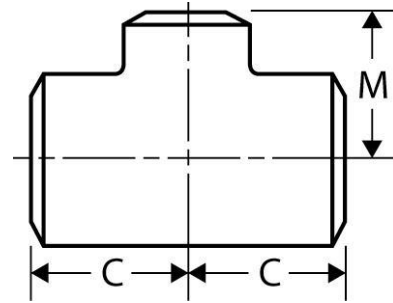


Reducing Tees

STANDARD WEIGHT

Inches / Pounds



Nominal Pipe Size	Dimensions of Run				Dimensions of Branch				Pipe Schedule	Approximate Weight (in Pounds)
	Outside Diameter	Wall Thickness	Inside Diameter	Center to End (C)	Outside Diameter	Wall Thickness	Inside Diameter	Center to End (M)		
3/4 x 1/2	1.05	0.113	0.824	1.12	.840	0.109	0.622	1.12	STD/40	0.41
1 x 1/2	1.32	0.133	1.05	1.50	.840	0.109	0.622	1.50	STD/40	0.78
1 x 3/4	1.32	0.133	1.05	1.50	1.05	0.113	0.824	1.50	STD/40	0.81
1 1/4 x 1/2	1.66	0.140	1.38	1.88	.84	0.109	0.622	1.88	STD/40	1.3
1 1/4 x 3/4	1.66	0.140	1.38	1.88	1.05	0.113	0.824	1.88	STD/40	1.3
1 1/4 x 1	1.66	0.140	1.38	1.88	1.32	0.133	1.05	1.88	STD/40	1.3
1 1/2 x 1/2	1.90	0.145	1.61	2.25	.84	0.109	0.622	2.25	STD/40	1.8
1 1/2 x 3/4	1.90	0.145	1.61	2.25	1.05	0.113	0.824	2.25	STD/40	1.8
1 1/2 x 1	1.90	0.145	1.61	2.25	1.32	0.133	1.05	2.25	STD/40	1.9
1 1/2 x 1 1/4	1.90	0.145	1.61	2.25	1.66	0.140	1.38	2.25	STD/40	2
2 x 3/4	2.38	0.154	2.07	2.50	1.05	0.113	.824	1.75	STD/40	2.5
2 x 1	2.38	0.154	2.07	2.50	1.32	0.133	1.05	2.00	STD/40	2.8
2 x 1 1/4	2.38	0.154	2.07	2.50	1.66	0.140	1.38	2.25	STD/40	3
2 x 1 1/2	2.38	0.154	2.07	2.50	1.90	0.145	1.61	2.38	STD/40	3.1
2 1/2 x 1	2.88	0.203	2.45	3.00	1.32	0.133	1.05	2.25	STD/40	4.6
2 1/2 x 1 1/4	2.88	0.203	2.45	3.00	1.66	0.140	1.38	2.50	STD/40	4.8
2 1/2 x 1 1/2	2.88	0.203	2.47	3.00	1.90	0.145	1.61	2.62	STD/40	5.1
2 1/2 x 2	2.88	0.203	2.47	3.00	2.38	0.154	2.01	2.75	STD/40	5.4
3 x 1	3.50	0.216	3.07	3.38	1.315	0.133	1.05	2.63	STD/40	6.5
3 x 1 1/4	3.50	0.216	3.07	3.38	1.66	0.140	1.38	2.75	STD/40	6.6
3 x 1 1/2	3.50	0.216	3.07	3.38	1.90	0.145	1.61	2.88	STD/40	6.8
3 x 2	3.50	0.216	3.07	3.38	2.38	0.154	2.07	3.00	STD/40	7
3 x 2 1/2	3.50	0.216	3.07	3.38	2.88	0.203	2.47	3.25	STD/40	7.2
3 1/2 x 1 1/2	4.00	0.226	3.55	3.75	1.90	0.145	1.61	3.12	STD/40	8.9
3 1/2 x 2	4.00	0.226	3.55	3.75	2.38	0.154	2.07	3.25	STD/40	9.2
3 1/2 x 2 1/2	4.00	0.226	3.55	3.75	2.88	0.203	2.47	3.50	STD/40	9.4
3 1/2 x 3	4.00	0.226	3.55	3.75	3.50	0.216	3.07	3.62	STD/40	9.8
4 x 1 1/2	4.50	0.237	4.03	4.12	1.90	0.145	1.61	3.38	STD/40	11.2
4 x 2	4.50	0.237	4.03	4.12	2.38	0.154	2.07	3.50	STD/40	11.2
4 x 2 1/2	4.50	0.237	4.03	4.12	2.875	0.203	2.47	3.75	STD/40	11.4
4 x 3	4.50	0.237	4.03	4.12	3.50	0.216	3.07	3.88	STD/40	11.6
4 x 3 1/2	4.50	0.237	4.03	4.12	4.00	0.226	3.55	4.00	STD/40	11.9

Reducing Tees – Standard Weight *(Continued)*

Nominal Pipe Size	Dimensions of Run				Dimensions of Branch				Pipe Schedule	Approximate Weight (in Pounds)
	Outside Diameter	Wall Thickness	Inside Diameter	Center to End (C)	Outside Diameter	Wall Thickness	Inside Diameter	Center to End (M)		
5 x 2	5.56	0.258	5.01	4.88	2.38	0.154	2.07	4.12	STD/40	18.8
5 x 2 ½	5.56	0.258	5.05	4.88	2.88	0.203	2.47	4.25	STD/40	19
5 x 3	5.56	0.258	5.05	4.88	3.50	0.216	3.07	4.38	STD/40	19.4
5 x 3 ½	5.56	0.258	5.05	4.88	4.00	0.226	3.55	4.50	STD/40	20
5 x 4	5.56	0.258	5.05	4.88	4.50	0.237	4.03	4.62	STD/40	20.5
6 x 2	6.62	0.280	6.07	5.62	2.38	0.258	2.07	4.75	STD/40	29
6 x 2 ½	6.62	0.280	6.07	5.62	2.88	0.237	2.47	4.75	STD/40	29.7
6 x 3	6.62	0.280	6.07	5.62	3.50	0.226	3.07	4.88	STD/40	30
6 x 3 ½	6.62	0.280	6.07	5.62	4.00	0.216	3.55	5.00	STD/40	30
6 x 4	6.62	0.280	6.07	5.62	4.50	0.203	4.026	5.12	STD/40	30.5
6 x 5	6.62	0.280	6.07	5.62	5.62	0.154	5.05	5.38	STD/40	32
8 x 3	8.62	0.322	7.981	7.00	3.50	0.216	3.068	6.00	STD/40	52
8 x 3 ½	8.62	0.322	7.981	7.00	4.00	0.226	3.548	6.00	STD/40	53
8 x 4	8.62	0.322	7.981	7.00	4.50	0.237	4.026	6.12	STD/40	53.2
8 x 5	8.62	0.322	7.981	7.00	5.56	0.258	5.047	6.38	STD/40	54
8 x 6	8.62	0.322	7.981	7.00	6.62	0.280	6.065	6.62	STD/40	56.5
10 x 3	10.75	0.365	10.020	8.50	3.50	0.216	3.068	7.25	STD/40	79
10 x 4	10.75	0.365	10.020	8.50	4.50	0.237	4.026	7.25	STD/40	82
10 x 5	10.75	0.365	10.020	8.50	5.56	0.258	5.047	7.50	STD/40	82.5
10 x 6	10.75	0.365	10.020	8.50	6.62	0.280	6.065	7.62	STD/40	85.9
10 x 8	10.75	0.365	10.020	8.50	8.62	0.322	7.981	8.00	STD/40	86.5
12 x 4	12.75	0.375	12.000	10.00	4.50	0.237	4.026	8.50	STD**	112
12 x 5	12.75	0.375	12.000	10.00	5.56	0.258	5.047	8.50	STD**	117
12 x 6	12.75	0.375	12.000	10.00	6.62	0.280	6.065	8.62	STD**	118
12 x 8	12.75	0.375	12.000	10.00	8.62	0.322	7.981	9.00	STD**	120
12 x 10	12.75	0.375	12.000	10.00	10.75	0.365	10.02	9.50	STD**	123
14 x 6	14.00	0.375	13.250	11.00	6.62	0.280	6.065	9.38	STD/30	145
14 x 8	14.00	0.375	13.250	11.00	8.62	0.322	7.981	9.75	STD/30	146
14 x 10	14.00	0.375	13.250	11.00	10.75	0.365	10.02	10.12	STD/30	148
14 x 12	14.00	0.375	13.250	11.00	12.75	0.375	12.00	10.62	STD/30	151
16 x 6	16.00	0.375	15.250	12.00	6.62	0.280	6.065	10.38	STD/30	180
16 x 8	16.00	0.375	15.250	12.00	8.62	0.322	7.981	10.75	STD/30	190
16 x 10	16.00	0.375	15.250	12.00	10.75	0.365	10.02	11.12	STD/30	197
16 x 12	16.00	0.375	15.250	12.00	12.75	0.375	12.00	11.62	STD/30	213
16 x 14	16.00	0.375	15.250	12.00	14.00	0.375	13.25	12.00	STD/30	221

Reducing Tees – Standard Weight (Continued)

Nominal Pipe Size	Dimensions of Run				Dimensions of Branch				Pipe Schedule	Approximate Weight (in Pounds)
	Outside Diameter	Wall Thickness	Inside Diameter	Center to End (C)	Outside Diameter	Wall Thickness	Inside Diameter	Center to End (M)		
18 x 8	18.00	0.375	17.250	13.50	8.62	0.322	7.981	11.75	STD**	216
18 x 10	18.00	0.375	17.250	13.50	10.75	0.365	10.02	12.12	STD**	229
18 x 12	18.00	0.375	17.250	13.50	12.75	0.375	12.00	12.62	STD**	241
18 x 14	18.00	0.375	17.250	13.50	14.00	0.375	13.25	13.00	STD**	248
18 x 16	18.00	0.375	17.250	13.50	16.00	0.375	15.25	13.00	STD**	262
20 x 8	20.00	0.375	19.250	15.00	8.62	0.322	7.981	12.75	STD/20	293
20 x 10	20.00	0.375	19.250	15.00	10.75	0.365	10.02	13.12	STD/20	305
20 x 12	20.00	0.375	19.250	15.00	12.75	0.375	12.00	13.62	STD/20	315
20 x 14	20.00	0.375	19.250	15.00	14.00	0.375	13.25	14.00	STD/20	327
20 x 16	20.00	0.375	19.250	15.00	16.00	0.375	15.25	14.00	STD/20	339
20 x 18	20.00	0.375	19.250	15.00	18.00	0.375	17.25	14.50	STD/20	352
24 x 10	24.00	0.375	23.250	17.00	10.75	0.365	10.02	15.12	STD/20	447
24 x 12	24.00	0.375	23.250	17.00	12.75	0.375	12.00	15.62	STD/20	450
24 x 14	24.00	0.375	23.250	17.00	14.00	0.375	13.25	16.00	STD/20	465
24 x 16	24.00	0.375	23.250	17.00	16.00	0.375	15.25	16.00	STD/20	475
24 x 18	24.00	0.375	23.250	17.00	18.00	0.375	17.25	16.50	STD/20	487
24 x 20	24.00	0.375	23.250	17.00	20.00	0.375	19.25	17.00	STD/20	500
30 x 14	30.00	0.380	29.240	22.00	14.00	0.380	13.25	19.00	STD**	681
30 x 16	30.00	0.380	29.240	22.00	16.00	0.380	15.25	19.00	STD**	704
30 x 18	30.00	0.380	29.240	22.00	18.00	0.380	17.24	19.50	STD**	727
30 x 20	30.00	0.380	29.240	22.00	20.00	0.380	19.24	20.00	STD**	749
30 x 22	30.00	0.380	29.240	22.00	22.00	0.380	21.25	20.50	STD**	772
30 x 24	30.00	0.380	29.240	22.00	24.00	0.380	23.24	21.00	STD**	795
30 x 26	30.00	0.380	29.240	22.00	26.00	0.380	25.25	21.50	STD**	817
30 x 28	30.00	0.380	29.240	22.00	28.00	0.380	27.25	21.50	STD**	834
36 x 16	36.00	0.380	35.240	26.50	16.00	0.380	15.25	22.00	STD**	1,015
36 x 18	36.00	0.380	35.240	26.50	18.00	0.380	17.24	22.50	STD**	1,044
36 x 20	36.00	0.380	35.240	26.50	20.00	0.380	19.24	23.00	STD**	1,072
36 x 22	36.00	0.380	35.240	26.50	22.00	0.380	21.25	23.50	STD**	1,100
36 x 24	36.00	0.380	35.240	26.50	24.00	0.380	23.24	24.00	STD**	1,129
36 x 26	36.00	0.380	35.240	26.50	26.00	0.380	25.25	24.50	STD**	1,158
36 x 28	36.00	0.380	35.240	26.50	28.00	0.380	27.25	24.50	STD**	1,181
36 x 30	36.00	0.380	35.240	26.50	30.00	0.380	29.24	25.00	STD**	1,207
36 x 32	36.00	0.380	35.240	26.50	32.00	0.380	31.25	25.50	STD**	1,237
36 x 34	36.00	0.380	35.240	26.50	34.00	0.380	33.25	26.00	STD**	1,264

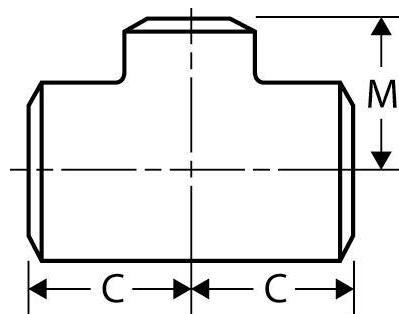
*** Dimensions conform to ASME B16.9 & material conforms to ASTM SA-234 Grade B.**

**** This size and thickness do not correspond to any pipe schedule number.**

Reducing Tees

EXTRA HEAVY

Inches / Pounds



Nominal Pipe Size	Dimensions of Run				Dimensions of Branch				Pipe Schedule	Approximate Weight (in Pounds)
	Outside Diameter	Wall Thickness	Inside Diameter	Center to End (C)	Outside Diameter	Wall Thickness	Inside Diameter	Center to End (M)		
3/4 x 1/2	1.05	0.154	.742	1.12	0.84	0.147	0.546	1.12	XH/80	0.47
1 x 1/2	1.32	0.179	.957	1.50	0.84	0.147	0.546	1.50	XH/80	0.92
1 x 3/4	1.32	0.179	.957	1.50	1.05	0.154	0.742	1.50	XH/80	0.98
1 1/4 x 1/2	1.66	0.191	1.278	1.88	0.84	0.147	0.546	1.88	XH/80	1.6
1 1/4 x 3/4	1.66	0.191	1.278	1.88	1.32	0.179	0.957	1.88	XH/80	1.6
1 1/4 x 1	1.66	0.191	1.278	1.88	1.05	0.154	0.742	1.88	XH/80	1.6
1 1/2 x 1/2	1.90	0.200	1.500	2.25	0.84	0.147	0.546	2.25	XH/80	2.2
1 1/2 x 3/4	1.90	0.200	1.500	2.25	1.05	0.154	0.742	2.25	XH/80	2.2
1 1/2 x 1	1.90	0.200	1.500	2.25	1.32	0.179	0.957	2.25	XH/80	2.3
1 1/2 x 1 1/4	1.90	0.200	1.500	2.25	1.66	0.191	1.278	2.25	XH/80	2.4
2 x 3/4	2.38	0.218	1.939	2.50	1.05	0.154	0.742	1.75	XH/80	3.5
2 x 1	2.38	0.218	1.939	2.50	1.32	0.179	0.957	2.00	XH/80	3.5
2 x 1 1/4	2.38	0.218	1.939	2.50	1.66	0.191	1.278	2.25	XH/80	3.7
2 x 1 1/2	2.38	0.218	1.939	2.50	1.90	0.200	1.500	2.38	XH/80	3.8
2 1/2 x 1	2.88	0.276	2.323	3.00	1.32	0.179	0.957	2.25	XH/80	5.8
2 1/2 x 1 1/4	2.88	0.276	2.323	3.00	1.66	0.191	1.278	2.50	XH/80	6
2 1/2 x 1 1/2	2.88	0.276	2.323	3.00	1.90	0.145	1.500	2.62	XH/80	6.2
2 1/2 x 2	2.88	0.276	2.323	3.00	2.38	0.218	1.939	2.75	XH/80	6.3
3 x 1	3.50	0.300	2.900	3.38	1.32	0.179	0.957	2.62	XH/80	7.8
3 x 1 1/4	3.50	0.300	2.900	3.38	1.66	0.191	1.278	2.75	XH/80	8
3 x 1 1/2	3.50	0.300	2.900	3.38	1.90	0.200	1.500	2.88	XH/80	8.1
3 x 2	3.50	0.300	2.900	3.38	2.38	0.218	1.939	3.00	XH/80	8.6
3 x 2 1/2	3.50	0.300	2.900	3.38	2.88	0.276	2.323	3.25	XH/80	8.8
3 1/2 x 1 1/2	4.00	0.318	3.364	3.75	1.90	0.200	1.500	3.12	XH/80	11.6
3 1/2 x 2	4.00	0.318	3.364	3.75	2.38	0.218	1.939	3.25	XH/80	11.7
3 1/2 x 2 1/2	4.00	0.318	3.364	3.75	2.88	0.276	2.323	3.50	XH/80	12.1
3 1/2 x 3	4.00	0.318	3.364	3.75	3.50	0.300	2.900	3.62	XH/80	12.6
4 x 1 1/2	4.50	0.337	3.826	4.12	1.90	0.200	1.500	3.38	XH/80	15
4 x 2	4.50	0.337	3.826	4.12	2.38	0.218	1.939	3.50	XH/80	15.1
4 x 2 1/2	4.50	0.337	3.826	4.12	2.88	0.276	2.323	3.75	XH/80	15.1
4 x 3	4.50	0.337	3.826	4.12	3.50	0.300	2.900	3.88	XH/80	15.4
4 x 3 1/2	4.50	0.337	4.026	4.12	4.00	0.318	3.548	4.00	XH/80	15.7

Reducing Tees – Extra Heavy (Continued)

Nominal Pipe Size	Dimensions of Run				Dimensions of Branch				Pipe Schedule	Approximate Weight (in Pounds)
	Outside Diameter	Wall Thickness	Inside Diameter	Center to End (C)	Outside Diameter	Wall Thickness	Inside Diameter	Center to End (M)		
5 x 2	5.56	0.375	4.813	4.88	2.38	0.218	1.939	4.12	XH/80	23.6
5 x 2 ½	5.56	0.375	4.813	4.88	2.88	0.276	2.323	4.25	XH/80	23.9
5 x 3	5.56	0.375	4.813	4.88	3.50	0.300	2.900	4.38	XH/80	24.2
5 x 3 ½	5.56	0.375	4.813	4.88	4.00	0.318	3.364	4.50	XH/80	24.8
5 x 4	5.56	0.375	4.813	4.88	4.50	0.337	3.826	4.62	XH/80	25.4
6 x 2	6.62	0.432	5.761	5.62	2.38	0.218	1.939	4.75	XH/80	37.4
6 x 2 ½	6.62	0.432	5.761	5.62	2.88	0.276	2.323	4.75	XH/80	38.2
6 x 3	6.62	0.432	5.761	5.62	3.50	0.300	2.900	4.88	XH/80	38.6
6 x 3 ½	6.62	0.432	5.761	5.62	4.00	0.318	3.364	5.00	XH/80	38.8
6 x 4	6.62	0.432	5.761	5.62	4.50	0.337	3.826	5.12	XH/80	39.3
6 x 5	6.62	0.432	5.761	5.62	5.56	0.375	4.813	5.38	XH/80	39.5
8 x 3	8.62	0.500	7.62	7.00	3.50	0.300	2.900	6.00	XH/80	68.3
8 x 3 ½	8.62	0.500	7.65	7.00	4.00	0.318	3.364	6.00	XH/80	68.6
8 x 4	8.62	0.500	7.62	7.00	4.50	0.337	3.826	6.12	XH/80	69.2
8 x 5	8.62	0.500	7.62	7.00	5.56	0.375	4.813	6.38	XH/80	69.4
8 x 6	8.62	0.500	7.62	7.00	6.62	0.432	5.761	6.62	XH/80	70.2
10 x 3	10.75	0.500	9.75	8.50	3.50	0.300	2.900	7.25	XH/60	99
10 x 4	10.75	0.500	9.75	8.50	4.50	0.337	3.826	7.25	XH/60	101
10 x 5	10.75	0.500	9.75	8.50	5.56	0.375	4.813	7.50	XH/60	103
10 x 6	10.75	0.500	9.75	8.50	6.62	0.432	5.761	7.62	XH/60	104
10 x 8	10.75	0.500	9.75	8.50	8.62	0.500	7.625	8.00	XH/60	107
12 x 4	12.75	0.500	11.75	10.00	4.50	0.337	3.826	8.50	XH/60	148
12 x 5	12.75	0.500	11.75	10.00	5.56	0.375	4.813	8.50	XH**	149
12 x 6	12.75	0.500	11.75	10.00	6.62	0.432	5.761	8.62	XH**	151
12 x 8	12.75	0.500	11.75	10.00	8.62	0.500	7.625	9.00	XH**	156
12 x 10	12.75	0.500	11.75	10.00	10.75	0.500	9.750	9.50	XH**	165
14 x 6	14.00	0.500	13.00	11.00	6.62	0.432	5.761	9.38	XH**	196
14 x 8	14.00	0.500	13.00	11.00	8.62	0.500	7.625	9.75	XH**	200
14 x 10	14.00	0.500	13.00	11.00	10.75	0.500	9.750	10.12	XH**	203
14 x 12	14.00	0.500	13.00	11.00	12.75	0.500	11.750	10.62	XH**	210
16 x 6	16.00	0.500	15.00	12.00	6.62	0.432	5.761	10.38	XH/40	235
16 x 8	16.00	0.500	15.00	12.00	8.62	0.500	7.62	10.75	XH/40	240
16 x 10	16.00	0.500	15.00	12.00	10.75	0.500	9.75	11.12	XH/40	250
16 x 12	16.00	0.500	15.00	12.00	12.75	0.500	11.75	11.62	XH/40	261
16 x 14	16.00	0.500	15.00	12.00	14.00	0.500	13.00	12.00	XH/40	268

Reducing Tees – Extra Heavy (Continued)

Nominal Pipe Size	Dimensions of Run				Dimensions of Branch				Pipe Schedule	Approximate Weight (in Pounds)
	Outside Diameter	Wall Thickness	Inside Diameter	Center to End (C)	Outside Diameter	Wall Thickness	Inside Diameter	Center to End (M)		
18 x 8	18.00	0.500	17.00	13.50	8.62	0.500	7.62	11.75	XH**	300
18 x 10	18.00	0.500	17.00	13.50	10.75	0.500	9.75	12.12	XH**	308
18 x 12	18.00	0.500	17.00	13.50	12.75	0.500	11.75	12.62	XH**	328
18 x 14	18.00	0.500	17.00	13.50	14.00	0.500	13.00	13.00	XH**	335
18 x 16	18.00	0.500	17.00	13.50	16.00	0.500	15.00	13.00	XH**	348
20 x 8	20.00	0.500	19.00	15.00	8.62	0.500	7.62	12.75	XH/30	375
20 x 10	20.00	0.500	19.00	15.00	10.75	0.500	9.75	13.12	XH/30	384
20 x 12	20.00	0.500	19.00	15.00	12.75	0.500	11.75	13.62	XH/30	397
20 x 14	20.00	0.500	19.00	15.00	14.00	0.500	13.00	14.00	XH/30	412
20 x 16	20.00	0.500	19.00	15.00	16.00	0.500	15.00	14.00	XH/30	427
20 x 18	20.00	0.500	19.00	15.00	18.00	0.500	17.00	14.50	XH/30	445
24 x 10	24.00	0.500	23.00	17.00	10.75	0.500	9.75	15.12	XH**	550
24 x 12	24.00	0.500	23.00	17.00	12.75	0.500	11.75	15.62	XH**	558
24 x 14	24.00	0.500	23.00	17.00	14.00	0.500	13.00	16.00	XH**	565
24 x 16	24.00	0.500	23.00	17.00	16.00	0.500	15.00	16.00	XH**	578
24 x 18	24.00	0.500	23.00	17.00	18.00	0.500	17.00	16.50	XH**	588
24 x 20	24.00	0.500	23.00	17.00	20.00	0.500	19.00	17.00	XH**	610
30 x 14	30.00	0.500	29.00	22.00	14.00	0.500	13.00	19.00	XH**	865
30 x 16	30.00	0.500	29.00	22.00	16.00	0.500	15.00	19.00	XH**	890
30 x 18	30.00	0.500	29.00	22.00	18.00	0.500	17.00	19.50	XH**	920
30 x 20	30.00	0.500	29.00	22.00	20.00	0.500	19.00	20.00	XH**	945
30 x 22	30.00	0.500	29.00	22.00	22.00	0.500	21.00	20.50	XH**	970
30 x 24	30.00	0.500	29.00	22.00	24.00	0.500	23.00	21.00	XH**	995
30 x 26	30.00	0.500	29.00	22.00	26.00	0.500	25.00	21.50	XH**	1,020
30 x 28	30.00	0.500	29.00	22.00	28.00	0.500	27.00	21.50	XH**	1,040
36 x 16	36.00	0.500	35.00	26.50	16.00	0.500	15.00	21.00	XH**	1,145
36 x 18	36.00	0.500	35.00	26.50	18.00	0.500	17.00	21.50	XH**	1,175
36 x 20	36.00	0.500	35.00	26.50	20.00	0.500	19.00	22.00	XH**	1,205
36 x 22	36.00	0.500	35.00	26.50	22.00	0.500	21.00	22.50	XH**	1,240
36 x 24	36.00	0.500	35.00	26.50	24.00	0.500	23.00	23.00	XH**	1,270
36 x 26	36.00	0.500	35.00	26.50	26.00	0.500	25.00	23.50	XH**	1,300
36 x 28	36.00	0.500	35.00	26.50	28.00	0.500	27.00	23.50	XH**	1,325
36 x 30	36.00	0.500	35.00	26.50	30.00	0.500	29.00	24.00	XH**	1,355
36 x 32	36.00	0.500	35.00	26.50	32.00	0.500	31.00	24.50	XH**	1,390
36 x 34	36.00	0.500	35.00	26.50	34.00	0.500	33.00	25.00	XH**	1,420

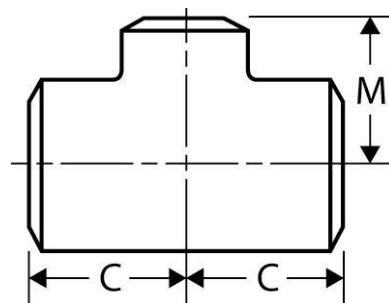
*** Dimensions conform to ASME B16.9 & material conforms to ASTM SA-234 Grade B.**

**** This size and thickness do not correspond to any pipe schedule number.**

Reducing Tees

SCHEDULE 160

Inches / Pounds



Nominal Pipe Size	Dimensions of Run				Dimensions of Branch				Approximate Weight (in Pounds)
	Outside Diameter	Inside Diameter	Wall Thickness	Center to End (C)	Outside Diameter	Inside Diameter	Wall Thickness	Center to End (M)	
3/4 x 1/2	1.030	0.592	0.219	1.12	0.840	0.464	0.188	1.12	—
1 x 1/2	1.315	0.815	0.250	1.50	0.840	0.464	0.188	1.50	—
1 x 3/4	1.315	0.815	0.250	1.50	1.030	0.592	0.219	1.50	—
1 1/4 x 1/2	1.660	1.160	0.250	1.88	0.840	0.464	0.188	1.88	—
1 1/4 x 3/4	1.660	1.160	0.250	1.88	1.030	0.592	0.219	1.88	—
1 1/4 x 1	1.660	1.160	0.250	1.88	1.315	0.815	0.250	1.88	—
1 1/2 x 1/2	1.900	1.338	0.281	2.25	0.840	0.464	0.188	2.25	—
1 1/2 x 3/4	1.900	1.338	0.281	2.25	1.030	0.592	0.219	2.25	—
1 1/2 x 1	1.900	1.338	0.281	2.25	1.315	0.815	0.250	2.25	—
1 1/2 x 1 1/4	1.900	1.338	0.281	2.25	1.660	1.160	0.250	2.25	—
2 x 3/4	2.375	1.687	0.344	2.50	1.030	0.592	0.219	1.75	—
2 x 1	2.375	1.687	0.344	2.50	1.315	0.815	0.250	2.00	—
2 x 1 1/4	2.375	1.687	0.344	2.50	1.660	1.160	0.250	2.25	—
2 x 1 1/2	2.375	1.687	0.344	2.50	1.900	1.338	0.281	2.38	—
2 1/2 x 1	2.875	2.125	0.375	3.00	1.315	0.815	0.250	2.25	—
2 1/2 x 1 1/4	2.875	2.125	0.375	3.00	1.660	1.160	0.250	2.50	—
2 1/2 x 1 1/2	2.875	2.125	0.375	3.00	1.900	1.338	0.281	2.62	—
2 1/2 x 2	2.875	2.125	0.375	3.00	2.375	1.687	0.344	2.75	—
3 x 1 1/4	3.500	2.624	0.438	3.38	1.660	1.160	0.250	2.75	—
3 x 1 1/2	3.500	2.624	0.438	3.38	1.900	1.338	0.281	2.88	—
3 x 2	3.500	2.624	0.438	3.38	2.375	1.687	0.344	3.00	—
3 x 2 1/2	3.500	2.624	0.438	3.38	2.875	2.125	0.375	3.25	—
4 x 1 1/2	4.500	3.438	0.531	4.12	1.900	1.338	0.281	3.38	—
4 x 2	4.500	3.438	0.531	4.12	2.375	1.687	0.344	3.50	—
4 x 2 1/2	4.500	3.438	0.531	4.12	2.875	2.125	0.375	3.75	—
4 x 3	4.500	3.438	0.531	4.12	3.500	2.624	0.438	3.88	—

Reducing Tees – Schedule 160 (Continued)

Nominal Pipe Size	Dimensions of Run				Dimensions of Branch				Approximate Weight (in Pounds)
	Outside Diameter	Inside Diameter	Wall Thickness	Center to End (C)	Outside Diameter	Inside Diameter	Wall Thickness	Center to End (M)	
5 x 2	5.562	4.312	0.625	4.88	2.375	1.687	0.344	4.12	–
5 x 2 ½	5.562	4.312	0.625	4.88	2.875	2.125	0.375	4.25	–
5 x 3	5.562	4.312	0.625	4.88	3.500	2.624	0.438	4.38	–
5 x 4	5.562	4.312	0.625	4.88	4.500	3.438	0.531	4.62	–
6 x 2	6.625	5.187	0.719	5.62	2.375	1.687	0.344	–	–
6 x 2 ½	6.625	5.187	0.719	5.62	2.875	2.125	0.375	4.75	–
6 x 3	6.625	5.187	0.719	5.62	3.500	2.624	0.438	4.88	–
6 x 4	6.625	5.187	0.719	5.62	4.500	3.438	0.531	5.12	–
6 x 5	6.625	5.187	0.719	5.62	5.562	4.312	0.625	5.38	–
8 x 3	8.625	6.813	0.906	7.00	3.500	2.624	0.438	–	–
8 x 4	8.625	6.813	0.906	7.00	4.500	3.438	0.531	6.12	–
8 x 5	8.625	6.813	0.906	7.00	5.562	4.312	0.625	6.38	–
8 x 6	8.625	6.813	0.906	7.00	6.625	5.187	0.719	6.62	–
10 x 4	10.750	8.500	1.125	8.50	4.500	3.438	0.531	7.25	–
10 x 5	10.750	8.500	1.125	8.50	5.562	4.312	0.625	7.50	–
10 x 6	10.750	8.500	1.125	8.50	6.625	5.187	0.719	7.62	–
10 x 8	10.750	8.500	1.125	8.50	8.625	6.813	0.906	8.00	–
12 x 4	12.750	10.126	1.312	–	4.500	3.438	0.531	–	–
12 x 5	12.750	10.126	1.312	10.00	5.562	4.312	0.625	8.50	–
12 x 6	12.750	10.126	1.312	10.00	6.625	5.187	0.719	8.62	–
12 x 8	12.750	10.126	1.312	10.00	8.625	6.813	0.906	9.00	–
12 x 10	12.750	10.126	1.312	10.00	10.750	8.500	1.125	9.50	–
14 x 6	14.000	11.188	1.406	11.00	6.625	5.187	0.719	9.38	–
14 x 8	14.000	11.188	1.406	11.00	8.625	6.813	0.906	9.75	–
14 x 10	14.000	11.188	1.406	11.00	10.750	8.500	1.125	10.12	–
14 x 12	14.000	11.188	1.406	11.00	12.750	10.126	1.312	10.62	–
16 x 6	16.000	12.812	1.594	12.00	6.625	5.187	0.719	10.38	–
16 x 8	16.000	12.812	1.594	12.00	8.625	6.813	0.906	10.75	–
16 x 10	16.000	12.812	1.594	12.00	10.750	8.500	1.125	11.12	–
16 x 12	16.000	12.812	1.594	12.00	12.750	10.126	1.312	11.62	–
16 x 14	16.000	12.812	1.594	12.00	14.000	11.188	1.406	12.00	–

Reducing Tees – Schedule 160 (Continued)

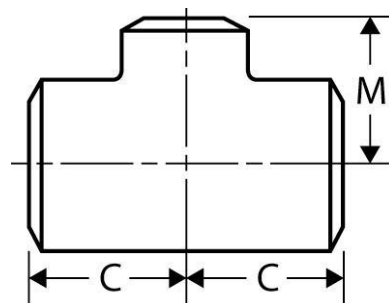
Nominal Pipe Size	Dimensions of Run				Dimensions of Branch				Approximate Weight (in Pounds)
	Outside Diameter	Inside Diameter	Wall Thickness	Center to End (C)	Outside Diameter	Inside Diameter	Wall Thickness	Center to End (M)	
18 x 8	18.000	14.438	1.781	13.50	8.625	6.813	0.906	11.75	–
18 x 10	18.000	14.438	1.781	13.50	10.750	8.500	1.125	12.12	–
18 x 12	18.000	14.438	1.781	13.50	12.750	10.126	1.312	12.62	–
18 x 14	18.000	14.438	1.781	13.50	14.000	11.188	1.406	13.00	–
18 x 16	18.000	14.438	1.781	13.50	16.000	12.812	1.594	13.00	–
20 x 8	20.000	16.062	1.969	15.00	8.625	6.813	0.906	12.75	–
20 x 10	20.000	16.062	1.969	15.00	10.750	8.500	1.125	13.12	–
20 x 12	20.000	16.062	1.969	15.00	12.750	10.126	1.312	13.62	–
20 x 14	20.000	16.062	1.969	15.00	14.000	11.188	1.406	14.00	–
20 x 16	20.000	16.062	1.969	15.00	16.000	12.812	1.594	14.00	–
20 x 18	20.000	16.062	1.969	15.00	18.000	14.438	1.781	14.50	–
22 x 10	22.000	17.750	2.125	16.50	10.750	8.500	1.125	14.12	–
22 x 12	22.000	17.750	2.125	16.50	12.750	10.126	1.312	14.62	–
22 x 14	22.000	17.750	2.125	16.50	14.000	11.188	1.406	15.00	–
22 x 16	22.000	17.750	2.125	16.50	16.000	12.812	1.594	15.00	–
22 x 18	22.000	17.750	2.125	16.50	18.000	14.438	1.781	15.50	–
22 x 20	22.000	17.750	2.125	16.50	20.000	16.062	1.969	16.00	–
24 x 10	24.000	19.312	2.344	17.00	10.750	8.500	1.125	15.12	–
24 x 12	24.000	19.312	2.344	17.00	12.750	10.126	1.312	15.62	–
24 x 14	24.000	19.312	2.344	17.00	14.000	11.188	1.406	16.00	–
24 x 16	24.000	19.312	2.344	17.00	16.000	12.812	1.594	16.00	–
24 x 18	24.000	19.312	2.344	17.00	18.000	14.438	1.781	16.50	–
24 x 20	24.000	19.312	2.344	17.00	20.000	16.062	1.969	17.00	–
24 x 22	24.000	19.312	2.344	17.00	22.000	17.750	2.125	17.00	–

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

Reducing Tees

XXH Weight

Inches / Pounds



Nominal Pipe Size	Dimensions of Run				Dimensions of Branch				Approximate Weight (in Pounds)
	Outside Diameter	Inside Diameter	Wall Thickness	Center to End (C)	Outside Diameter	Inside Diameter	Wall Thickness	Center to End (M)	
3/4 x 1/2	1.030	0.414	0.308	1.12	0.840	0.252	0.294	1.12	—
1 x 1/2	1.315	0.599	0.358	1.50	0.840	0.252	0.294	1.50	—
1 x 3/4	1.315	0.599	0.358	1.50	1.030	0.414	0.308	1.50	—
1 1/4 x 1/2	1.660	0.896	0.382	1.88	0.840	0.252	0.294	1.88	—
1 1/4 x 3/4	1.660	0.896	0.382	1.88	1.030	0.414	0.308	1.88	—
1 1/4 x 1	1.660	0.896	0.382	1.88	1.315	0.599	0.358	1.88	—
1 1/2 x 1/2	1.900	1.100	0.400	2.25	0.840	0.252	0.294	2.25	—
1 1/2 x 3/4	1.900	1.100	0.400	2.25	1.030	0.414	0.308	2.25	—
1 1/2 x 1	1.900	1.100	0.400	2.25	1.315	0.599	0.358	2.25	—
1 1/2 x 1 1/4	1.900	1.100	0.400	2.25	1.660	0.896	0.382	2.25	—
2 x 3/4	2.375	1.499	0.438	2.50	1.030	0.414	0.308	1.75	—
2 x 1	2.375	1.499	0.438	2.50	1.315	0.599	0.358	2.00	—
2 x 1 1/4	2.375	1.499	0.438	2.50	1.660	0.896	0.382	2.25	—
2 x 1 1/2	2.375	1.499	0.438	2.50	1.900	1.100	0.400	2.38	—
2 1/2 x 1	2.875	1.771	0.552	3.00	1.315	0.599	0.358	2.25	—
2 1/2 x 1 1/4	2.875	1.771	0.552	3.00	1.660	0.896	0.382	2.50	—
2 1/2 x 1 1/2	2.875	1.771	0.552	3.00	1.900	1.100	0.400	2.62	—
2 1/2 x 2	2.875	1.771	0.552	3.00	2.375	1.499	0.438	2.75	—
3 x 1 1/4	3.500	2.300	0.600	3.38	1.660	0.896	0.382	2.75	—
3 x 1 1/2	3.500	2.300	0.600	3.38	1.900	1.100	0.400	2.88	—
3 x 2	3.500	2.300	0.600	3.38	2.375	1.499	0.438	3.00	—
3 x 2 1/2	3.500	2.300	0.600	3.38	2.875	1.771	0.552	3.25	—
4 x 1 1/2	4.500	3.152	0.674	4.12	1.900	1.100	0.400	3.38	—
4 x 2	4.500	3.152	0.674	4.12	2.375	1.499	0.438	3.50	—
4 x 2 1/2	4.500	3.152	0.674	4.12	2.875	1.771	0.552	3.75	—
4 x 3	4.500	3.152	0.674	4.12	3.500	2.300	0.600	3.88	—
4 x 3 1/2	4.500	3.152	0.674	4.12	4.000	2.728	0.636	4.00	—

Reducing Tees –XXH Weight (Continued)

Nominal Pipe Size	Dimensions of Run				Dimensions of Branch				Approximate Weight (in Pounds)
	Outside Diameter	Inside Diameter	Wall Thickness	Center to End (C)	Outside Diameter	Inside Diameter	Wall Thickness	Center to End (M)	
5 x 2	5.562	4.062	0.750	4.88	2.375	1.499	0.438	4.12	–
5 x 2 ½	5.562	4.062	0.750	4.88	2.875	1.771	0.552	4.25	–
5 x 3	5.562	4.062	0.750	4.88	3.500	2.300	0.600	4.38	–
5 x 3 ½	5.562	4.062	0.750	4.88	4.000	2.728	0.636	4.50	–
5 x 4	5.562	4.062	0.750	4.88	4.500	3.152	0.674	4.62	–
6 x 2	6.625	4.897	0.864	5.62	2.375	1.499	0.438	–	–
6 x 2 ½	6.625	4.897	0.864	5.62	2.875	1.771	0.552	4.75	–
6 x 3	6.625	4.897	0.864	5.62	3.500	2.300	0.600	4.88	–
6 x 3 ½	6.625	4.897	0.864	5.62	4.000	2.728	0.636	5.00	–
6 x 4	6.625	4.897	0.864	5.62	4.500	3.152	0.674	5.12	–
6 x 5	6.625	4.897	0.864	5.62	5.562	4.062	0.750	5.38	–
8 x 3	8.625	6.875	0.875	7.00	3.500	2.300	0.600	–	–
8 x 3 ½	8.625	6.875	0.875	7.00	4.000	2.728	0.636	6.00	–
8 x 4	8.625	6.875	0.875	7.00	4.500	3.152	0.674	6.12	–
8 x 5	8.625	6.875	0.875	7.00	5.562	4.062	0.750	6.38	–
8 x 6	8.625	6.875	0.875	7.00	6.625	4.897	0.864	6.62	–
10 x 4	10.750	8.750	1.000	8.50	4.500	3.152	0.674	7.25	–
10 x 5	10.750	8.750	1.000	8.50	5.562	4.062	0.750	7.50	–
10 x 6	10.750	8.750	1.000	8.50	6.625	4.897	0.864	7.62	–
10 x 8	10.750	8.750	1.000	8.50	8.625	6.875	0.875	8.00	–
12 x 4	12.750	10.750	1.000	–	4.500	3.152	0.674	–	–
12 x 5	12.750	10.750	1.000	10.00	5.562	4.062	0.750	8.50	–
12 x 6	12.750	10.750	1.000	10.00	6.625	4.897	0.864	8.62	–
12 x 8	12.750	10.750	1.000	10.00	8.625	6.875	0.875	9.00	–
12 x 10	12.750	10.750	1.000	10.00	10.750	8.750	1.000	9.50	–

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