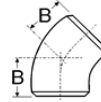
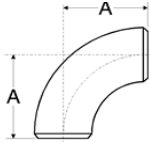


90° and 45° Long Radius Elbows - ANSI B16.9



Dimensions (based on ASME/ANSI B16.9) and example weights for long radius elbows

Nominal Pipe Size	Common		90° Elbow			45° Elbow		
	OD at Bevel		Dimension		40S/STD1 Weight Lbs/piece	Dimension		40S/STD1 Weight Lbs/piece
	in	mm	A			B		
	in	mm	in	mm		in	mm	
1/2	0.84	21.00	1.50	38.00	0.18	0.62	16.00	0.09
3/4	1.05	27.00	1.50	38.00	0.22	0.75	19.00	0.11
1	1.32	33.00	1.50	38.00	0.33	0.88	22.00	0.15
1 1/4	1.66	42.00	1.88	48.00	0.55	1.00	25.00	0.26
1 1/2	1.90	48.00	2.25	57.00	0.79	1.12	29.00	0.40
2	2.38	60.00	3.00	76.00	1.43	1.38	35.00	0.70
2 1/2	2.88	73.00	3.75	95.00	2.84	1.75	44.00	1.41
3	3.50	89.00	4.50	114.00	4.44	2.00	51.00	2.22
3 1/2	4.00	102.00	5.25	133.00	6.23	2.25	57.00	3.10
4	4.50	114.00	6.00	152.00	8.45	2.50	64.00	4.22
5	5.56	141.00	7.50	190.00	14.32	3.12	79.00	7.15
6	6.62	168.00	9.00	229.00	22.22	3.75	95.00	11.11
8	8.62	219.00	12.00	305.00	44.66	5.00	127.00	22.33
10	10.75	273.00	15.00	381.00	79.20	6.25	159.00	39.60
12	12.75	324.00	18.00	457.00	116.60	7.50	190.00	58.30
14	14.00	356.00	21.00	533.00	149.60	8.75	222.00	74.80
16	16.00	406.00	24.00	610.00	196.24	10.00	254.00	98.12
18	18.00	457.00	27.00	686.00	248.60	11.25	286.00	124.30
20	20.00	508.00	30.00	762.00	308.00	12.50	318.00	154.00
22	22.00	559.00	33.00	838.00	374.00	13.50	343.00	187.00
24	24.00	610.00	36.00	914.00	444.40	15.00	381.00	222.20
26	26.00	660.00	39.00	991.00	531.08	16.00	406.00	265.10
28	28.00	711.00	42.00	1067.00	615.78	17.25	438.00	308.00
30	30.00	762.00	45.00	1143.00	706.86	18.50	470.00	353.10
32	32.00	813.00	48.00	1219.00	804.32	19.75	502.00	402.60
34	34.00	864.00	51.00	1295.00	-	21.00	533.00	-
36	36.00	914.00	54.00	1372.00	1017.94	22.25	565.00	508.20
38	38.00	965.00	57.00	1448.00	-	23.62	600.00	-
40	40.00	1016.00	60.00	1524.00	1256.86	24.88	632.00	628.10
42	42.00	1067.00	63.00	1600.00	1385.56	26.00	660.00	693.00
44	44.00	1118	66.00	1676.00	-	27.38	695.00	-
46	46.00	1168.00	69.00	1753.00	-	28.62	727.00	-
48	48.00	1219.00	72.00	1829.00	-	29.88	759.00	-

Notes
 Dimensions quoted in mm are 'Nominal' values from B16.9 (i.e. rounded equivalents of the inch dimensions).
 Refer to ASME/ANSI B16.9 for additional 'Max' and 'Min' metric dimensions.
 Weights are approximate and based on manufacturers' data (where available) for Schedule 40S/Standard fittings.

FITTINGS THROUGH 100" PIPE SIZE ARE AVAILABLE

Sumitec Int'l, Inc

Phone (877)-837-9618 Fax (866) 311-5335 email:sumitecsales@comcast.net

We also Supply Carbon and Stainless Steel Flanges and Pipes