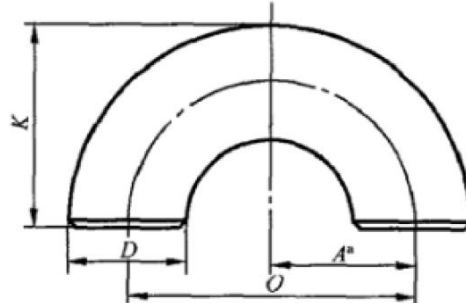


180° Elbow Long & Short Radius



Nominal Pipe Size (NPS)	Outside Diameter At Bevel D (mm)	Long Radius Elbow(mm)		Short Radius Elbow(mm)	
		Center to Center (O)	Back to Face (K)	Center to Center (O)	Back to Face (K)
1/2	21.3	76.2	47.8	-	-
3/4	26.7	76.2	50.8	-	-
1	33.4	76.2	55.6	50.8	41.1
1-1/4	42.2	95.2	69.8	63.5	52.3
1-1/2	48.3	114.3	82.6	76.2	62
2	60.3	152.4	106.4	101.6	81
2-1/2	73	109.5	131.8	127	100.1
3	88.9	228.6	158.8	152.4	120.7
3-1/2	101.6	266.7	184.2	177.8	139.7
4	114.3	304.8	209.6	203.2	158.8
5	141.3	381	261.9	254	196.9
6	168.3	457.2	312.7	304.8	236.5
8	219.1	609.6	414.3	406.4	312.7
10	273.1	762	517.7	508	390.7
12	323.9	914.4	619.3	609.6	466.9
14	355.6	1066.8	711.2	711.2	533.4
16	406.4	1219.2	812.8	812.8	609.6
18	457.2	1371.6	914.4	914.4	685.8
20	508	1524	1016	1016	762
22	558.8	1676.4	1117.6	1117.6	838.2
24	609.6	1828.8	1219.2	1219.2	914.4