

# Thermal profile C

Max length up to 12360 mm

Material: hot dip galvanised steel

Steel quality S350GD+Z275



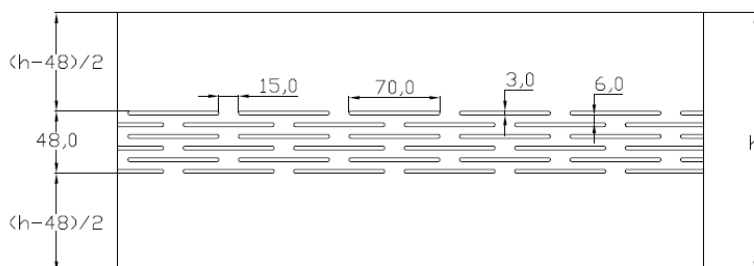
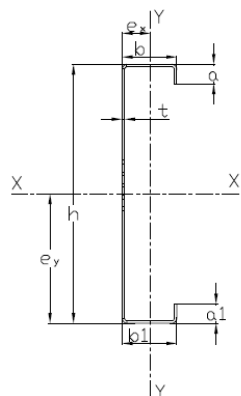
## LANK META

LANKSTYTI METALO PROFILIAI

Trakiškio g. 9, LT-35115 Panevėžys, Lithuania

Phone: +370 455 02310

Email: info@lankmeta.lt



A - cross-section stretch top

As - stretch top

M - weight

r - inside bend radius

ex - throw at the profile side to the axle Y

ey - throw at the profile side to the axle X

I - inertia momentum

W - strength momentum

i - cross-section inertia radius

Profile	t	h	a, a1	b, b1	r	A	As	M	ex	Ix	Wx	ix	Iy	Wy	iy
	mm	mm	mm	mm	mm	cm <sup>2</sup>	m <sup>2</sup> /m	kg/m	mm	cm <sup>4</sup>	cm <sup>3</sup>	cm	cm <sup>4</sup>	cm <sup>3</sup>	cm
C7008	0.8	70	15	40	0.8	1.4	0.34	1.1	15.51	11.45	3.27	2.86	3.49	1.42	1.58
C7010	1	70	15	40	1	1.73	0.33	1.36	15.5	14.15	4.04	2.86	4.28	1.75	1.57
C7012	1.2	70	15	40	1.2	2.07	0.33	1.62	15.49	16.79	4.8	2.85	5.04	2.06	1.56
C7015	1.5	70	15	40	1.5	2.55	0.32	2	15.47	20.61	5.89	2.84	6.12	2.5	1.55
C7020	2	70	15	40	2	3.34	0.32	2.62	15.44	26.67	7.62	2.83	7.79	3.17	1.53
C7708	0.8	77	15	40	0.8	1.45	0.35	1.14	14.93	14.24	3.7	3.13	3.61	1.44	1.58
C7710	1	77	15	40	1	1.8	0.35	1.42	14.92	17.61	4.57	3.12	4.43	1.77	1.57
C7712	1.2	77	15	40	1.2	2.15	0.34	1.69	14.91	20.89	5.43	3.12	5.22	2.08	1.56
C7715	1.5	77	15	40	1.5	2.66	0.34	2.09	14.89	25.67	6.67	3.11	6.34	2.53	1.54
C7720	2	77	15	40	2	3.48	0.33	2.73	14.86	33.25	8.64	3.09	8.07	3.21	1.52
C10008	0.8	100	15	40	0.8	1.64	0.4	1.29	13.3	25.99	5.2	3.98	3.96	1.48	1.55
C10010	1	100	15	40	1	2.03	0.39	1.6	13.29	32.15	6.43	3.98	4.85	1.82	1.54
C10012	1.2	100	15	40	1.2	2.43	0.39	1.9	13.28	38.19	7.64	3.97	5.72	2.14	1.54
C10015	1.5	100	15	40	3	2.96	0.37	2.33	13.18	46.31	9.26	3.95	6.84	2.55	1.52
C10020	2	100	15	40	2	3.94	0.38	3.09	13.24	61.02	12.2	3.94	8.85	3.31	1.5
C12008	0.8	120	15	40	0.8	1.8	0.44	1.41	12.15	39.7	6.62	4.7	4.2	1.51	1.53
C12010	1	120	15	40	1	2.23	0.43	1.75	12.15	49.16	8.19	4.69	5.15	1.85	1.52
C12012	1.2	120	15	40	1.2	2.67	0.43	2.09	12.14	58.42	9.74	4.68	6.07	2.18	1.51
C12015	1.5	120	15	40	1.5	3.3	0.42	2.59	12.13	71.97	11.99	4.67	7.38	2.65	1.49
C12020	2	120	15	40	2	4.34	0.42	3.4	12.11	93.6	15.6	4.65	9.4	3.37	1.47
C12508	0.8	125	15	40	0.8	1.84	0.45	1.44	11.9	43.68	6.99	4.88	4.25	1.51	1.52
C12510	1	125	15	40	1	2.28	0.44	1.79	11.89	54.09	8.65	4.87	5.22	1.86	1.51
C12512	1.2	125	15	40	1.2	2.73	0.44	2.14	11.88	64.29	10.29	4.86	6.15	2.19	1.5
C12515	1.5	125	15	40	1.5	3.38	0.43	2.65	11.88	79.22	12.67	4.84	7.47	2.66	1.49
C12520	2	125	15	40	2	4.44	0.43	3.48	11.86	103.07	16.49	4.82	9.52	3.38	1.46
C15008	0.8	150	15	40	0.8	2.04	0.5	1.6	10.77	67.12	8.95	5.74	4.49	1.54	1.48
C15010	1	150	15	40	1	2.53	0.49	1.99	10.77	83.17	11.09	5.73	5.51	1.89	1.47
C15012	1.2	150	15	40	1.2	3.03	0.49	2.37	10.77	98.92	13.19	5.72	6.49	2.22	1.46
C15015	1.5	150	15	40	1.5	3.75	0.48	2.95	10.77	121.99	16.27	5.7	7.89	2.7	1.45
C15020	2	150	15	40	2	4.94	0.48	3.88	10.76	158.98	21.2	5.67	10.05	3.44	1.43
C17508	0.8	175	15	40	0.8	2.24	0.55	1.76	9.84	96.93	11.08	6.58	4.69	1.55	1.45
C17510	1	175	15	40	1	2.78	0.54	2.19	9.84	120.16	13.73	6.57	5.75	1.91	1.44
C17512	1.2	175	15	40	1.2	3.33	0.54	2.61	9.85	142.99	16.34	6.56	6.77	2.25	1.43
C17515	1.5	175	15	40	1.5	4.13	0.53	3.24	9.86	176.49	20.17	6.54	8.24	2.73	1.41
C17520	2	175	15	40	2	5.44	0.53	4.27	9.87	230.32	26.32	6.51	10.49	3.48	1.39
C20008	0.8	200	15	40	0.8	2.44	0.6	1.91	9.07	133.73	13.37	7.41	4.85	1.57	1.41

C20010	1	200	15	40	1	3.03	0.59	2.38	9.07	165.85	16.59	7.39	5.95	1.92	1.4
C20012	1.2	200	15	40	1.2	3.63	0.59	2.85	9.08	197.46	19.75	7.38	7.01	2.27	1.39
C 20015	1.5	200	15	40	1.5	4.5	0.58	3.53	9.1	243.88	24.39	7.36	8.52	2.76	1.38
C 20020	2	200	15	40	2	5.94	0.58	4.66	9.12	318.65	31.87	7.33	10.85	3.51	1.35
C 25008	0.8	250	15	40	0.8	2.84	0.7	2.23	7.84	230.81	18.46	9.02	5.11	1.59	1.34
C 25010	1	250	15	40	1	3.53	0.69	2.77	7.86	286.47	22.92	9	6.27	1.95	1.33
C 25012	1.2	250	15	40	1.2	4.23	0.69	3.32	7.88	341.32	27.31	8.99	7.38	2.3	1.32
C 25015	1.5	250	15	40	1.5	5.25	0.68	4.12	7.9	422.05	33.76	8.96	8.97	2.8	1.31
C 25020	2	250	15	40	2	6.94	0.68	5.45	7.95	552.53	44.2	8.92	11.42	3.56	1.28
C 30008	0.8	300	15	40	0.8	3.24	0.8	2.54	6.92	363.37	24.22	10.59	5.3	1.6	1.28
C 30010	1	300	15	40	1	4.03	0.79	3.17	6.95	451.27	30.08	10.58	6.51	1.97	1.27
C 30012	1.2	300	15	40	1.2	4.83	0.79	3.79	6.97	537.99	35.87	10.56	7.66	2.32	1.26
C 30015	1.5	300	15	40	1.5	6	0.78	4.71	7.01	665.87	44.39	10.53	9.31	2.82	1.25
C 30020	2	300	15	40	2	7.94	0.78	6.23	7.07	873.13	58.21	10.49	11.84	3.6	1.22
C 35008	0.8	350	15	40	0.8	3.64	0.9	2.86	6.21	536.4	30.65	12.14	5.46	1.61	1.22
C 35010	1	350	15	40	1	4.53	0.89	3.56	6.24	666.49	38.09	12.12	6.69	1.98	1.21
C 35012	1.2	350	15	40	1.2	5.43	0.89	4.26	6.27	794.98	45.43	12.11	7.88	2.34	1.21
C 35015	1.5	350	15	40	1.5	6.75	0.88	5.3	6.32	984.72	56.27	12.08	9.57	2.84	1.19
C 35020	2	350	15	40	2	8.94	0.88	7.02	6.39	1292.93	73.88	12.03	12.17	3.62	1.17