



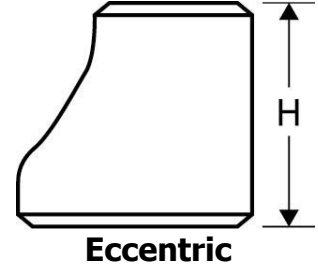
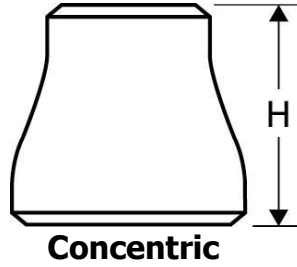
SERVICE METAL
Trust In Every Connection

MASTER DISTRIBUTOR OF
PIPE FITTINGS & VALVES

Concentric & Eccentric Reducers

SCHEDULE 10S

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	0.864	0.083	0.840	0.674	0.083	0.1
1 x 1/2	2	1.315	1.097	0.109	0.840	0.674	0.083	0.1
1 x 3/4	2	1.315	1.097	0.109	1.030	0.864	0.083	0.23
1 1/4 x 1/2	2	1.660	1.442	0.109	0.840	0.674	0.083	0.28
1 1/4 x 3/4	2	1.660	1.442	0.109	1.030	0.864	0.083	0.31
1 1/4 x 1	2	1.660	1.442	0.109	1.315	1.097	0.109	0.14
1 1/2 x 1/2	2.5	1.900	1.682	0.109	0.840	0.674	0.083	0.17
1 1/2 x 3/4	2.5	1.900	1.682	0.109	1.030	0.864	0.083	0.4
1 1/2 x 1	2.5	1.900	1.682	0.109	1.315	1.097	0.109	0.39
1 1/2 x 1 1/4	2.5	1.900	1.682	0.109	1.660	1.442	0.109	0.19
2 x 3/4	3	2.375	2.157	0.109	1.030	0.864	0.083	0.58
2 x 1	3	2.375	2.157	0.109	1.315	1.097	0.109	0.62
2 x 1 1/4	3	2.375	2.157	0.109	1.660	1.442	0.109	0.6
2 x 1 1/2	3	2.375	2.157	0.109	1.900	1.682	0.109	0.64
2 1/2 x 1	3.5	2.875	2.635	0.120	1.315	1.097	0.109	0.91
2 1/2 x 1 1/4	3.5	2.875	2.635	0.120	1.660	1.442	0.109	0.44
2 1/2 x 1 1/2	3.5	2.875	2.635	0.120	1.900	1.682	0.109	0.44
2 1/2 x 2	3.5	2.875	2.635	0.120	2.375	2.157	0.109	0.46
3 x 1	3.5	3.500	3.260	0.120	1.315	1.097	0.109	1.16
3 x 1 1/4	3.5	3.500	3.260	0.120	1.660	1.442	0.109	0.52
3 x 1 1/2	3.5	3.500	3.260	0.120	1.900	1.682	0.109	1.13
3 x 2	3.5	3.500	3.260	0.120	2.375	2.157	0.109	1.32
3 x 2 1/2	3.5	3.500	3.260	0.120	2.875	2.635	0.120	1.15



SERVICE METAL
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MASTER DISTRIBUTOR OF
PIPE FITTINGS & VALVES

Concentric & Eccentric Reducers – Schedule 10S (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	4.260	0.120	1.315	1.097	0.109	1.79
4 X 1 ¼	4	4.500	4.260	0.120	1.660	1.442	0.109	1.79
4 X 1 ½	4	4.500	4.260	0.120	1.900	1.682	0.109	1.79
4 X 2	4	4.500	4.260	0.120	2.375	2.157	0.109	1.79
4 X 2 ½	4	4.500	4.260	0.120	2.875	2.635	0.120	0.81
4 X 3	4	4.500	4.260	0.120	3.500	3.260	0.120	1.9
5 X 2	5	5.562	5.294	0.134	2.375	2.157	0.109	3.23
5 X 2 ½	5	5.562	5.294	0.134	2.875	2.635	0.120	3.23
5 X 3	5	5.562	5.294	0.134	3.500	3.260	0.120	3.23
5 X 4	5	5.562	5.294	0.134	4.500	4.260	0.120	3.23
6 X 2	5.5	6.625	6.357	0.134	2.375	2.157	0.109	4.1
6 X 2 ½	5.5	6.625	6.357	0.134	2.875	2.635	0.120	3.99
6 X 3	5.5	6.625	6.357	0.134	3.500	3.260	0.120	4.21
6 X 4	5.5	6.625	6.357	0.134	4.500	4.260	0.120	3.99
6 X 5	5.5	6.625	6.357	0.134	5.562	5.294	0.134	4.39
8 X 3	6	8.625	8.329	0.148	3.500	3.260	0.120	6.6
8 X 4	6	8.625	8.329	0.148	4.500	4.260	0.120	6.13
8 X 5	6	8.625	8.329	0.148	5.562	5.294	0.134	6.9
8 X 6	6	8.625	8.329	0.148	6.625	6.357	0.134	6.55
10 X 4	7	10.750	10.420	0.165	4.500	4.260	0.120	11
10 X 5	7	10.750	10.420	0.165	5.562	5.294	0.134	11.7
10 X 6	7	10.750	10.420	0.165	6.625	6.357	0.134	11.6
10 X 8	7	10.750	10.420	0.165	8.625	8.329	0.148	11.0
12 X 4	8	12.750	12.390	0.180	4.500	4.260	0.120	15.7
12 X 5	8	12.750	12.390	0.180	5.562	5.294	0.134	16.7
12 X 6	8	12.750	12.390	0.180	6.625	6.357	0.134	15.0
12 X 8	8	12.750	12.390	0.180	8.625	8.329	0.148	15.9
12 X 10	8	12.750	12.390	0.180	10.750	10.420	0.165	16.4
14 X 6	13	14.000	13.500	0.188	6.625	6.357	0.134	31.2
14 X 8	13	14.000	13.500	0.188	8.625	8.329	0.148	31.2
14 X 10	13	14.000	13.500	0.188	10.750	10.420	0.165	31.2
14 X 12	13	14.000	13.500	0.188	12.750	12.390	0.180	33.6



Concentric & Eccentric Reducers – Schedule 10S (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	15.500	0.188	6.625	6.357	0.134	39.2
16 X 8	14	16.000	15.500	0.188	8.625	8.329	0.148	39.2
16 X 10	14	16.000	15.500	0.188	10.750	10.420	0.165	39.2
16 X 12	14	16.000	15.500	0.188	12.750	12.390	0.180	39.2
16 X 14	14	16.000	15.500	0.188	14.000	13.500	0.188	45.2
18 X 10	15	18.000	17.500	0.188	10.750	10.420	0.165	51.6
18 X 12	15	18.000	17.500	0.188	12.750	12.390	0.180	51.6
18 X 14	15	18.000	17.500	0.188	14.000	13.500	0.188	51.6
18 X 16	15	18.000	17.500	0.188	16.000	15.500	0.188	52.4
20 X 10	20	20.000	19.500	0.218	10.750	10.420	0.165	72.6
20 X 12	20	20.000	19.500	0.218	12.750	12.390	0.180	72.6
20 X 14	20	20.000	19.500	0.218	14.000	13.500	0.188	72.6
20 X 16	20	20.000	19.500	0.218	16.000	15.500	0.188	72.6
20 X 18	20	20.000	19.500	0.218	18.000	17.500	0.188	73.8
24 X 10	20	24.000	23.500	0.250	10.750	10.420	0.165	91.8
24 X 12	20	24.000	23.500	0.250	12.750	12.390	0.180	91.8
24 X 14	20	24.000	23.500	0.250	14.000	13.500	0.188	91.8
24 X 16	20	24.000	23.500	0.250	16.000	15.500	0.188	91.8
24 X 18	20	24.000	23.500	0.250	18.000	17.500	0.188	91.8
24 X 20	20	24.000	23.500	0.250	20.000	19.500	0.218	93.6

*** Dimensions conform to ASME B16.9**

Material Specification ASTM SA/A 403 Grades WP304/304L-W and WP316/316L-W