

## Tees, Schedule ASTM

**Manufacturing Standards:** Welding components are manufactured according to ASTM-403WP-S (ANSI B 16.9) standards.

**Grade:** Austenitic series 304 - L, 316-L

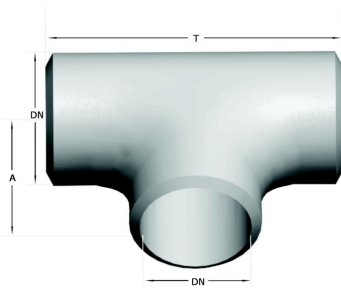
**Finish:** Standard finish L / C

**Dimensions:** Diameters from 1 / 4 " to 24".

**Certificates:** Product certificates provide if required, according to the following standard: EN 10204/3.1.B or DIN 50049.

**Tolerances:** Allowable differences in diameter and eccentricity + - 1.0% and thickness + - 12.55%

**Applications:** ASTM tubes are used in industrial environments with extreme temperatures and exposure to corrosive agents. Also used in equipment: heaters, heat exchangers and reactors, such as in the conduction of acid in the petrochemical, oil and food processing industries.



### Technical information

DN Pulgadas	Dimensiones						Calidades AISI	
	Schedule	Ø D	Espesor	R	T	Peso	304-L	316-L
1/2"	10S	21.3	2.11	25.4	=E3*2	0.07	l p	l p
1/2"	40S	21.3	2.77	25.4	=E4*2	0.09	l p	l p
1/2"	80S	21.3	3.73	25.4	=E5*2	0.14		l
3/4"	10S	26.7	2.11	28.6	=E6*2	0.09	l p	l p
3/4"	40S	26.7	2.87	28.6	=E7*2	0.12	l p	l p
3/4"	80S	26.7	3.91	28.6	=E8*2	0.2		l
1"	10S	33.4	2.77	38.1	=E9*2	0.2	l p	l p
1"	40S	33.4	3.38	38.1	=E10*2	0.25	l p	l p
1"	80S	33.4	4.55	38.1	=E11*2	0.39		l
1 1/4"	10S	42.2	2.77	47.6	=E12*2	0.33	l p	l p

1 1/4"	40S	42.2	3.56	47.6	=E13*2	0.42	l p	l p
1 1/2"	10S	48.3	2.77	57.2	=E14*2	0.46	l p	l p
1 1/2"	40S	48.3	3.68	57.2	=E15*2	0.6	l p	l p
1 1/2"	80S	48.3	5.08	57.2	=E16*2	1.02		l
2"	10S	60.3	2.77	63.5	=E17*2	0.63	l p	l p
2"	40S	60.3	3.91	63.5	=E18*2	0.87	l p	l p
2"	80S	60.3	5.54	63.5	=E19*2	1.59		l
2 1/2"	10S	73	3.05	76.2	=E20*2	1.1	l p	l p
2 1/2"	40S	73	5.16	76.2	=E21*2	1.7	l p	l p
3"	10S	88.9	3.05	85.7	=E22*2	1.37	l p	l p
3"	40S	88.9	5.49	85.7	=E23*2	1.9	l p	l p
3"	80S	88.9	7.62	85.7	=E24*2	4.45		l
3 1/2"	10S	101.6	3.05	95.3	=E25*2	1.74		p
3 1/2"	40S	101.6	5.74	95.3	=E26*2	3.19		l p
4"	10S	114.3	3.05	104.8	=E27*2	2.15	l p	l p
4"	40S	114.3	6.02	104.8	=E28*2	4.13	l p	l p
4"	80S	114.3	8.56	104.8	=E29*2	7.71		l
5"	10S	141.3	3.4	123.8	=E30*2	3.48		p
5"	40S	141.3	6.55	123.8	=E31*2	6.55	l p	l p
6"	10S	168.3	3.4	142.9	=E32*2	4.76	l p	l p
6"	40S	168.3	7.11	142.9	=E33*2	9.73	l p	l p
6"	80S	168.3	10.97	142.9	=E34*2	13.61		l
8"	10S	219.1	3.76	177.8	=E35*2	8.46	l p	l p
8"	40S	219.1	8.18	177.8	=E36*2	18	l p	l p
10"	10S	273.1	4.19	215.9	=E37*2	14.2	p	p
10"	40S	273.1	9.27	215.9	=E38*2	30.8	p	p
12"	10S	323.9	4.57	254	=E39*2	21.6	p	p
12"	40S	323.9	9.53	254	=E40*2	44.3	p	p
14"	10S	355.6	4.78	279.4	=E41*2	48.53	p	p
14"	STD	355.6	9.53	279.4	=E42*2	79.38	p	p
16"	10S	406.4	4.78	304.8	=E43*2	58.97	p	p
16"	STD	406.4	9.53	304.8	=E44*2	99.79	p	p
18"	10S	457.2	4.78	342.9	=E45*2	76.66	p	p
20"	10S	508	5.54	381	=E46*2	103.42	p	p
24"	10S	609.6	6.35	431.8	=E47*2	155.58	p	p