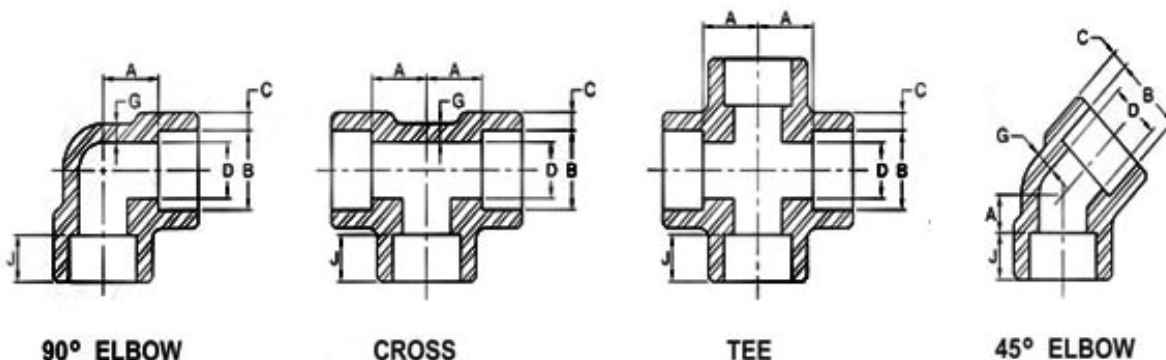


## Socket Weld Fittings

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



DN	Nom. Pipe Size	Center to Bottom of Socket-A						Socket Bore Dia. B	Bore Dia. Of Fitting D			Socket Wall Thickness (2) C						Body Wall Thickness G			Depth of Socket Min. J
		90° Elbows Tees, Crosses			45° Elbows							Class Designation						Class Designation			
		Class Designation			Class Designation				Class Designation			3000		6000		9000		3000	6000	9000	
		3000	6000	9000	3000	6000	9000		3000	6000	9000	Ave.	Min.	Ave.	Min.	Ave.	Min.	Min.	Min.	Min.	
6	1/8"	11.0	11.0		8.0	8.0		10.8	6.9	4.0		3.18	3.18	3.96	3.43			2.41	3.15		9.5
8	1/4"	11.0	13.5		8.0	8.0		14.2	9.3	6.4		3.78	3.30	4.60	4.01			3.02	3.68		9.5
10	3/8"	13.5	15.5		8.0	11.0		17.6	12.6	9.2		4.01	3.50	5.03	4.37			3.20	4.01		9.5
15	1/2"	15.5	19.0	25.5	11.0	12.5	15.5	21.8	15.8	11.8	6.4	4.67	4.09	5.97	5.18	9.35	8.18	3.73	4.78	7.47	9.5
20	3/4"	19.0	22.5	28.5	13.0	14.0	19.0	27.2	21.0	15.6	11.1	4.90	4.27	6.96	6.04	9.78	8.56	3.91	5.56	7.82	12.5
25	1"	22.5	27.0	32.0	14.0	17.5	20.5	33.9	26.7	20.7	15.2	5.69	4.98	7.92	6.93	11.38	9.96	4.55	6.35	9.09	12.5
32	1-1/4"	27.0	32.0	35.0	17.5	20.5	22.5	42.7	35.1	29.5	22.8	6.07	5.28	7.92	6.93	12.14	10.62	4.85	6.35	9.70	12.5
40	1-1/2"	32.0	38.0	38.0	20.5	25.5	25.5	48.8	40.9	34.0	28.0	6.35	5.54	8.92	7.80	12.70	11.12	5.08	7.14	10.15	12.5
50	2"	38.0	41.0	54.0	25.5	28.5	28.5	61.2	52.5	42.9	38.2	6.93	6.04	10.92	9.50	13.84	12.12	5.54	8.74	11.07	16.0
65	2-1/2"	41.0			28.5			73.9	62.7			8.76	7.67					7.01			16.0
80	3"	57.0			32.0			89.8	78.0			9.52	8.30					7.62			16.0
100	4"	66.5			41.0			115.2	102.3			10.69	9.35					8.56			19.0

(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) Upper and lower values for each size are the respective maximum and minimum dimensions.