

Dimensions of Solder Joint Ends for Wrought (W) and Cast (C) Pressure Fittings, inches

Nominal or standard fittings size, inches	Type	Male end			Female end			For use with tube size			
		Outside diameter A		Length K	Inside diameter F		Depth G	under ASTM B 88	under ASTM B 280	under ASTM B 819	under ASTM B 837
		Min.	Max.	Min.	Min.	Max.	Min.				
1/8	W	.248	.251	.38	.252	.256	.31	*	1/4	*	1/4
1/4	C W	.373	.376	.38	.377	.381	.31	1/4	3/8	1/4	3/8
3/8	C W	.497	.501	.44	.502	.506	.38	3/8	1/2	3/8	1/2
1/2	C W	.622	.626	.56	.627	.631	.50	1/2	5/8	1/2	5/8
5/8	W	.747	.751	.81	.752	.756	.75	5/8	3/4	5/8	3/4
3/4	C W	.872	.876	.81	.877	.881	.75	3/4	7/8	3/4	7/8
1	C W	1.122	1.127	.97	1.128	1.132	.91	1	1-1/8	1	1-1/8
1-1/4	C W	1.372	1.377	1.03	1.378	1.382	.97	1-1/4	1-3/8	1-1/4	*
1-1/2	C W	1.621	1.627	1.16	1.628	1.633	1.09	1-1/2	1-5/8	1-1/2	*
2	C W	2.121	2.127	1.41	2.128	2.133	1.34	2	2-1/8	2	*
2-1/2	C W	2.621	2.627	1.53	2.628	2.633	1.47	2-1/2	2-5/8	2-1/2	*
3	C W	3.121	3.127	1.72	3.128	3.133	1.66	3	3-1/8	3	*
3-1/2	C W	3.621	3.627	1.97	3.628	3.633	1.91	3-1/2	3-5/8	3-1/2	*
4	C W	4.121	4.127	2.22	4.128	4.133	2.16	4	4-1/8	4	*
5	C W	5.121	5.127	2.72	5.128	5.133	2.66	5	*	5	*
6	C W	6.121	6.127	3.22	6.128	6.133	3.09	6	*	6	*
8	C W	8.119	8.127	4.09	8.128	8.133	3.97	8	*	8	*
10	C	10.119	10.127	4.12	10.128	10.133	4.00	10	*	*	*
12	C	12.119	12.127	4.62	12.128	12.133	4.50	12	*	*	*

NOTE: * Copper tube under this standard is not commercially available.