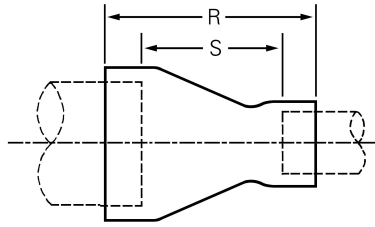


Copper-Nickel Belled End Fittings

Concentric Reducers - NAVSEA 802-5959353 App.B, MSS SP-119



- 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	Minimum Wall	R	S	Weight	NAVSEA/MSS	
						90-10 Part Number	70-30 Part Number
$\frac{3}{8} \times \frac{1}{4}$	.675 x .540	.065	1.84	1.22	.1	481735	481743
$\frac{1}{2} \times \frac{1}{4}$	.840 x .540	.065	1.90	1.27	.1	481777	482587
$\frac{1}{2} \times \frac{3}{8}$	.840 x .675	.065	1.90	1.27	.2	481824	482595
$\frac{3}{4} \times \frac{1}{4}$	1.05 x .540	.065	1.90	1.27	.2	482600	482781
$\frac{3}{4} \times \frac{3}{8}$	1.05 x .675	.065	1.90	1.27	.2	482618	482799
$\frac{3}{4} \times \frac{1}{2}$	1.05 x .840	.065	1.90	1.27	.2	482626	482804
1 x $\frac{1}{4}$	1.315 x .540	.065	2.60	1.91	.3	482634	482812
1 x $\frac{3}{8}$	1.315 x .675	.065	2.60	1.91	.3	482642	482820
1 x $\frac{1}{2}$	1.315 x .840	.065	2.60	1.91	.3	482650	482838
1 x $\frac{3}{4}$	1.315 x 1.05	.065	2.60	1.91	.3	482668	482846
1 $\frac{1}{4}$ x $\frac{1}{4}$	1.66 x .540	.072	2.75	2.00	.6	482676	482854
1 $\frac{1}{4}$ x $\frac{3}{8}$	1.66 x .675	.072	2.75	2.00	.6	482684	482862
1 $\frac{1}{4}$ x $\frac{1}{2}$	1.66 x .840	.072	2.75	2.00	.6	474518	482870
1 $\frac{1}{4}$ x $\frac{3}{4}$	1.66 x 1.05	.072	2.75	2.00	.6	482692	482888
1 $\frac{1}{4}$ x 1	1.66 x 1.315	.072	2.75	1.94	.6	482707	482896
1 $\frac{1}{2}$ x $\frac{1}{4}$	1.90 x .540	.072	3.37	2.50	.7	482715	482901
1 $\frac{1}{2}$ x $\frac{3}{8}$	1.90 x .675	.072	3.37	2.50	.7	482723	482919
1 $\frac{1}{2}$ x $\frac{1}{2}$	1.90 x .840	.072	3.37	2.50	.7	482731	482927
1 $\frac{1}{2}$ x $\frac{3}{4}$	1.90 x 1.05	.072	3.37	2.50	.7	474526	482935
1 $\frac{1}{2}$ x 1	1.90 x 1.315	.072	3.37	2.44	.7	482749	482943
1 $\frac{1}{2}$ x 1 $\frac{1}{4}$	1.90 x 1.66	.072	3.37	2.37	.7	474534	482951
2 x $\frac{1}{2}$	2.375 x .840	.083	3.84	2.97	.9	482757	482969
2 x $\frac{3}{4}$	2.375 x 1.05	.083	3.84	2.97	.9	482765	482985
2 x 1	2.375 x 1.315	.083	3.84	2.90	.9	482773	482993
2 x 1 $\frac{1}{4}$	2.375 x 1.66	.083	3.84	2.84	.9	474380	483004
2 x 1 $\frac{1}{2}$	2.375 x 1.90	.083	3.84	2.72	.9	480551	474403
2 $\frac{1}{2}$ x 1**	2.875 x 1.315	.083	4.34*	3.15*	1	501412	
2 $\frac{1}{2}$ x 1 $\frac{1}{4}$	2.875 x 1.66	.083	4.34*	3.15*	1	495962	480616
2 $\frac{1}{2}$ x 1 $\frac{1}{2}$	2.875 x 1.90	.083	4.34*	3.03*	1	495954	480632
2 $\frac{1}{2}$ x 2	2.875 x 2.375	.083	4.34*	3.03*	1	494681	480640

Dimension R is end to end of fitting. Dimension S is end to end of the adjoining pipe. Dimensions are in inches. Sizes not shown may be available upon request.

*MSS SP-119 dimensions are .19" longer.

**These sizes not included in NAVSEA/MSS, dimensions per Alaskan standards. All other sizes are dual certified.