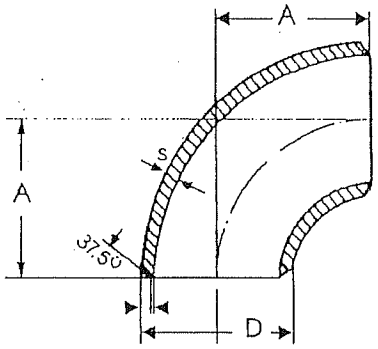
90° Elbows short radius — ANSI B16.28



nominal pipe size	outside diameter	wall thickness S		center to end	weight kg	
	D	STD	XS	A	STD	XS
1"	33.50	3.38	-	25	0.104	-
1 1/4"	42.16	3.56	-	32	0.172	-
1 1/2"	48.26	3.68	5.10	38	0.249	0.327
2"	60.33	3.91	5.55	51	0.449	0.603
2 1/2"	73.03	5.16	7.10	64	0.875	1.14
3"	88.90	5.49	7.60	76	1.38	1.83
3 1/2"	101.60	5.74	8.15	89	1.93	2.61
4"	114.30	6.02	8.50	102	2.62	3.58
5"	141.30	6.55	9.50	127	4.42	6.21
6"	168.24	7.11	11.05	152	6.89	10.3
8"	219.08	8.18	12.70	203	13.8	20.7

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	254	24.5	32.9
12"	323.8	9.53	12.70	305	36.1	47.2
14"	355.6	9.53	12.70	356	46.3	61.2
16"	406.4	9.53	12.70	406	61.2	80.3
18"	457.2	9.53	12.70	457	77.6	102.1
20"	508.0	9.53	12.70	508	96.2	126.1
24"	609.6	9.53	12.70	610	138.3	183.3
30"	762.0	9.53	12.70	762	217.7	287.6
36"	914.4	9.53	12.70	914	313.9	414.1
42"	1066.8	9.53	12.70	1219	489.4	648.6