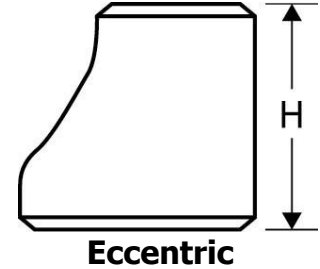
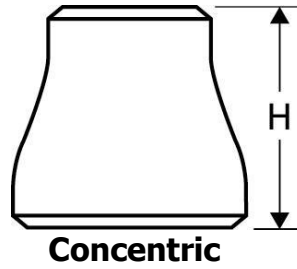




Concentric & Eccentric Reducers
SCHEDULE 160
Inches / Pounds



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	0.414	0.308	0.840	0.252	0.294	0.27
1 x 1/2	2	1.315	0.599	0.358	0.840	0.252	0.294	0.51
1 x 3/4	2	1.315	0.599	0.358	1.030	0.414	0.308	0.55
1 1/4 x 1/2	2	1.660	0.896	0.382	0.840	0.252	0.294	0.68
1 1/4 x 3/4	2	1.660	0.896	0.382	1.030	0.414	0.308	0.72
1 1/4 x 1	2	1.660	0.896	0.382	1.315	0.599	0.358	0.79
1 1/2 x 1/2	2.5	1.900	1.100	0.400	0.840	0.252	0.294	1.02
1 1/2 x 3/4	2.5	1.900	1.100	0.400	1.030	0.414	0.308	1.07
1 1/2 x 1	2.5	1.900	1.100	0.400	1.315	0.599	0.358	1.16
1 1/2 x 1 1/4	2.5	1.900	1.100	0.400	1.660	0.896	0.382	1.27
2 x 3/4	3	2.375	1.499	0.438	1.030	0.414	0.308	1.73
2 x 1	3	2.375	1.499	0.438	1.315	0.599	0.358	1.84
2 x 1 1/4	3	2.375	1.499	0.438	1.660	0.896	0.382	1.97
2 x 1 1/2	3	2.375	1.499	0.438	1.900	1.100	0.400	2.07
2 1/2 x 1	3.5	2.875	1.771	0.552	1.315	0.599	0.358	3.06
2 1/2 x 1 1/4	3.5	2.875	1.771	0.552	1.660	0.896	0.382	3.21
2 1/2 x 1 1/2	3.5	2.875	1.771	0.552	1.900	1.100	0.400	3.33
2 1/2 x 2	3.5	2.875	1.771	0.552	2.375	1.499	0.438	3.59
3 x 1	3.5	3.500	2.300	0.600	1.315	0.599	0.358	4.02
3 x 1 1/4	3.5	3.500	2.300	0.600	1.660	0.896	0.382	4.18
3 x 1 1/2	3.5	3.500	2.300	0.600	1.900	1.100	0.400	4.29
3 x 2	3.5	3.500	2.300	0.600	2.375	1.499	0.438	4.55
3 x 2 1/2	3.5	3.500	2.300	0.600	2.875	1.771	0.552	5.01
3 1/2 x 1 1/4	4	4.000	2.728	0.636	1.660	0.896	0.382	5.73
3 1/2 x 1 1/2	4	4.000	2.728	0.636	1.900	1.100	0.400	5.87
3 1/2 x 2	4	4.000	2.728	0.636	2.375	1.499	0.438	6.17
3 1/2 x 2 1/2	4	4.000	2.728	0.636	2.875	1.771	0.552	6.69
3 1/2 x 3	4	4.000	2.728	0.636	3.500	2.300	0.600	7.24



Concentric & Eccentric Reducers – XXH (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	3.152	0.674	1.315	0.599	0.358	6.6
4 x 1 ¼	4	4.500	3.152	0.674	1.660	0.896	0.382	6.8
4 x 1 ½	4	4.500	3.152	0.674	1.900	1.100	0.400	6.9
4 x 2	4	4.500	3.152	0.674	2.375	1.499	0.438	7.2
4 x 2 ½	4	4.500	3.152	0.674	2.875	1.771	0.552	7.7
4 x 3	4	4.500	3.152	0.674	3.500	2.300	0.600	8.3
4 x 3 ½	4	4.500	3.152	0.674	4.000	2.728	0.636	8.7
5 x 2	5	5.562	4.062	0.750	2.375	1.499	0.438	12
5 x 2 ½	5	5.562	4.062	0.750	2.875	1.771	0.552	13
5 x 3	5	5.562	4.062	0.750	3.500	2.300	0.600	13
5 x 3 ½	5	5.562	4.062	0.750	4.000	2.728	0.636	14
5 x 4	5	5.562	4.062	0.750	4.500	3.152	0.674	15
6 x 2	5.5	6.625	4.897	0.864	2.375	1.499	0.438	18
6 x 2 ½	5.5	6.625	4.897	0.864	2.875	1.771	0.552	19
6 x 3	5.5	6.625	4.897	0.864	3.500	2.300	0.600	19
6 x 3 ½	5.5	6.625	4.897	0.864	4.000	2.728	0.636	20
6 x 4	5.5	6.625	4.897	0.864	4.500	3.152	0.674	21
6 x 5	5.5	6.625	4.897	0.864	5.562	4.062	0.750	22
8 x 3	6	8.625	6.875	0.875	3.500	2.300	0.600	28
8 x 3 ½	6	8.625	6.875	0.875	4.000	2.728	0.636	28
8 x 4	6	8.625	6.875	0.875	4.500	3.152	0.674	29
8 x 5	6	8.625	6.875	0.875	5.562	4.062	0.750	31
8 x 6	6	8.625	6.875	0.875	6.625	4.897	0.864	33
10 x 4	7	10.750	8.750	1.000	4.500	3.152	0.674	46
10 x 5	7	10.750	8.750	1.000	5.562	4.062	0.750	49
10 x 6	7	10.750	8.750	1.000	6.625	4.897	0.864	52
10 x 8	8	10.750	8.750	1.000	8.625	6.875	0.875	63
12 x 4	8	12.750	10.750	1.000	4.500	3.152	0.674	63
12 x 5	8	12.750	10.750	1.000	5.562	4.062	0.750	65
12 x 6	8	12.750	10.750	1.000	6.625	4.897	0.864	68
12 x 8	8	12.750	10.750	1.000	8.625	6.875	0.875	73
12 x 10	8	12.750	10.750	1.000	10.750	8.750	1.000	80

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