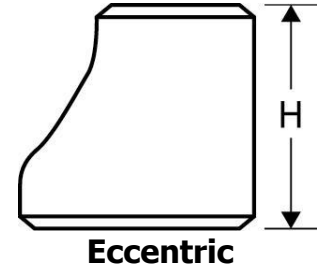
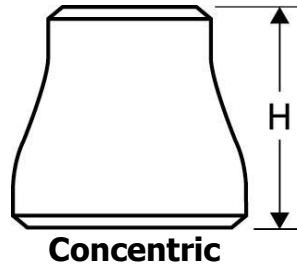




Concentric & Eccentric Reducers
STANDARD WEIGHT
Inches / Pounds



Nominal Pipe Size	Length (H)	Large End			Small End			Approximate Weight (in Pounds)
		Outside Diameter	Inside Diameter	Wall Thickness	Outside Diameter	Inside Diameter	Wall Thickness	
3/4 x 1/2	1	1.030	0.804	0.113	0.840	0.622	0.109	0.21
1 x 1/2	2	1.315	1.049	0.133	0.840	0.622	0.109	0.36
1 x 3/4	2	1.315	1.049	0.133	1.030	0.804	0.113	0.36
1 1/4 x 1/2	2	1.660	1.380	0.140	0.840	0.622	0.109	0.42
1 1/4 x 3/4	2	1.660	1.380	0.140	1.030	0.804	0.113	0.42
1 1/4 x 1	2	1.660	1.380	0.140	1.315	1.049	0.133	0.48
1 1/2 x 1/2	2.5	1.900	1.610	0.145	0.840	0.622	0.109	0.56
1 1/2 x 3/4	2.5	1.900	1.610	0.145	1.030	0.804	0.113	0.56
1 1/2 x 1	2.5	1.900	1.610	0.145	1.315	1.049	0.133	0.57
1 1/2 x 1 1/4	2.5	1.900	1.610	0.145	1.660	1.380	0.140	0.65
2 x 3/4	3	2.375	2.067	0.154	1.030	0.804	0.113	0.74
2 x 1	3	2.375	2.067	0.154	1.315	1.049	0.133	0.81
2 x 1 1/4	3	2.375	2.067	0.154	1.660	1.380	0.140	0.88
2 x 1 1/2	3	2.375	2.067	0.154	1.900	1.610	0.145	0.94
2 1/2 x 1	3.5	2.875	2.469	0.203	1.315	1.049	0.133	1.3
2 1/2 x 1 1/4	3.5	2.875	2.469	0.203	1.660	1.380	0.140	1.4
2 1/2 x 1 1/2	3.5	2.875	2.469	0.203	1.900	1.610	0.145	1.5
2 1/2 x 2	3.5	2.875	2.469	0.203	2.375	2.067	0.154	1.6
3 x 1	3.5	3.500	3.068	0.216	1.315	1.049	0.133	1.7
3 x 1 1/4	3.5	3.500	3.068	0.216	1.660	1.380	0.140	1.8
3 x 1 1/2	3.5	3.500	3.068	0.216	1.900	1.610	0.145	1.9
3 x 2	3.5	3.500	3.068	0.216	2.375	2.067	0.154	2.0
3 x 2 1/2	3.5	3.500	3.068	0.216	2.875	2.469	0.203	2.2
3 1/2 x 1 1/4	4	4.000	3.548	0.226	1.660	1.380	0.140	2.5
3 1/2 x 1 1/2	4	4.000	3.548	0.226	1.900	1.610	0.145	2.6
3 1/2 x 2	4	4.000	3.548	0.226	2.375	2.067	0.154	2.6
3 1/2 x 2 1/2	4	4.000	3.548	0.226	2.875	2.469	0.203	2.7
3 1/2 x 3	4	4.000	3.548	0.226	3.500	3.068	0.216	2.8



Concentric & Eccentric Reducers – Standard Weight (Continued)

Nominal Pipe Size	Length (H)	Large End			Small End			Approximate Weight (in Pounds)
		Outside Diameter	Inside Diameter	Wall Thickness	Outside Diameter	Inside Diameter	Wall Thickness	
4 X 1	4	4.500	4.026	0.237	1.315	1.049	0.133	2.8
4 X 1 ¼	4	4.500	4.026	0.237	1.660	1.380	0.140	3
4 x 1 ½	4	4.500	4.026	0.237	1.900	1.610	0.145	3
4 x 2	4	4.500	4.026	0.237	2.375	2.067	0.154	3.1
4 x 2 ½	4	4.500	4.026	0.237	2.875	2.469	0.203	3.2
4 x 3	4	4.500	4.026	0.237	3.500	3.068	0.216	3.3
4 x 3 ½	4	4.500	4.026	0.237	4.000	3.548	0.226	3.5
5 X 2	5	5.562	5.046	0.258	2.375	2.067	0.154	4.7
5 X 2 ½	5	5.562	5.046	0.258	2.875	2.469	0.203	4.8
5 X 3	5	5.562	5.046	0.258	3.500	3.068	0.216	5.1
5 X 3 ½	5	5.562	5.046	0.258	4.000	3.548	0.226	5.3
5 X 4	5	5.562	5.046	0.258	4.500	4.026	0.237	5.5
6 X 2	5.5	6.625	6.065	0.280	2.375	2.067	0.154	6.5
6 X 2 ½	5.5	6.625	6.065	0.280	2.875	2.469	0.203	6.6
6 X 3	5.5	6.625	6.065	0.280	3.500	3.068	0.216	6.9
6 X 3 ½	5.5	6.625	6.065	0.280	4.000	3.548	0.226	7.1
6 X 4	5.5	6.625	6.065	0.280	4.500	4.026	0.237	7.4
6 X 5	5.5	6.625	6.065	0.280	5.562	5.046	0.258	7.6
8 X 3	6	8.625	7.981	0.322	3.500	3.068	0.216	9.8
8 X 3 ½	6	8.625	7.981	0.322	4.000	3.548	0.226	10.6
8 X 4	6	8.625	7.981	0.322	4.500	4.026	0.237	10.8
8 X 5	6	8.625	7.981	0.322	5.562	5.046	0.258	11.5
8 X 6	6	8.625	7.981	0.322	6.625	6.065	0.280	12.3
10 X 4	7	10.750	10.020	0.365	4.500	4.026	0.237	18.4
10 X 5	7	10.750	10.020	0.365	5.562	5.046	0.258	19.5
10 X 6	7	10.750	10.020	0.365	6.625	6.065	0.280	20.7
10 X 8	7	10.750	10.020	0.365	8.625	7.981	0.322	22.1
12 X 4	8	12.750	12.000	0.375	4.500	4.026	0.237	26.2
12 X 5	8	12.750	12.000	0.375	5.562	5.046	0.258	27.8
12 X 6	8	12.750	12.000	0.375	6.625	6.065	0.280	29.5
12 X 8	8	12.750	12.000	0.375	8.625	7.981	0.322	30.5
12 X 10	8	12.750	12.000	0.375	10.750	10.020	0.365	32.4
14 X 6	13	14.000	13.250	0.375	6.625	6.065	0.280	59.2
14 X 8	13	14.000	13.250	0.375	8.625	7.981	0.322	60.0
14 X 10	13	14.000	13.250	0.375	10.750	10.020	0.365	61.4
14 X 12	13	14.000	13.250	0.375	12.750	12.000	0.375	63.1



Concentric & Eccentric Reducers – Standard Weight (Continued)

Nominal Pipe Size	Length (H)	Large End			Small End			Approximate Weight (in Pounds)
		Outside Diameter	Inside Diameter	Wall Thickness	Outside Diameter	Inside Diameter	Wall Thickness	
16 X 6	14	16.000	15.250	0.375	6.625	6.065	0.280	67.4
16 X 8	14	16.000	15.250	0.375	8.625	7.981	0.322	69.4
16 X 10	14	16.000	15.250	0.375	10.750	10.020	0.365	71.1
16 X 12	14	16.000	15.250	0.375	12.750	12.000	0.375	72.7
16 X 14	14	16.000	15.250	0.375	14.000	13.250	0.375	75.4
18 X 10	15	18.000	17.250	0.375	10.750	10.020	0.365	83.7
18 X 12	15	18.000	17.250	0.375	12.750	12.000	0.375	84.8
18 X 14	15	18.000	17.250	0.375	14.000	13.250	0.375	86.0
18 X 16	15	18.000	17.250	0.375	16.000	15.250	0.375	87.3
20 X 10	20	20.000	19.250	0.375	10.750	10.020	0.365	117
20 X 12	20	20.000	19.250	0.375	12.750	12.000	0.375	118
20 X 14	20	20.000	19.250	0.375	14.000	13.250	0.375	119
20 X 16	20	20.000	19.250	0.375	16.000	15.250	0.375	121
20 X 18	20	20.000	19.250	0.375	18.000	17.250	0.375	123
24 X 10	20	24.000	23.250	0.375	10.750	10.020	0.365	141
24 X 12	20	24.000	23.250	0.375	12.750	12.000	0.375	144
24 X 14	20	24.000	23.250	0.375	14.000	13.250	0.375	147
24 X 16	20	24.000	23.250	0.375	16.000	15.250	0.375	150
24 X 18	20	24.000	23.250	0.375	18.000	17.250	0.375	153
24 X 20	20	24.000	23.250	0.375	20.000	19.250	0.375	156
24 X 22	20	24.000	23.250	0.375	22.000	21.250	0.375	160
30 X 18	24	30.000	29.250	0.375	18.000	17.250	0.375	315
30 X 20	24	30.000	29.250	0.375	20.000	19.250	0.375	315
30 X 24	24	30.000	29.250	0.375	24.000	23.250	0.375	315
36 X 20	24	36.000	35.250	0.375	20.000	19.250	0.375	379
36 X 24	24	36.000	35.250	0.375	24.000	23.250	0.375	379
36 X 30	24	36.000	35.250	0.375	30.000	29.250	0.375	379
42 X 24	24	42.000	41.250	0.375	24.000	23.250	0.375	443
42 X 30	24	42.000	41.250	0.375	30.000	29.250	0.375	443
42 X 36	24	42.000	41.250	0.375	36.000	35.250	0.375	443
48 X 30	28	48.000	47.250	0.375	30.000	29.250	0.375	525
48 X 36	28	48.000	47.250	0.375	36.000	35.250	0.375	525
48 X 42	28	16.000	15.250	0.375	6.625	6.065	0.280	525

** Dimensions conform to ASME B16.9 & material conforms to ASTM SA-234 Grade B.*