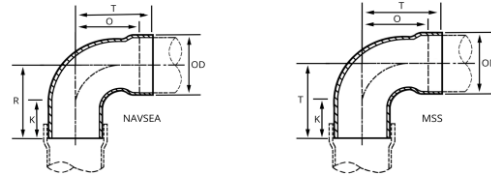


SHORT RADIUS 90 DEGREE STREET ELBOW NAVSEA 802-5959353 App.B, MSS SP-119

90-10 (UNS C70600) and 70-30 (UNS C71500)
Belled End



DIMENSIONS											
NOMINAL PIPE SIZE	OD	T	O	R	K (Tangent)	WEIGHT (lb)	NAVSEA			MSS	
							T	O	K (Tangent)	TORK P/N 90/10	TORK P/N 70/30
1	1.315	1.75	1.37	1.50	0.50	0.70	1.81	1.43	0.81	M110168	M111142
1 1/4	1.660	2.00	1.56	1.81	0.56	1.50	2.00	1.56	1.00	M110169	M111143
1 1/2	1.900	2.62	2.06	2.19	0.69	2.00	2.62	2.06	1.12	M110170	M111144
2	2.375	3.12	2.56	2.72	0.72	3.00	3.12	2.56	1.12	M110171	M111145
2 1/2	2.875	4.00	3.25	3.38	0.88	3.50	4.00	3.25	1.50	M110172	M111146
3	3.500	4.50	3.75	3.91	0.91	6.00	4.50	3.75	1.50	M110173	M111147
3 1/2	4.000	5.06	4.31	4.44	0.94	7.00	5.06	4.31	1.56	M110174	M111148
4	4.500	5.62	4.81	4.97	0.97	10.00	5.62	4.80	1.62	M110175	M111149
5	5.563	6.75	5.81	6.09	1.09	17.00	6.75	5.81	1.75	M110176	M111150
6	6.625	7.81	6.81	7.17	1.17	23.00	7.81	6.81	1.81	M110177	M111151
8	8.625	10.19	8.94	9.38	1.38	32.00	10.19	8.94	2.19	M110178	M111152
10	10.750	12.50	11.06	11.56	1.56	70.00	12.50	11.06	2.50	M110179	M111153
12	12.750	14.62	13.06	13.69	1.69	97.00	14.62	13.06	2.62	M110180	M111154