

# FLAT BARS

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## Information

Flat Bars are long and rectangular-shaped metal bars used in a wide range of structural and architectural applications. Flat bar is available in Aluminium, Stainless Steel, Hot Rolled and more.

## Applications

Construction, engineering, manufacturing, mining, grating, fabrication, chemical plant, petroleum, nuclear power, food industries, railway components, ship building, energy and precision equipment.

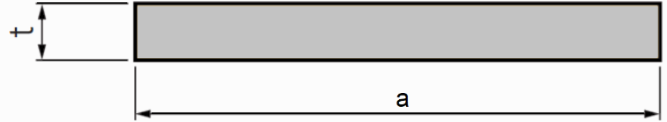
## Features

- Corrosion resistant
- High reliability, versatility and formability
- Great durability and sturdiness
- Excellent strength and malleability
- Dimensional accuracy



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**Material Specification:** EN 10025 S275JR  
 ASTM A36  
 BS4360 Gr43A  
 JIS G3101 SS400



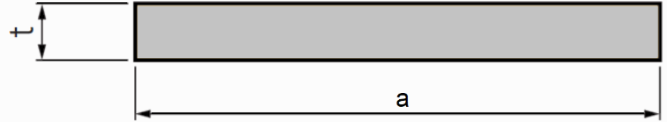
(Metric units)

Standard Sectional Dimension		Unit Weight	Sectional Area
t	a	M	A
mm	mm	Kg/m	cm <sup>2</sup>
3	12	0.283	0.36
	16	0.377	0.48
	19	0.447	0.57
	25	0.589	0.75
	32	0.754	0.96
	38	0.895	1.14
	50	1.18	1.5
	65	1.53	1.95
	75	1.77	2.25
	100	2.36	3
4	12	0.377	0.48
	15	0.471	0.6
	18	0.565	0.72
	25	0.785	1
4.5	12	0.42	0.54
	16	0.57	0.72
	19	0.67	0.85
	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	2.3	2.93
	75	2.65	3.38
	100	3.553	4.5
5	25	0.981	1.25
	32	1.256	1.6
	38	1.492	1.9
	50	1.963	2.5

Standard Sectional Dimension		Unit Weight	Sectional Area
t	a	M	A
mm	mm	Kg/m	cm <sup>2</sup>
6	12	0.57	0.72
	16	0.75	0.96
	19	0.9	1.14
	25	1.18	1.5
	32	1.51	1.92
	35	1.65	2.1
	38	1.79	2.28
	40	1.88	2.4
	44	2.07	2.64
	50	2.36	3
	65	3.06	3.9
	75	3.53	4.5
	90	4.24	5.4
	100	4.71	6
	125	5.89	7.5
	150	7.065	9
	175	8.24	10.5
	200	9.42	12
250	11.78	15	
300	14.13	18	
8	25	1.57	2
	32	2.01	2.56
	38	2.39	3.04
	44	2.76	3.52
	50	3.14	4
	65	4.08	5.2
	75	4.71	6
	90	5.65	7.2
100	6.28	8	
125	7.85	10	

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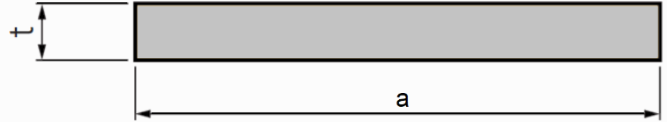
(Metric units)

Standard Sectional Dimension		Unit Weight	Sectional Area
t	a	M	A
mm	mm	Kg/m	cm <sup>2</sup>
8	150	9.42	12
	200	12.56	16
9	19	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	4.5
	65	4.59	5.85
	75	5.3	6.75
	90	6.36	8.1
	100	7.065	9
	125	8.83	11.3
	150	10.6	13.5
	180	12.72	16.2
	200	14.13	18
10	50	3.93	5
	65	5.1	6.5
	75	5.88	7.5
	125	9.8	12.5
	130	10.2	13
	150	11.77	15
12	25	2.36	3.7
	32	3.01	3.84
	38	3.58	4.56
	40	3.77	4.8
	44	4.14	5.28
	50	4.71	6

Standard Sectional Dimension		Unit Weight	Sectional Area
t	a	M	A
mm	mm	Kg/m	cm <sup>2</sup>
12	65	6.12	7.8
	75	7.065	9
	90	8.48	10.8
	100	9.42	12
	125	11.78	15
	150	14.13	18
	180	16.96	21.6
	200	18.84	24
	230	21.7	27.6
	250	23.55	30
16	300	28.26	36
	25	3.14	4
	32	4.02	5.12
	38	4.77	6.08
	44	5.53	7.04
	50	6.28	8
	65	8.16	10.4
	75	9.42	12
	90	11.3	14.4
	100	12.56	16
	125	15.7	20
	150	18.84	24
	200	25.12	32
	230	28.9	36.8
19	250	31.4	50
	280	35.2	44.8
	300	37.7	48
	38	5.67	7.2
	50	7.46	9.5
	65	9.69	12.4

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(Metric units)

Standard Sectional Dimension		Unit Weight	Sectional Area
t	a	M	A
mm	mm	Kg/m	cm <sup>2</sup>
19	75	11.19	14.3
	90	13.42	17.1
	100	14.92	19
	125	18.64	23.8
	150	22.37	28.5
	200	29.83	38
	250	37.29	47.5
	300	44.75	57
22	50	8.64	11
	65	11.2	14.3
	75	13	16.5
	90	15.5	19.8
	100	17.3	22
	125	21.6	27.5
	150	25.9	33
	180	31.1	39.6
	200	34.5	44
	230	39.7	50.6
	250	43.2	55
	280	48.4	61
25	50	9.81	12.5
	65	12.76	16.3
	75	14.72	18.8
	90	17.66	22.5
	100	19.63	25
	125	24.53	31.3
	130	25.51	32.5
	150	29.44	37.5
	180	35.3	45
	200	39.2	50

Standard Sectional Dimension		Unit Weight	Sectional Area
t	a	M	A
mm	mm	Kg/m	cm <sup>2</sup>
25	230	45.1	57.5
	250	49.1	62.5
	280	55	70
	300	58.87	75
28	100	22	28
	125	27.5	35
	150	33	42
	180	39.6	50.4
	200	44	56
	230	50.6	64.4
	250	55	70
32	280	61.5	78.4
	300	65.9	84
	100	25.1	32
	125	31.4	40
	150	37.7	48
	180	45.2	57.6
	200	50.2	64
	230	57.8	73.6
	250	62.8	80
	280	70.3	89.6
36	300	75.4	96
	100	28.3	36
	125	35.3	45
	150	42.4	54
	180	50.9	64.8
	200	56.5	72
	230	65	82.8
	250	70.6	90
	280	79.1	100.8
	300	84.8	108