

Straight Fitting Dimensions



Nom. Pipe Size	90 Elbows			45 Elbows		180 Return Bends				Tee		Lap Joint Stub Ends			Caps
	Long Rad.	Short Rad.	3R	Long Rad.	3R	Long Rad		Short Rad		C	M	F	G	R	E
	A	A	A	B	B	O	K	O	K						
1/2	1.50			0.62		3.00	1.88			1.00	1.00	3.00	1.38	0.12	1.00
3/4	1.50			0.75		3.00	2.00			1.12	1.12	3.00	1.69	0.12	1.00
1	1.50	1.00		0.88		3.00	2.19	2.00	1.62	1.50	1.50	4.00	2.00	0.12	1.50
1 1/4	1.88	1.25		1.00		3.75	2.75	2.50	2.06	1.88	1.88	4.00	2.50	0.19	1.50
1 1/2	2.25	1.50		1.12		4.50	3.25	3.00	2.44	2.25	2.25	4.00	2.88	0.25	1.50
2	3.00	2.00	6.00	1.38	2.50	6.00	4.19	4.00	3.19	2.50	2.50	6.00	3.62	0.31	1.50
2 1/2	3.75	2.50	7.50	1.75	3.12	7.50	5.19	5.00	3.94	3.00	3.00	6.00	4.12	0.31	1.50
3	4.50	3.00	9.00	2.00	3.75	9.00	6.25	6.00	4.75	3.38	3.38	6.00	5.00	0.38	2.00
3 1/2	5.25	3.50	10.50	2.25		10.50	7.25	7.00	5.50	3.75	3.75	6.00	5.50	0.38	2.50
4	6.00	4.00	12.00	2.50	5.00	12.00	8.25	8.00	6.25	4.12	4.12	6.00	6.19	0.44	2.50
5	7.50	5.00	15.00	3.12		15.00	10.31	10.00	7.75	4.88	4.88	8.00	7.31	0.44	3.00
6	9.00	6.00	18.00	3.75	7.44	18.00	12.31	12.00	9.31	5.62	5.62	8.00	8.50	0.50	3.50
8	12.00	8.00	24.00	5.00	9.94	24.00	16.31	16.00	12.31	7.00	7.00	8.00	10.62	0.50	4.00
10	15.00	10.00	30.00	6.25	12.44	30.00	20.38	20.00	15.38	8.50	8.50	10.00	12.75	0.50	5.00
12	18.00	12.00	36.00	7.50	14.88	36.00	24.38	24.00	18.38	10.00	10.00	10.00	15.00	0.50	6.00
14	21.00	14.00	42.00	8.75	17.38	42.00	28.00	28.00	21.00	11.00	11.00	12.00	16.25	0.50	6.50
16	24.00	16.00	48.00	10.00	19.88	48.00	32.00	32.00	24.00	12.00	12.00	12.00	18.50	0.50	7.00
18	27.00	18.00	54.00	11.25	22.38	54.00	36.00	36.00	27.00	13.50	13.50	12.00	21.00	0.50	8.00
20	30.00	20.00	60.00	12.50	24.88	60.00	40.00	40.00	30.00	15.00	15.00	12.00	23.00	0.50	9.00
22	33.00	22.00	66.00	13.50	27.31	66.00	44.00	44.00	33.00	16.50	16.50	12.00	25.25	0.50	10.00
24	36.00	24.00	72.00	15.00	29.81	72.00	48.00	48.00	36.00	17.00	17.00	12.00	27.25	0.50	10.50
26	39.00		78.00	16.00	32.31					19.50	19.50				10.50
28	42.00		84.00	17.25	34.75					20.50	20.50				10.50
30	45.00		90.00	18.50	37.25					22.00	22.00				10.50
32	48.00			19.75						23.50	23.50				10.50
34	51.00		102.00	21.00	42.25					25.00	25.00				10.50
36	54.00		108.00	22.25	44.69					26.50	26.50				10.50
38	57.00		114.00	23.62	47.25					28.00	28.00				12.00
40	60.00		120.00	24.88	49.75					29.50	29.50				12.00
42	63.00		126.00	26.00	52.19					30.00	28.00				12.00
44	66.00		132.00	27.38	54.69					32.00	30.00				13.50
46	69.00		138.00	28.62	57.19					33.50	31.50				13.50
48	72.00		144.00	29.88	59.69					35.00	33.00				13.50

All dimensions given in inches for common diameters and wall thicknesses.
 Dimensions in accordance with ASME B16.9. Other sizes, schedules and wall thicknesses also available.