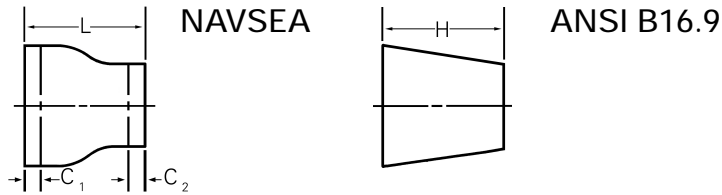


# Copper-Nickel Butt Welding Fittings

## Concentric Reducers - NAVSEA 810-1385880, Revision D



- UNS Designation Numbers: 90-10 (UNS C70600) and 70-30 (UNS C71500).
- Nominal Chemicals 90-10: Copper 88.6%, Nickel 10.0%, Iron 1.4%.
- Nominal Chemicals 70-30: Copper 69.5%, Nickel 30.0%, Iron 0.5%.

Nominal Pipe Size	OD	L	C <sub>1</sub> (Min)	C <sub>2</sub> (Min)	Nominal Wall	Weight	90-10 Part Number	70-30 Part Number
1/2 x 1/4	.840 x .540	1 1/2	7/16	9/32	.065	.07	559889	482587
1/2 x 3/8	.840 x .675	1 1/2	7/16	3/8	.065	.07	509038	482595
3/4 x 1/2	1.05 x .840	1 1/2	15/32	7/16	.065	.09	253035	478978
1 x 1/2	1.315 x .840	2	1/2	7/16	.065	.15	130465	478994
x 3/4	x 1.05	2	1/2	15/32	.065	.15	130481	265163
1 1/4 x 3/4	1.66 x 1.05	2	9/16	15/32	.072	.2	130504	479013
x 1	x 1.315	2	9/16	1/2	.072	.2	130546	111869
1 1/2 x 1/2	1.90 x .840	2 1/2	11/16	7/16	.072	.3	229701	479047
x 3/4	x 1.05	2 1/2	11/16	15/32	.072	.3	130562	439843
x 1	x 1.315	2 1/2	11/16	1/2	.072	.3	130588	131144
x 1 1/4	x 1.66	2 1/2	11/16	9/16	.072	.3	130643	130677
2 x 1/2	2.375 x .840	3	23/32	7/16	.083	.7	273425	479055
x 3/4	x 1.05	3	23/32	15/32	.083	.7	130619	130635
x 1	x 1.315	3	23/32	1/2	.083	.7	130693	130708
x 1 1/4	x 1.66	3	23/32	9/16	.083	.7	130732	130758
x 1 1/2	x 1.90	3	23/32	11/16	.083	.7	130774	130790
2 1/2 x 3/4	2.875 x 1.05	3 1/2	7/8	15/32	.083	.9	130813	479063
x 1	x 1.315	3 1/2	7/8	1/2	.083	.9	130839	479089
x 1 1/4	x 1.66	3 1/2	7/8	9/16	.083	.9	130855	272631
x 1 1/2	x 1.90	3 1/2	7/8	11/16	.083	.9	130871	130897
x 2	x 2.375	3 1/2	7/8	23/32	.083	.9	130910	130936
3 x 1	3.5 x 1.315	3 1/2	29/32	1/2	.095	1	111893	479102
x 1 1/4	x 1.66	3 1/2	29/32	9/16	.095	1	130960	479110
x 1 1/2	x 1.90	3 1/2	29/32	11/16	.095	1	130986	131005
x 2	x 2.375	3 1/2	29/32	23/32	.095	1	131021	131055
x 2 1/2	x 2.875	3 1/2	29/32	7/8	.095	1	131089	131110
3 1/2 x 1	4 x 1.315	4	15/16	1/2	.095	2	409539	479128
x 1 1/2	x 1.90	4	15/16	11/16	.095	2	131128	479136
x 2	x 2.375	4	15/16	23/32	.095	2	131152	229785
x 2 1/2	x 2.875	4	15/16	7/8	.095	2	131178	111924
x 3	x 3.5	4	15/16	29/32	.095	2	131209	435425
4 x 1	4.5 x 1.315	4	31/32	1/2	.109	2	400187	479152
x 1 1/4	x 1.66	4	31/32	9/16	.109	2	402846	479178
x 1 1/2	x 1.90	4	31/32	11/16	.109	2	131225	479194
x 2	x 2.375	4	31/32	23/32	.109	2	131241	229939
x 2 1/2	x 2.875	4	31/32	7/8	.109	2	131275	131291
x 3	x 3.5	4	31/32	29/32	.109	2	131330	249256
x 3 1/2	x 4	4	31/32	15/16	.109	2	131372	249264

Sizes and reductions not shown are available. Dimensions are in inches. All weights are approximate. Specifications: pg. 60. Tolerances: pg. 58.

Sizes not shown may be available upon request.

Available in "regular" thickness (similar to Schedule 40s).