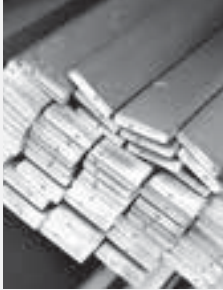


Merchant Bar



Merchant Bar

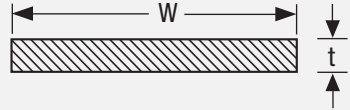


Mild Steel Flats

Product Shortname: FL

Specifications: AS3679-300
AS3679-350 (on indent only)
JIS G3101-SS400

Size Designation: Cross Sectional Area = width x thickness = mm²
Mass per Metre = w (mm) x t (mm) x 0.00785 = kg/m
Metres per Tonne = 1000 / kg/m = metres



Size Range Available:

Size (mm)	Mass per Metre (kg/m)	Size (mm)	Mass per Metre (kg/m)	Size (mm)	Mass per Metre (kg/m)	Size (mm)	Mass per Metre (kg/m)
13 x 3	0.31	50 x 5	1.96	80 x 6	3.77	150 x 16	18.84
16 x 3	0.38	50 x 6	2.36	80 x 10	6.28	150 x 20	23.55
16 x 6	0.75	50 x 8	3.14	80 x 12	7.54	150 x 25	29.44
20 x 3	0.47	50 x 10	3.93	*100 x 3	2.36	180 x 6	8.48
20 x 5	0.79	50 x 12	4.71	100 x 5	3.93	180 x 10	14.13
20 x 6	0.94	50 x 16	6.28	100 x 6	4.71	180 x 12	16.96
20 x 10	1.57	50 x 20	7.85	100 x 8	6.28	*200 x 3	4.71
25 x 3	0.59	50 x 25	9.81	100 x 10	7.85	200 x 6	9.42
25 x 5	0.98	60 x 6	2.83	100 x 12	9.42	200 x 8	12.56
25 x 10	1.96	60 x 10	4.71	100 x 16	12.56	200 x 10	15.70
25 x 12	2.36	60 x 12	5.65	100 x 20	15.70	200 x 12	18.84
30 x 5	1.18	65 x 3	1.53	100 x 25	19.63	200 x 16	25.12
30 x 10	2.36	65 x 5	2.55	130 x 6	6.12	200 x 20	31.41
32 x 3	0.75	65 x 16	8.16	130 x 10	10.21	200 x 25	39.25
32 x 6	1.51	65 x 25	12.76	130 x 12	12.25	*250 x 3	5.89
32 x 8	2.01	*75 x 3	1.77	130 x 16	16.33	250 x 6	11.78
32 x 10	2.51	75 x 5	2.94	130 x 20	20.41	250 x 10	19.63
40 x 3	0.94	75 x 8	4.71	130 x 25	25.51	250 x 12	23.55
40 x 5	1.57	75 x 10	5.89	*150 x 3	3.53	250 x 16	31.40
40 x 6	1.88	75 x 12	7.07	150 x 5	5.89	250 x 20	39.25
40 x 8	2.51	75 x 16	9.42	150 x 6	7.07	*300 x 3	7.07
40 x 10	3.14	75 x 20	11.78	150 x 8	9.42	300 x 6	14.13
40 x 12	3.77	75 x 25	14.72	150 x 10	11.78	300 x 10	23.55
40 x 16	5.02	75 x 40	23.55	150 x 12	14.13	300 x 12	28.26
50 x 3	1.18						

Standard stock length is 6 metres, except for the small 3mm flats (*) which are stocked in 2.4 metre lengths. 13 x 3 are stocked in 4 metre lengths. Other sizes, grades and lengths available on indent.

Straightness Tolerance: AS 3679-300; 2mm per metre.

Merchant Bar

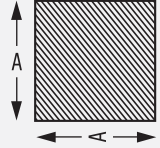


Mild Steel Squares

Product Shortname: FL

Specifications: AS 3679-300
AS 1442-1022 (billets)
BS 4360-43A
JIS G3101-SS400

Size Designations: Cross Sectional Area = width x thickness = mm²
Mass per metre = A(mm²) x 0.00785 = kg/m
Metres/tonne = $\frac{1000}{\text{kg/m}}$ = metres



Size Range Available:

Size (mm)	Mass per Metre (kg/m)
10 x 10	0.79
12 x 12	1.13
16 x 16	2.01
20 x 20	3.14
25 x 25	4.91
32 x 32	8.04

Size (mm)	Mass per Metre (kg/m)
40 x 40	12.57
45 x 45	15.91
50 x 50	19.64
65 x 65	33.19
75 x 75	44.18

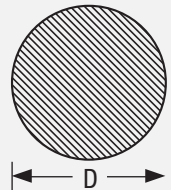
Available on indent. Standard stock length is 6 metres.

Mild Steel Engineering Rounds

Product Shortname: PB30, PB50, ER

Specifications: AS 3679-300
AS/NZS 4671-300
AS/NZS 4671-500 (on indent only)
BS 4360-43A
JIS G3101-SS400

Size Designations: Mass per Metre = (Diameter D (mm))² x 0.006165 = kg/m
By diameter Metres per Tonne = $\frac{1000}{\text{kg/m}}$ = metres



Size Range Available:

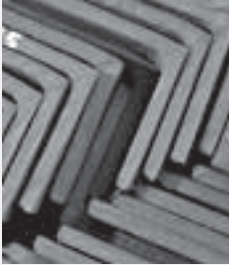
Size (mm)	Mass per Metre (kg/m)
6	0.222
8	0.395
10	0.617
12	0.888
16	1.578
20	2.466
24	3.551
25	3.853
28	4.834
33	6.714

Size (mm)	Mass per Metre (kg/m)
36	7.990
39	9.380
45	12.480
50	15.410
56	19.330
60	22.190
65	26.050
70	30.210
75	34.680
80	39.460

Size (mm)	Mass per Metre (kg/m)
90	49.940
100	61.650
110	74.600
120	88.780
130	104.200
140	120.800
150	138.700
160	157.800
200	246.600

Available on indent.

Standard stock length is 6 metres. Engineering rounds can be cut to length on request. See the Special Steel Book for more information. **Straightness Tolerance** AS3679-300 3mm per metre.

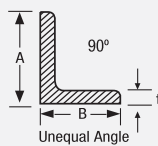
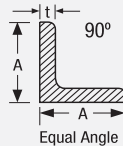


Mild Steel Angles

Product Shortname: ANG

Specifications: AS3679-300
AS 3679-350 (on indent only)
JIS G3101-SS400

Size Designations: Mass per Metre = area of section (m²) x 0.00785 = kg/m
Metres per Tonne = $\frac{1000}{\text{kg/m}}$ = metres



Size Range Available:

EQUAL ANGLES

Size (mm)	Mass per Metre (kg/m)	Size (mm)	Mass per Metre (kg/m)	Size (mm)	Mass per Metre (kg/m)
20 x 20 x 3	0.88	50 x 50 x 6	4.47	90 x 90 x 10	12.70
25 x 25 x 3	1.19	50 x 50 x 8	5.82	100 x 100 x 6	9.16
25 x 25 x 5	1.77	65 x 65 x 6	5.87	100 x 100 x 8	12.20
30 x 30 x 3	1.35	65 x 65 x 8	7.51	100 x 100 x 10	15.00
30 x 30 x 5	2.18	65 x 65 x 10	9.02	100 x 100 x 12	17.70
40 x 40 x 3	1.83	75 x 75 x 6	6.81	125 x 125 x 10	18.00
40 x 40 x 5	2.97	75 x 75 x 8	8.73	150 x 150 x 10	21.90
50 x 50 x 3	2.31	75 x 75 x 10	10.50	150 x 150 x 12	27.30
50 x 50 x 5	3.77	90 x 90 x 6	8.22	200 x 200 x 16	48.70

UNEQUAL ANGLES

Size (mm)	Mass per Metre (kg/m)	Size (mm)	Mass per Metre (kg/m)	Size (mm)	Mass per Metre (kg/m)
65 x 50 x 6	5.16	100 x 75 x 10	12.40	150 x 90 x 10	17.30
75 x 50 x 5	4.37	125 x 75 x 6	9.16	150 x 90 x 12	21.60
75 x 50 x 6	5.63	125 x 75 x 8	11.80	150 x 100 x 10	18.00
100 x 75 x 6	7.98	125 x 75 x 10	14.20	150 x 100 x 12	22.50
100 x 75 x 8	10.30	125 x 75 x 12	17.70		

Standard stock length is 6m, 9m for larger angles.
Straightness Tolerance AS 3679-300 2mm per metre.
Other sizes and lengths available on indent.

Merchant Bar



Hot-dip Galvanized Flats

Product Shortname: GFL

Specifications: TS100

Brand Name: Duragal®

Grade and Mechanical Properties:

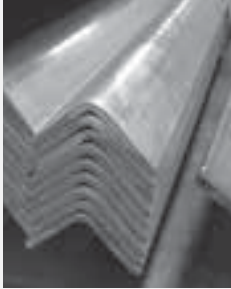
Actual Thickness t mm	Grade	Minimum Yield Stress MPa	Minimum Tensile Strength MPa
$t \leq 6.0$	C400LO	400	450
$t > 6.0$	C350LO	350	400

Size Range Available:

Size	Mass per Metre (kg/m)	Size	Mass per Metre (kg/m)	Size	Mass per Metre (kg/m)
50 x 4.0	1.49	100 x 5.0	3.69	200 x 6.0	9.42
50 x 5.0	1.84	100 x 6.0	4.71	200 x 8.0	12.60
65 x 4.0	1.94	100 x 8.0	6.28	250 x 5.0	9.22
65 x 5.0	2.40	130 x 5.0	4.80	250 x 8.0	15.70
75 x 4.0	2.24	150 x 5.0	5.53	300 x 5.0	11.10
75 x 5.0	2.77	150 x 6.0	7.07	300 x 8.0	18.80
90 x 6.0	4.24	150 x 8.0	9.42		
100 x 4.0	2.98	200 x 5.0	7.38		

Available on indent

Standard stock length is 6m. Other lengths available on indent



Hot-dip Galvanized Angles

Product Shortname: GANG

Specifications: TS100

Brand Name: Duragal®

Grade and Mechanical Properties:

Actual Thickness t mm	Grade	Minimum Yield Stress MPa	Minimum Tensile Strength MPa
$t \leq 6.0$	C450LO	450	500
$t > 6.0$	C400LO	400	450

Size Range Available:

EQUAL ANGLES					
Size (mm)	Mass per Metre (kg/m)	Size (mm)	Mass per Metre (kg/m)	Size (mm)	Mass per Metre (kg/m)
30 x 30 x 2.5	1.06	65 x 65 x 4.0	3.69	100 x 100 x 6.0	8.92
40 x 40 x 2.5	1.43	65 x 65 x 5.0	4.52	100 x 100 x 8.0	11.70
40 x 40 x 4.0	2.20	65 x 65 x 6.0	5.62	125 x 125 x 4.0	7.27
45 x 45 x 2.5	1.62	75 x 75 x 4.0	4.29	125 x 125 x 5.0	8.95
45 x 45 x 4.0	2.50	75 x 75 x 5.0	5.26	125 x 125 x 8.0	14.90
50 x 50 x 2.5	1.81	75 x 75 x 6.0	6.56	150 x 150 x 5.0	10.80
50 x 50 x 4.0	2.79	75 x 75 x 8.0	8.59	150 x 150 x 8.0	18.00
50 x 50 x 5.0	3.42	90 x 90 x 5.0	6.37		
50 x 50 x 6.0	4.21	90 x 90 x 8.0	10.50		

UNEQUAL ANGLES					
Size (mm)	Mass per Metre (kg/m)	Size (mm)	Mass per Metre (kg/m)	Size (mm)	Mass per Metre (kg/m)
75 x 50 x 4.0	3.54	100 x 75 x 8.0	10.20	150 x 100 x 6.0	11.30
75 x 50 x 5.0	4.34	125 x 75 x 6.0	8.92	150 x 100 x 8.0	14.90
100 x 75 x 6.0	7.74	125 x 75 x 8.0	11.70		

Available on indent

Standard stock length is 6m. Other lengths available on indent.

Merchant Bar



Hot-dip Galvanized Channels

Product Shortname: GCH

Specifications: TS100

Brand Name: Duragal®

Grade and Mechanical Properties:

Actual Thickness t mm	Grade	Minimum Yield Stress MPa	Minimum Tensile Strength MPa
t ≤ 6.0	C450LO	450	500
t > 6.0	C400LO	400	450

Size Range Available:

Size	Thickness	Length	Size	Thickness	Length	Size	Thickness	Length
75 x 40	4.0	6m, 9m	180 x 75	5.0	12m	250 x 90	6.0	12m
100 x 50	4.0	9m	200 x 75	5.0	12m	300 x 90	6.0	12m
125 x 65	4.0	9m	200 x 75	6.0	12m	300 x 90	8.0	12m
150 x 75	5.0	12m	230 x 75	6.0	12m			

Available on indent

Standard stock lengths listed.
Not all lengths listed available in all branches.
Other lengths are available on indent.