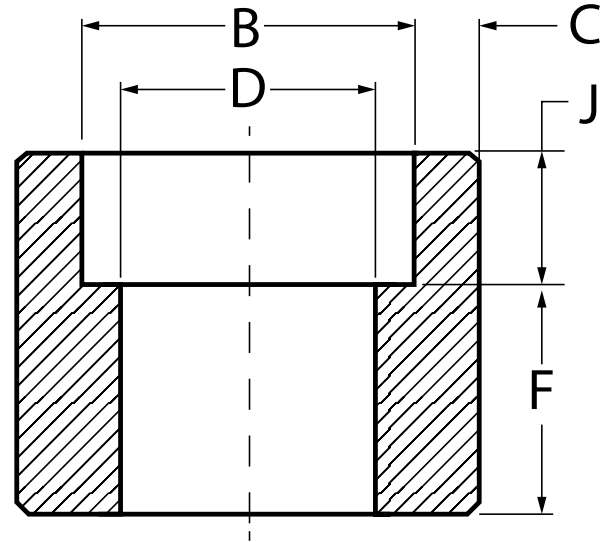




* Reference photo



Design: ANSI B16.11
Socket Welding
Material: Forged Steel ASTM A105
Class: 3000
Correlation: Schedule 80 / XS

Units: Millimeters (mm)

Nominal Pipe Size	Socket Bore Diameter, B		Bore Diameter of Fittings, D		Socket Wall Thick- ness, C [Note 1]		Min. Depth of Socket, J	Laying Lengths, F	
	Max.	Min.	Max.	Min	Avg.	Min.		F	Tol. +-
1/8"	11.2	10.8	7.6	6.1	3.18	3.18	9.5	16.0	1.0
1/4"	14.6	14.2	10.0	8.5	3.78	3.30	9.5	16.0	1.0
3/8"	18.0	17.6	13.3	11.8	4.01	3.50	9.5	17.5	1.5
1/2"	22.2	21.8	16.6	15.0	4.67	4.09	9.5	22.5	1.5
3/4"	27.6	27.2	21.7	20.2	4.90	4.27	12.5	24.0	1.5
1"	34.3	33.9	27.4	25.9	5.69	4.98	12.5	28.5	2.0
1 1/4"	43.1	42.7	35.8	34.3	6.07	5.28	12.5	30.0	2.0
1 1/2"	49.2	48.8	41.6	40.1	6.35	5.54	12.5	32.0	2.0
2"	61.7	61.2	53.3	51.7	6.93	6.04	16.0	41.0	2.0
2 1/2"	74.4	73.9	64.2	61.2	8.76	7.67	16.0	43.0	2.5
3"	90.3	89.8	79.4	76.4	9.52	8.30	16.0	44.5	2.5
4"	115.7	115.2	103.8	100.7	10.69	9.35	19.0	48.0	2.5

[Note 1] Average of socket wall thickness around periphery shall not be less than listed values. The minimum values are permitted in localized areas.

*** Note : Dimensions, design and materials are subject to change without notice.**

