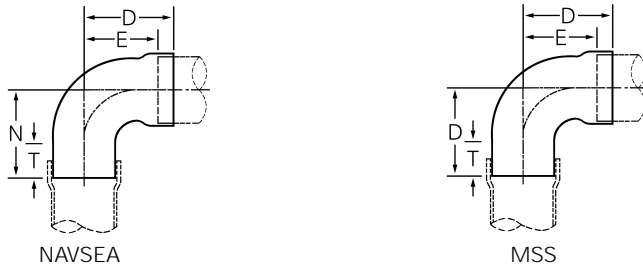


## Copper-Nickel Belled End Fittings

### Short Radius 90° Street Elbows



- 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				T (Tangent) Weight	MSS			NAVSEA		MSS	
			D	E	N	T		D	E	T	90-10 Part Number	70-30 Part Number	90-10 Part Number	70-30 Part Number
1	1.315	.081	1.75	1.37	1.50	0.50	.7	1.81	1.43	0.81	483559	483606	582272	
1 1/4	1.660	.090	2.00	1.56	1.81	0.56	1.5	2.00	1.56	1.00	483575	483614		
1 1/2	1.900	.090	2.62	2.06	2.19	0.69	2	2.62	2.06	1.12	483583	483622		
2	2.375	.104	3.12	2.56	2.72	0.72	3	3.12	2.56	1.12	483591	483630		
2 1/2	2.875	.104	4.00	3.25	3.38	0.88	3.5	4.00	3.25	1.50	470069	483486	494372	
3	3.500	.119	4.50	3.75	3.91	0.91	6	4.50	3.75	1.50	470077	483494	494461	589428
3 1/2*	4.000	.119	5.06	4.31	4.44	0.93	7	5.06	4.31	1.56				
4	4.500	.136	5.62	4.81	4.97	0.97	10	5.62	4.80	1.62	470085	483509		
5	5.563	.156	6.75	5.81	6.09	1.09	17	6.75	5.81	1.75	474314	483517		
6	6.625	.168	7.81	6.81	7.17	1.17	23	7.81	6.81	1.81	470093	483525		
8	8.625	.189	10.19	8.94	9.38	1.38	32	10.19	8.94	2.19	470108	483533	497744	
10	10.75	.234	12.50	11.06	11.56	1.56	70	12.50	11.06	2.50	470116	483541	587060	
12	12.75	.313	14.62	13.06	13.69	1.69	97	14.62	13.06	2.62	483664	483672	587078	

Dimensions N and D are fitting center to end.  
 Dimension E is center of fitting to end of adjoining pipe.  
 Dimension T is the tangent length of the street end.  
 Dimensions are in inches.

Sizes not shown may be available upon request.

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