

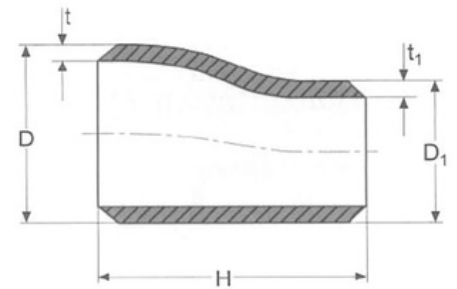
ANSI ECCENTRIC REDUCERS

Special Metric Materials stocks ANSI eccentric reducers. An ANSI eccentric reducer has a smaller outlet that is off-centre to the larger end. This means it can connect pipes with Special Metric Materials stocks ANSI concentric reducers. An ANSI concentric reducer is used to attach pipes or tubes that are on the same axis, usually as a passage between dissimilar dimensional pressurised pipes.

Special Metric Materials stocks ANSI eccentric reducers in accordance with ASTM A403 and ASME B16.9.

Nominal size ANSI eccentric reducers are available from $\frac{3}{4} \times \frac{1}{2}$ " to 16 x 12", Sch.10s and Sch.40s. Larger and custom sizes can be manufactured to order.

Special Metric Materials has ANSI eccentric reducers readily available in stainless steel 304 and 316. Both welded and seamless fittings are available.



Nominal Pipe Size	Schedule	Dimensions in mm					Weight kg/pce
		D	D1	t-	t1	H	
$\frac{3}{4} \times \frac{1}{2}$ "	10s	26.7	21.3	2.11	2.11	39.3	0.100
	40s	26.7	21.3	2.87	2.77	39.3	0.140
1 x $\frac{1}{2}$ "	10s	33.4	21.3	2.77	2.11	50.8	0.120
	40s	33.4	21.3	3.38	2.77	50.8	0.150
1 x $\frac{3}{4}$ "	10s	33.4	26.7	2.77	2.11	50.8	0.130
	40s	33.4	26.7	3.38	2.87	50.8	0.160
1 $\frac{1}{4}$ x $\frac{3}{4}$ "	10s	42.2	26.7	2.77	2.11	50.8	0.180
	1 $\frac{1}{4}$ x 1"	10s	42.2	33.4	2.77	2.77	50.8
1 $\frac{1}{2}$ x 1"		40s	42.2	33.4	3.56	3.38	50.8
	1 $\frac{1}{2}$ x $\frac{1}{2}$ "	40s	48.3	21.3	3.68	2.77	63.5
1 $\frac{1}{2}$ x $\frac{3}{4}$ "		10s	48.3	26.7	2.77	2.11	63.5
	1 $\frac{1}{2}$ x 1"	40s	48.3	26.7	3.68	2.87	63.5
1 $\frac{1}{2}$ x 1"		10s	48.3	33.4	2.77	2.77	63.5
	1 $\frac{1}{2}$ x 1 $\frac{1}{4}$ "	40s	48.3	33.4	3.68	3.38	63.5
1 $\frac{1}{2}$ x 1 $\frac{1}{4}$ "		10s	48.3	42.2	2.77	2.77	63.5
	2 x $\frac{3}{4}$ "	40s	48.3	42.2	3.68	3.56	63.5
2 x $\frac{1}{2}$ "		80s	60.3	26.7	5.54	3.91	76.2
	2 x 1"	10s	60.3	33.4	2.77	2.77	76.2
2 x 1"		40s	60.3	33.4	3.91	3.38	76.2
	2 x 1 $\frac{1}{4}$ "	10s	60.3	42.2	2.77	2.77	76.2
2 x 1 $\frac{1}{2}$ "		10s	60.3	48.3	2.77	2.77	76.2
	2 x 1 $\frac{1}{2}$ "	40s	60.3	48.3	3.91	3.68	76.2
2 $\frac{1}{2}$ x 2"		10s	73.0	60.3	3.05	2.77	88.9
	40s	73.0	60.3	5.16	3.91	88.9	0.800



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Nominal Pipe Size	Schedule	Dimensions in mm					Weight kg/pce
		D	D1	t-	t1	H	
3 x 1	40s	88.9	33.4	5.49	3.38	88.9	0.850
3 x 1½"	10s	88.9	48.3	3.05	2.77	88.9	0.510
	40s	88.9	48.3	5.49	3.68	88.9	0.940
3 x 2"	10s	88.9	60.3	3.05	2.77	88.9	0.550
	40s	88.9	60.3	5.49	3.91	88.9	1.000
3 x 2½"	10s	88.9	73.0	3.05	2.77	88.9	0.590
	40s	88.9	73.0	5.49	5.16	88.9	1.080
4 x 1½"	10s	114.3	48.3	3.05	2.77	101.6	0.629
4 x 2"	10s	114.3	60.3	3.05	2.77	101.6	0.780
	40s	114.3	60.3	6.02	3.91	101.6	1.570
4 x 2½"	10s	114.3	73.0	3.05	3.05	101.6	0.830
	40s	114.3	73.0	6.02	5.16	101.6	1.660
4 x 3"	10s	114.3	88.9	3.05	3.05	101.6	0.870
	40s	114.3	88.9	6.02	5.49	101.6	1.740
5 x 3"	10s	141.3	88.9	3.40	3.05	127.0	1.450
	40s	141.3	88.9	6.55	5.49	127.0	2.850
5 x 4"	10s	141.3	114.3	3.40	3.05	127.0	1.490
	40s	141.3	114.3	6.55	6.02	127.0	2.980
6X 3"	10s	168.3	88.9	3.40	3.05	139.7	1.820
	40s	168.3	88.9	7.11	5.49	139.7	3.980
6x 4"	10s	168.3	114.3	3.40	3.05	139.7	1.950
	40s	168.3	114.3	7.11	6.02	139.7	4.080
6x 5"	10s	168.3	141.3	3.40	3.40	139.7	2.000
	40s	168.3	141.3	7.11	6.55	139.7	4.150
8x 4"	10s	219.1	114.4	3.76	3.05	152.4	3.020
	40s	219.1	114.4	8.18	6.02	152.4	6.550
8x 5"	10s	219.1	141.3	3.76	3.05	152.4	3.080
	40s	219.1	141.3	8.18	6.02	152.4	6.700
8x 6"	10s	219.1	168.3	3.76	3.40	152.4	3.190
	40s	219.1	168.3	8.18	7.11	152.4	6.940
10 X 6"	10s	273.1	168.3	4.19	3.40	177.8	5.000
	40s	273.1	168.3	9.27	7.11	177.8	11.120
10 x 8"	10s	273.1	219.1	4.19	3.76	177.8	5.250
	40s	273.1	219.1	9.27	8.18	177.8	11.560
12 x 6"	10s	323.9	168.3	4.57	3.40	203.2	7.450
	40s	323.9	168.3	9.53	7.11	203.2	11.120
12 x 8"	10s	323.9	219.1	4.57	3.76	203.2	7.670
	40s	323.9	219.1	9.53	8.18	203.2	15.980
12 x 10"	10s	323.9	273.1	4.57	4.19	203.2	7.980
	40s	323.9	273.1	9.53	9.27	203.2	16.630
14 x 8"	10s	355.6	219.1	4.78	3.76	330.2	13.880
14 x 10"	10s	355.6	273.1	4.78	4.19	330.2	14.410
14 x 12"	10s	355.6	323.9	4.78	4.19	330.2	15.290
16 x 10"	10s	406.4	273.1	4.78	4.19	355.6	17.720
16 x 12"	10s	406.4	323.9	4.78	4.19	355.6	18.350



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