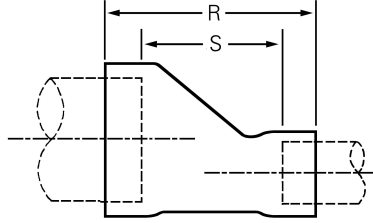


Copper-Nickel Belled End Fittings

Eccentric 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	483884	484369
$\frac{1}{2} \times \frac{1}{4}$	.840 x .540	.065	1.90	1.27	.1	483876	484377
$\frac{1}{2} \times \frac{3}{8}$	.840 x .675	.065	1.90	1.27	.2	483892	484385
$\frac{3}{4} \times \frac{1}{4}$	1.05 x .540	.065	1.90	1.27	.2	483868	484393
$\frac{3}{4} \times \frac{3}{8}$	1.05 x .675	.065	1.90	1.27	.2	483907	484408
$\frac{3}{4} \times \frac{1}{2}$	1.05 x .840	.065	1.90	1.27	.2	483915	484416
1 x $\frac{1}{4}$	1.315 x .540	.065	2.60	1.91	.3	483923	484424
1 x $\frac{3}{8}$	1.315 x .675	.065	2.60	1.91	.3	483931	484432
1 x $\frac{1}{2}$	1.315 x .840	.065	2.60	1.91	.3	483949	484440
1 x $\frac{3}{4}$	1.315 x 1.05	.065	2.60	1.91	.3	483957	484458
1 $\frac{1}{4}$ x $\frac{1}{4}$	1.66 x .540	.072	2.75	2.00	.6	483965	484466
1 $\frac{1}{4}$ x $\frac{3}{8}$	1.66 x .675	.072	2.75	2.00	.6	483973	484474
1 $\frac{1}{4}$ x $\frac{1}{2}$	1.66 x .840	.072	2.75	2.00	.6	483981	484482
1 $\frac{1}{4}$ x $\frac{3}{4}$	1.66 x 1.05	.072	2.75	2.00	.6	483999	484490
1 $\frac{1}{4}$ x 1	1.66 x 1.315	.072	2.75	1.94	.6	484000	484505
1 $\frac{1}{2}$ x $\frac{1}{4}$	1.90 x .540	.072	3.37	2.50	.7	484018	484513
1 $\frac{1}{2}$ x $\frac{3}{8}$	1.90 x .675	.072	3.37	2.50	.7	484026	484521
1 $\frac{1}{2}$ x $\frac{1}{2}$	1.90 x .840	.072	3.37	2.50	.7	484034	484539
1 $\frac{1}{2}$ x $\frac{3}{4}$	1.90 x 1.05	.072	3.37	2.50	.7	484042	484547
1 $\frac{1}{2}$ x 1	1.90 x 1.315	.072	3.37	2.44	.7	484050	484555
1 $\frac{1}{2}$ x 1 $\frac{1}{4}$	1.90 x 1.66	.072	3.37	2.37	.7	484068	484563
2 x $\frac{1}{2}$	2.375 x .840	.083	3.84	2.97	.9	484076	484571
2 x $\frac{3}{4}$	2.375 x 1.05	.083	3.84	2.97	.9	484084	484589
2 x 1	2.375 x 1.315	.083	3.84	2.90	.9	484092	484597
2 x 1 $\frac{1}{4}$	2.375 x 1.66	.083	3.84	2.84	.9	484107	484602
2 x 1 $\frac{1}{2}$	2.375 x 1.90	.083	3.84	2.72	.9	484115	484610
2 $\frac{1}{2}$ x 1 $\frac{1}{4}$	2.875 x 1.66	.083	4.34	3.15	1	484123	484628
2 $\frac{1}{2}$ x 1 $\frac{1}{2}$	2.875 x 1.90	.083	4.34	3.03	1	484131	484636
2 $\frac{1}{2}$ x 2	2.875 x 2.375	.083	4.34	3.03	1	484149**	484644

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.

Also available as Street Reducers.

*2 $\frac{1}{2}$ " reducers are .19" longer on MSS.

**MSS part number.