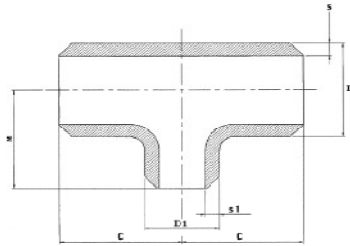




Seamless Carbon Steel Reducing Tees. ASME B16.9



Seamless Carbon Steel Reducing Tees / according to ASME B16.9

Material: ASTM A106 or ASTM A234 / WPB

Including Mill's Certificate as per EN 10204/3.1B

Size	sched.	D		S		D1		S1		C		theor. Weight	
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	Lbs
3/4" x 1/2"	XS	26.7	1.050	3.9	0.154	21.3	0.840	3.7	0.147	28.4	1 1/8"	0.209	0.461
3/4" x 1/2"	160	26.7	1.050	5.6	0.219	21.3	0.840	4.8	0.188	28.4	1 1/8"	0.270	0.595
1" x 1/2"	Std	33.4	1.315	3.4	0.133	21.3	0.840	2.8	0.109	38.1	1 1/2"	0.330	0.720
1" x 1/2"	XS	33.4	1.315	4.5	0.179	21.3	0.840	3.7	0.147	38.1	1 1/2"	0.400	0.880
1" x 1/2"	160	33.4	1.315	6.4	0.250	21.3	0.840	4.8	0.188	38.1	1 1/2"	0.470	1.040
1" x 3/4"	XS	33.4	1.315	4.5	0.179	26.7	1.050	3.9	0.154	38.1	1 1/2"	0.420	0.930
1" x 3/4"	160	33.4	1.315	6.4	0.250	26.7	1.050	5.6	0.219	38.1	1 1/2"	0.470	1.040
1 1/4" x 3/4"	Std	42.2	1.660	3.6	0.140	26.7	1.050	2.9	0.113	47.8	1 7/8"	0.630	1.390
1 1/2" x 1/2"	Std	48.3	1.900	3.7	0.145	21.3	0.840	2.8	0.109	57.2	2 1/4"	0.910	2.000
1 1/2" x 1/2"	XS	48.3	1.900	5.1	0.200	21.3	0.840	3.7	0.147	57.2	2 1/4"	1.090	2.400
1 1/2" x 3/4"	Std	48.3	1.900	3.7	0.145	26.7	1.050	2.9	0.113	57.2	2 1/4"	0.950	2.100
1 1/2" x 3/4"	XS	48.3	1.900	5.1	0.200	26.7	1.050	3.9	0.154	57.2	2 1/4"	1.090	2.400
1 1/2" x 3/4"	160	48.3	1.900	7.1	0.281	26.7	1.050	5.6	0.219	57.2	2 1/4"	1.790	3.950
1 1/2" x 1"	Std	48.3	1.900	3.7	0.145	33.4	1.315	3.4	0.133	57.2	2 1/4"	0.950	2.100
1 1/2" x 1"	XS	48.3	1.900	5.1	0.200	33.4	1.315	4.5	0.179	57.2	2 1/4"	1.130	2.400
1 1/2" x 1"	160	48.3	1.900	7.1	0.281	33.4	1.315	6.4	0.250	57.2	2 1/4"	1.790	3.950
2" x 3/4"	Std	60.3	2.375	3.9	0.154	26.7	1.050	2.9	0.113	63.5	2 1/2"	1.700	3.750
2" x 3/4"	XS	60.3	2.375	5.5	0.218	26.7	1.050	3.9	0.154	63.5	2 1/2"	1.700	3.750
2" x 1"	Std	60.3	2.375	3.9	0.154	33.4	1.315	3.4	0.133	63.5	2 1/2"	1.890	4.160
2" x 1"	XS	60.3	2.375	5.5	0.218	33.4	1.315	4.5	0.179	63.5	2 1/2"	1.870	4.120
2" x 1"	160	60.3	2.375	8.7	0.344	33.4	1.315	6.4	0.250	63.5	2 1/2"	3.180	7.030
2" x 1 1/4"	Std	60.3	2.375	3.9	0.154	42.4	1.660	3.6	0.140	63.5	2 1/2"	1.700	3.750
2" x 1 1/4"	XS	60.3	2.375	5.5	0.218	42.4	1.66	4.9	0.191	63.5	2 1/2"	1.700	3.750
2" x 1 1/2"	Std	60.3	2.375	3.9	0.154	48.3	1.900	3.7	0.145	63.5	2 1/2"	1.320	2.900
2" x 1 1/2"	XS	60.3	2.375	5.5	0.218	48.3	1.900	5.1	0.200	63.5	2 1/2"	1.590	3.500
2" x 1 1/2"	160	60.3	2.375	8.7	0.344	48.3	1.900	7.1	0.281	63.5	2 1/2"	2.500	5.500
2 1/2" x 1 1/4"	Std	73.0	2.875	5.2	0.203	42.4	1.660	3.6	0.140	76.2	3"	2.000	4.400
2 1/2" x 1 1/2"	Std	73.0	2.875	5.2	0.203	48.3	1.900	3.7	0.145	76.2	3"	2.700	5.950
2 1/2" x 1 1/2"	XS	73.0	2.875	7	0.276	48.3	1.900	5.1	0.200	76.2	3"	2.700	5.950
2 1/2" x 2"	Std	73.0	2.875	5.2	0.203	60.3	2.375	3.9	0.154	76.2	3"	2.270	5.000
2 1/2" x 2"	XS	73.0	2.875	7	0.276	60.3	2.375	5.5	0.218	76.2	3"	2.810	6.200
3" x 1"	XS	88.9	3.500	7.6	0.300	33.4	1.315	3.4	0.133	85.9	3 3/8"	3.800	8.350
3" x 1 1/2"	Std	88.9	3.500	5.5	0.216	48.3	1.900	3.7	0.145	85.9	3 3/8"	3.100	6.800
3" x 1 1/2"	XS	88.9	3.500	7.6	0.300	48.3	1.900	5.1	0.200	85.9	3 3/8"	3.800	8.400
3" x 2"	Std	88.9	3.500	5.5	0.216	60.3	2.375	3.9	0.154	85.9	3 3/8"	3.800	8.400
3" x 2"	XS	88.9	3.500	7.6	0.300	60.3	2.375	5.5	0.218	85.9	3 3/8"	4.500	9.920
3" x 2"	160	88.9	3.500	5.5	0.216	60.3	2.375	8.7	0.344	85.9	3 3/8"	5.850	12.900
3" x 2 1/2"	Std	88.9	3.500	7.6	0.300	73.0	2.875	5.2	0.203	85.9	3 3/8"	3.220	7.200

Size	sched.	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	Lbs
3" x 2 1/2"	XS	88.9	3.500	13.5	0.531	73.0	2.875	7	0.276	85.9	3 3/8"	4.000	8.800
4" x 2"	Std	114.3	4.500	6	0.237	60.3	2.375	3.9	0.154	104.6	4 1/8"	5.990	13.200
4" x 2"	XS	114.3	4.500	8.6	0.337	60.3	2.375	5.5	0.218	104.6	4 1/8"	6.800	15.000
4" x 2"	160	114.3	4.500	13.5	0.531	60.3	2.375	8.7	0.344	104.6	4 1/8"	13.400	29.500
4" x 2 1/2"	Std	114.3	4.500	6	0.237	73.0	2.875	5.2	0.203	104.6	4 1/8"	5.400	12.000
4" x 3"	Std	114.3	4.500	6	0.237	88.9	3.500	7.6	0.300	104.6	4 1/8"	5.990	13.200
4" x 3"	XS	114.3	4.500	8.6	0.337	88.9	3.500	13.5	0.531	104.6	4 1/8"	8.440	15.000
4" x 3"	160	114.3	4.500	13.5	0.531	88.9	3.500	11.1	0.438	104.6	4 1/8"	13.900	29.500
5" x 2"	Std	141.3	5.563	6.6	0.258	60.3	2.375	3.9	0.154	124	4 7/8"	9.100	20.000
5" x 4"	Std	141.3	5.563	6.6	0.258	114.3	4.500	6	0.237	124	4 7/8"	9.100	20.000
5" x 4"	XS	141.3	5.563	9.5	0.375	114.3	4.500	8.6	0.337	124	4 7/8"	18.900	28.500
6" x 2"	Std	168.3	6.625	7.1	0.280	60.3	2.375	3.9	0.154	142.7	5 5/8"	13.600	31.000
6" x 2 1/2"	Std	168.3	6.625	7.1	0.280	73.0	2.875	5.2	0.203	142.7	5 5/8"	11.700	25.800
6" x 3"	Std	168.3	6.625	7.1	0.280	88.9	3.500	7.6	0.300	142.7	5 5/8"	14.900	32.900
6" x 3"	XS	168.3	6.625	11	0.432	88.9	3.500	13.5	0.531	142.7	5 5/8"	16.700	36.820
6" x 3"	160	168.3	6.625	18.3	0.719	88.9	3.500	11.1	0.438	142.7	5 5/8"	30.300	68.180
6" x 4"	Std	168.3	6.625	7.1	0.280	114.3	4.500	6	0.237	142.7	5 5/8"	14.900	32.900
6" x 4"	XS	168.3	6.625	11	0.432	114.3	4.500	8.6	0.337	142.7	5 5/8"	19.300	42.500
6" x 4"	160	168.3	6.625	18.3	0.719	114.3	4.500	13.5	0.531	142.7	5 5/8"	26.700	58.860
6" x 5"	XS	168.3	6.625	11	0.432	141.3	5.563	9.5	0.375	142.7	5 5/8"	19.300	42.500
8" x 3"	Std	219.1	8.625	8.2	0.322	88.9	3.500	5.5	0.216	177.8	7"	23.500	52.000
8" x 4"	Std	219.1	8.625	8.2	0.322	114.3	4.500	6	0.237	177.8	7"	27.700	61.000
8" x 4"	XS	219.1	8.625	12.7	0.500	114.3	4.500	8.6	0.337	177.8	7"	30.000	65.000
8" x 4"	160	219.1	8.625	23	0.906	114.3	4.500	13.5	0.531	177.8	7"	60.000	135.000
8" x 5"	XS	219.1	8.625	12.7	0.500	141.3	5.563	9.5	0.375	177.8	7"	34.500	76.000
8" x 6"	Std	219.1	8.625	8.2	0.322	168.3	6.625	7.1	0.280	177.8	7"	27.700	61.000
8" x 6"	XS	219.1	8.625	12.7	0.500	168.3	6.625	11	0.432	177.8	7"	34.500	76.000
10"x 4"	Std	273	10.750	9.3	0.365	114.3	4.500	6	0.237	215.9	8 1/2"	39.600	87.300
10"x 4"	XS	273	10.750	12.7	0.500	114.3	4.500	8.6	0.337	215.9	8 1/2"	48.400	106.700
10"x 4"	80	273	10.750	15.1	0.594	114.3	4.500	8.6	0.337	215.9	8 1/2"	68.000	150.000
10" x 5"	Std	273	10.750	9.3	0.365	141.3	5.563	6.6	0.258	215.9	8 1/2"	39.630	87.360
10" x 6"	Std	273	10.750	9.3	0.365	168.3	6.625	7.1	0.280	215.9	8 1/2"	39.900	88.000
10" x 6"	XS	273	10.750	12.7	0.500	168.3	6.625	11	0.432	215.9	8 1/2"	52.000	116.000
10" x 6"	80	273	10.750	15.1	0.594	168.3	6.625	11	0.432	215.9	8 1/2"	68.000	150.000
10" x 8"	30	273	10.750	7.8	0.307	219.1	8.625	7	0.277	215.9	8 1/2"	38.600	85.090
10" x 8"	Std	273	10.750	9.3	0.365	219.1	8.625	8.2	0.322	215.9	8 1/2"	39.600	88.000
10" x 8"	XS	273	10.750	12.7	0.500	219.1	8.625	12.7	0.500	215.9	8 1/2"	53.000	117.000
10" x 8"	80	273	10.750	15.1	0.594	219.1	8.625	12.7	0.500	215.9	8 1/2"	65.800	144.200
12" x 6"	30	323.9	12.750	9.5	0.375	168.3	6.625	7.1	0.280	254	10"	38.600	143.000
12" x 6"	Std	323.9	12.750	10.3	0.406	168.3	6.625	7.1	0.280	254	10"	39.600	148.200
12" x 6"	XS	323.9	12.750	12.7	0.500	168.3	6.625	11	0.432	254	10"	53.000	164.900
12" x 6"	80	323.9	12.750	17.5	0.688	168.3	6.625	11	0.432	254	10"	65.800	200.000
12" x 8"	30	323.9	12.750	9.5	0.375	219.1	8.625	7	0.277	254	10"	64.900	130.100
12" x 8"	Std	323.9	12.750	10.3	0.406	219.1	8.625	8.2	0.322	254	10"	67.200	143.000
12" x 8"	XS	323.9	12.750	12.7	0.500	219.1	8.625	12.7	0.500	254	10"	74.800	166.000
12" x 8"	80	323.9	12.750	17.5	0.688	219.1	8.625	12.7	0.500	254	10"	91.000	188.200
12" x 10"	30	323.9	12.750	9.5	0.375	273.0	10.750	7.8	0.307	254	10"	59.000	124.800
12" x 10"	Std	323.9	12.750	10.3	0.406	273.0	10.750	9.3	0.365	254	10"	64.900	147.000
12" x 10"	XS	323.9	12.750	12.7	0.500	273.0	10.750	12.7	0.500	254	10"	75.000	168.000
12" x 10"	80	323.9	12.750	17.5	0.688	273.0	10.750	15.1	0.594	254	10"	85.350	234.200
14" x 8"	Std	355.6	14.000	9.5	0.375	219.1	8.625	8.2	0.322	279.4	11"	63.000	140.000
14" x 8"	XS	355.6	14.000	12.7	0.500	219.1	8.625	12.7	0.500	279.4	11"	84.000	185.000
14" x 10"	Std	355.6	14.000	9.5	0.375	273.0	10.750	9.3	0.365	279.4	11"	66.000	145.000
14" x 10"	XS	355.6	14.000	12.7	0.500	273.0	10.750	12.7	0.500	279.4	11"	113.000	249.100
14" x 12"	Std	355.6	14.000	9.5	0.375	323.9	12.750	10.3	0.406	279.4	11"	68.000	150.000
14" x 12"	XS	355.6	14.000	12.7	0.500	323.9	12.750	12.7	0.500	279.4	11"	91.000	200.000
16" x 8"	Std	406.4	16.000	9.5	0.375	219.1	8.625	8.2	0.322	304.8	12"	82.000	180.000
16" x 8"	XS	406.4	16.000	12.7	0.500	219.1	8.625	12.7	0.500	304.8	12"	109.000	240.000

Size	sched.	D	S	D1	S1	C	theor. Weight
		mm	inch	mm	inch	mm	inch
		mm	inch	mm	inch	mm	inch
		kg	Lbs				

16" x 10"	Std	406.4	16.000	9.5	0.375	273.0	10.750	9.3	0.365	304.8	12"	106.000	235.000
16" x 10"	XS	406.4	16.000	12.7	0.500	273.0	10.750	12.7	0.500	304.8	12"	160.000	352.700
16" x 10"	80	406.4	16.000	21.4	0.844	273.0	10.750	15.1	0.594	304.8	12"	200.000	450.000
16" x 12"	Std	406.4	16.000	9.5	0.375	323.9	12.750	10.3	0.406	304.8	12"	110.000	242.000
16" x 12"	XS	406.4	16.000	12.7	0.500	323.9	12.750	12.7	0.500	304.8	12"	113.000	250.000
16" x 12"	80	406.4	16.000	21.4	0.844	323.9	12.750	17.5	0.688	304.8	12"	200.000	450.000
16" x 14"	Std	406.4	16.000	9.5	0.375	355.6	14.000	9.5	0.375	304.8	12"	84.000	185.000
16" x 14"	XS	406.4	16.000	12.7	0.500	355.6	14.000	12.7	0.500	304.8	12"	113.000	250.000
18" x 12"	Std	457.2	18.000	9.5	0.375	323.9	12.750	10.3	0.406	342.9	13 1/2"	135.000	297.600
18" x 14"	Std	457.2	18.000	9.5	0.375	355.6	14.000	9.5	0.375	342.9	13 1/2"	135.000	297.600
18" x 16"	Std	457.2	18.000	9.5	0.375	406.4	16.000	9.5	0.375	342.9	13 1/2"	135.000	297.600
20" x 12"	Std	508	20.000	9.5	0.375	323.9	12.750	10.3	0.406	355.6	14"	163.500	360.500
20" x 14"	Std	508	20.000	9.5	0.375	355.6	14.000	9.5	0.375	355.6	14"	163.500	360.500
20" x 14"	XS	508	20.000	12.7	0.500	355.6	14.000	12.7	0.500	355.6	14"	300.000	661.400
20" x 16"	Std	508	20.000	9.5	0.375	406.4	16.000	9.5	0.375	355.6	14"	163.500	360.500
20" x 16"	XS	508	20.000	12.7	0.500	406.4	16.000	12.7	0.500	355.6	14"	300.000	661.400
20" x 18"	Std	508	20.000	9.5	0.375	457.2	18.000	9.5	0.375	355.6	14"	168.000	370.000
24" x 12"	Std	609.6	24.000	9.5	0.375	323.9	12.750	10.3	0.406	431.8	17"	218.000	480.000
24" x 14"	Std	609.6	24.000	9.5	0.375	355.6	14.000	9.5	0.375	431.8	17"	222.000	490.000
24" x 16"	Std	609.6	24.000	9.5	0.375	406.4	16.000	9.5	0.375	431.8	17"	222.000	490.000
24" x 18"	Std	609.6	24.000	9.5	0.375	457.2	18.000	9.5	0.375	431.8	17"	227.000	500.000
24" x 20"	Std	609.6	24.000	9.5	0.375	508	20.000	9.5	0.375	431.8	17"	227.000	500.000

other sizes and schedules on request available