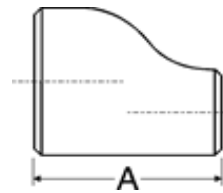
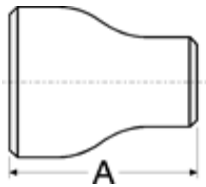


# Concentric and Eccentric Reducers - ANSI B16.9



Dimensions (based on ASME/ANSI B16.9) and example weights for reducers

Nominal Pipe Size	Large End OD at Bevel		Small End OD at Bevel		End To End Dimension		Weight 40S/STD Lbs/piece
	in	mm	in	mm	A		
3/4 to 1/2	1.05	27.00	0.84	21.00	1.50	38.00	0.13
3/4 to 3/8	1.05	27.00	0.68	17.00	1.50	38.00	-
1 to 3/4	1.32	33.00	1.05	27.00	2.00	51.00	0.26
1 to 1/2	1.32	32.00	0.84	21.00	2.00	51.00	0.24
1 1/4 to 1	1.66	42.00	1.32	33.00	2.00	51.00	0.35
1 1/4 to 3/4	1.66	42.00	1.05	27.00	2.00	51.00	0.31
1 1/4 to 1/2	1.66	42.00	0.84	21.00	2.00	51.00	0.29
1 1/2 to 1 1/4	1.90	48.00	1.66	42.00	2.50	64.00	0.53
1 1/2 to 1	1.90	48.00	1.32	33.00	2.50	64.00	0.48
1 1/2 to 3/4	1.90	48.00	1.05	27.00	2.50	64.00	0.44
1 1/2 to 1/2	1.90	48.00	0.84	21.00	2.50	64.00	0.81
2 to 1 1/2	2.38	60.00	1.90	48.00	3.00	76.00	0.77
2 to 1 1/4	2.38	60.00	1.66	42.00	3.00	76.00	0.70
2 to 1	2.38	60.00	1.32	33.00	3.00	76.00	0.66
2 to 3/4	2.38	60.00	1.05	27.00	3.00	76.00	1.58
2 1/2 to 2	2.88	73.00	2.38	60.00	3.50	89.00	1.58
2 1/2 to 1 1/2	2.88	73.00	1.90	48.00	3.50	89.00	1.45
2 1/2 to 1 1/4	2.88	73.00	1.66	42.00	3.50	89.00	1.39
2 1/2 to 1	2.88	73.00	1.32	33.00	3.50	89.00	-
3 to 2 1/2	3.50	89.00	2.88	73.00	3.50	89.00	2.05
3 to 2	3.50	89.00	2.38	60.00	3.50	89.00	1.87
3 to 1 1/2	3.50	89.00	1.90	48.00	3.50	89.00	1.72
3 to 1 1/4	3.50	89.00	1.66	42.00	3.50	89.00	1.65
3 1/2 to 3	4.00	102.00	3.50	89.00	4.00	102.00	-
3 1/2 to 2 1/2	4.00	102.00	2.88	73.00	4.00	102.00	-
3 1/2 to 2	4.00	102.00	2.38	60.00	4.00	102.00	-
3 1/2 to 1 1/2	4.00	102.00	1.90	48.00	4.00	102.00	-
4 to 3 1/2	4.50	114.00	4.00	102.00	4.00	102.00	-
4 to 3	4.50	114.00	3.50	89.00	4.00	102.00	3.19
4 to 2 1/2	4.50	114.00	2.88	73.00	4.00	102.00	3.01
4 to 2	4.50	114.00	2.38	60.00	4.00	102.00	2.79
4 to 1 1/2	4.50	114.00	1.90	48.00	4.00	102.00	2.60
5 to 4	5.56	141.00	4.50	114.00	5.00	127.00	5.50
5 to 3	5.56	141.00	3.50	89.00	5.00	127.00	5.00

Continue on next page

## Concentric and Eccentric Reducers - ANSI B16.9

Nominal Pipe Size	Large End OD at Bevel		Small End OD at Bevel		End To End Dimension		Weight 40S/STD Lbs/piece
					A		
	in	mm	in	mm	in	mm	
5 to 2 1/2	5.56	141.00	2.88	73.00	5.00	127.00	4.75
6 to 5	6.62	168.00	5.56	141.00	5.50	140.00	7.85
6 to 4	6.62	168.00	4.50	114	5.50	140.00	7.26
6 to 3	6.62	168.00	3.50	89.00	5.50	140.00	6.69
8 to 6	8.62	219.00	6.62	168.00	6.00	152.00	12.56
8 to 5	8.62	219.00	5.56	141.00	6.00	152.00	11.88
8 to 4	8.62	219.00	4.50	114	6.00	152.00	11.22
10 to 8	10.75	273.00	8.62	219.00	7.00	178.00	21.08
10 to 6	10.75	273.00	6.62	168.00	7.00	178.00	19.32
10 to 5	10.75	273.00	5.56	141.00	7.00	178.00	18.52
12 to 10	12.75	324.00	10.75	273.00	8.00	203.00	29.92
12 to 8	12.75	324.00	8.62	219.00	8.00	203.00	27.94
12 to 6	12.75	324.00	6.62	168.00	8.00	203.00	11.8
14 to 12	14.00	356.00	12.75	324.00	13.00	330.00	55.88
14 to 10	14.00	356.00	10.75	273.00	13.00	330.00	51.92
14 to 8	14.00	356.00	8.62	219.00	13.00	330.00	47.96
16 to 14	16.00	406.00	14.00	356.00	14.00	356.00	68.20
16 to 12	16.00	406.00	12.75	324.00	14.00	356.00	65.12
16 to 10	16.00	406.00	10.75	273.00	14.00	356.00	61.16
18 to 16	18.00	457.00	16.00	406.00	15.00	381.00	83.16
18 to 14	18.00	457.00	14.00	356.00	15.00	381.00	78.54
18 to 12	18.00	457.00	12.75	324.00	15.00	381.00	75.46
20 to 18	20.00	508.00	18.00	457.00	20.00	508.00	124.08
20 to 16	20.00	508.00	16.00	406.00	20.00	508.00	117.70
20 to 14	20.00	508.00	14.00	356.00	20.00	508.00	111.76
22 to 20	22.00	559.00	20.00	508.00	20.00	508.00	137.72
22 to 18	22.00	559.00	18.00	457.00	20.00	508.00	131.34
22 to 16	22.00	559.00	16.00	406.00	20.00	508.00	125.62
24 to 22	24.00	610.00	22.00	559.00	20.00	508.00	150.92
24 to 20	24.00	610.00	20.00	508.00	20.00	508.00	144.54
24 to 18	24.00	610.00	18.00	457.00	20.00	508.00	138.60
26 to 24	26.00	600.00	24.00	610.00	24.00	610.00	-
26 to 22	26.00	600.00	22.00	559.00	24.00	610.00	-
26 to 20	26.00	600.00	20.00	508.00	24.00	610.00	-
26 to 18	26.00	600.00	18.00	457.00	24.00	610.00	-
28 to 26	28.00	711.00	26.00	660.00	24.00	610.00	-
28 to 24	28.00	711.00	24.00	610.00	24.00	610.00	-
28 to 20	28.00	711.00	20.00	508.00	24.00	610.00	-
28 to 18	28.00	711.00	18.00	457.00	24.00	610.00	-

Continue on next page

## Concentric and Eccentric Reducers - ANSI B16.9

Nominal Pipe Size	Large End OD at Bevel		Small End OD at Bevel		End To End Dimension		Weight
					A		40S/STD
	in	mm	in	mm	in	mm	Lbs/piece
30 to 28	30.00	762.00	28.00	711.00	24.00	610.00	-
30 to 26	30.00	762.00	26.00	660.00	24.00	610.00	-
30 to 24	30.00	762.00	24.00	610.00	24.00	610.00	-
30 to 20	30.00	762.00	20.00	508.00	24.00	610.00	-
32 to 30	32.00	813.00	30.00	762.00	24.00	610.00	-
32 to 28	32.00	813.00	28.00	711.00	24.00	610.00	-
32 to 26	32.00	813.00	26.00	660.00	24.00	610.00	-
32 to 24	32.00	813.00	24.00	610.00	24.00	610.00	-
34 to 32	34.00	864.00	32.00	813.00	24.00	610.00	-
34 to 30	34.00	864.00	30.00	762.00	24.00	610.00	-
34 to 26	34.00	864.00	26.00	660.00	24.00	610.00	-
34 to 24	34.00	864.00	24.00	610.00	24.00	610.00	-
36 to 34	36.00	914.00	34.00	864.00	24.00	610.00	-
36 to 32	36.00	914.00	32.00	813.00	24.00	610.00	-
36 to 30	36.00	914.00	30.00	762.00	24.00	610.00	-
36 to 26	36.00	914.00	26.00	660.00	24.00	610.00	-
36 to 24	36.00	914.00	24.00	610.00	24.00	610.00	-
38 to 36	38.00	965.00	36.00	914.00	24.00	610.00	-
38 to 34	38.00	965.00	34.00	864.00	24.00	610.00	-
38 to 32	38.00	965.00	32.00	813.00	24.00	610.00	-
38 to 30	38.00	965.00	30.00	762.00	24.00	610.00	-
38 to 28	38.00	965.00	28.00	711.00	24.00	610.00	-
38 to 26	38.00	965.00	26.00	660.00	24.00	610.00	-
40 to 38	40.00	1016.00	38.00	965.00	24.00	610.00	-
40 to 36	40.00	1016.00	36.00	914.00	24.00	610.00	-
40 to 34	40.00	1016.00	34.00	864.00	24.00	610.00	-
40 to 32	40.00	1016.00	32.00	813.00	24.00	610.00	-
40 to 30	40.00	1016.00	30.00	762.00	24.00	610.00	-
42 to 40	42.00	1067.00	40.00	1016.00	24.00	610.00	-
42 to 38	42.00	1067.00	38.00	965.00	24.00	610.00	-
42 to 36	42.00	1067.00	36.00	914.00	24.00	610.00	-
42 to 34	42.00	1067.00	34.00	864.00	24.00	610.00	-
42 to 32	42.00	1067.00	32.00	813.00	24.00	610.00	-
42 to 30	42.00	1067.00	30.00	762.00	24.00	610.00	-
44 to 42	44.00	1118.00	42.00	1067.00	24.00	610.00	-
44 to 40	44.00	1118.00	40.00	1016.00	24.00	610.00	-
44 to 38	44.00	1118.00	38.00	965.00	24.00	610.00	-
44 to 36	44.00	1118.00	36.00	914.00	24.00	610.00	-

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## Concentric and Eccentric Reducers - ANSI B16.9

Nominal Pipe Size	Large End OD at Bevel		Small End OD at Bevel		End To End Dimension		Weight
					A		40S/STD
	in	mm	in	mm	in	mm	Lbs/piece
46 to 44	46.00	1168.00	44.00	1118	28.00	711.00	-
46 to 42	46.00	1168.00	42.00	1067.00	28.00	711.00	-
46 to 40	46.00	1168.00	40.00	1016.00	28.00	711.00	-
46 to 38	46.00	1168.00	38.00	965.00	28.00	711.00	-
48 to 46	48.00	1219.00	46.00	1168.00	28.00	711.00	-
48 to 44	48.00	1219.00	44.00	1118.00	28.00	711.00	-
48 to 42	48.00	1219.00	42.00	1067.00	28.00	711.00	-
48 to 40	48.00	1219.00	40.00	1016.00	28.00	711.00	-

Dimensions quoted in mm are 'Nominal' values from B16.9 (i.e. rounded equivalents of the inch dimensions) Refer to B16.9 for additional 'Max' and 'Min' metric dimensions.

**FITTINGS THROUGH 100" PIPE SIZE ARE AVAILABLE**

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