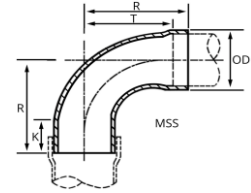
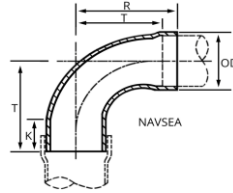


## LONG RADIUS 90 DEGREE STREET ELBOW NAVSEA 802-5959353 App.B, MSS SP-119

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



DIMENSIONS											
NOMINAL PIPE SIZE	OD	R	T	K (Tangent)	WEIGHT (lb)	NAVSEA		MSS		TORK P/N 90/10	TORK P/N 70/30
						R	T	R	T		
1/4	0.540	1.59	1.28	0.28	0.20	2.12	1.80	0.62		<a href="#">M110215</a>	<a href="#">M111172</a>
3/8	0.675	1.94	1.62	0.38	0.30	2.12	1.80	0.62		<a href="#">M110216</a>	<a href="#">M111173</a>
1/2	0.840	2.25	1.94	0.44	0.50	2.25	1.94	0.75		<a href="#">M110217</a>	<a href="#">M111174</a>
3/4	1.050	1.91	1.59	0.47	0.60	2.25	1.94	0.75		<a href="#">M110218</a>	<a href="#">M111175</a>
1	1.315	2.38	2.00	0.50	0.70	2.38	2.00	0.88		<a href="#">M110219</a>	<a href="#">M111176</a>
1 1/4	1.660	2.88	2.44	0.56	1.00	2.88	2.44	1.00		<a href="#">M110220</a>	<a href="#">M111177</a>
1 1/2	1.900	3.50	2.94	0.69	1.00	3.50	2.94	1.25		<a href="#">M110221</a>	<a href="#">M111178</a>
2	2.375	4.28	3.72	0.72	2.00	4.28	3.72	1.28		<a href="#">M110222</a>	<a href="#">M111179</a>
2 1/2	2.875	5.38	4.62	0.88	4.00	5.38	4.62	1.63		<a href="#">M110223</a>	<a href="#">M111180</a>
3	3.500	6.17	5.41	0.91	5.00	6.17	5.41	1.67		<a href="#">M110224</a>	<a href="#">M111181</a>
3 1/2	4.000	6.98	6.18	0.94	8.00	6.98	6.18	1.73		<a href="#">M110225</a>	<a href="#">M111182</a>
4	4.500	7.78	6.97	0.97	9.60	7.78	6.97	1.78		<a href="#">M110226</a>	<a href="#">M111183</a>
5	5.563	9.53	8.59	1.09	16.50	9.53	8.59	2.03		<a href="#">M110227</a>	<a href="#">M111184</a>
6	6.625	11.17	10.17	1.17	27.00	11.17	10.17	2.17		<a href="#">M110228</a>	<a href="#">M111185</a>
8	8.625	14.62	13.38	1.38	35.00	14.62	13.38	2.62		<a href="#">M110229</a>	<a href="#">M111186</a>
10	10.750	18.00	16.56	1.56	65.50	18.00	16.56	3.00		<a href="#">M110230</a>	<a href="#">M111187</a>
12	12.750	21.25	19.69	1.69	116.00	21.25	19.69	3.25		<a href="#">M110231</a>	<a href="#">M111188</a>