



u-channels

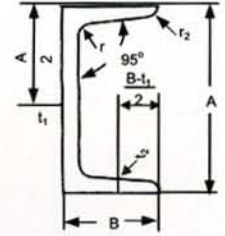
Mild Steel Channels are used mainly in heavy industries.

MS Channels are usually applied in the automotive industry as well as heavy machinery industries.

Generally, there are 3 types of mild steel channel, they are:

- Plain Channels
- Lipped Channels
- U/C Channels

U-CHANNELS



(Metric units)

Section Size A x B x t ₁ mm (in)	Unit weight		Section Depth A		Flange Width B		Web Thickness t ₁		Flange Thickness t ₂		Corner Radius				Section Area	
	M	lb/ft	mm	in	mm	in	mm	in	mm	in	r ₁	in	r ₂	mm	in	cm ²
75 x 40 x 5	6.9	4.65	75	2.953	40	1.575	5.0	0.197	7.0	0.2756	8	0.315	4.0	0.1575	8.818	1.367
100 x 50 x 5	9.4	6.29	100	3.937	50	1.969	5.0	0.197	7.5	0.2953	8	0.315	4.0	0.1575	11.92	1.847
125 x 65 x 6	13.4	9.00	125	4.921	65	2.559	6.0	0.236	8.0	0.315	8	0.315	4.0	0.1575	17.11	2.652
150 x 75 x 6.5	18.6	12.50	150	5.906	75	2.953	6.5	0.256	10.0	0.3937	10	0.394	5.0	0.1969	23.71	3.675
150 x 75 x 9	24.0	16.13	150	5.906	75	2.953	9.0	0.354	12.5	0.4921	15	0.591	7.5	0.2953	30.49	4.726
180 x 75 x 7	21.4	14.38	180	7.087	75	2.953	7.0	0.276	10.5	0.4134	11	0.433	5.5	0.2165	27.2	4.216
180 x 90 x 7.5	27.1	18.21	180	7.087	90	3.543	7.5	0.295	12.5	0.4921	13	0.512	6.5	0.2559	34.57	5.358
200 x 80 x 7.5	24.6	16.53	200	7.874	80	3.150	7.5	0.295	11.0	0.4331	12	0.472	6.0	0.2362	31.33	4.856
200 x 90 x 8	30.3	20.36	200	7.874	90	3.543	8.0	0.315	13.5	0.5315	14	0.551	7.0	0.2756	38.65	5.990
230 x 80 x 8	28.4	19.08	230	9.055	80	3.150	8.0	0.315	12.0	0.4724	13	0.512	6.5	0.2559	36.12	5.598
230 x 90 x 8.5	33.1	22.24	230	9.055	90	3.543	8.5	0.335	13.5	0.5315	15	0.591	7.5	0.2953	42.14	6.531
250 x 80 x 8	30.2	20.29	250	9.843	80	3.150	8.0	0.315	12.5	0.4921	14	0.551	7.0	0.2756	38.51	5.969
250 x 90 x 9	34.6	23.25	250	9.843	90	3.543	9.0	0.354	13.0	0.5118	14	0.551	7.0	0.2756	44.07	6.830
250 x 90 x 11	40.2	27.01	250	9.843	90	3.543	11.0	0.433	14.5	0.5709	17	0.669	8.5	0.3346	51.17	7.931
280 x 100 x 9	38.8	26.07	280	11.024	100	3.937	9.0	0.354	13.0	0.5118	14	0.551	7.0	0.2756	49.37	7.652
280 x 100 x 11.5	48.2	32.39	280	11.024	100	3.937	11.5	0.453	16.0	0.6299	18	0.709	9.0	0.3543	61.37	9.512
300 x 90 x 9	38.1	25.60	300	11.811	90	3.543	9.0	0.354	12.0	0.4724	14	0.551	7.0	0.2756	48.57	7.528
300 x 90 x 10	43.8	29.43	300	11.811	90	3.543	10.0	0.394	15.5	0.610	19	0.748	9.5	0.374	55.74	8.639
380 x 100 x 10.5	54.5	36.62	380	14.961	100	3.937	10.5	0.413	16.0	0.6299	18	0.709	9.0	0.3543	69.38	10.753
380 x 100 x 13	62.0	41.66	380	14.961	100	3.937	13.0	0.512	16.5	0.6496	18	0.709	9.0	0.3543	78.96	12.238

Spec: ASTM A36, BS 4360 GR 43A, JIS G3101 SS400.....