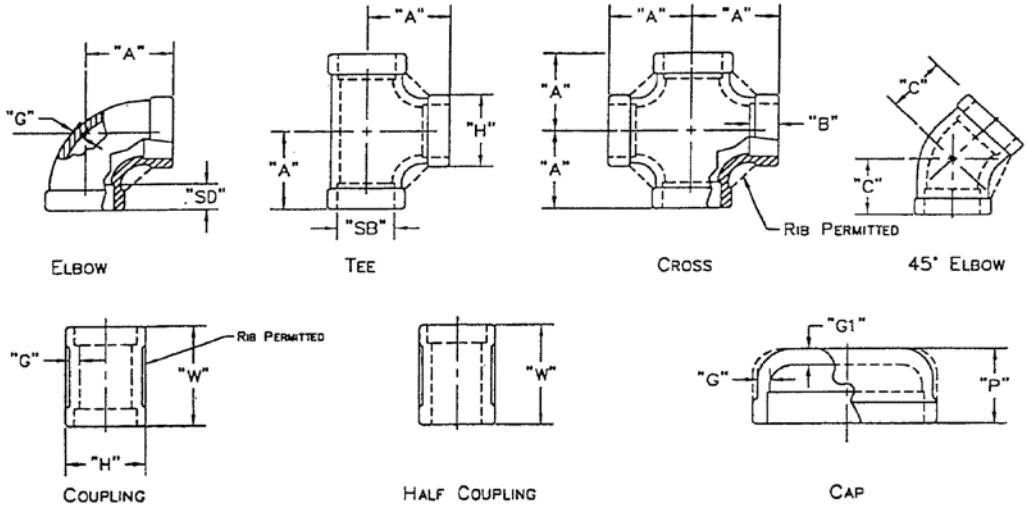
Merit Brass MSS SP 114 Dimensions

Class 150



DIMENSIONS OF CAST CLASS 150 SOCKET-WELDING FITTINGS

Nominal Pipe Size	Center-To-End Elbows, Tees, & Crosses A	Center-To-End 45° Elbows C	Socket Bore SB	Socket Depth SD, Min. (b)	Metal Thickness G (a)	Outside Band Diameter H, Min.	Full Cplg. Length W, Min.	Cap Height P, Min.	Flat Top Cap Thickness G1, Min.
1/8	0.81	0.69	0.420 / .440	0.32	0.09	0.75	1.00	0.68	0.09
1/4	0.81	0.69	0.555 / .575	0.32	0.09	0.84	1.00	0.68	0.09
3/8	0.93	0.81	0.690 / .710	0.32	0.10	1.01	1.12	0.81	0.10
1/2	1.12	0.87	0.855 / .875	0.32	0.10	1.20	1.38	0.93	0.12
3/4	1.31	1.00	1.065 / 1.085	0.37	0.12	1.46	1.50	1.06	0.13
1	1.50	1.12	1.330 / 1.350	0.44	0.13	1.77	1.62	1.31	0.15
1-1/4	1.75	1.31	1.675 / 1.695	0.50	0.14	2.15	2.00	1.62	0.17
1-1/2	1.93	1.43	1.915 / 1.935	0.50	0.15	2.43	2.12	1.62	0.19
2	2.25	1.68	2.406 / 2.426	0.56	0.17	2.96	2.50	1.75	0.22
2-1/2	2.68	1.93	2.906 / 2.931	0.56	0.21	3.31	2.87	2.00	0.25
3	3.06	2.18	3.535 / 3.560	0.56	0.23	4.00	3.18	2.25	0.29
4	3.81	2.62	4.545 / 4.570	0.69	0.26	5.06	3.68	2.50	0.36

GENERAL NOTE: Dimensions are in inches.

(a) Patterns shall be designed to produce castings of metal thickness given in the Table. Metal thickness at no point shall be less than 90% of values given in the tables.

(b) The depth of socket may extend beyond the width of band. However, minimum metal thickness (G) must be maintained at the bottom of the socket