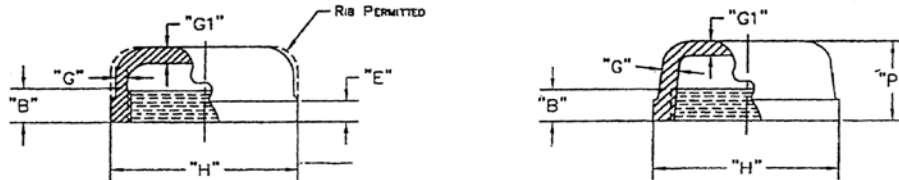


Merit Brass MSS SP 114 Dimensions

Class 150



DIMENSIONS OF CAST CAPS

Nominal Pipe Size	Length of Thread B, Min. (b)	Width of Band E, Min.	Metal Thickness of Side G (a)	Outside Diameter of Band H, Min.	Height P, Min.	Thickness of Flat Top Caps G1, Min.
1/8	0.25	0.20	0.09	0.75	0.68	0.09
1/4	0.32	0.20	0.09	0.84	0.68	0.09
3/8	0.36	0.21	0.10	1.01	0.81	0.10
1/2	0.43	0.25	0.10	1.20	0.93	0.12
3/4	0.50	0.27	0.12	1.46	1.06	0.13
1	0.58	0.30	0.13	1.77	1.31	0.15
1-1/4	0.67	0.34	0.14	2.15	1.62	0.17
1-1/2	0.70	0.37	0.15	2.43	1.62	0.19
2	0.75	0.42	0.17	2.96	1.75	0.22
2-1/2	0.92	0.48	0.21	3.31	2.00	0.25
3	0.98	0.55	0.23	4.00	2.25	0.29
4	1.08	0.66	0.26	5.06	2.50	0.36

GENERAL NOTES: Dimensions are in inches. Caps may be made without recess. Caps so made shall be of such height P that the length of perfect thread shall not be less than B, and the length of useful thread (B plus threads with fully formed roots and flat crests) shall be not less than L<sub>2</sub> (effective length of external thread) required by ANSI/ASME B1.20.1.

(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 length of thread may extend beyond the width of band. However, minimum metal thickness (G) must be maintained at the end of the thread.