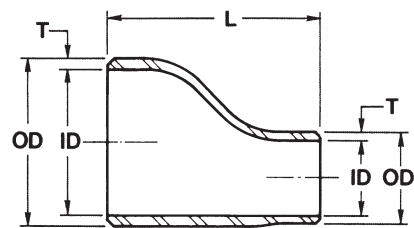
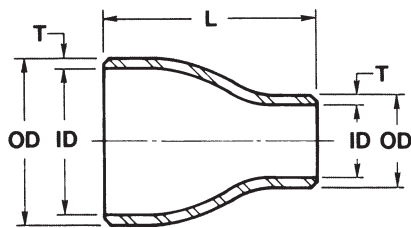
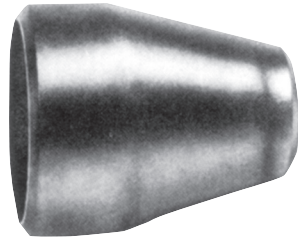


CONCENTRIC AND ECCENTRIC REDUCERS



NOM PIPE SIZE	OUTSIDE DIAMETER		LENGTH (L)	SCHEDULE 10S Light N.P.S.				SCHEDULE 40S Standard N.P.S.				Approx. Wt. in Pounds	
	Large End (OD)	Small End (OD)		LARGE END		SMALL END		LARGE END		SMALL END			
				Inside Diameter (ID)	Wall Thick. (T)	Inside Diameter (ID)	Wall Thick. (T)	Inside Diameter (ID)	Wall Thick. (T)	Inside Diameter (ID)	Wall Thick. (T)		
3/4 x 1/2	1.050	.840	2	.884	.083	.674	.083	.13	.824	.113	.622	.109	.18
1 x 1/2	1.315	.840	2	1.097	.109	.674	.083	.15	1.049	.133	.622	.109	.19
1 x 3/4	1.315	1.050	2	1.097	.109	.884	.083	.17	1.049	.133	.824	.113	.21
1-1/2 x 1/2	1.900	.840	2-1/2	1.682	.109	.674	.083	.21	1.610	.145	.622	.109	.29
1-1/2 x 3/4	1.900	1.050	2-1/2	1.682	.109	.884	.083	.22	1.610	.145	.824	.113	.30
1-1/2 x 1	1.900	1.315	2-1/2	1.682	.109	1.097	.109	.25	1.610	.145	1.049	.133	.33
2 x 3/4	2.375	1.050	3	2.157	.109	.884	.083	.32	2.067	.154	.824	.113	.46
2 x 1	2.375	1.315	3	2.157	.109	1.097	.109	.35	2.067	.154	1.049	.133	.51
2 x 1-1/2	2.375	1.900	3	2.157	.109	1.682	.109	.39	2.067	.154	1.610	.145	.57
3 x 1	3.500	1.315	3-1/2	3.260	.120	1.097	.109	.59	3.068	.216	1.049	.133	1.04
3 x 2	3.500	2.375	3-1/2	3.260	.120	2.157	.109	.69	3.068	.216	2.067	.154	1.26
4 x 2	4.500	2.375	4	4.260	.120	2.157	.109	.99	4.026	.237	2.067	.154	1.98
4 x 3	4.500	3.500	4	4.260	.120	3.260	.120	1.10	4.026	.237	3.068	.216	2.20
6 x 3	6.625	3.500	5-1/2	6.357	.134	3.260	.120	2.29	6.065	.280	3.068	.216	5.02
6 x 4	6.625	4.500	5-1/2	6.357	.134	4.260	.120	2.47	6.065	.280	4.026	.237	5.14
8 x 4	8.625	4.500	6	8.329	.148	4.260	.120	3.80	7.981	.322	4.026	.237	8.26
8 x 6	8.625	6.625	6	8.329	.148	6.357	.134	4.03	7.981	.322	6.065	.280	8.75
10 x 6	10.750	6.625	7	10.420	.165	6.357	.134	6.31	10.020	.365	6.065	.280	14.00
10 x 8	10.750	6.625	7	10.420	.165	8.329	.148	6.55	10.020	.365	7.981	.322	14.50
12 x 6	12.750	6.625	8	12.390	.180	6.357	.134	9.37	12.000	.375	6.065	.280	19.50
12 x 8	12.750	8.625	8	12.390	.180	8.329	.148	9.67	12.000	.375	7.981	.322	20.00
12 x 10	12.750	10.750	8	12.390	.180	10.420	.165	10.00	12.000	.375	10.020	.365	21.00

1. All dimensions are in inches
2. Dimensional tolerances conform to ASME B16.9
3. Fitting wall thicknesses conform with standard schedule 10S and 40S ASME B36.19M wall pipe.
4. Butt welding fittings are permanently marked by electro-chemical etching in accordance with ASME B16.9
5. Estimated fitting weights are based on a density of .163 lbs/cubic inch