



# U-channels

(Metric units)

Section Size	Unit weight		Section Depth		Flange Width		Web Thickness		Flange Thickness		Corner Radius				Section Area	
	M		A		B		t <sup>1</sup>		t <sup>2</sup>		r <sup>1</sup>		r <sup>2</sup>		A	
A x B x t <sup>1</sup>	kg/m	lb/ft	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	cm <sup>2</sup>	in <sup>2</sup>
75 x 40 x 5	6.9	4.65	75	2.95	40	1.57	5.0	0.20	7.0	0.28	8	0.31	4.0	0.16	8.82	1.37
100 x 50 x 5	9.4	6.29	100	3.94	50	1.97	5.0	0.20	7.5	0.30	8	0.31	4.0	0.16	11.92	1.85
125 x 65 x 6	13.4	9.00	125	4.92	65	2.56	6.0	0.24	8.0	0.31	8	0.31	4.0	0.16	17.11	2.65
150 x 75 x 6.5	18.6	12.50	150	5.91	75	2.95	6.5	0.26	10.0	0.39	10	0.39	5.0	0.20	23.71	3.67
150 x 75 x 9	24.0	16.13	150	5.91	75	2.95	9.0	0.35	12.5	0.49	15	0.59	7.5	0.30	30.49	4.73
180 x 75 x 7	21.4	14.38	180	7.09	75	2.95	7.0	0.28	10.5	0.41	11	0.43	5.5	0.22	27.20	4.22
180 x 90 x 7.5	27.1	18.21	180	7.09	90	3.54	7.5	0.30	12.5	0.49	13	0.51	6.5	0.26	34.57	5.36
200 x 80 x 7.5	24.6	16.53	200	7.87	80	3.15	7.5	0.30	11.0	0.43	12	0.47	6.0	0.24	31.33	4.86
200 x 90 x 8	30.3	20.36	200	7.87	90	3.54	8.0	0.31	13.5	0.53	14	0.55	7.0	0.28	38.65	5.99
230 x 80 x 8	28.4	19.08	230	9.06	80	3.15	8.0	0.31	12.0	0.47	13	0.51	6.5	0.26	36.12	5.60
230 x 90 x 8.5	33.1	22.24	230	9.06	90	3.54	8.5	0.33	13.5	0.53	15	0.59	7.5	0.30	42.14	6.53
250 x 80 x 8	30.2	20.29	250	9.84	80	3.15	8.0	0.31	12.5	0.49	14	0.55	7.0	0.28	38.51	5.97
250 x 90 x 9	34.6	23.25	250	9.84	90	3.54	9.0	0.35	13.0	0.51	14	0.55	7.0	0.28	44.07	6.83
250 x 90 x 11	40.2	27.01	250	9.84	90	3.54	11.0	0.43	14.5	0.57	17	0.67	8.5	0.33	51.17	7.93
280 x 100 x 9	38.8	26.07	280	11.02	100	3.94	9.0	0.35	13.0	0.51	14	0.55	7.0	0.28	49.37	7.65
280 x 100 x 11.5	48.2	32.39	280	11.02	100	3.94	11.5	0.45	16.0	0.63	18	0.71	9.0	0.35	61.37	9.51
300 x 90 x 9	38.1	25.60	300	11.81	90	3.54	9.0	0.35	12.0	0.47	14	0.55	7.0	0.28	48.57	7.53
300 x 90 x 10	43.8	29.43	300	11.81	90	3.54	10.0	0.39	15.5	0.61	19	0.75	9.5	0.37	55.74	8.64
380 x 100 x 10.5	54.5	36.62	380	14.96	100	3.94	10.5	0.41	16.0	0.63	18	0.71	9.0	0.35	69.38	10.75
380 x 100 x 13	62.0	41.66	380	14.96	100	3.94	13.0	0.51	16.5	0.65	18	0.71	9.0	0.35	78.96	12.24

**Material Spec:** EN10025 S275JR  
EN10025 S355JR  
JIS G3101 SS400