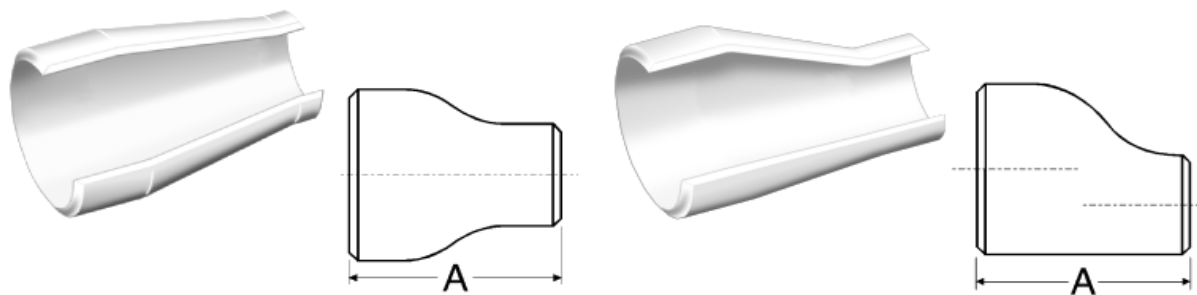


Concentric and Eccentric Reducers - ANSI B16.9



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

Nominal Pipe Size	Large End		Small End		End to End		Weight
	OD at Bevel		OD at Bevel		Dimension		40S/STD ¹
	in	mm	in	mm	A		kg/piece
$\frac{3}{4}$ Ö $\frac{1}{2}$	1.05	27	0.84	21	1.50	38	0.06
$\frac{3}{4}$ Ö $\frac{3}{8}$	1.05	27	0.68	17	1.50	38	-
$\frac{3}{4}$	1.32	33	1.05	27	2.00	51	0.12
$\frac{1}{2}$	1.32	32	0.84	21	2.00	51	0.11
$\frac{1}{4}$ Ö1					1.66	42	0.10
$\frac{1}{4}$ Ö $\frac{3}{4}$	1.66	42	1.05	27	2.00	51	0.14
$\frac{1}{4}$ Ö $\frac{1}{2}$	1.66	42	0.84	21	2.00	51	0.13
$\frac{1}{2}$ Ö1 $\frac{1}{4}$	1.90	48	1.66	42	2.50	64	0.24
$\frac{1}{2}$ Ö1	1.90	48	1.32	33	2.50	64	0.22
$\frac{1}{2}$ Ö $\frac{3}{4}$					1.90	48	0.18
$\frac{1}{2}$ Ö $\frac{1}{2}$	1.90	48	0.84	21	2.50	64	0.18
$\frac{1}{2}$	2.38	60	1.90	48	3.00	76	0.37
$\frac{1}{4}$	2.38	60	1.66	42	3.00	76	0.35
	2.38	60	1.32	33	3.00	76	0.32
2Ö $\frac{3}{4}$					2.38	60	0.30
$\frac{1}{2}$ Ö2	2.88	73	2.38	60	3.50	89	0.72
$\frac{1}{2}$ Ö1 $\frac{1}{2}$	2.88	73	1.90	48	3.50	89	0.66
$\frac{1}{2}$ Ö1 $\frac{1}{4}$	2.88	73	1.66	42	3.50	89	0.63
$\frac{1}{2}$ Ö1	2.88	73	1.32	33	3.50	89	-
3Ö2 $\frac{1}{2}$					3.50	89	0.85
	3.50	89	2.38	60	3.50	89	0.85
$\frac{1}{2}$	3.50	89	1.90	48	3.50	89	0.78
$\frac{1}{4}$	3.50	89	1.66	42	3.50	89	0.75
$\frac{1}{2}$ Ö3	4.00	102	3.50	89	4.00	102	-
3 $\frac{1}{2}$ Ö2 $\frac{1}{2}$					4.00	102	-
	4.00	102	2.38	60	4.00	102	-
$\frac{1}{2}$ Ö1 $\frac{1}{2}$	4.00	102	1.90	48	4.00	102	-
$\frac{1}{2}$ Ö1 $\frac{1}{4}$, and 4, 5, 6, & 8Ö3 $\frac{1}{2}$ are also available							
$\frac{1}{2}$	4.50	114	4.00	102	4.00	102	-
					4.00	102	1.45
$\frac{1}{2}$	4.50	114	2.88	73	4.00	102	1.37
	4.50	114	2.38	60	4.00	102	1.27
$\frac{1}{2}$	4.50	114	1.90	48	4.00	102	1.18
	5.56	141	4.50	114	5.00	127	2.50
5Ö3.5	5.56	141	4.50	114	5.00	127	2.27







Concentric and Eccentric Reducers - ANSI B16.9

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

Nominal Pipe Size	Large End		Small End		End to End		Weight
	OD at Bevel		OD at Bevel		Dimension		40S/STD ¹
	in	mm	in	mm	in	mm	kg/piece
502½	5.56	141	2.88	73	5.00	127	2.16
	6.62	168	5.56	141	5.50	140	3.57
	6.62	168	4.50	114	5.50	140	3.30
	6.62	168	3.50	89	5.50	140	3.04
8068.622196.621686.001525.71	8.62	219	5.56	141	6.00	152	5.40
	8.62	219	4.50	114	6.00	152	5.10
	10.75	273	8.62	219	7.00	178	9.58
	10.75	273	6.62	168	7.00	178	8.78
100510.752735.561417.001788.42	12.75	324	10.75	273	8.00	203	13.6
	12.75	324	8.62	219	8.00	203	12.7
	12.75	324	6.62	168	8.00	203	11.8
	14.00	356	12.75	324	13.00	330	25.4
1401014.0035610.7527313.0033023.6	14.00	356	8.62	219	13.00	330	21.8
	16.00	406	14.00	356	14.00	356	31.0
	16.00	406	12.75	324	14.00	356	29.6
	16.00	406	10.75	273	14.00	356	27.8
1801618.0045716.0040615.0038137.8	18.00	457	14.00	356	15.00	381	35.7
	18.00	457	12.75	324	15.00	381	34.3
	20.00	508	18.00	457	20.00	508	56.4
	20.00	508	16.00	406	20.00	508	53.5
2001420.0050814.0035620.0050850.8	22.00	559	20.00	508	20.00	508	62.6
	22.00	559	18.00	457	20.00	508	59.7
	22.00	559	16.00	406	20.00	508	57.1
	24.00	610	22.00	559	20.00	508	68.6
2402024.0061020.0050820.0050865.7	24.00	610	18.00	457	20.00	508	63.0
	26.00	600	24.00	610	24.00	610	-
	26.00	600	22.00	559	24.00	610	-
	26.00	600	20.00	508	24.00	610	-
2601826.0060018.0045724.00610-	28.00	711	26.00	660	24.00	610	-
	28.00	711	24.00	610	24.00	610	-
	28.00	711	20.00	508	24.00	610	-
	28.00	711	18.00	457	24.00	610	-
3002830.0076228.0071124.00610-	30.00	762	26.00	660	24.00	610	-
	30.00	762	24.00	610	24.00	610	-
	30.00	762	20.00	508	24.00	610	-
	32.00	813	30.00	762	24.00	610	-
3202832.0081328.0071124.00610-							

Concentric and Eccentric Reducers - ANSI B16.9

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

Nominal Pipe Size	Large End		Small End		End to End		Weight
	OD at Bevel		OD at Bevel		Dimension		40S/STD ¹
							
	in	mm	in	mm	in	mm	kg/piece
32" O26	32.00	813	26.00	660	24.00	610	-
	32.00	813	24.00	610	24.00	610	-
	34.00	864	32.00	813	24.00	610	-
	34.00	864	30.00	762	24.00	610	-
34" O2634.0086426.0066024.00610-							
	34.00	864	24.00	610	24.00	610	-
	36.00	914	34.00	864	24.00	610	-
	36.00	914	32.00	813	24.00	610	-
	36.00	914	30.00	762	24.00	610	-
36" O2636.0091426.0066024.00610-							
	36.00	914	24.00	610	24.00	610	-
	38.00	965	36.00	914	24.00	610	-
	38.00	965	34.00	864	24.00	610	-
	38.00	965	32.00	813	24.00	610	-
38" O3038.0096530.0076224.00610-							
	38.00	965	28.00	711	24.00	610	-
	38.00	965	26.00	660	24.00	610	-
	40.00	1016	38.00	965	24.00	610	-
	40.00	1016	36.00	914	24.00	610	-
40" O3440.00101634.0086424.00610-							
	40.00	1016	32.00	813	24.00	610	-
	40.00	1016	30.00	762	24.00	610	-
	42.00	1067	40.00	1016	24.00	610	-
	42.00	1067	38.00	965	24.00	610	-
42" O3642.00106736.0091424.00610-							
	42.00	1067	34.00	864	24.00	610	-
	42.00	1067	32.00	813	24.00	610	-
	42.00	1067	30.00	762	24.00	610	-
	44.00	1118	42.00	1067	24.00	610	-
44" O4044.00111840.00101624.00610-							
	44.00	1118	38.00	965	24.00	610	-
	44.00	1118	36.00	914	24.00	610	-
	46.00	1168	44.00	1118	28.00	711	-
	46.00	1168	42.00	1067	28.00	711	-
46" O4046.00116840.00101628.00711-							
	46.00	1168	38.00	965	28.00	711	-
	48.00	1219	46.00	1168	28.00	711	-
	48.00	1219	44.00	1118	28.00	711	-
	48.00	1219	42.00	1067	28.00	711	-
48" O4048.00121940.00101628.00711-							

Notes

-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.

-For tolerances see page 6-2.

-Other sizes listed in B16.9 are 5" O2, 6" O2 1/2, 10" O4, 12" O5, 14" O6, 16" O8, 18" O10, 20" O12, 22" O14 and 24" O16.

¹Weights are approximate and based on manufacturers' data (where available) for Schedule 40S/Standard fittings.

See page 6-6 for further information.