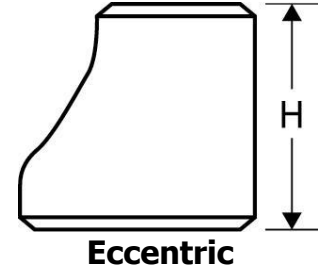
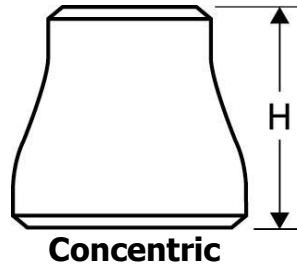




Concentric & Eccentric Reducers
EXTRA Heavy
Inches / Pounds



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	1.5	1.030	0.722	0.154	0.840	0.546	0.147	.25
1 x 1/2	2	1.315	0.957	0.179	0.840	0.546	0.147	.42
1 x 3/4	2	1.315	0.957	0.179	1.030	0.722	0.154	.43
1 1/4 x 1/2	2	1.660	1.278	0.191	0.840	0.546	0.147	.53
1 1/4 x 3/4	2	1.660	1.278	0.191	1.030	0.722	0.154	.53
1 1/4 x 1	2	1.660	1.278	0.191	1.315	0.957	0.179	.57
1 1/2 x 1/2	2.5	1.900	1.500	0.200	0.840	0.546	0.147	.65
1 1/2 x 3/4	2.5	1.900	1.500	0.200	1.030	0.722	0.154	.65
1 1/2 x 1	2.5	1.900	1.500	0.200	1.315	0.957	0.179	.72
1 1/2 x 1 1/4	2.5	1.900	1.500	0.200	1.660	1.278	0.191	.78
2 x 3/4	3	2.375	1.939	0.218	1.030	0.722	0.154	.94
2 x 1	3	2.375	1.939	0.218	1.315	0.957	0.179	1.0
2 x 1 1/4	3	2.375	1.939	0.218	1.660	1.278	0.191	1.1
2 x 1 1/2	3	2.375	1.939	0.218	1.900	1.500	0.200	1.2
2 1/2 x 1	3.5	2.875	2.323	0.276	1.315	0.957	0.179	1.5
2 1/2 x 1 1/4	3.5	2.875	2.323	0.276	1.660	1.278	0.191	1.7
2 1/2 x 1 1/2	3.5	2.875	2.323	0.276	1.900	1.500	0.200	1.9
2 1/2 x 2	3.5	2.875	2.323	0.276	2.375	1.939	0.218	2.1
3 x 1	3.5	3.500	2.900	0.300	1.315	0.957	0.179	2.2
3 x 1 1/4	3.5	3.500	2.900	0.300	1.660	1.278	0.191	2.3
3 x 1 1/2	3.5	3.500	2.900	0.300	1.900	1.500	0.200	2.4
3 x 2	3.5	3.500	2.900	0.300	2.375	1.939	0.218	2.6
3 x 2 1/2	3.5	3.500	2.900	0.300	2.875	2.323	0.276	2.8
3 1/2 x 1 1/4	4	4.000	3.364	0.318	1.660	1.278	0.191	3.3
3 1/2 x 1 1/2	4	4.000	3.364	0.318	1.900	1.500	0.200	3.3
3 1/2 x 2	4	4.000	3.364	0.318	2.375	1.939	0.218	3.3
3 1/2 x 2 1/2	4	4.000	3.364	0.318	2.875	2.323	0.276	3.5
3 1/2 x 3	4	4.000	3.364	0.318	3.500	2.900	0.300	3.7



Concentric & Eccentric Reducers – Extra Heavy (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	3.826	0.337	1.315	0.957	0.179	4
4 X 1 ¼	4	4.500	3.826	0.337	1.660	1.278	0.191	4.1
4 x 1 ½	4	4.500	3.826	0.337	1.900	1.500	0.200	4.2
4 x 2	4	4.500	3.826	0.337	2.375	1.939	0.218	4.3
4 x 2 ½	4	4.500	3.826	0.337	2.875	2.323	0.276	4.6
4 x 3	4	4.500	3.826	0.337	3.500	2.900	0.300	4.7
4 x 3 ½	4	4.500	3.826	0.337	4.000	3.364	0.318	4.9
5 X 2	5	5.562	4.812	0.375	2.375	1.939	0.218	6
5 X 2 ½	5	5.562	4.812	0.375	2.875	2.323	0.276	6.1
5 X 3	5	5.562	4.812	0.375	3.500	2.900	0.300	6.3
5 X 3 ½	5	5.562	4.812	0.375	4.000	3.364	0.318	6.9
5 X 4	5	5.562	4.812	0.375	4.500	3.826	0.337	7.5
6 X 2	5.5	6.625	5.761	0.432	2.375	1.939	0.218	8.6
6 X 2 ½	5.5	6.625	5.761	0.432	2.875	2.323	0.276	9.1
6 X 3	5.5	6.625	5.761	0.432	3.500	2.900	0.300	9.7
6 X 3 ½	5.5	6.625	5.761	0.432	4.000	3.364	0.318	10
6 X 4	5.5	6.625	5.761	0.432	4.500	3.826	0.337	10.7
6 X 5	5.5	6.625	5.761	0.432	5.562	4.812	0.375	11.5
8 X 3	6	8.625	7.625	0.500	3.500	2.900	0.300	15
8 X 3 ½	6	8.625	7.625	0.500	4.000	3.364	0.318	15.9
8 X 4	6	8.625	7.625	0.500	4.500	3.826	0.337	17
8 X 5	6	8.625	7.625	0.500	5.562	4.812	0.375	17.6
8 X 6	6	8.625	7.625	0.500	6.625	5.761	0.432	18.8
10 X 4	7	10.750	9.750	0.500	4.500	3.826	0.337	24.2
10 X 5	7	10.750	9.750	0.500	5.562	4.812	0.375	26.9
10 X 6	7	10.750	9.750	0.500	6.625	5.761	0.432	28.3
10 X 8	8	10.750	9.750	0.500	8.625	7.625	0.500	29.4
12 X 4	8	12.750	11.750	0.500	4.500	3.826	0.337	34.7
12 X 5	8	12.750	11.750	0.500	5.562	4.812	0.375	36.3
12 X 6	8	12.750	11.750	0.500	6.625	5.761	0.432	37.4
12 X 8	8	12.750	11.750	0.500	8.625	7.625	0.500	38.6
12 X 10	8	12.750	11.750	0.500	10.750	9.750	0.500	41.5
14 X 6	13	14.000	13.000	0.500	6.625	5.761	0.432	72.3
14 X 8	13	14.000	13.000	0.500	8.625	7.625	0.500	74.6
14 X 10	13	14.000	13.000	0.500	10.750	9.750	0.500	76.7
14 X 12	13	14.000	13.000	0.500	12.750	11.750	0.500	81



Concentric & Eccentric Reducers – Extra Heavy (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	15.000	0.500	6.625	5.761	0.432	89.8
16 X 8	14	16.000	15.000	0.500	8.625	7.625	0.500	91.1
16 X 10	14	16.000	15.000	0.500	10.750	9.750	0.500	93.3
16 X 12	14	16.000	15.000	0.500	12.750	11.750	0.500	95.8
16 X 14	14	16.000	15.000	0.500	14.000	13.000	0.500	98
18 X 10	15	18.000	17.000	0.500	10.750	9.750	0.500	113
18 X 12	15	18.000	17.000	0.500	12.750	11.750	0.500	115
18 X 14	15	18.000	17.000	0.500	14.000	13.000	0.500	117
18 X 16	15	18.000	17.000	0.500	16.000	15.000	0.500	118
20 X 10	20	20.000	19.000	0.500	10.750	9.750	0.500	152
20 X 12	20	20.000	19.000	0.500	12.750	11.750	0.500	155
20 X 14	20	20.000	19.000	0.500	14.000	13.000	0.500	157
20 X 16	20	20.000	19.000	0.500	16.000	15.000	0.500	159
20 X 18	20	20.000	19.000	0.500	18.000	17.000	0.500	162
24 x 10	20	24.000	23.000	0.500	10.750	9.750	0.500	194
24 x 12	20	24.000	23.000	0.500	12.750	11.750	0.500	194
24 x 14	20	24.000	23.000	0.500	14.000	13.000	0.500	194
24 X 16	20	24.000	23.000	0.500	16.000	15.000	0.500	194
24 X 18	20	24.000	23.000	0.500	18.000	17.000	0.500	197
24 X 20	20	24.000	23.000	0.500	20.000	19.000	0.500	201
30 X 18	24	30.000	29.000	0.500	18.000	17.000	0.500	315
30 X 20	24	30.000	29.000	0.500	20.000	19.000	0.500	315
30 X 24	24	30.000	29.000	0.500	24.000	23.000	0.500	315
36 X 20	24	36.000	35.000	0.500	20.000	19.000	0.500	379
36 X 24	24	36.000	35.000	0.500	24.000	23.000	0.500	379
36 X 30	24	36.000	35.000	0.500	30.000	29.000	0.500	379
42 X 24	24	42.000	41.000	0.500	24.000	23.000	0.500	443
42 X 30	24	42.000	41.000	0.500	30.000	29.000	0.500	443
42 X 36	24	42.000	41.000	0.500	36.000	35.000	0.500	443
48 X 30	28	48.000	47.000	0.500	30.000	29.000	0.500	525
48 X 36	28	48.000	47.000	0.500	36.000	35.000	0.500	525
48 X 42	28	16.000	15.000	0.500	6.625	5.761	0.432	525

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