.7	/	/	8.76	7.67	/	/	/	/	19.0	43.0	16.0	15.7	19.0	/
80	3"	89.8	78.0	/	/	9.52	8.30	/	/	/	/	19.0	44.5	16.0	19.0	22.4	/
100	4"	115.2	102.3	/	/	10.69	9.35	/	/	/	/	19.0	48.0	19.0	22.4	28.4	/

(1) Dimensions in Millimeters.

(2) Average of socket wall thickness around periphery shall be no less than listed values. The minimum values are permitted in localized areas.

(3) Reducer: C, J, E in accordance with large size.

D in accordance with small size

The others in accordance with each size.