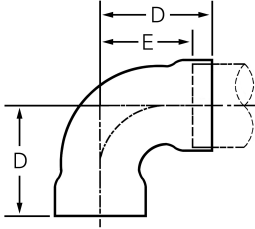


Copper-Nickel Belled End Fittings

Short Radius 90° Elbows - 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	NAVSEA		MSS		Weight	NAVSEA/MSS	
			D	E	D	E		90-10 Part Number	70-30 Part Number
1	1.315	.081	1.75	1.37	1.81	1.43	.7	480218*	483737*
1 1/4	1.660	.090	2.00	1.56	2.00	1.56	1.5	480226	483745
1 1/2	1.900	.090	2.62	2.06	2.62	2.06	2	480234	483753
2	2.375	.104	3.12	2.56	3.12	2.56	3	480242	476722
2 1/2	2.875	.104	4.00	3.25	4.00	3.25	3.5	467448	471748
3	3.500	.119	4.50	3.75	4.50	3.75	6	469864	470637
3 1/2**	4.000	.119	5.06	4.31	5.06	4.31	7		
4	4.500	.136	5.62	4.81	5.62	4.80	10	469872	470645
5	5.563	.156	6.75	5.81	6.75	5.81	17	467383	483648
6	6.625	.168	7.81	6.81	7.81	6.81	24	469880	474364
8	8.625	.189	10.19	8.94	10.19	8.94	33.5	467359	483656
10	10.75	.234	12.50	11.06	12.50	11.06	73	467367	467375
12	12.75	.312	14.62	13.06	14.62	13.06	102	480250	483779

*NAVSEA part number only. MSS also available.

**3 1/2" size is not included in NAVSEA or MSS, dimensions per Alaskan standards.