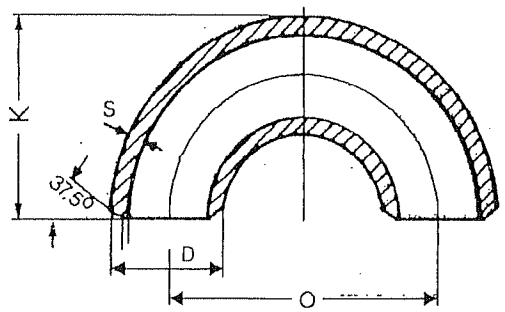
180° Elbows short radius — ANSI B16.28



nominal pipe size	outside diameter	wall thickness S		center to end		weight kg	
	D	STD	XS	O	K	STD	XS
1''	33.50	3.38	4.55	51	41	0.209	
1 1/4''	42.16	3.56	4.85	64	52	0.349	
1 1/2''	48.26	3.68	5.08	76	62	0.503	0.662
2''	60.33	3.91	5.54	102	81	0.898	1.23
2 1/2''	73.03	5.16	7.01	127	100	1.78	2.32
3''	88.90	5.49	7.62	152	121	2.78	3.67
3 1/2''	101.60	5.74	8.08	178	140	3.90	5.31
4''	114.30	6.02	8.56	203	159	5.26	7.30
5''	141.30	6.55	9.53	254	197	8.94	12.6
6''	168.28	7.11	10.97	305	237	13.9	20.7

nominal pipe size	outside diameter	wall thickness S		center to end		weight kg	
	D	STD	XS	O	K	STD	XS
8''	219.08	8.18	12.70	406	313	27.9	42.0
10''	273.00	9.27	12.70	508	391	49.4	66.7
12''	323.80	9.53	12.70	610	467	72.6	95.3
14''	355.60	9.53	12.70	711	533	93.0	122.9
16''	406.40	9.53	12.70	813	610	122.5	161.0
18''	457.20	9.53	12.70	914	686	155.1	204.6
20''	508.00	9.53	12.70	1016	762	192.3	254.0
24''	609.60	9.53	12.70	1219	914	277.6	367.4
30''	762.00	9.53	12.70	1524	-	435.4	577.0
36''	914.40	9.53	12.70	1828.8	-	629.1	833.7