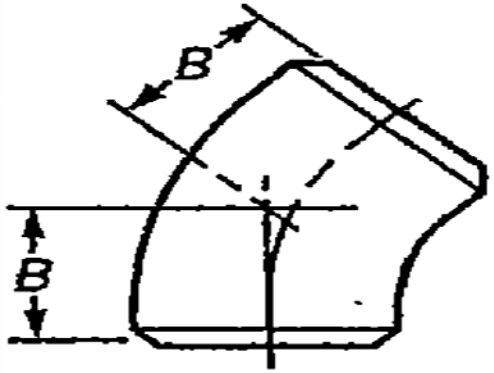
45° Long Radius Elbows

ASME B 16.9 - 2007



Nominal pipe size in	outside diameter at Bevel mm	center to end mm	SCH 10		SCH 20		SCH 30		SCH XS		SCH XXS		SCH STD		SCH 40		SCH 60		SCH 80		SCH 100		SCH 120		SCH 140		SCH 160	
			wall thk. mm	weight kg	wall thk. mm	weight kg	wall thk. mm	weight kg	wall thk. mm	weight kg	wall thk. mm	weight kg	wall thk. mm	weight kg	wall thk. mm	weight kg	wall thk. mm	weight kg	wall thk. mm	weight kg	wall thk. mm	weight kg	wall thk. mm	weight kg	wall thk. mm	weight kg	wall thk. mm	weight kg
	D	B	T		T		T		T		T		T		T		T		T		T		T		T		T	
1/2"	21.3	16							3.73	0.08	7.47	0.16	2.77	0.04	2.77	0.04			3.73	0.08							4.78	0.11
3/4"	26.7	19							3.91	0.08	7.82	0.16	2.87	0.04	2.87	0.04			3.91	0.08							5.56	0.11
1"	33.4	22							4.55	0.14	9.09	0.17	3.38	0.11	3.38	0.11			4.55	0.14							6.35	0.14
1.1/4"	42.2	25							5.08	0.29	10.15	0.45	3.68	0.23	3.68	0.23			5.08	0.29							6.35	0.34
1.1/2"	48.3	29							4.85	0.22	9.7	0.31	3.56	0.17	3.56	0.17			4.85	0.22							7.14	0.22
2"	60.3	35							5.54	0.49	11.07	0.84	3.91	0.37	3.91	0.37			5.54	0.49							8.74	0.7
2.1/2"	73	44							7.01	0.95	14.02	1.6	5.16	0.74	5.16	0.74			7.01	0.95							9.53	1.17
3"	88.9	51							7.62	1.47	15.24	2.59	5.49	1.1	5.49	1.1			7.62	1.47							11.13	2.01
3.1/2"	101.6	57							8.08	2.01			5.74	1.49	5.74	1.49			8.08	2.01								
4"	114.3	64							8.56	2.66	17.12	5.15	6.02	1.95	6.02	1.95			8.56	2.66			11.13	3.56			13.49	4.21
5"	141.3	79							9.53	4.63	19.05	9.05	6.55	3.31	6.55	3.31			9.53	4.63			12.7	6.33			15.88	7.71
6"	168.3	95							10.97	7.57	21.95	14.95	7.11	5.13	7.11	5.13			10.97	7.57			14.27	10.21			18.26	12.73
8"	219.1	127			6.35	8.37	7.04	9.25	12.7	15.4	22.23	27.2	8.18	10.3	8.18	10.3	10.31		12.7	15.4	15.09	19.1	18.65	22.73	20.62		23.01	27.97
10"	273	159			6.35	13.11	7.8	16.02	12.7	24.4	25.4	48.71	9.27	18.3	9.27	18.3	12.7		15.09	30.16	18.26	35.91	21.44	41.77	25.4	48.71	28.58	54.1
12"	323.8	190			6.35	18.73	8.38	24.56	12.7	35.5	25.4	70.44	9.53	27	10.31	30.04	14.27		17.48	49.68	21.44	60.14	25.4	70.44	28.58	78.41	33.32	89.95
14"	355.6	222	6.35	24.05	7.92	29.85	9.53	34.7	12.7	45.4			9.53	34.7	11.13	41.53	15.09		19.05	69.34	23.83	85.62	27.79	98.77	31.75	111.48	35.71	123.85
16"	406.4	254	6.35	31.48	7.92	39.1	9.53	45.4	12.7	59.9			9.53	45.4	12.7	59.9	16.66		21.44	102.09	26.19	123.43	30.96	144.03	36.53	167.42	40.49	183.58
18"	457	286	6.35	39.91	9.53	49.6	11.13	69.15	12.7	76.2			9.53	58.1	14.27	88.11	19.05		23.83	143.79	29.36	175.32	34.93	205.6	39.67	230.89	45.24	259.8
20"	508	318	6.35	49.34	9.53	71.7	12.7	94.3	12.7	94.3			9.53	71.7	15.09	114.98	20.62		26.19	195.52	35.54	239.36	38.1	277.29	44.45	319.14	50.01	358.75
22"	559	343	6.35	59.77	9.53	103.9	12.7	114.8	12.7	114.8			9.53	87.1			23.23		28.58	258.18	34.93	311.68	41.28	363.52	47.63	414.81	53.98	470
24"	610	381	6.35	71.2	12.7	193	14.27	157.68	12.7	137			9.53	103.9	17.48	192.05	24.61		30.96	332.36	38.89	412.62	46.02	482.05	52.37	550.81	59.54	615
26"	660	406	7.92	104.5	12.7	161			12.7	161			9.53	122														
28"	711	438	7.92	120.78	12.7	193	15.88	239.28	12.7	193			9.53	154														
30"	762	470	7.92	138.76	12.7	215.5	15.88	275.1	12.7	215			9.53	162.4														
32"	813	502	7.92	157.98	12.7	255	15.88	313.24	12.7	255			9.53	193	17.48													
34"	864	533	7.92	178.44	12.7	279	15.88	354.24	12.7	279			9.53	210	17.48	389.21												
36"	914	565	7.92	200.16	12.7	311	15.88	397.55	12.7	311			9.53	253	19.05	475.52												
38"	965	600							12.7	354			9.53	272														
40"	1016	632							12.7	397			9.53	295														
42"	1067	660							12.7	425			9.53	320														
44"	1118	695							12.7	488			9.53	363														
46"	1168	727							12.7	530			9.53	408														
48"	1219	759							12.7	567			9.53	454														
52"	1321	821							12.7	700			9.53	600														
54"	1372	852							12.7	750			9.53	650														
56"	1422	883							12.7	815			9.53	700														
60"	1524	947							12.7	953			9.53	800														