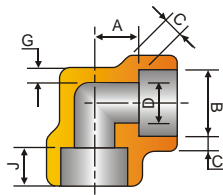
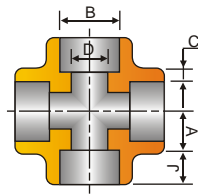




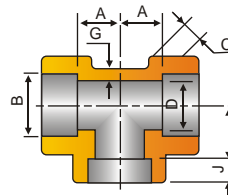
SOCKET - WELDING FITTING



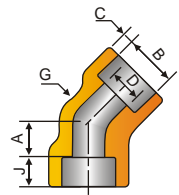
90° Elbow
(Fig. 1)



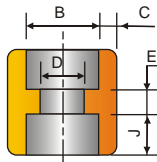
Cross
(Fig. 2)



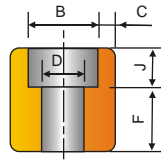
Tee
(Fig. 3)



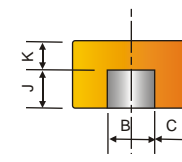
45° Elbow
(Fig. 4)



Coupling
(Fig. 5)



Half Coupling
(Fig. 6)



Cap
(Fig. 7)

2 SOCKET-WELDING FITTINGS (AS PER ANSI/ASME B16.11)

*All dimensions are in inches.

NOM. PIPE SIZE		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	
B (SOCKET BORE DIA.)		0.430 0.420	0.565 0.555	0.700 0.690	0.865 0.855	1.075 1.065	1.340 1.330	1.685 1.675	1.925 1.915	2.416 2.406	2.921 2.906	3.590 3.535	4.560 4.545	
D (BORE DIA.) (CLASS DESIGNATION)	3000	0.299 0.239	0.394 0.334	0.523 0.463	0.652 0.592	0.854 0.794	1.079 1.019	1.410 1.350	1.640 1.580	2.097 2.037	2.529 2.409	3.128 3.008	4.086 3.966	
	6000	0.189 0.126	0.280 0.220	0.389 0.329	0.494 0.434	0.642 0.582	0.845 0.785	1.190 1.130	1.368 1.308	1.717 1.657				
	9000				0.282 0.222	0.464 0.404	0.629 0.569	0.926 0.866	1.130 1.070	1.533 1.473				
C (SOCKET WALL THICKNESS) (CLASS DESIGNATION)	3000	AVE.	0.125	0.149	0.158	0.184	0.193	0.224	0.239	0.250	0.273	0.345	0.375	0.421
		MIN.	0.125	0.130	0.138	0.161	0.168	0.196	0.208	0.218	0.238	0.302	0.327	0.368
	6000	AVE.	0.156	0.181	0.198	0.235	0.274	0.312	0.312	0.351	0.430			
		MIN.	0.135	0.158	0.172	0.204	0.238	0.273	0.273	0.307	0.374			
	9000	AVE.				0.368	0.385	0.448	0.478	0.500	0.545			
MIN.					0.322	0.337	0.392	0.418	0.438	0.477				
G (BODY WALL) (CLASS DESIGNATION)	3000	MIN.	0.095	0.119	0.126	0.147	0.154	0.179	0.191	0.200	0.218	0.276	0.300	0.337
	6000	MIN.	0.124	0.145	0.158	0.188	0.219	0.250	0.250	0.281	0.344			
	9000	MIN.				0.294	0.308	0.358	0.382	0.400	0.436			
J (DEPTH OF SOCKET)		MIN.	0.38	0.38	0.38	0.38	0.50	0.50	0.50	0.50	0.62	0.62	0.62	0.75
A (CENTER TO BOTTOM OF SOCKET) (90° ELBOWS, TEES & CROSSES) (CLASS DESIGNATION)	3000		0.44	0.44	0.53	0.62	0.75	0.88	1.06	1.25	1.50	1.62	2.25	2.62
	6000		0.44	0.53	0.62	0.75	0.88	1.06	1.25	1.50	1.62			
	9000					1.00	1.12	1.25	1.38	1.50	2.12			
A (CENTER TO BOTTOM OF SOCKET) (45° ELBOWS.) (CLASS DESIGNATION)	3000		0.31	0.31	0.31	0.44	0.50	0.56	0.69	0.81	1.00	1.12	1.25	1.26
	6000		0.31	0.31	0.44	0.50	0.56	0.69	0.81	1.00	1.12			
	9000					0.62	0.75	0.81	0.88	1.00	1.12			
E (COUPLING)			0.25	0.25	0.25	0.38	0.38	0.50	0.50	0.50	0.75	0.75	0.75	0.75
F (HALF COUPLING)			0.62	0.62	0.69	0.88	0.94	1.12	1.19	1.25	1.62	1.69	1.75	1.88
TOLERANCE ±	A		0.03	0.03	0.06	0.06	0.06	0.08	0.08	0.08	0.08	0.10	0.10	0.10
	E		0.06	0.06	0.12	0.12	0.12	0.16	0.16	0.16	0.16	0.20	0.20	0.20
	F		0.03	0.30	0.06	0.06	0.06	0.08	0.08	0.08	0.08	0.10	0.10	0.10
K(MIN.) (END WALL THICKNESS) (CLASS DESIGNATION)	3000		0.19	0.19	0.19	0.25	0.25	0.38	0.38	0.44	0.50	0.62	0.75	0.88
	6000		0.25	0.25	0.25	0.31	0.31	0.44	0.44	0.50	0.62	0.75	0.88	1.12
	9000					0.44	0.50	0.56	0.56	0.62	0.75			