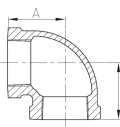
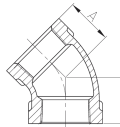
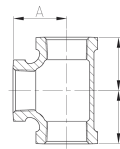
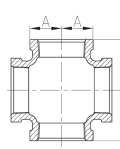
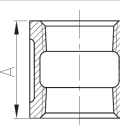
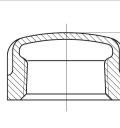


Malleable Iron Threaded Fitting Dimensions

Class 150 | NPS 1/8" – 6" | Dimensions per ANSI/ASME B16.3, material per ASTM A197 | Threads per ANSI/ASME B1.20.1 (NPT).

NPS	90° Elbow A (in)	45° Elbow C (in)	Tee A (in)	Cross A (in)	Coupling W (in)	Cap H min (in)		
1/8	0.69	0.69	0.69	0.69	0.96	0.53		
1/4	0.81	0.73	0.81	0.81	1.06	0.63	90° ELBOW dim. A	45° ELBOW dim. C
3/8	0.95	0.80	0.95	0.95	1.16	0.74		
1/2	1.12	0.88	1.12	1.12	1.34	0.87	TEE dim. A	CROSS dim. A
3/4	1.31	0.98	1.31	1.31	1.52	0.97		
1	1.50	1.12	1.50	1.50	1.67	1.16	COUPLING dim. W	CAP dim. H
1-1/4	1.75	1.29	1.75	1.75	1.93	1.28		
1-1/2	1.94	1.43	1.94	1.94	2.15	1.33		
2	2.25	1.68	2.25	2.25	2.53	1.45		
2-1/2	2.70	1.95	2.70	2.70	2.88	1.70		
3	3.08	2.17	3.08	3.08	3.18	1.80		
3-1/2	3.42	2.39	3.42	3.42	3.74*	1.90		
4	3.79	2.61	3.79	3.79	3.69	2.08		
5	4.50	3.05	4.50	4.50	4.25*	2.32		
6	5.13	3.46	5.13	5.13	4.75*	2.55		

Notes

- Dimensions shown are approximate center-to-end (elbows, tees, crosses) or overall (couplings, caps) values per ANSI/ASME B16.3, Class 150 Malleable Iron Threaded Fittings. Material per ASTM A197.
- 90° elbow, tee, and cross "A" dimensions are equal at each size per the standard.
- Threads are American National Standard Taper Pipe Threads (NPT) per ANSI/ASME B1.20.1.
- * Coupling sizes 3-1/2", 5", and 6" are common trade sizes not specified in ASME/ANSI B16.3; values shown are typical manufacturer dimensions.
- Line drawings at right are simplified reference sketches (per ASME B16.3 / ASTM A197) illustrating where each dimension letter is taken.
- Reference only — verify critical dimensions against the governing standard or manufacturer certification before use in fabrication or procurement specifications.