

Structurals Tees

Laser fused

according to ASTM A1069, dimensional tolerances and grades, according to ASTM A276, ASTM A484, ASTM A479, ASME SA479, MTC EN 10204 3.1

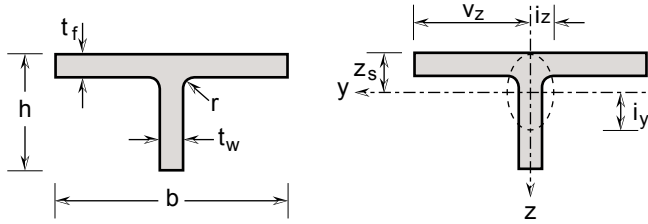
Stainless steel

Standard stainless steel grades 304/L and 316/L
Annealed and pickled, lengths of 6000 -0/+100 mm

General properties								Structural properties						
Designation		Dimensions						Position of axes y-y	Axis y-y			Axis z-z		
	G kg/m	h mm	b mm	t _w mm	t _f mm	r* mm	A mm ² x10 ²	Z _s mm ⁴ x10 ⁴	I _y mm ³ x10 ³	W _{el,y} mm x10	i _y mm ⁴ x10 ⁴	I _z mm ³ x10 ³	W _{el,z} mm x10	i _z
50 x 75	5.73	50	75	6	6	2	715.72	12.23	14.80	3.92	1.44	21.17	5.65	1.72
50 x 100	6.93	50	100	6	8	2	865.72	10.63	15.90	4.04	1.36	50.08	10.02	2.41
62.5 x 125	9.43	62.5	125	6.5	9	2	1178.22	12.91	34.35	6.93	1.71	105.92	16.95	3.00
75 x 75	5.81	75	75	5	7	2	726.72	20.57	39.87	7.32	2.34	17.65	4.71	1.56
75 x 100	8.13	75	100	6	9	2	1015.72	18.29	51.08	9.01	2.24	50.12	10.02	2.22
75 x 150	12.22	75	150	7	10	2	1527.72	15.19	64.84	10.84	2.06	197.07	26.28	3.59
87.5 x 90	6.91	87.5	90	5	8	2	864.22	23.39	64.74	10.10	2.74	30.46	6.77	1.88
87.5 x 175	15.31	87.5	175	7.5	11	2	1914.22	17.47	111.45	15.91	2.41	335.24	38.31	4.18
100 x 100	8.57	100	100	5.5	8	2	1071.47	27.01	105.70	14.48	3.14	45.96	9.19	2.07
100 x 150	11.73	100	150	6	9	2	1465.72	22.24	128.52	16.53	2.96	168.92	22.52	3.39
100 x 200	18.70	100	200	8	12	2	2337.72	19.75	178.82	22.28	2.77	533.73	53.37	4.78
125 x 125	11.73	125	125	6	9	2	1465.72	33.45	227.49	24.85	3.94	97.87	15.66	2.58
125 x 175	16.42	125	175	7	11	2	2052.72	28.65	289.13	30.01	3.75	312.97	35.77	3.90
125 x 250	23.50	125	250	8	13	2	2937.72	23.92	356.95	35.31	3.49	1042.17	83.37	5.96
150 x 150	12.97	150	150	5.5	8	2	1621.47	39.51	366.39	33.16	4.75	154.89	20.65	3.09
150 x 200	21.90	150	200	8	12	2	2737.72	35.12	565.55	49.23	4.55	533.94	53.39	4.42
150 x 300	35.21	150	300	10	15	2	4401.72	28.86	768.16	63.41	4.18	2251.17	150.08	7.15
175 x 175	16.53	175	175	6	9	2	2065.72	45.95	636.87	49.35	5.55	268.27	30.66	3.60
175 x 250	26.70	175	250	8	12	2	3337.72	39.03	924.96	68.02	5.26	1042.38	83.39	5.59
175 x 350	41.21	175	350	10	16	2	5151.72	33.03	1235.89	87.05	4.90	3574.29	204.25	8.33

* Profiles are laser fused with full penetration, equivalent to hot rolled (r = laser seam).

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200 x 200	22.02	200	200	7	11	2	2752.72	52.58	1107.82	75.15	6.34	467.22	46.72	4.12
200 x 300	39.21	200	300	10	16	2	4901.72	43.76	1737.54	111.21	5.95	2251.58	150.11	6.78
200 x 400	61.06	200	400	13	21	2	7632.72	38.35	2372.40	146.76	5.58	6936.76	346.84	9.53

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