

Flat Bar



Metric Units

Section Size		Unit weight	Section area A	Section Size		Unit weight	Section area A	Section Size		Unit weight	Section area A
thickness	width			thickness	width			thickness	width		
mm	mm	kg/m	cm ²	mm	mm	kg/m	cm ²	mm	mm	kg/m	cm ²
3.0	12.0	0.283	0.36	9.0	90.0	6.36	8.10	19.0	250.0	37.3	47.5
3.0	16.0	0.377	0.48	9.0	100.0	7.06	9.999	19.0	280.0	41.8	53.2
3.0	19.0	0.447	0.57	9.0	125.0	8.83	11.25	19.0	300.0	44.7	57.0
3.0	25.0	0.589	0.75	9.0	150.0	10.6	13.50	22.0	50.0	8.64	11.0
3.0	32.0	0.754	0.96	9.0	180.0	12.7	16.20	22.0	65.0	11.2	14.3
3.0	38.0	0.895	0.14	9.0	200.0	14.1	18.00	22.0	75.0	13.0	16.5
3.0	50.0	1.18	1.50	9.0	230.0	16.2	20.70	22.0	90.0	15.5	19.8
4.5	12.0	0.424	0.54	9.0	250.0	17.7	22.50	22.0	100.0	17.3	22.0
4.5	16.0	0.565	0.72	9.0	300.0	21.2	27.00	22.0	125.0	21.6	27.5
4.5	19.0	0.67	0.85	12.0	25.0	2.36	3.00	22.0	150.0	25.9	33.0
4.5	25.0	0.88	1.125	12.0	32.0	3.01	3.84	22.0	180.0	31.1	39.6
4.5	32.0	1.13	1.44	12.0	35.0	3.31	4.20	22.0	200.0	34.5	44.0
4.5	38.0	1.34	1.71	12.0	38.0	3.58	4.56	22.0	230.0	39.7	50.6
4.5	44.0	1.55	1.98	12.0	44.0	4.14	5.28	22.0	250.0	43.2	55.0
4.5	50.0	1.77	2.25	12.0	50.0	4.71	6.00	22.0	280.0	48.4	61.0
4.5	65.0	2.30	2.93	12.0	65.0	6.12	7.80	22.0	300.0	51.8	66.0
4.5	75.0	2.60	3.37	12.0	75.0	7.06	9.00	25.0	50.0	9.81	12.5
4.5	100.0	3.55	4.50	12.0	90.0	8.48	10.80	25.0	65.0	12.8	16.25
5.0	25.0	0.98	1.25	12.0	100.0	9.42	12.00	25.0	75.0	14.7	18.75
5.0	50.0	1.96	2.50	12.0	125.0	11.8	15.00	25.0	90.0	17.7	22.5
6.0	12.0	0.57	0.72	12.0	150.0	14.1	18.00	25.0	100.0	19.6	25.0
6.0	16.0	0.754	0.96	12.0	180.0	17.0	21.60	25.0	125.0	24.5	31.25
6.0	19.0	0.895	1.14	12.0	200.0	18.8	24.00	25.0	150.0	29.4	37.5
6.0	25.0	1.13	1.50	12.0	230.0	21.7	27.60	25.0	180.0	35.3	45.0
6.0	32.0	1.51	1.92	12.0	250.0	23.6	30.00	25.0	200.0	39.2	50.0
6.0	38.0	1.79	2.28	12.0	280.0	26.4	33.60	25.0	230.0	45.1	57.5
6.0	44.0	2.07	2.64	12.0	300.0	28.3	36.00	25.0	250.0	49.1	62.5
6.0	50.0	2.36	3.00	16.0	25.0	3.14	4.00	25.0	280.0	55.0	70.0
6.0	65.0	3.06	3.90	16.0	32.0	4.02	5.12	25.0	300.0	58.9	75.0
6.0	75.0	3.53	4.50	16.0	38.0	4.77	6.08	28.0	100.0	22.0	28.0
6.0	90.0	4.24	5.40	16.0	44.0	5.53	7.04	28.0	125.0	27.5	35.0
6.0	100.0	4.71	6.00	16.0	50.0	6.28	8.00	28.0	150.0	33.0	42.0
6.0	125.0	5.89	7.50	16.0	65.0	8.16	10.40	28.0	180.0	39.6	50.4
6.0	150.0	7.05	9.00	16.0	75.0	9.42	12.00	28.0	200.0	44.0	56.0
6.0	200.0	9.42	12.00	16.0	90.0	11.3	14.40	28.0	230.0	50.6	64.4
6.0	250.0	11.78	15.00	16.0	100.0	12.6	16.00	28.0	250.0	55.0	70.0
6.0	300.0	14.13	18.00	16.0	125.0	15.7	20.00	28.0	280.0	61.5	78.4
8.0	25.0	1.57	2.00	16.0	150.0	18.8	24.00	28.0	300.0	65.9	84.0
8.0	32.0	2.01	2.56	16.0	180.0	22.6	28.0	32.0	100.0	25.1	32.0
8.0	38.0	2.39	3.04	16.0	200.0	25.1	32.0	32.0	125.0	31.4	40.0
8.0	44.0	2.76	3.52	16.0	230.0	28.9	36.8	32.0	150.0	37.7	48.0
8.0	50.0	3.14	4.00	16.0	250.0	31.4	50.0	32.0	180.0	45.2	57.6
8.0	65.0	5.65	5.20	16.0	280.0	35.2	44.8	32.0	200.0	50.2	64.0
8.0	75.0	4.71	6.00	16.0	300.0	37.7	48.0	32.0	230.0	57.8	73.6
8.0	90.0	5.65	7.20	19.0	38.0	5.67	7.22	32.0	250.0	62.8	80.0
8.0	100.0	6.28	8.00	19.0	44.0	6.56	8.36	32.0	280.0	70.3	89.6
8.0	125.0	7.85	10.00	19.0	50.0	7.46	9.50	32.0	300.0	75.4	96.0
9.0	19.0	1.34	1.71	19.0	65.0	9.69	12.35	36.0	100.0	28.3	36.0
9.0	25.0	1.77	2.25	19.0	75.0	11.2	14.25	36.0	125.0	35.3	45.0
9.0	32.0	2.26	2.88	19.0	90.0	13.4	17.1	36.0	150.0	42.4	54.0
9.0	35.0	2.47	3.15	19.0	100.0	14.9	19.0	36.0	180.0	50.9	64.8
9.0	38.0	2.68	3.42	19.0	125.0	18.6	23.75	36.0	200.0	56.5	72.0
9.0	44.0	3.11	3.96	19.0	150.0	22.4	28.5	36.0	230.0	65.0	82.0
9.0	50.0	3.53	4.50	19.0	180.0	26.8	34.2	36.0	250.0	70.6	90.0
9.0	65.0	4.59	5.85	19.0	200.0	29.8	38.0	36.0	280.0	79.1	100.8
9.0	75.0	5.30	6.75	19.0	230.0	34.3	43.7	36.0	300.0	84.8	108.0