



ROUND BAR

Dia (in)	Weight per metre (Kg)	Dia (in)	Weight per metre (Kg)
1/4	0.09	2%	9.46
5/16	0.13	2 1/4	10.40
3/8	0.19	3	12.40
7/16	0.26	3 1/4	14.50
1/2	0.34	3 1/2	16.80
9/16	0.43	3 3/4	19.30
5/8	0.54	4	22.00
16mm	0.54	4 1/4	24.80
11/16	0.65	4 1/2	27.80
3/4	0.77	4 3/4	31.00
20mm	0.85	5	34.30
13/16	0.91	5 1/4	37.80
7/8	1.05	5 1/2	41.50
1	1.37	5 5/8	45.40
1 1/8	1.74	6	49.40
1 1/4	2.15	6 1/2	58.00
1 5/16	2.48	7	67.30
1 3/8	2.60	7 1/4	72.20
35mm	2.61	7 1/2	77.20
1 1/2	3.09	8	87.90
40mm	3.52	8 1/2	99.20
1 5/8	3.63	9	111.00
1 3/4	4.21	9 1/2	124.00
1 1/8	4.83	10	137.00
2	5.49	11	166.00
2 1/8	6.20	12	198.00
2 1/4	6.95	13	232.00
2 3/8	7.75	14	269.00
2 1/2	8.58	15	309.00
		16	352.00

MACHINING

We stock aluminium round bar in three machining alloys:

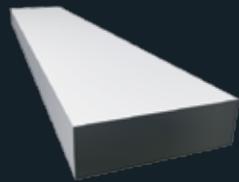
Alloy 6082 T6 Machines well and, with chip breakers, produces swarf in short tight coils.

Alloy 2011 T3/T6 Often referred to as 'FMA' (Free Machining Alloy), this is produced especially for use on automatic lathes. It offers exceptional machinability at high speeds and forms fine chips which are easily removed. It is particularly suitable for components with complex, detailed or extensive machining and can often replace 'free machining brass' without tool changes.

Alloy 6026 T6/T9 This may be used in place of Alloy 2011 in applications requiring higher corrosion resistance and better anodising response. It has excellent machinability and surface finishing characteristics.

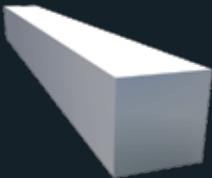
Size (in)	Weight per metre (Kg)
3/8 x 1/4	0.16
1/2 x 1/8	0.11
1/2 x 3/16	0.16
1/2 x 1/4	0.22
1/2 x 5/8	0.33
5/8 x 1/8	0.14
5/8 x 3/16	0.20
5/8 x 1/4	0.27
5/8 x 5/8	0.41
5/8 x 1/2	0.55
3/4 x 1/8	0.16
3/4 x 3/16	0.25
3/4 x 1/4	0.33
3/4 x 5/8	0.49
3/4 x 1/2	0.66
3/4 x 3/8	0.82
7/8 x 1/8	0.19
1 x 1/16	0.11
1 x 1/8	0.22
1 x 3/16	0.33
1 x 1/4	0.44
1 x 5/16	0.54
1 x 3/8	0.66
1 x 1/2	0.87
1 x 5/8	1.09
1 x 3/4	1.31
1 1/4 x 1/8	0.27
1 1/4 x 3/16	0.41
1 1/4 x 1/4	0.55
1 1/4 x 5/8	0.82
1 1/4 x 1/2	1.09
1 1/4 x 5/8	1.37
1 1/4 x 3/4	1.64
1 1/4 x 1	2.19
1 1/2 x 1/8	0.33
1 1/2 x 3/16	0.49
1 1/2 x 1/4	0.66
1 1/2 x 5/8	0.98
1 1/2 x 1/2	1.31
1 1/2 x 5/8	1.64
1 1/2 x 3/4	1.97
1 1/2 x 1	2.62
1 1/2 x 1 1/4	3.28
1 3/4 x 1/4	0.76
1 3/4 x 5/8	1.15
1 3/4 x 1/2	1.53

Size (in)	Weight per metre (Kg)
1 3/4 x 3/4	2.29
1 3/4 x 1	3.06
1 3/4 x 1 1/4	3.82
2 x 1/8	0.44
2 x 3/16	0.66
2 x 1/4	0.87
2 x 3/8	1.31
2 x 1/2	1.75
2 x 5/8	2.19
2 x 3/4	2.62
2 x 1	3.50
2 x 1 1/4	4.37
2 x 1 1/2	5.25
2 1/2 x 3/16	0.82
2 1/2 x 1/4	1.09
2 1/2 x 3/8	1.64
2 1/2 x 1/2	2.19
2 1/2 x 3/4	3.28
2 1/2 x 1	4.37
2 1/2 x 1 1/2	6.56
2 1/2 x 2	8.74
3 x 1/8	0.66
3 x 3/16	0.98
3 x 1/4	1.31
3 x 3/8	1.97
3 x 1/2	2.62
3 x 5/8	3.28
3 x 1	5.25
3 x 2	10.50
3 1/2 x 1/4	1.52
3 1/2 x 1/2	3.04
4 x 1/8	0.87
4 x 3/16	1.30
4 x 1/4	1.75
4 x 3/8	2.62
4 x 1/2	3.50
4 x 5/8	4.37
4 x 3/4	5.25
4 x 1	6.99
4 x 1 1/4	8.74
4 x 2	14.00
5 x 1/4	2.19
5 x 1/2	4.37
6 x 1/4	2.62
6 x 3/8	3.93
6 x 1/2	5.25
6 x 1	10.50



FLAT BAR
Alloy 6082-T6 or
6063-T6/6063A-T6

aluminium extrusions



SQUARE BAR

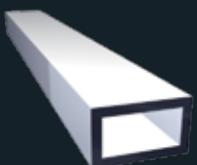
Alloy 6082-T6



BOX SECTION

SQUARE

Alloy 6063-T6 or
6082-T6



BOX SECTION

RECTANGULAR

Available in one or more
of the following Alloys

6082-T6

6063-T6

6063A-T6

Size (in)	Weight per metre (Kg)
1/4	0.11
5/16	0.17
3/8	0.25
1/2	0.44
5/8	0.68
3/4	0.98
7/8	1.34
1	1.75

Size (in)	Weight per metre (Kg)
1 1/4	2.73
1 1/2	3.93
1 3/4	5.35
2	6.99
2 1/2	10.90
3	15.70
3 1/2	21.40
4	28.00

Size (in)	Weight per metre (Kg)
1/2 x 1/2 x 16 swg	0.20
3/4 x 3/4 x 16 swg	0.31
1 x 1 x 16 swg	0.42
1 x 1 x 10 swg	0.78
1 1/4 x 1 1/4 x 16 swg	0.53
1 1/4 x 1 1/4 x 10 swg	1.00
1 1/2 x 1 1/2 x 16 swg	0.64
1 1/2 x 1 1/2 x 10 swg	1.23

Size (in)	Weight per metre (Kg)
1 1/4 x 1 1/4 x 10 swg	1.45
50 x 50 x 1.5mm	0.79
50 x 50 x 3.0mm	1.52
75 x 75 x 1.5mm	1.19
2 x 2 x 16 swg	0.87
2 x 2 x 10 swg	1.68
2 x 2 x 1/4	3.06
2 1/2 x 2 1/2 x 10 swg	2.12
3 x 3 x 10 swg	2.57
4 x 4 x 10 swg	3.47
4 x 4 x 1/4	6.56
100 x 100 x 1.5mm	1.60
150 x 150 x 3.0mm	4.76

Size (in)	Weight per metre (Kg)
1 1/2 x 3/4 x 1 1/16	0.48
1 1/2 x 1 x 16 swg	0.53
50 x 25 x 3.0mm	1.12
1 1/2 x 1 x 10 swg	1.00
2 x 1 x 10 swg	1.22
2 x 1 1/2 x 10 swg	1.45
3 x 1 x 10 swg	1.67
3 x 1 1/2 x 10 swg	1.90

Size (in)	Weight per metre (Kg)
3 x 2 x 10 swg	2.11
4 x 1 x 10 swg	2.12
4 x 1 1/4 x 10 swg	2.45
4 x 2 x 10 swg	2.56
6 x 2 x 10 swg	3.40
6 x 3 x 3/8	10.80

Size (in)	Weight per metre (Kg)
3/8 o/d x 16 swg	0.11
1/2 o/d x 18 swg	0.12
1/2 o/d x 16 swg	0.15
1/2 o/d x 10 swg	0.26
5/8 o/d x 18 swg	0.15
5/8 o/d x 16 swg	0.20
5/8 o/d x 10 swg	0.35
3/4 o/d x 18 swg	0.19
3/4 o/d x 16 swg	0.24
3/4 o/d x 10 swg	0.44
7/8 o/d x 18 swg	0.22
7/8 o/d x 16 swg	0.29
7/8 o/d x 10 swg	0.53
1 o/d x 18 swg	0.25
1 o/d x 16 swg	0.33
1 o/d x 10 swg	0.61
1 o/d x 3/16	0.83
1 o/d x 1/4	1.03
1 1/8 o/d x 16 swg	0.37
1 1/8 o/d x 10 swg	0.70
1 1/4 o/d x 18 swg	0.32
1 1/4 o/d x 16 swg	0.42
1 1/4 o/d x 10 swg	0.79
1 1/4 o/d x 3/16	1.08
1 3/8 o/d x 16 swg	0.46
1 3/8 o/d x 10 swg	0.88
1 1/2 o/d x 18 swg	0.38
1 1/2 o/d x 16 swg	0.50
1 1/2 o/d x 10 swg	0.96
1 1/2 o/d x 3/16	1.35
1 1/2 o/d x 1/4	1.71
1 5/8 o/d x 16 swg	0.55
1 5/8 o/d x 10 swg	1.05
1 5/8 o/d x 3/16	1.48

Size (in)	Weight per metre (Kg)
1 3/4 o/d x 16 swg	0.59
1 3/4 o/d x 10 swg	1.14
1 1/8 o/d x 10 swg	1.23
2 o/d x 1.5mm	0.63
2 o/d x 3.0mm	1.22
2 o/d x 16 swg	0.68
2 o/d x 10 swg	1.32
2 o/d x 3/16	1.86
2 o/d x 1/4	2.39
2 1/4 o/d x 16 swg	0.77
2 1/4 o/d x 10 swg	1.49
2 1/2 o/d x 16 swg	0.86
2 1/2 o/d x 10 swg	1.67
2 1/2 o/d x 3/16	2.38
2 1/2 o/d x 1/4	3.08
2 1/2 o/d x 3/8	4.36
2 3/4 o/d x 10 swg	1.84
3 o/d x 1.5mm	0.95
3 o/d x 3.0mm	1.86
3 o/d x 16 swg	1.03
3 o/d x 10 swg	2.02
3 o/d x 3/16	2.90
3 o/d x 1/4	3.76
3 1/2 o/d x 16 swg	1.21
3 1/2 o/d x 10 swg	2.37
3 1/2 o/d x 1/4	4.46
4 o/d x 1.5mm	1.27
4 o/d x 3.0mm	2.51
4 o/d x 16 swg	1.38
4 o/d x 10 swg	2.72
4 o/d x 1/4	5.15
4 1/2 o/d x 10 swg	3.07
4 1/2 o/d x 1/4	5.83
5 o/d x 10 swg	3.43
5 o/d x 1/4	6.52
6 o/d x 10 swg*	4.13
6 o/d x 1/4	7.90
6 1/2 o/d x 1/4	8.58
100mm o/d x 2.0mm	1.66
150mm o/d x 2.0mm	2.51
152mm o/d x 2.5mm	3.17



TUBE

Available in one or more of the following alloys

6082-T6

6063-T6

6063A-T6

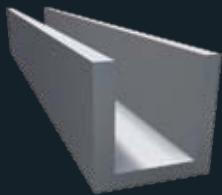


Scaffold

TUBE

Size (in)	Weight per metre (Kg)
1 29/32 o/d x 7 swg	1.53

Scaffold Tube is drift tested to BS 1139



CHANNEL

Available in one or more of the following alloys
6082-T6
6063-T6
6063A-T6

Size (in)	Weight per metre (Kg)	Size (in)	Weight per metre (Kg)
$\frac{3}{8} \times \frac{3}{8} \times \frac{1}{16}$	0.11	$2 \times \frac{1}{2} \times \frac{1}{8}$	0.60
$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{16}$	0.15	$2 \times 1 \times \frac{1}{8}$	0.82
$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$	0.27	$2 \times 1 \times \frac{3}{16}$	1.22
$\frac{5}{8} \times \frac{5}{8} \times \frac{1}{16}$	0.19	$2 \times 1 \times \frac{1}{4}$	1.52
$\frac{5}{8} \times \frac{5}{8} \times \frac{1}{8}$	0.36	$2 \times 1\frac{1}{2} \times \frac{1}{8}$	1.03
$\frac{3}{4} \times \frac{3}{4} \times \frac{1}{16}$	0.24	$2 \times 1\frac{1}{2} \times \frac{1}{4}$	1.97
$\frac{3}{4} \times \frac{3}{4} \times \frac{1}{8}$	0.49	$2 \times 2 \times \frac{1}{8}$	1.26
$\frac{7}{8} \times \frac{7}{8} \times \frac{1}{8}$	0.52	$2 \times 2 \times \frac{3}{16}$	1.83
$1 \times \frac{1}{2} \times \frac{1}{8}$	0.38	$2 \times 2 \times \frac{1}{4}$	2.40
$1 \times \frac{3}{4} \times \frac{1}{8}$	0.49	$2\frac{1}{4} \times 1\frac{1}{4} \times \frac{3}{16}$	1.43
$1 \times 1 \times \frac{1}{16}$	0.31	$2\frac{1}{2} \times 1 \times \frac{1}{8}$	0.93
$1 \times 1 \times \frac{1}{8}$	0.60	$2\frac{1}{2} \times 1\frac{1}{4} \times \frac{3}{16}$	1.52
$1\frac{1}{4} \times \frac{3}{4} \times \frac{1}{8}$	0.55	$3 \times 1 \times \frac{1}{8}$	1.04
$1\frac{1}{4} \times 1 \times \frac{1}{8}$	0.66	$3 \times 1\frac{1}{2} \times \frac{1}{8}$	1.26
$1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{8}$	0.76	$3 \times 1\frac{1}{2} \times \frac{3}{16}$	1.84
$1\frac{1}{2} \times \frac{3}{4} \times \frac{1}{8}$	0.60	$3 \times 1\frac{1}{2} \times \frac{1}{4} \times \frac{5}{16}$	2.66
$1\frac{1}{2} \times 1 \times \frac{1}{8}$	0.71	$3 \times 2 \times \frac{1}{8}$	1.48
$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{8}$	0.93	$3 \times 2 \times \frac{3}{16}$	2.17
$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$	1.74	$3 \times 2 \times \frac{1}{4}$	2.84
$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{16} \times \frac{3}{16}$	1.35	$3\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4} \times \frac{5}{16}$	2.90
$1\frac{3}{4} \times 1 \times \frac{1}{8}$	0.76	$4 \times 2 \times \frac{1}{8}$	1.69
		$4 \times 2 \times \frac{1}{4} \times \frac{5}{16}$	3.66
		$5 \times 2 \times \frac{1}{4} \times \frac{5}{16}$	4.08
		$6 \times 2 \times \frac{1}{4} \times \frac{5}{16}$	4.53
		$6 \times 3 \times \frac{1}{4} \times \frac{3}{8}$	6.21
		$6 \times 3 \times \frac{3}{8} \times \frac{1}{2}$	8.49
		$8 \times 3 \times \frac{3}{8} \times \frac{1}{2}$	9.80

*Dimensions are in the order:
base x leg x base thickness x leg thickness*

Size (in)	Weight per metre (Kg)
$\frac{3}{4} \times \frac{3}{4} \times \frac{1}{8}$	0.30
$1 \times 1 \times \frac{1}{8}$	0.41
$1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{8}$	0.52
$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{8}$	0.63
$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{16}$	0.92
$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$	1.20

Size (in)	Weight per metre (Kg)
$2 \times 1 \times \frac{1}{8}$	0.63
$2 \times 2 \times \frac{1}{8}$	0.85
$2 \times 2 \times \frac{3}{16}$	1.25
$2 \times 2 \times \frac{1}{4}$	1.64
$3 \times 3 \times \frac{1}{4}$	2.51

Dimensions are in the order: upright x cross x thickness

Size (in)	Weight per metre (Kg)
$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{16}$	0.10
$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$	0.19
$\frac{5}{8} \times \frac{5}{8} \times \frac{1}{16}$	0.13
$\frac{5}{8} \times \frac{5}{8} \times \frac{1}{8}$	0.25
$\frac{3}{4} \times \frac{3}{4} \times \frac{1}{16}$	0.16
$\frac{3}{4} \times \frac{3}{4} \times \frac{1}{8}$	0.30
$\frac{7}{8} \times \frac{7}{8} \times \frac{1}{8}$	0.36
$25 \times 25 \times 3.0$	0.38
$1 \times 1 \times \frac{1}{16}$	0.21
$1 \times 1 \times \frac{1}{8}$	0.41
$1 \times 1 \times \frac{3}{16}$	0.59
$1 \times 1 \times \frac{1}{4}$	0.76
$1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{16}$	0.27
$1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{8}$	0.52
$1\frac{1}{4} \times 1\frac{1}{4} \times \frac{3}{16}$	0.76
$1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{4}$	0.98
$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{16}$	0.32
$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{8}$	0.63
$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{16}$	0.92

Size (in)	Weight per metre (Kg)
$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$	1.20
$1\frac{3}{4} \times 1\frac{3}{4} \times \frac{1}{8}$	0.74
$1\frac{3}{4} \times 1\frac{3}{4} \times \frac{3}{16}$	1.09
$1\frac{3}{4} \times 1\frac{3}{4} \times \frac{1}{4}$	1.42
$50 \times 50 \times 3.0$	0.79
$2 \times 2 \times \frac{1}{16}$	0.43
$2 \times 2 \times \frac{1}{8}$	0.85
$2 \times 2 \times \frac{3}{16}$	1.25
$2 \times 2 \times \frac{1}{4}$	1.64
$2 \times 2 \times \frac{3}{8}$	2.38
$2\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{8}$	1.06
$2\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{16}$	1.58
$2\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{4}$	2.08
$3 \times 3 \times \frac{1}{8}$	1.28
$3 \times 3 \times \frac{3}{16}$	1.91
$3 \times 3 \times \frac{1}{4}$	2.51
$3 \times 3 \times \frac{3}{8}$	3.69
$4 \times 4 \times \frac{1}{4}$	3.39
$4 \times 4 \times \frac{3}{8}$	5.00
$6 \times 6 \times \frac{1}{2}$	10.00

TEE SECTION

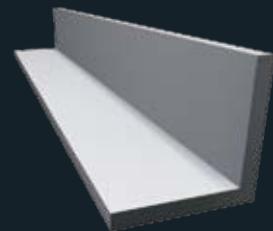
Alloy 6082-T6 or
6063A-T6

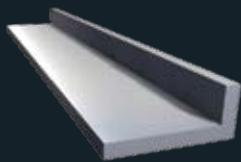


EQUAL ANGLE

Available in one
or more of the
following alloys

6082-T6
6063-T6
6063A-T6





UNEQUAL ANGLE

Available in one or more of the following alloys
6082-T6
6063-T6
6063A-T6

Size (in)	Weight per metre (Kg)	Size (in)	Weight per metre (Kg)
¾ x ½ x ¼₁₆	0.13	2 x 1 x ¼	1.20
¾ x ½ x ⅛	0.25	2 x 1½ x ¼	0.74
1 x ½ x ¼₁₆	0.15	2 x 1½ x ¾₁₆	1.09
1 x ½ x ⅛	0.30	2 x 1½ x ¼	1.42
1 x ½ x ⅛	0.33	2½ x 1 x ¼	0.73
1 x ¾ x ¼₁₆	0.18	2½ x 1½ x ¼	0.85
1 x ¾ x ⅛	0.36	2½ x 1½ x ¾₁₆	1.25
1¼ x ½ x ⅛	0.36	2½ x 1½ x ¼	1.64
1¼ x ¾ x ⅛	0.41	3 x 1 x ¼	0.85
1¼ x 1 x ⅛	0.47	3 x 1 x ¼	1.64
1½ x ½ x ⅛	0.41	3 x 1½ x ¼	0.96
1½ x ¾ x ⅛	0.46	3 x 1½ x ¾₁₆	1.40
1½ x 1 x ⅛	0.52	3 x 1½ x ¼	1.86
1¾ x 1 x ⅛	0.57	3 x 2 x ¼	1.07
50 x 25 x 3.0	0.59	3 x 2 x ¾₁₆	1.58
2 x ½ x ¼	0.52	3 x 2 x ¼	2.08
2 x ¾ x ¼	0.57	4 x 1 x ¼	1.06
2 x 1 x ¼	0.63	4 x 2 x ¼	1.28
2 x 1 x ¾₁₆	0.92	4 x 2 x ¼	2.51
		4 x 3 x ¼	2.95
		6 x 3 x ¾	5.63

METRIC ISO TUBE 304L AND 316L

Weight per metre (kg) for given Wall Thickness in mm

OD	1.5mm	2.0mm	3.0mm
28	0.99		
38	1.37		
43	1.56		
44.5		2.13	
53	1.93		
54		2.40	
69		3.35	
83	3.06		
84		3.90	
103	3.81		
104		5.12	
129		6.36	
153	5.69		
154		7.61	
204		10.12	
(206)			15.25
254		15.79	
256			19.01
304		15.12	
(355.6)			26.49
406.4			30.30
(508)			37.94
(609.6)			45.57

METRIC WELDED TUBE



Sizes in brackets
are currently
available in 304L
only.

The Metric Fittings Range Includes

- 45° & 90° Elbows – Radius D+100
- 45° & 90° Elbows – Radius 1.5D
- Pulled Equal Tees
- Pulled Reducing Tees
- Concentric Reducers
- Eccentric Reducers
- Pressed Collars
- Pressed End Caps
- Mild Steel Backing Flanges – Zinc Plated

Weights

All weights shown in this publication are for guidance only. They are calculated using nominal dimensions and are scientifically recognised densities. Please note that in practice, the actual weight can vary significantly from the theoretical weight due to variations in manufacturing tolerances and compositions.

The information contained herein is based on our present knowledge and experience and is given in good faith. However, no liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

As the products detailed herein may be used for a wide variety of purposes and as the Company has no control over their use, the Company specifically excludes all conditions and warranties expressed or implied by statute or otherwise as to dimensions, properties and/or their fitness for any particular purpose. Any advise given by the Company to any third party is given for that party's assistance only and without any liability on the part of the Company.

Any contract between the Company and the customer will be subject to the Company's Conditions of Sale. The extent of the Company's liabilities to any customer is clearly set out in those Conditions; a copy of which is available on request.

