



	Bore Diameter of Fitting D <sup>2</sup>			Socket Wall Thickness G						Body Wall G			Center to Bottom of Socket — A												
													90° Elbows, Tees, 45° Elbows and Crosses												
	Pressure Class Designation			Pressure Class Designation						Pressure Class Designation			Laying Lengths Tolerances:												
Nom. Pipe Size	Socket Bore Dia. B <sup>2</sup>			3000 lb		6000 lb		9000 lb		3000 lb		6000 lb		9000 lb		Depth of socket	Pressure Class Designation								
		3000 lb	6000 lb	9000 lb	Ave.	Min.	Ave.	Min.	Ave.	Min.	Min.	Min.	Min.	Min.	3000 lb		6000 lb	9000 lb	3000 lb	6000 lb	9000 lb	couplings E.D.	Half Couplings I	A	E
1/8	0.430	0.299	0.189																						
	0.420	0.239	0.126																						
1/4	0.565	0.394	0.280																						
	0.555	0.334	0.220																						
3/8	0.700	0.523	0.389																						
	0.690	0.463	0.329																						
1/2	0.865	0.652	0.494	0.282																					
	0.855	0.592	0.434	0.222																					
3/4	1.075	0.854	0.642	0.464																					
	1.065	0.794	0.582	0.404																					
1	1.340	1.079	0.845	0.629																					
	1.330	1.019	0.785	0.569																					
1 1/8	1.685	1.410	1.190	0.926																					
	1.675	1.350	1.130	0.866																					
1 1/2	1.925	1.640	1.368	1.130																					
	1.915	1.580	1.308	1.070																					
2	2.416	2.097	1.717	1.533																					
	2.406	2.037	1.657	1.473																					
2 1/2	2.921	2.529																							
	2.906	2.409																							
3	3.550	3.128																							
	3.535	3.008																							
4	4.560	4.086																							
	4.545	3.966																							

## American National Standards

### Forged Steel Fittings Socket Welding and Threaded

Table for Forged Steel Threaded Fittings

Nom. Pipe Size	Center to End Elbows, Tees, Crosses A			Center to End 45° Elbow C			Outside Diameter of Band H			Minimum Wall Thickness G			Length of Thread, Min. * B	
	2000 lb	3000 lb	6000 lb	2000 lb	3000 lb	6000 lb	2000 lb	3000 lb	6000 lb	2000 lb	3000 lb	6000 lb	lb	B
1/8	0.81	0.81	0.97	0.69	0.69	0.75	0.88	0.88	1.00	0.125	0.125	0.250	0.25	0.2639
1/4	0.81	0.97	1.12	0.69	0.75	0.88	0.88	1.00	1.31	0.125	0.130	0.260	0.32	0.4018
3/8	0.97	1.12	1.31	0.75	0.83	1.00	1.00	1.31	1.50	0.125	0.138	0.275	0.36	0.4078
1/2	1.12	1.31	1.50	0.88	1.00	1.12	1.31	1.50	1.81	0.125	0.161	0.321	0.43	0.5337
3/4	1.31	1.50	1.75	1.00	1.12	1.31	1.50	1.81	2.19	0.125	0.170	0.336	0.50	0.5457
1	1.50	1.75	2.00	1.12	1.31	1.38	1.81	2.19	2.44	0.145	0.196	0.391	0.58	0.6828
1-1/4	1.75	2.00	2.38	1.31	1.38	1.69	2.19	2.44	2.97	0.153	0.208	0.417	0.67	0.7068
1-1/2	2.00	2.38	3.00	1.38	1.69	1.72	2.44	2.97	3.31	0.158	0.219	0.436	0.70	0.7235
2	2.38	2.50	3.25	1.69	1.72	2.06	2.97	3.31	4.00	0.168	0.281	0.476	0.75	0.7565
2-1/2	3.00	3.25	3.75	2.06	2.06	2.50	3.62	4.00	4.75	0.221	0.301	0.602	0.93	1.138
3	3.38	3.75	4.19	2.50	2.50	3.12	4.31	4.75	5.75	0.236	0.348	0.655	1.02	1.200
4	4.19	4.50	4.50	3.12	3.12	3.12	5.75	6.00	6.00	0.258	0.440	0.735	1.09	1.300