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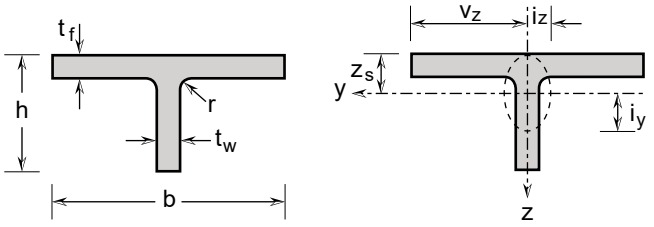

Structural Tees

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								Stuctural properties							
Designation		Dimensions						Position of axes y-y	Axis y-y			Axis z-z			
	G	h	b	t_w	t_f	r *	A	Z_s	I_y	$W_{el.y}$	i_y	I_z	$W_{el.z}$	i_z	
	kg/m	mm	mm	mm	mm	mm	mm^2 x10^2	mm^4 x10^4	mm^3 x10^3	mm x10	mm^4 x10^4	mm^3 x10^3	mm x10	mm x10	
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	8.43	50	100	6	8	2	1053.72	9.98	16.11	4.03	1.24	66.75	13.35	2.52	
62.5 x 125	11.80	62.5	125	6.5	9	2	1474.47	11.87	35.00	6.91	1.54	146.61	23.46	3.15	
75 x 75	6.93	75	75	5	7	2	866.72	18.21	42.36	7.46	2.21	24.68	6.58	1.69	
75 x 100	10.38	75	100	6	9	2	1297.72	15.95	53.67	9.09	2.03	75.12	15.02	2.41	
75 x 150	15.65	75	150	7	10	2	1956.72	13.72	66.37	10.83	1.84	281.45	37.53	3.59	
87.5 x 90	8.95	87.5	90	5	8	2	1119.22	19.54	70.37	10.36	2.51	48.69	10.82	2.09	
87.5 x 175	20.00	87.5	175	7.5	11	2	2500.47	15.54	114.54	15.92	2.14	491.56	56.18	4.43	
100 x 100	10.46	100	100	5.5	8	2	1307.72	23.35	113.66	14.83	2.95	66.80	13.36	2.26	
100 x 150	15.18	100	150	6	9	2	1897.72	18.89	135.81	16.74	2.68	253.29	33.77	3.65	
100 x 200	24.85	100	200	8	12	2	3105.72	17.34	184.41	22.31	2.44	800.39	80.04	5.08	
125 x 125	14.58	125	125	6	9	2	1822.72	28.37	246.85	25.55	3.68	146.70	23.47	2.84	
125 x 175	21.80	125	175	7	11	2	2724.72	23.81	308.78	30.51	3.37	491.61	56.18	4.25	
125 x 250	33.18	125	250	8	13	2	4147.72	20.00	372.62	35.49	3.00	1693.21	135.46	6.39	
150 x 150	15.86	150	150	5.5	8	2	1982.72	33.54	398.12	34.19	4.48	225.20	30.03	3.37	
150 x 200	28.05	150	200	8	12	2	3505.72	29.62	603.50	50.13	4.15	800.61	80.06	4.78	
150 x 300	46.81	150	300	10	15	2	5851.72	24.80	797.64	63.71	3.69	3376.17	225.08	7.60	
175 x 175	20.58	175	175	6	9	2	2572.72	38.38	697.10	51.02	5.21	402.26	45.97	3.95	
175 x 250	34.45	175	250	8	12	2	4305.72	32.50	988.31	69.36	4.79	1563.21	125.06	6.03	
175 x 350	57.53	175	350	10	16	2	7191.72	27.35	1295.11	87.71	4.24	5718.04	326.75	8.92	

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STAINLESS STRUCTURALS
SPECIAL PROFILES IN STEEL

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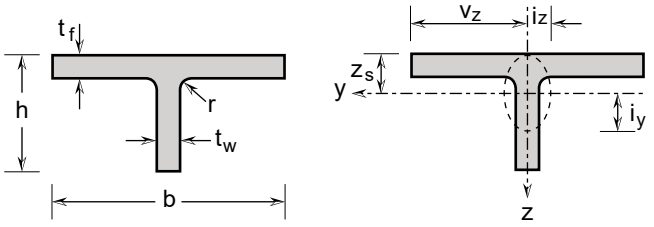

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	kg/m	mm	mm	mm	mm	mm	mm^2 x10^2	mm^4 x10^4	mm^3 x10^3	mm x10	mm^4 x10^4	mm^3 x10^3	mm x10	mm x10	
200 x 200	28.20	200	200	7	11	2	3524.72	43.04	1222.43	77.88	5.89	733.89	73.39	4.56	
200 x 300	53.13	200	300	10	16	2	6641.72	35.70	1859.60	113.19	5.29	3601.58	240.11	7.36	
200 x 400	85.83	200	400	13	21	2	10728.72	32.19	2474.46	147.46	4.80	11203.4	560.17	10.22	

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