

180 Degree Elbow Dimensions

The dimensions of a 180 degree elbow depend on the size of the pipe or tubing and the type of fitting. In the case of a standard 90-degree elbow, the centerline radius (CLR) is usually 1.5 times the pipe's outer diameter (OD). But in case of 180 degree elbow, the CLR is usually 3 times the pipe's outer diameter (OD). Download 180 degree elbow dimensions pdf for your reference



Normal Pipe Size	Outside Diameter D	ASME 180 degree Long Rad		ASME 180 degree Short Rad	
		Center to Center O	Back to Face K	Center to Center O	Back to Face K
1/2	21.3	76	48
3/4	26.7	76	51
1	33.4	76	56	51	41
1.1/4	42.2	95	70	64	52
1.1/2	48.3	114	83	76	62

2	60.3	152	106	102	81
2.1/2	73	190	132	127	100
3	88.9	229	159	152	121
3.1/2	101.6	267	184	178	140
4	114.3	305	210	203	159
5	141.3	381	262	254	197
6	168.3	457	313	305	237
8	219.1	610	414	406	313
10	273	762	518	508	391
12	323.8	914	619	610	467
14	355.6	1067	711	711	533
16	406.4	1219	813	813	610
18	457	1372	914	914	686
20	508	1524	1016	1016	762
22	559	1676	1118	1118	838
24	610	1829	1219	1219	914