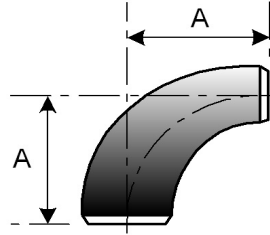


## Dimensions of Reducing Elbows to ASME B16.9



Nominal Pipe Size NPS	O.D. at Bevel		Centre to End A
	Large End	Small End	
2 x 1 1/2	2.38	1.90	3.00
2 x 1 1/4	2.38	1.66	3.00
2 x 1	2.38	1.32	3.00
2 1/2 x 2	2.88	2.38	3.75
2 1/2 x 1 1/2	2.88	1.90	3.75
2 1/2 x 1 1/4	2.88	1.66	3.75
3 x 2 1/2	3.50	2.88	4.50
3 x 2	3.50	2.38	4.50
3 x 1 1/2	3.50	1.90	4.50
3 1/2 x 3	4.00	3.50	5.25
3 1/2 x 2 1/2	4.00	2.88	5.25
3 1/2 x 2	4.00	2.38	5.25
4 x 3 1/2	4.50	4.00	6.00
4 x 3	4.50	3.50	6.00
4 x 2 1/2	4.50	2.88	6.00
4 x 2	4.50	2.38	6.00
5 x 4	5.56	4.50	7.50
5 x 3 1/2	5.56	4.00	7.50
5 x 3	5.56	3.50	7.50
5 x 2 1/2	5.56	2.88	7.50
6 x 5	6.62	5.56	9.00
6 x 4	6.62	4.50	9.00
6 x 3 1/2	6.62	4.00	9.00
6 x 3	6.62	3.50	9.00
8 x 6	8.62	6.62	12.00
8 x 5	8.62	5.56	12.00
8 x 4	8.62	4.50	12.00

Nominal Pipe Size NPS	O.D. at Bevel		Centre to End A
	Large End	Small End	
10 x 8	10.75	8.62	15.00
10 x 6	10.75	6.62	15.00
10 x 5	10.75	5.56	15.00
12 x 10	12.75	10.75	18.00
12 x 8	12.75	8.62	18.00
12 x 6	12.75	6.62	18.00
14 x 12	14.00	12.75	21.00
14 x 10	14.00	10.75	21.00
14 x 8	14.00	8.62	21.00
16 x 14	16.00	14.00	24.00
16 x 12	16.00	12.75	24.00
16 x 10	16.00	10.75	24.00
18 x 16	18.00	16.00	27.00
18 x 14	18.00	14.00	27.00
18 x 12	18.00	12.75	27.00
18 x 10	18.00	10.75	27.00
20 x 18	20.00	18.00	30.00
20 x 16	20.00	16.00	30.00
20 x 14	20.00	14.00	30.00
20 x 12	20.00	12.75	30.00
20 x 10	20.00	10.75	30.00
24 x 22	24.00	22.00	36.00
24 x 20	24.00	20.00	36.00
24 x 18	24.00	18.00	36.00
24 x 16	24.00	16.00	36.00
24 x 14	24.00	14.00	36.00
24 x 12	24.00	12.75	36.00

All dimensions are given in inches