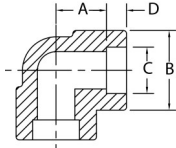


Class 3000 Forged Carbon Steel Socket Weld Fittings

ASTM A105, ASME B16.11

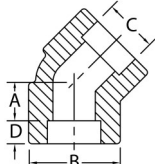
Common Dimensions

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
C	0.420/ 0.440	0.555/ 0.575	0.690/ 0.710	0.855/ 0.875	1.065/ 1.085	1.330/ 1.350	1.675/ 1.695	1.915/ 1.935	2.406/ 2.426	2.906/ 2.931	3.535/ 3.560	4.545/ 4.570
D	0.380	0.380	0.380	0.380	0.500	0.500	0.500	0.500	0.620	0.620	0.620	0.750



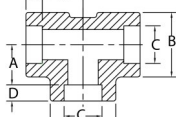
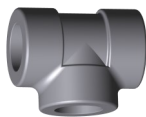
90 Degree Elbows

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
A	0.440	0.440	0.530	0.620	0.750	0.880	1.060	1.250	1.500	1.620	2.250	2.620
B	0.880	0.880	1.040	1.310	1.500	1.810	2.250	2.500	3.030	3.690	4.380	5.750
Wt. Ea.	0.20	0.16	0.25	0.48	0.68	1.06	1.59	2.13	3.78	6.74	10.94	24.13



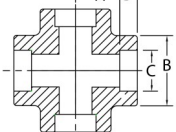
45 Degree Elbows

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
A	0.310	0.310	0.310	0.440	0.500	0.560	0.690	0.810	1.000	1.120	1.250	1.620
B	0.880	0.880	1.040	1.310	1.500	1.810	2.250	2.500	3.030	3.680	4.370	6.000
Wt. Ea.	0.15	0.13	0.20	0.43	0.58	0.89	1.40	1.70	2.69	7.88	11.25	20.75



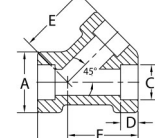
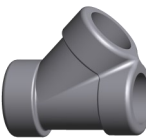
Tees

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
A	0.440	0.440	0.530	0.620	0.750	0.880	1.060	1.250	1.500	1.620	2.250	2.620
B	0.880	0.880	1.040	1.310	1.500	1.810	2.250	2.500	3.030	3.690	4.380	5.750
Wt. Ea.	0.23	0.19	0.33	0.71	0.87	1.44	2.19	2.98	4.57	8.60	13.00	31.30



Crosses

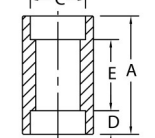
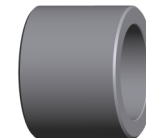
Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
A	0.530	0.530	0.530	0.620	0.750	0.880	1.060	1.250	1.500	1.620	2.250	2.620
B	1.040	1.040	1.040	1.310	1.500	1.810	2.250	2.500	3.030	4.000	4.750	6.000
Wt. Ea.	0.57	0.51	0.39	0.83	1.03	1.68	2.56	3.46	5.60	13.70	21.10	35.00



Laterals

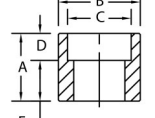
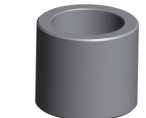
Laterals not covered by ASME B16.11

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
A				1.500	1.750	2.219	2.219	2.500	3.030			
B				2.500	3.000	4.813	4.813	5.375	6.438			
E				1.750	2.125	3.500	3.500	3.938	4.750			
Wt. Ea.				0.90	1.40	2.55	2.80	4.13	6.29			



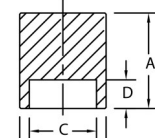
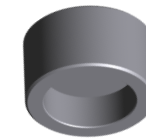
Couplings

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
A	1.025	1.025	1.085	1.245	1.335	1.415	1.415	1.415	1.905	1.865	1.865	2.125
B	0.750	0.875	1.063	1.250	1.500	1.875	2.250	2.500	3.000	3.625	4.312	5.500
E	0.250	0.250	0.250	0.380	0.380	0.500	0.500	0.500	0.750	0.750	0.750	0.750
Wt. Ea.	0.09	0.11	0.16	0.29	0.42	0.59	1.07	1.30	2.13	3.14	4.14	7.30



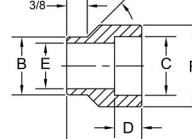
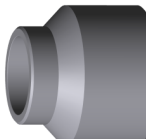
Half Couplings

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
A	1.025	1.025	1.085	1.245	1.425	1.585	1.655	1.715	2.205	2.255	2.315	2.575
B	0.750	0.875	1.063	1.250	1.500	1.875	2.250	2.500	3.000	3.625	4.312	5.500
E	0.620	0.620	0.690	0.880	0.940	1.120	1.190	1.250	1.620	1.690	1.750	1.880
Wt. Ea.	0.09	0.11	0.16	0.29	0.42	0.59	1.07	1.30	2.13	3.14	4.14	7.30



Pipe Caps

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
A	0.705	0.705	0.705	0.765	0.875	1.045	1.045	1.105	1.265	1.395	1.515	1.765
B	0.750	0.875	1.062	1.250	1.500	1.875	2.250	2.500	3.000	3.625	4.312	5.500
Wt. Ea.	0.07	0.09	0.12	0.22	0.36	0.48	0.91	1.30	1.88	2.74	4.27	7.40



Couplets

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
A	1.188	1.190	1.190	1.310	1.380	1.690	1.880	2.000	2.250	2.500	2.750	3.000
B	0.562	0.688	0.813	0.938	1.063	1.313	1.688	1.938	2.438	2.875	3.500	4.500
E	0.269	0.364	0.493	0.622	0.824	1.049	1.380	1.610	2.067	2.469	3.068	4.026
F	0.875	0.940	1.060	1.310	1.500	1.810	2.190	2.500	3.130	3.630	4.380	5.560
Wt. Ea.	0.25	0.30	0.35	0.50	0.26	0.85	1.07	1.30	2.13	3.14	4.14	7.30