



Forged Steel Socket-Welding Fittings

ASME B16.11

mm

Nom. Pipe Size (in)	Socket Bore Diameter B	Bore Diameter of Fitting: D			Socket Wall Thickness Pressure Class Designation: C						Body Wall Thickness: G			Depth of Socket J Min	Center to Bottom of Socket: A						Laying Lengths		
		Pressure Class Designation			3000		6000		9000		3000	6000	9000		90° Elbows, Tees, Crosses			45° Elbows			Couplings E	Half Couplings F	
		3000	6000	9000	Ave	Min	Ave	Min	Ave	Min	Min	Min	Min		3000	6000	9000	3000	6000	9000			
1/8	11.5	7.6	4.8		3.20	3.20	3.95	3.45				2.40	3.15		10	12	12		9	9		8	17
	10.65	6.1	3.2												10	10	10		7	7		5	15
1/4	14.60	10.0	7.1		3.80	3.30	4.60	4.00				3.00	3.70		10	12	17		9	9		8	17
	14.10	8.5	5.6												10	13	13		7	7		5	15
3/8	18.05	13.3	9.9		4.00	3.50	5.05	4.35				3.20	4.00		10	15	17		9	13		9	19
	17.55	11.8	8.4												10	12	14		6	10		3	16
1/2	22.20	16.6	12.5	7.2	4.65	4.10	5.95	5.20	9.35	8.20	3.75	4.80	7.45	10	17	21	27	13	14	17	13	24	
	21.70	15.0	11.0	5.6										10	14	18	24	10	11	14	6	21	
3/4	27.55	21.7	16.3	11.8	4.90	4.25	6.95	6.05	9.80	8.55	3.90	5.55	7.80	13	21	24	30	14	16	21	13	25	
	27.05	20.2	14.8	10.3										13	18	21	27	11	13	17	6	22	
1	34.30	27.4	21.5	16.0	5.70	5.00	7.90	6.95	11.40	9.95	4.55	6.35	9.10	13	24	29	34	16	19	23	17	31	
	33.80	25.9	19.9	14.5										13	20	25	30	12	15	19	9	27	
1 1/4	43.05	35.8	30.2	23.5	6.05	5.30	7.90	6.95	12.15	10.60	4.85	6.35	9.70	13	29	34	37	19	23	24	17	32	
	42.55	34.3	28.7	22.0										13	25	30	33	15	19	20	9	28	
1 1/2	49.15	41.7	34.7	28.7	6.35	5.55	8.90	7.80	12.70	11.15	5.10	7.15	10.15	13	34	40	40	23	27	28	17	34	
	48.65	40.1	33.2	27.2										13	30	36	36	19	23	23	9	30	
2	61.60	53.5	43.6	38.9	6.95	6.05	10.90	9.50	13.85	12.15	5.55	8.75	11.05	16	40	43	56	27	31	31	23	43	
	61.10	51.7	42.1	37.4										16	36	39	52	23	27	26	15	39	
2 1/2	74.45	64.2			8.75	7.65					7.00			16	44			31			24	45	
	73.80	61.2												16	39			27			14	40	
3	90.40	79.5			9.50	8.30					7.60			16	60			34			24	47	
	89.80	76.4												16	55			29			14	42	