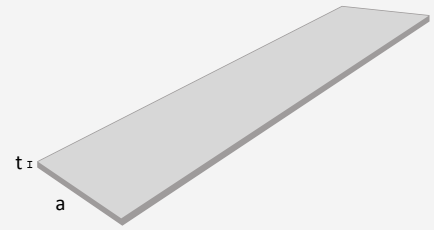


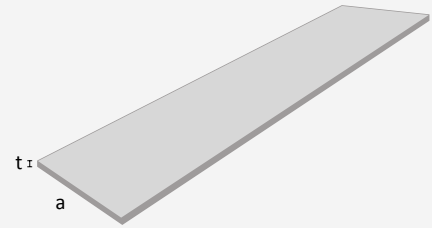
# FLAT BARS



Standard Sectional Dimension		Unit Weight	Sectional Area
(mm) a	Thickness t (mm)		A
		Kg/m	cm <sup>2</sup>
12	3	0.283	0.360
16		0.377	0.480
19		0.447	0.570
25		0.589	0.750
32		0.754	0.960
38		0.895	1.14
50		1.18	1.50
65		1.53	1.95
75		1.77	2.25
100		2.36	3.00
12	4	0.377	0.48
15		0.471	0.60
18		0.565	0.72
25	4.5	0.785	1.00
25		0.883	1.13
32		1.13	1.44
35		1.24	1.58
38		1.34	1.71
44		1.55	1.98
50		1.77	2.25
65		2.30	2.93
75		2.65	3.38
100		3.553	4.50
25	5	0.981	1.25
32		1.256	1.60
38		1.492	1.90
50		1.963	2.50
25	6	1.18	1.50
32		1.51	1.92
35		1.65	2.10
38		1.79	2.28
40		1.88	2.40
44		2.07	2.64
50		2.36	3.00
65		3.06	3.90
75		3.53	4.50
90		4.24	5.40
100		4.71	6.00
125		5.89	7.50
150		7.065	9.00
175		8.24	10.5
200		9.42	12.0

Standard Sectional Dimension		Unit Weight	Sectional Area
(mm) a	Thickness t (mm)		A
		Kg/m	cm <sup>2</sup>
25	8	1.57	2.00
32		2.01	2.56
38		2.39	3.04
44		2.76	3.52
50		3.14	4.00
65		4.08	5.20
75		4.71	6.00
90		5.65	7.20
100		6.28	8.00
125		7.85	10.0
150	9.42	12.0	
200	12.56	16.0	
19	9	1.34	1.71
25		1.77	2.25
32		2.26	2.88
38		2.68	3.42
44		3.11	3.96
50		3.53	4.50
65		4.59	5.85
75		5.30	6.75
90		6.36	8.10
100		7.065	9.00
125	8.83	11.3	
150	10.60	13.5	
180	12.72	16.2	
200	14.13	18.0	
250	17.66	22.5	
300	21.20	27.0	
50	10	3.93	5.0
65		5.10	6.5
75		5.88	7.5
125		9.80	12.50
130		10.20	13.0
150		11.77	15.0

# FLAT BARS



Standard Sectional Dimension		Unit Weight	Sectional Area
(mm) a	Thickness t (mm)		A
		Kg/m	cm <sup>2</sup>
25	12	2.36	3.70
32		3.01	3.84
38		3.58	4.56
40		3.77	4.80
44		4.14	5.28
50		4.71	6.00
65		6.12	7.80
75		7.065	9.00
90		8.48	10.8
100		9.42	12.0
125		11.78	15.0
150		14.13	18.0
180		16.96	21.6
200		18.84	24.0
250		23.55	30.0
300		28.26	36.0
25	16	3.14	4.00
32		4.02	5.12
38		4.77	6.08
50		6.28	8.00
65		8.16	10.4
75		9.42	12.0
90		11.30	14.4
100		12.56	16.0
125		15.70	20.0
150		18.84	24.0
200	25.12	32.0	
38	19	5.67	7.2
50		7.46	9.5
65		9.69	12.4
75		11.19	14.3
90		13.42	17.1
100		14.92	19.0
125		18.64	23.8
150		22.37	28.5
200		29.83	38.0
250		37.29	47.5
300		44.75	57.0

Standard Sectional Dimension		Unit Weight	Sectional Area
(mm) a	Thickness t (mm)		A
		Kg/m	cm <sup>2</sup>
50	25	9.81	12.5
65		12.76	16.3
75		14.72	18.8
90		17.66	22.5
100		19.63	25.0
125		24.53	31.3
130		25.51	32.5
150		29.44	37.5
300		58.87	75

Grades:  
 EN 10025 S275JR  
 ASTM A36  
 JIS G 3101 SS400