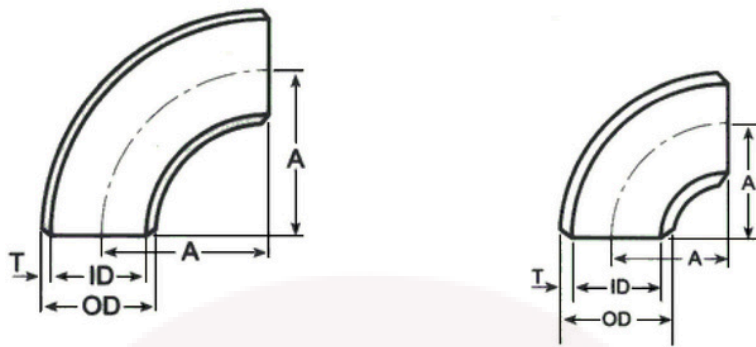


90-Degree Elbow Dimensions Chart



Nominal Pipe Size (NPS)	Outside Diameter (OD) mm	Long Radius (LR) Center-to-End (A) mm	Short Radius (SR) Center-to-End (A) mm
1/2	21.3	38	16
3/4	26.7	38	19
1	33.4	38	25
1 1/4	42.2	48	32
1 1/2	48.3	57	38
2	60.3	76	51
2 1/2	73	95	64
3	88.9	114	76
3 1/2	101.6	133	89
4	114.3	152	102
5	141.3	190	127
6	168.3	229	152
8	219.1	305	203
10	273	381	254
12	323.8	457	305
14	355.6	533	356
16	406.4	610	406
18	457	686	457
20	508	762	508
22	559	838	559
24	610	914	610
26	660	991	660
28	711	1067	711
30	762	1143	762
32	813	1219	813
34	864	1295	864
36	914	1372	914
38	965	1448	965
40	1016	1524	1016
42	1067	1600	1067
44	1118	1676	1118
46	1168	1753	1168
48	1219	1829	1219