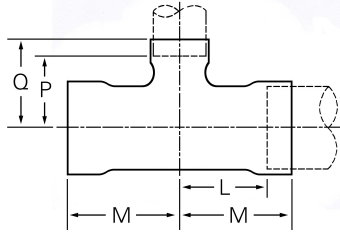


Copper-Nickel Belled End Fittings

Reducing Tees - 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	M	L	Q	P	Weight	NAVSEA/MSS	
								90-10 Part Number	70-30 Part Number
1 x 1 x 3/4	1.315 x 1.315 x 1.05	.065	1.50	1.12	1.50	1.18	.4	587191	
2 x 2 x 1	2.375 x 2.375 x 1.315	.083	2.50	1.94	2.00	1.62	2	587183	499974
2 x 2 x 1 1/2	2.375 x 2.375 x 1.90	.083	2.50	1.94	2.38	1.82	2	480292	480307
2 1/2 x 2 1/2 x 1 1/4	2.875 x 2.875 x 1.66	.083	3.00	2.25	2.50	2.06	2	470205	479592
2 1/2 x 2 1/2 x 1 1/2	2.875 x 2.875 x 1.90	.083	3.00	2.25	2.62	2.06	2	470302	479893
2 1/2 x 2 1/2 x 2	2.875 x 2.875 x 2.375	.083	3.00	2.25	2.75	2.19	2	470297	479885
3 x 3 x 1 1/2	3.500 x 3.500 x 1.90	.095	3.38	2.62	2.88	2.32	3	470213	479607
3 x 3 x 2	3.500 x 3.500 x 2.375	.095	3.38	2.62	3.00	2.44	3	470849	479869
3 x 3 x 2 1/2	3.500 x 3.500 x 2.875	.095	3.38	2.62	3.25	2.50	3	470263	479819
4 x 4 x 2	4.500 x 4.500 x 2.375	.109	4.12	3.31	3.50	2.94	5.5	470221	479615
4 x 4 x 2 1/2	4.500 x 4.500 x 2.875	.109	4.12	3.31	3.75	3.00	5.5	470310	479916
4 x 4 x 3	4.500 x 4.500 x 3.500	.109	4.12	3.31	3.88	3.13	6	474330	479932
5 x 5 x 2 1/2	5.563 x 5.563 x 2.875	.125	4.88	3.94	4.25	3.50	9	470239	479623
5 x 5 x 3	5.563 x 5.563 x 3.500	.125	4.88	3.94	4.38	3.63	9	480006	479974
5 x 5 x 4	5.563 x 5.563 x 4.500	.125	4.88	3.94	4.62	3.80	9.5	470271	479827
6 x 6 x 3	6.625 x 6.625 x 3.500	.134	5.62	4.62	4.88	4.13	13.5	470247	479631
6 x 6 x 4	6.625 x 6.625 x 4.500	.134	5.62	4.62	5.12	4.30	14	474322	479657
6 x 6 x 5	6.625 x 6.625 x 5.563	.134	5.62	4.62	5.38	4.44	14	470289	479851
8 x 8 x 4	8.625 x 8.625 x 4.500	.151	7.00	5.75	6.12	5.30	26	467391	479704
8 x 8 x 5	8.625 x 8.625 x 5.563	.151	7.00	5.75	6.38	5.44	27	467406	479720
8 x 8 x 6	8.625 x 8.625 x 6.625	.151	7.00	5.75	6.62	5.62	27	467414	479738
10 x 10 x 5	10.75 x 10.75 x 5.563	.187	8.50	7.06	7.50	6.56	50	470255	479754
10 x 10 x 6	10.75 x 10.75 x 6.625	.187	8.50	7.06	7.62	6.62	50.5	476007	479958
10 x 10 x 8	10.75 x 10.75 x 8.625	.187	8.50	7.06	8.00	6.75	52	480080	480103
12 x 12 x 6	12.75 x 12.75 x 6.625	.250	10.00	8.43	8.62	7.62	116	479796	479770
12 x 12 x 8	12.75 x 12.75 x 8.625	.250	10.00	8.43	9.00	7.75	117	480129	480153
12 x 12 x 10	12.75 x 12.75 x 10.75	.250	10.00	8.43	9.50	8.06	120	480030	480064

Dimensions M and Q are center to end of fitting.
 Dimensions P and L are center of fitting to end of adjoining pipe.
 Dimensions are in inches.
 Sizes not shown may be available upon request.