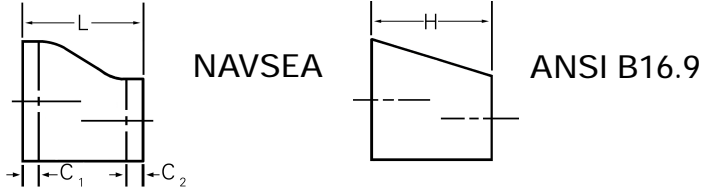


Copper-Nickel Butt Welding Fittings

Eccentric 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 ₁ (Min)	C ₂ (Min)	Nominal Wall	Lbs/Ft	90-10 Part Number	70-30 Part Number
3/4 x 1/2	1.05 x .840	1 1/2	15/32	7/16	.065	.09	479699	479924
1 x 1/2	1.315 x .840	2	1/2	7/16	.065	.15	405098	479940
x 3/4	x 1.05	2	1/2	15/32	.065	.15	479712	479966
1 1/4 x 3/4	1.66 x 1.05	2	9/16	15/32	.072	.2	130520	479982
x 1	x 1.315	2	9/16	1/2	.072	.2	438635	479990
1 1/2 x 1/2	1.90 x .840	2 1/2	11/16	7/16	.072	.3	402155	480014
x 3/4	x 1.05	2 1/2	11/16	15/32	.072	.3	437752	480022
x 1	x 1.315	2 1/2	11/16	1/2	.072	.3	430572	480048
x 1 1/4	x 1.66	2 1/2	11/16	9/16	.072	.3	408452	480056
2 x 1/2	2.375 x .840	3	23/32	7/16	.083	.7	479746	480072
x 3/4	x 1.05	3	23/32	15/32	.083	.7	411625	468999
x 1	x 1.315	3	23/32	1/2	.083	.7	465747	480098
x 1 1/4	x 1.66	3	23/32	9/16	.083	.7	411617	480111
x 1 1/2	x 1.90	3	23/32	11/16	.083	.7	430580	480137
2 1/2 x 3/4	2.875 x 1.05	3 1/2	7/8	15/32	.083	.9	479762	480145
x 1	x 1.315	3 1/2	7/8	1/2	.083	.9	406793	480161
x 1 1/4	x 1.66	3 1/2	7/8	9/16	.083	.9	411617	480111
x 1 1/2	x 1.90	3 1/2	7/8	11/16	.083	.9	229727	480187
x 2	x 2.375	3 1/2	7/8	23/32	.083	.9	229735	480195
3 x 1	3.5 x 1.315	3 1/2	29/32	1/2	.095	1	476992	480200
x 1 1/4	x 1.66	3 1/2	29/32	9/16	.095	1	479788	480349
x 1 1/2	x 1.90	3 1/2	29/32	11/16	.095	1	462090	480357
x 2	x 2.375	3 1/2	29/32	23/32	.095	1	131063	480365
x 2 1/2	x 2.875	3 1/2	29/32	7/8	.095	1	229777	480373
3 1/2 x 1	4 x 1.315	4	15/16	1/2	.095	2	479835	480381
x 1 1/2	x 1.90	4	15/16	11/16	.095	2	472273	480399
x 2	x 2.375	4	15/16	23/32	.095	2	229793	480404
x 2 1/2	x 2.875	4	15/16	7/8	.095	2	479843	480412
x 3	x 3.5	4	15/16	29/32	.095	2	229808	480420
4 x 1	4.5 x 1.315	4	31/32	1/2	.109	2	479877	480438
x 1 1/4	x 1.66	4	31/32	9/16	.109	2	479908	480446
x 1 1/2	x 1.90	4	31/32	11/16	.109	2	411463	480454
x 2	x 2.375	4	31/32	23/32	.109	2	131259	274510
x 2 1/2	x 2.875	4	31/32	7/8	.109	2	131314	480462
x 3	x 3.5	4	31/32	29/32	.109	2	131356	281339
x 3 1/2	x 4	4	31/32	15/16	.109	2	131398	480470

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).