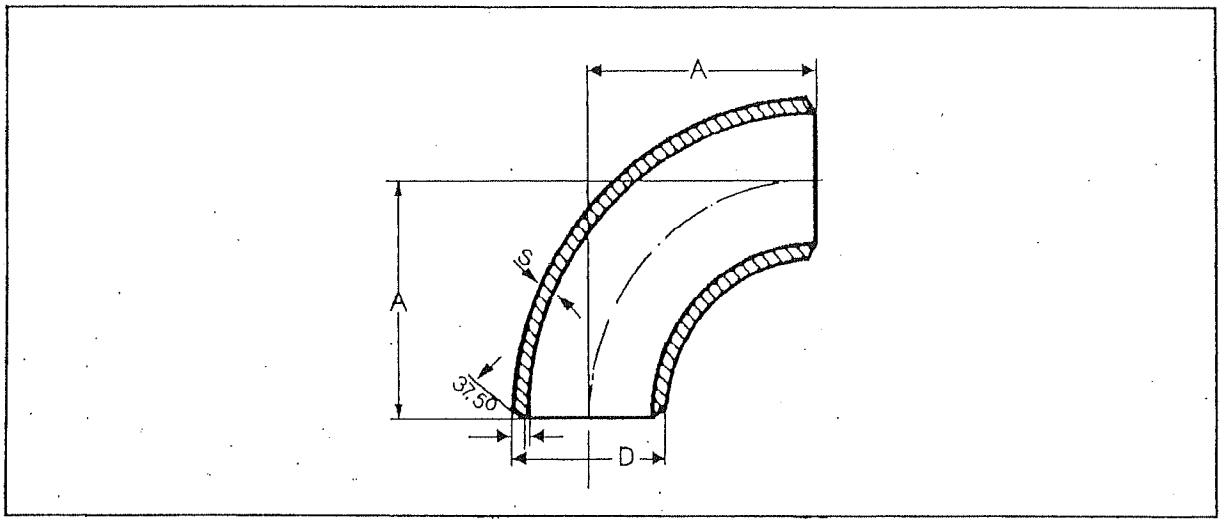
90° Elbows long radius — ANSI B16.9



nominal pipe size	outside diameter	wall thickness S		center to end	weight kg	
	D	STD	XS	A	STD	XS
1/2"	21.34	2.77	3.65	38	0.077	0.100
3/4"	26.67	2.87	3.95	38	0.077	0.100
1"	33.50	3.38	4.55	38	0.154	0.195
1 1/4"	42.16	3.56	4.85	48	0.263	0.340
1 1/2"	48.26	3.68	5.10	57	0.376	0.481
2"	60.33	3.91	5.55	76	0.676	0.907
2 1/2"	73.03	5.16	7.10	95	1.33	1.73
3"	88.90	5.49	7.60	114	2.08	2.78
3 1/2"	101.60	5.74	8.15	133	2.92	3.96
4"	114.30	6.02	8.50	152	3.95	5.40
5"	141.30	6.55	9.50	190	6.67	9.34
6"	168.28	7.11	11.05	229	10.4	15.5
8"	219.08	8.18	12.70	305	20.9	31.3

nominal pipe size	outside diameter	wall thickness S		center to end	weight kg	
	D	STD	XS	A	STD	XS
10"	273.0	9.27	12.70	381	37.0	49.4
12"	323.8	9.53	12.70	457	54.0	71.2
14"	355.6	9.53	12.70	533	69.9	91.6
16"	406.4	9.53	12.70	610	91.2	120.2
18"	457.2	9.53	12.70	686	116.1	153.3
20"	508.0	9.53	12.70	762	143.8	190.1
22"	558.8	9.53	12.70	838	174.6	230.4
24"	609.6	9.53	12.70	914	207.7	274.9
26"	660.4	9.53	12.70	991	244.5	223.4
30"	762.0	9.53	12.70	1143	326.6	432.2
34"	863.6	9.53	12.70	1295	420.0	557.9
36"	914.4	9.53	12.70	1372	471.7	626.0
42"	1066.8	9.53	12.70	1600	644.1	825.7