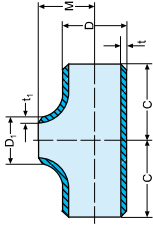


Reducing tees

ASTM A403 ASME B16.9

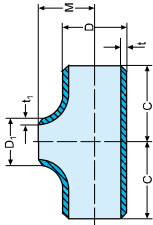


● WP-S = made from seamless pipe
▲ WP-W = made from welded pipe or plate

Nom pipe size			Schedule	Dimensions in mm				C	M	Weight kg/pc	304L	316L
Run	x	Outlet		D	D _i	τ	t _i					
¾	x	½"	10s	26.7	21.3	2.11	2.11	29	29	0.110	▲	●/▲
			40s	26.7	21.3	2.87	2.77	29	29	0.200	●	●
			80s	26.7	21.3	3.91	3.73	29	29	0.230		●
1	x	½"	10s	33.4	21.3	2.77	2.11	38	38	0.190	●/▲	●/▲
			40s	33.4	21.3	3.38	2.77	38	38	0.220	●	●
			80s	33.4	21.3	4.55	3.73	38	38	0.349	●	●
1	x	¾"	10s	33.4	26.7	2.77	2.11	38	38	0.210	●/▲	●/▲
			40s	33.4	26.7	3.38	2.87	38	38	0.230	●	●
			80s	33.4	26.7	4.55	3.91	38	38	0.353	▲	▲
1¼	x	½"	40s	42.2	21.3	3.56	2.77	47.6	47.6	0.367	●	●
			10s	42.2	26.7	2.77	2.11	47.6	47.6	0.327	▲	▲
			40s	42.2	26.7	3.56	2.87	47.6	47.6	0.423		●
1¼	x	1"	10s	42.2	33.4	2.77	2.77	47.6	47.6	0.339	▲	●/▲
			40s	42.2	33.4	3.56	3.38	47.6	47.6	0.441	●	●
			80s	42.2	33.4	4.85	4.55	47.6	47.6	0.600		
1½	x	½"	10s	48.3	21.3	2.77	2.11	57	57	0.390	▲	●/▲
			40s	48.3	21.3	3.68	2.77	57	57	0.520	●	●
			10s	48.3	26.7	2.77	2.11	57	57	0.390		●
1½	x	¾"	10s	48.3	26.7	2.77	2.11	57	57	0.390		●
			40s	48.3	26.7	3.68	2.87	57	57	0.520	●	●
			80s	48.3	26.7	5.08	3.91	57	57	0.700		●
1½	x	1"	10s	48.3	33.4	2.77	2.77	57	57	0.420	●/▲	●/▲
			40s	48.3	33.4	3.68	3.38	57	57	0.550	▲	●
			80s	48.3	33.4	5.08	4.55	57	57	0.724	●	●
2	x	¾"	10s	60.3	26.7	2.77	2.11	64	44	0.700	●	●
			40s	60.3	26.7	3.91	2.87	64	44	1.110	●	●
			80s	60.3	26.7	5.54	3.91	64	44	0.990		●
2	x	1"	10s	60.3	33.4	2.77	2.77	64	51	0.725	●/▲	●/▲
			40s	60.3	33.4	3.91	3.38	64	51	1.140	●	●
			80s	60.3	33.4	5.54	4.55	64	51	1.020	●	●
2	x	1¼"	10s	60.3	42.2	2.77	2.77	64	57	0.747		
			40s	60.3	42.2	3.91	3.56	64	57	0.804	●	●
			80s	60.3	42.2	5.54	4.85	64	57	1.070		▲
2	x	1½"	10s	60.3	48.3	2.77	2.77	64	60	0.590	●/▲	●/▲
			40s	60.3	48.3	3.91	3.68	64	60	0.830	●	●
			80s	60.3	48.3	5.54	5.08	64	60	1.110		●
2½	x	1¼"	10s	73.0	42.2	3.05	2.77	76	67	0.874	●	
			10s	73.0	48.3	3.05	2.77	76	67	0.900	●/▲	●/▲
			40s	73.0	48.3	5.16	3.68	76	67	1.490	●	●
2½	x	2"	10s	73.0	60.3	3.05	2.77	76	70	0.940	●/▲	●/▲
			10s	73.0	60.3	5.16	3.91	76	70	1.530		●
			40s	73.0	60.3	3.05	2.77	86	73	1.150	●	●
3	x	1"	10s	88.9	33.4	3.05	2.77	86	73	1.150	●	●
			40s	88.9	33.4	5.49	3.38	86	73	2.050	●	●
			10s	88.9	48.3	3.05	2.77	86	73	1.190	●/▲	●/▲
3	x	1½"	10s	88.9	48.3	5.49	3.68	86	73	2.050	●	●

Reducing teens

ASTM A403 ASME B16.9



● WP-S = made from seamless pipe
▲ WP-W = made from welded pipe or plate

Nom pipe size			Schedule	Dimensions in mm				C	M	Weight kg/pc	304L	316L
Run	x	Outlet		D	D ₁	t	t ₁					
3	x	2"	10s	88.9	60.3	3.05	2.77	86	76	1,230	●/▲	●/▲
		40s	88.9	60.3	5.49	3.91	86	76	2,160	●	●	
3	x	2½"	10s	88.9	73.0	3.05	3.05	86	83	1,310	●/▲	●/▲
		40s	88.9	73.0	5.49	5.16	86	83	2,290	●	●	
4	x	1½"	10s	114.3	48.3	3.05	2.77	105	86	1,750	▲	▲
4	x	2"	10s	114.3	60.3	3.05	2.77	105	89	2,000	●/▲	●/▲
		40s	114.3	60.3	6.02	3.91	105	89	4,500	●	●	
4	x	2½"	10s	114.3	73.0	3.05	3.05	105	95	2,100	●	●/▲
		40s	114.3	73.0	6.02	5.16	105	95	4,700	●	●	
4	x	3"	10s	114.3	88.9	3.05	3.05	105	98	2,150	●/▲	●/▲
		40s	114.3	88.9	6.02	5.49	105	98	5,000	●	●	
5	x	3"	10s	141.3	88.9	3.40	3.05	124	111	3,130	●	●
		40s	141.3	88.9	6.55	5.49	124	111	7,500	●	●	
5	x	4"	10s	141.3	114.3	3.40	3.05	124	117	3,260	●/▲	●/▲
		40s	141.3	114.3	6.55	6.02	124	117	8,000	●	●	
6	x	2½"	10s	168.3	73.0	3.40	3.05	143	124	5,000	●	●
6	x	3"	10s	168.3	88.9	3.40	3.05	143	124	4,900	●/▲	●/▲
		40s	168.3	88.9	7.11	5.49	143	124	11,000	●	●	
6	x	4"	10s	168.3	114.3	3.40	3.05	143	130	5,100	●/▲	●/▲
		40s	168.3	114.3	7.11	6.02	143	130	11,500	●	●	
6	x	5"	10s	168.3	141.3	3.40	3.40	143	137	5,300	●	▲
		40s	168.3	141.3	7.11	6.55	143	137	12,000	●	●	
8	x	4"	10s	219.1	114.3	3.76	3.05	178	156	7,700	●/▲	●/▲
		40s	219.1	114.3	8.18	6.02	178	156	20,500	●/▲	●/▲	
8	x	5"	10s	219.1	141.3	3.76	3.40	178	162	8,150	▲	▲
		40s	219.1	141.3	8.18	6.55	178	162	20,700	●	●	
8	x	6"	10s	219.1	168.3	3.76	3.40	178	168	8,300	●/▲	●/▲
		40s	219.1	168.3	8.18	7.11	178	168	21,000	●/▲	●/▲	
10	x	4"	10s	273.1	114.3	4.19	3.05	216	184	13,000	▲	▲
		40s	273.1	114.3	9.27	6.02	216	184	35,000	▲	▲	
10	x	6"	10s	273.1	168.3	4.19	3.40	216	194	16,500	▲	●/▲
		40s	273.1	168.3	9.27	7.11	216	194	36,000	▲	▲	
10	x	8"	10s	273.1	219.1	4.19	3.76	216	203	16,700	●/▲	●/▲
		40s	273.1	219.1	9.27	8.18	216	203	36,300	●/▲	●/▲	
12	x	6"	10s	323.9	168.5	4.57	3.40	254	219	23,000	▲	▲
		40s	323.9	168.5	9.53	7.11	254	219	52,000	●/▲	▲	
12	x	8"	10s	323.9	219.1	4.57	3.76	254	229	24,000	●/▲	▲
		40s	323.9	219.1	9.53	8.18	254	229	53,000	▲	▲	
12	x	10"	10s	323.9	273.1	4.57	3.76	254	241	25,000	●/▲	▲
		40s	323.9	273.1	9.53	9.27	254	241	54,000	▲	▲	