

LA

LA Metals

Excellence in Aluminium

www.lametals.co.uk



LA Metals

What we do...

DELIVERY

Same/Following day delivery by our own transport.

FABRICATION

Including drilling, countersinking and pressings.

CUTTING

All stock items can be cut to customer requirements.

FINISHING

Anodising, Powder Coating and Polishing.

BESPOKE SECTIONS

Bespoke Extrusions can be produced and held in stock for individual customer call off.

We are a leading Independent Aluminium Stockholder who excel in providing an unrivalled consistent all round service, whilst maintaining our competitive pricing coupled with personal service from our highly motivated professional staff.

Whatever your requirement, extrusion, finish, quality or length we can help and provide solutions to you as a valued customer - please contact our sales staff who are ready to help!

Call our sales team on 0121 553 6846

sales@lametals.co.uk www.lametals.co.uk

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CONVERSION FACTORS IMPERIAL/METRIC

To convert	Multiply by
Inches to millimetres	25.40
Feet to metres	0.3048
Yards to metres	0.914
Square inches to square centimetres	6.4516
Square feet to square metres	0.092903
Cubic inches to cubic centimetres	16.3871
Cubic feet to cubic metres	0.028317
Cubic yards to cubic metres	0.764555
Pounds to kilograms	0.453592
Tons to tonnes (1000kg)	1.01605
Lb/sq. inch to kg/sq. metre	703.070

CONVERSION FACTORS METRIC/IMPERIAL

To convert	Multiply by
Millimetres to inches	0.0393701
Metres to feet	3.28084
Metres to yards	1.09361
Square centimetres to square inches	0.1550
Square metres to square feet	10.73391
Square metres to square yards	1.19599
Cubic centimetres to cubic inches	0.061024
Cubic metres to cubic feet	35.3147
Cubic metres to cubic yards	1.30795
Kilograms to pounds	2.20462
Tonnes (1000kg) to tons	0.984207
Kg/sq. metre to lb/sq. inch	0.001422

CONVERSION TABLES

inches		mm	inches		mm	standard wire gauge		
fractions	decimals		fractions	decimals		swg	inch	mm
1/64	.0156	0.396	33/64	.5156	13.096	1	.300	7.620
1/32	.0312	0.793	17/32	.5312	13.493	2	.276	7.010
3/64	.0469	1.190	35/64	.5469	13.890	3	.252	6.400
1/16	.0625	1.587	9/16	.5625	14.287	4	.232	5.892
5/64	.0781	1.984	37/64	.5781	14.684	5	.212	5.349
3/32	.0938	2.381	19/32	.5938	15.081	6	.192	4.877
7/64	.1094	2.778	39/64	.6094	15.478	7	.176	4.470
1/8	.125	3.175	5/8	.6250	15.875	8	.160	4.064
9/64	.1406	3.571	41/64	.6406	16.271	9	.144	3.658
5/32	.1562	3.968	21/32	.6562	16.668	10	.128	3.251
11/64	.1719	4.365	43/64	.6719	17.065	11	.116	2.946
3/16	.1875	4.762	11/16	.6875	17.462	12	.104	2.642
13/64	.2031	5.159	45/64	.7031	17.859	13	.092	2.337
7/32	.2188	5.556	23/32	.7188	18.256	14	.080	2.032
15/64	.2344	5.953	47/64	.7344	18.653	15	.072	1.829
1/4	.2500	6.350	3/4	.7500	19.050	16	.064	1.626
17/64	.2656	6.746	49/64	.7656	19.446	17	.056	1.422
9/32	.2812	7.143	25/32	.7812	19.843	18	.048	1.219
19/64	.2969	7.540	51/64	.7969	20.240	19	.040	1.016
5/16	.3125	7.937	13/16	.8125	20.627	20	.036	0.914
21/64	.3281	8.334	53/64	.8281	21.034	21	.032	0.813
11/32	.3438	8.731	27/32	.8438	21.431	22	.028	0.711
23/64	.3594	9.128	55/64	.8594	21.828	23	.024	0.610
3/8	.3750	9.525	7/8	.8750	22.225	24	.022	0.559
25/64	.3906	9.921	57/64	.8906	22.621	25	.020	0.508
13/32	.4062	10.318	29/32	.9062	23.018	26	.018	0.457
27/64	.4219	10.715	59/64	.9219	23.415			
7/16	.4375	11.112	15/16	.9375	23.812			
29/64	.4531	11.509	61/64	.9531	24.209			
15/32	.4688	11.906	31/32	.9688	24.606			
31/64	.4844	12.303	63/64	.9844	25.003			
1/2	.5000	12.700	1	1.0000	25.400			

SPECIFICATIONS MECHANICAL PROPERTIES

SPECIFICATIONS				MECHANICAL PROPERTIES				
BS 1470/4		Related International		Available Form	0.2% Proof Stress hbar	Tensile Strength hbar	Elongation % on 50mm	Typical Hardness Brinell
S1A	O	1080A	O	Sheet	–	9.0 max	29 – 35	19
	H4		H4	Sheet	–	0.5 – 12.0	5 – 8	29
S1B	H4	1050A	H4	Sheet	–	10.0 – 13.5	4 – 8	30
T1B	H8		H8	Tube	–	13.5	–	30
E1E	H2		H2	Extrusion	–	8.5	13	24
S1C	O	1200	O	Sheet	–	7.0 – 10.5	20 – 30	22
	H4		H4	Sheet	–	11.0 – 14.0	3 – 6	34
	H8		H8	Sheet	–	14.0	2 – 4	42
E1C	M		M	Extrusion	–	6.0	18	23
T1C	H8		H8	Tube	–	14.0	–	34
NS3	H4	3103	H4	Sheet	–	14.0 – 17.5	3 – 7	44
NS4	M	5251	M	Plate	–	18.5	12 – 15	53
	O		O	Sheet	6.0	16.0 – 20.0	18 – 20	45
	H3		H3	Sheet	13.0	20.0 – 24.0	4 – 8	62
	H6		H6	Sheet	17.5	22.5 – 27.5	3 – 5	70
NT4	O		O	Tube	6.0	16.0 – 20.0	18	45
NS41 (AAQ5)	H4	5005	H4	Sheet	–	15.5 – 18.5	7	–
NS8	M	5083	M	Plate	13.0	27.5	–	77
	O		O	Sheet	12.5	27.5 – 35.0	12 – 16	72
	H2		H2	Sheet	23.5	31.0 – 37.5	5 – 10	95
HE9	M	6063	M	Extrusion	–	10.0	12	35
	TB		T4	Extrusion	7.0	13.0	14	55
	TE		T5	Extrusion	11.0	15.0	7	65
	TF		T6	Extrusion	13.0 – 16.0	15.0 – 18.5	7	80
HT9	TF		T6	Tube	18.0	20.0	8	80
E91E	TF	6101A	T6	Extrusion	17.5	20.0	7	70
HS30	TB	6082	T4	Sheet	11.5 – 12.0	20.0	15	65
	TF		T6	Sheet	24.0 – 25.5	29.5	8	100
HE30	TB		T4	Extrusion	10.5 – 12.0	17.0 – 19.0	14	65
	TF		T6	Extrusion	24.0 – 27.0	28.0 – 31.0	7	100
HT30	TF		T6	Tube	24.0 – 25.5	31.0	8	100
HS15	TB	2014	T4	Sheet	24.5	38.5	13 – 14	115
	TF		T6	Sheet	34.5 – 38.0	42.0 – 44.0	6 – 9	135
HE15	TB		T4	Extrusion	23.0 – 25.0	37.0 – 39.0	10	115
	TF		T6	Extrusion	37.0 – 43.5	43.5 – 48.0	6	135
FC1	TD	2011	T3	Extrusion	23.0 – 25.5	29.5 – 31.0	6	95
	TF		T6	Extrusion	19.5 – 22.5	29.5 – 31.0	8	100

DESIGNATION NON-HEAT TREATED ALLOYS

M	As manufactured	H4	Half hard	T4	Solution treated and naturally aged
O	Soft	H6	Half hard	T5	Precipitation treated
H2	Quarter Hard	H8	Fully hard	T6	Solution and precipitation treated
H3	Quarter Hard			TD	Solution treated, cold worked and naturally aged

GENERAL CHARACTERISTICS

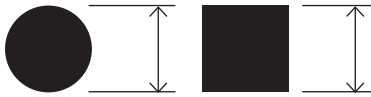
Cold Forming	Machining	Durability	Inert Gas Shielded Arc (MIG or TIG)	Resistance (Spot, Seam, Flash, Stud)	General Description
E V	F	E	E	G	99.8% Purity. Very malleable. Excellent corrosion resistance.
V F	F G	V	E	V	9.5% Purity. Malleable. Good corrosion resistance.
V	F	V	E	V	Electrical Purity. Very good conductivity.
E V F E F	F F G F G	V	E	V	99% Purity. Commercial grade, normally the cheapest form, used where strength is not important.
V	F	V	E	E	Slightly stronger than pure aluminium, other properties similar.
V V G G V	G G G V G	V	V	E	Medium strength alloy, work hardens rapidly. Resistant to marine atmosphere.
G	G	V	V	V	Architectural anodising quality.
G G F	E E E	V V F	E	E	Higher strength than 5251 while retaining corrosion resistance.
E V G F F	G G G V V	G V G G G	V	V	Medium strength alloy for architectural extrusions. Very good for complicated shapes, corrosion resistance and anodising.
G	V	G	V	V	Medium strength with good electrical conductivity.
G F G F F	V E V E E	V G V G G	V	V	Structural alloy with good strength and corrosion resistance.
G F G F	E	P	N	E	High strength alloy, low corrosion resistance.
F	E	P	N	N	Free-cutting alloy for use in automatic lathes.

MATERIALS ARE GRADED THUS

E	Excellent	F	Fair
V	Very good	P	Poor
G	Good	N	Not recommended

STANDARD TOLERANCES TO BS EN 755

ROUND & SQUARE BARS



WIDTH/DIAMETER		TOLERANCE
OVER	UP TO & INC	MM
8	18	+/- 0.22
18	25	+/- 0.25
25	40	+/- 0.30
40	50	+/- 0.35
50	65	+/- 0.40
65	80	+/- 0.45
80	100	+/- 0.55

ROUND TUBES



DIAMETER (OD or ID)		TOLERANCE
OVER	UP TO & INC	MM
8	18	+/- 0.60
18	30	+/- 0.70
30	50	+/- 0.90
50	80	+/- 1.10
80	120	+/- 1.40
120	200	+/- 2.00
200	350	+/- 3.00

TOLERANCES ON WALL THICKNESS

NOMINAL THICKNESS		TOLERANCE	
OVER	UP TO & INC	OD<150	OD>150
-	3	+/- 0.70	+/- 0.90
3	5	+/- 0.60	+/- 0.80
5	-	+/- 0.50	+/- 0.70

SQUARE & RECTANGULAR HOLLOW SECTIONS



WIDTH, DEPTH OR WIDTH ACROSS FLATS		TOLERANCE ON WIDTH, DEPTH OR ACROSS FLATS			
OVER	UP TO & INC	CD ≤ 100		100 < CD ≤ 200	
		Alloy 1	Alloy 2	Alloy 1	Alloy 2
-	10	+/- 0.25	+/- 0.40	+/- 0.30	+/- 0.50
10	25	+/- 0.30	+/- 0.50	+/- 0.40	+/- 0.70
25	50	+/- 0.50	+/- 0.80	+/- 0.60	+/- 0.90
50	100	+/- 0.70	+/- 1.00	+/- 0.90	+/- 1.20
100	150	-	-	+/- 1.10	+/- 1.50
150	200	-	-	+/- 1.30	+/- 1.90

Note: Alloy 1 = 6060, 6063 & 6005 Alloy. Alloy 2 = 6082 Alloy

TOLERANCES ON WALL THICKNESSES

NOMINAL WALL THICKNESS		TOLERANCE ON WALL THICKNESS FOR CD			
OVER	UP TO & INC	CD ≤ 100		100 < CD ≤ 300	
		Alloy 1	Alloy 2	Alloy 1	Alloy 2
0.5	1.5	+/- 0.20	+/- 0.30	+/- 0.30	+/- 0.40
1.5	3	+/- 0.25	+/- 0.35	+/- 0.40	+/- 0.50
3	6	+/- 0.40	+/- 0.55	+/- 0.60	+/- 0.70
6	10	+/- 0.60	+/- 0.75	+/- 0.80	+/- 1.00
10	15	+/- 0.80	+/- 1.00	+/- 1.00	+/- 1.30
15	20	+/- 1.20	+/- 1.50	+/- 1.50	+/- 1.80

CONCAVITY/CONVEXITY

SQUARE & RECTANGULAR HOLLOW SECTIONS

WIDTH w		MAX ALLOWANCE DEV	
OVER	UP TO & INC	THK≤5mm	THK>5mm
-	3	0.30	0.20
30	60	0.40	0.30
60	100	0.60	0.40
100	150	0.90	0.60
150	200	1.20	0.80

RECTANGULAR BARS



WIDTH w		TOLERANCE w		THICKNESS 'T' TOLERANCE				
OVER	UP TO & INC	MM		2≤T≤6	6<T≤10	10<T≤18	18<T≤30	30<T≤50
10	18	+/- 0.25	+/- 0.20	+/- 0.25	+/- 0.25			
18	30	+/- 0.30	+/- 0.20	+/- 0.25	+/- 0.30	+/- 0.30		
30	50	+/- 0.40	+/- 0.25	+/- 0.25	+/- 0.30	+/- 0.35	+/- 0.40	
50	80	+/- 0.60	+/- 0.25	+/- 0.30	+/- 0.35	+/- 0.40	+/- 0.50	
80	120	+/- 0.80	+/- 0.30	+/- 0.35	+/- 0.40	+/- 0.45	+/- 0.60	
120	180	+/- 1.00	+/- 0.40	+/- 0.45	+/- 0.50	+/- 0.55	+/- 0.60	
180	240	+/- 1.40		+/- 0.55	+/- 0.60	+/- 0.65	+/- 0.70	

CONCAVITY/CONVEXITY RECTANGULAR BARS

WIDTH w		TOLERANCE
OVER	UP TO & INC	+/- MM
>10	30	0.2
30	50	0.3
50	80	0.4
80	120	0.6
120	180	0.9
180	240	1.2
240	350	1.5

PLAIN ALUMINIUM SHEET AND PLATE

	2000 X 1000	2500 X 1250	3000 X 1500	4000 X 2000	Kgs/M2
.5mm	2.7	4.22	N/A	N/A	1.35
.7mm	3.79	5.91	N/A	N/A	1.89
1.0mm	5.4	8.44	N/A	N/A	2.70
1.2mm	6.5	10.16	N/A	N/A	3.25
1.5mm	8.13	12.7	18.29	32.52	4.07
2.0mm	10.8	16.88	24.30	43.20	5.4
2.5mm	13.55	21.17	30.49	54.2	6.78
3.0mm	16.2	25.31	36.45	64.8	8.1
4.0mm	21.68	33.88	48.78	86.72	10.84
5.0mm	27	42.19	60.75	108	13.5
6.0mm	32.52	50.81	73.17	130.08	16.26
10mm	54.2	84.7	121.95	N/A	27.1
12mm	65.06	101.66	146.38	N/A	32.53
15mm	81.2	126.88	182.7	N/A	40.6
20mm	108.4	169.38	243.9	N/A	54.2
25mm	135.4	211.56	304.65	N/A	67.7
30mm	162.6	254.06	365.85	N/A	81.3
40mm	216.8	338.75	487.8	N/A	108.4
50mm	271	423.44	609.75	N/A	135.5

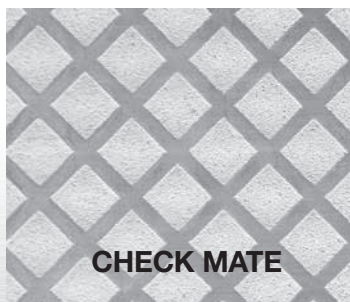
PATTERNED ALUMINIUM AND PLATE



FIVE BAR	2000 X 1000	2500 X 1250	3000 X 1500
2mm	✓	✓	✓
3mm	✓	✓	✓
4mm	✓	N/A	N/A
4.5mm	✓	✓	✓
6.0mm	✓	✓	✓
9.5mm	✓	✓	N/A

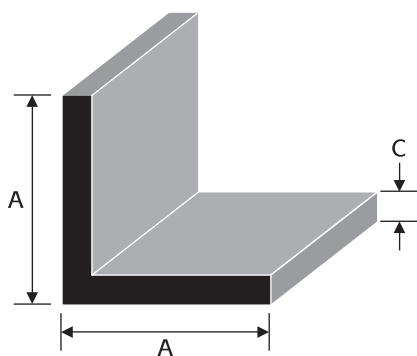


STUCCO	2000 X 1000	2500 X 1250
.5mm	✓	N/A
.6mm	✓	N/A
.7mm	N/A	✓
.9mm	N/A	✓



CHECK MATE	2500 X 1250
1.2mm	✓
1.6mm	✓
2.0mm	✓
2.5mm	✓
3.0mm	✓

EQUAL ANGLE



Imperial Size inches

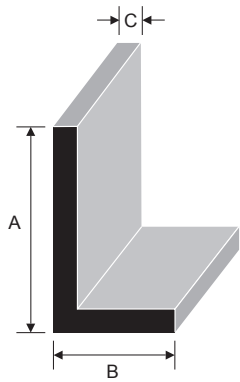
Metric Size mm

A	C	Weight kg/m	A	C
		.075	10	1.5
1/2	1/16	.103	12.7	1.6
	1/8	.190		3.2
5/8	1/16	.128	15.9	1.6
	1/8	.246		3.2
3/4	1/16	.156	19.0	1.6
	1/8	.301		3.2
7/8	1/16	.183	22.2	1.6
	1/8	.350		3.2
		.197	25.0	1.5
		.387	25.0	3.0
1	1/16	.213	25.4	1.6
	1/8	.411		3.2
	3/16	.597		4.8
	1/4	.768		6.4
1 1/8	1/8	.464	28.6	3.2
		.470		3.0
1 1/4	1/16	.265	31.8	1.6
	1/8	.519		3.2
	3/16	.756		4.8
	1/4	.984		6.4
1 3/8	1/8	.545	34.9	3.2
1 1/2	1/16	.329	38.1	1.6
	1/8	.628		3.2
	3/16	.921		4.8
	1/4	1.204		6.4
		.630		40.0	3.0
1 3/4	1/8	.737	44.5	3.2
	1/4	1.421		6.4
		.419	50.0	1.5
		.790	50.0	3.0
2	1/16	.430	50.8	1.6
	1/8	.847		3.2
	3/16	1.247		4.8
	1/4	1.640		6.4
	3/8	2.360		9.5
2 1/2	1/8	1.066	63.5	3.2
	3/16	1.580		4.8
	1/4	2.078		6.4
	3/8	3.063		9.5
3	1/8	1.284	76.2	3.2
	3/16	1.907		4.8
	1/4	2.515		6.4
	3/8	3.728		9.5
4	1/8	1.683	101.6	3.2
	1/4	3.500		6.4
	3/8	5.250		9.5
	1/2	6.620		12.7
6	1/2	10.151	152.4	12.7

New metric sizes available

Metric Sections range	kg/m
10mm x 10mm x 1.5mm	0.750
15mm x 15mm x 1.5mm	0.115
20mm x 20mm x 1.5mm	0.156
20mm x 20mm x 3.0mm	0.300
25mm x 25mm x 1.5mm	0.197
25mm x 25mm x 2.0mm	0.259
25mm x 25mm x 3.0mm	0.387
30mm x 30mm x 2.0mm	0.313
30mm x 30mm x 3.0mm	0.470
40mm x 40mm x 3.0mm	0.630
45mm x 45mm x 3.0mm	0.705
50mm x 50mm x 1.5mm	0.419
50mm x 50mm x 3.0mm	0.790

UNEQUAL ANGLE



Imperial Size inches

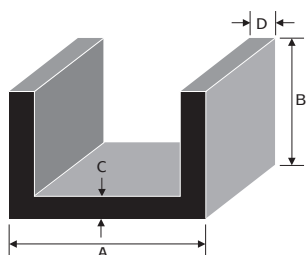
Metric Size mm

A	B	C	Weight kg/m	A	B	C
3/4	3/8	1/16	.106	19.0	9.5	1.6
	1/2	1/16	.129		12.7	1.6
	1/2	1/8	.246		12.7	3.2
1	1/2	1/16	.156	25.4	12.7	1.6
	1/2	1/8	.302		12.7	3.2
	5/8	1/8	.327		15.9	3.2
	3/4	1/16	.189		19.0	1.6
	3/4	1/8	.356		19.0	3.2
1 1/4	1/2	1/8	.356	31.8	12.7	3.2
	3/4	1/8	.409		19.0	3.2
	1	1/8	.464		25.4	3.2
1 1/2	1/2	1/8	.409	38.1	12.7	3.2
	3/4	1/8	.464		19.0	3.2
	1	1/16	.265		25.4	1.6
	1	1/8	.513		25.4	3.2
	1	3/16	.760		25.4	4.8
1 3/4	3/4	1/8	.530	44.5	19.0	3.2
	7/8	1/8	.546		22.2	3.2
	1	1/8	.574		25.4	3.2
			.299		25.0	1.5
			.585		25.0	3.0
2	1/2	1/8	.518	50.8	12.7	3.2
	3/4	1/8	.574		19.0	3.2
	1	1/16	.299		25.4	1.6
	1	1/8	.628		25.4	3.2
	1	3/16	.918		25.4	4.8
	1	1/4	1.202		25.4	6.4
	1 1/4	1/8	.670		31.8	3.2
	1 1/2	1/8	.738		38.1	3.2
	1 1/2	3/16	1.083		38.1	4.8
	1 1/2	1/4	1.426		38.1	6.4
2 1/4	1 1/4	1/8	.738	57.2	31.8	3.2
2 1/2	1	1/8	.738	63.5	25.4	3.2
	1	1/4	1.420		25.4	6.4
	1 1/2	1/8	.851		38.1	3.2
	1 1/2	3/16	1.249		38.1	4.8
	1 1/2	1/4	1.640		38.1	6.4
	2	3/16	1.477		50.8	4.8
	2	1/4	1.905		50.8	6.4
			.990	75.0	50.0	3.0
3	1	1/8	.847	76.2	25.4	3.2
	1	1/4	1.654		25.4	6.4
	1 1/2	1/8	.955		38.1	3.2
	1 1/2	1/4	1.860		38.1	6.4
	2	1/8	1.066		50.8	3.2
	2	3/16	1.610		50.8	4.8
	2	1/4	2.078		50.8	6.4
					.660	100.0	20.0	2.0
			1.200	100.0	50.0	3.0
4	1	1/8	1.066	101.6	25.4	3.2
	2	1/8	1.282		50.8	3.2
	2	1/4	2.515		50.8	6.4
	3	1/4	2.993		76.2	6.4
	3	3/8	4.300		76.2	9.5
5	1	1/8	1.290	127.0	25.4	3.2
	2	1/4	2.900		50.8	6.4
6	3	1/4	3.800	152.4	76.2	6.4
	3	3/8	5.724		76.2	9.5

New metric sizes available

Metric Sections range	kg/m
15mm x 10mm x 1.5mm	0.124
20mm x 10mm x 2.0mm	0.156
20mm x 15mm x 2.0mm	0.178
30mm x 10mm x 2.0mm	0.209
30mm x 20mm x 2.0mm	0.259
40mm x 20mm x 2.0mm	0.313
50mm x 25mm x 1.5mm	0.299
50mm x 25mm x 3.0mm	0.585
50mm x 30mm x 2.0mm	0.421
75mm x 50mm x 3.0mm	0.990
100mm x 20mm x 2.0mm	0.660
100mm x 50mm x 3.0mm	1.200

CHANNEL



Imperial Size inches

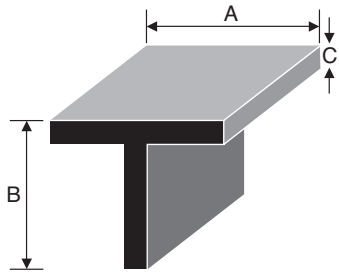
Metric Size mm

A	B	C	D	Weight kg/m	A	B	C	D
1/4	3/8	.050	.050	.070	6.4	9.5	1.3	1.3
				.110	10.0	10.0	1.5	1.5
1/2	1/2	1/16	1/16	.147	12.7	12.7	1.6	1.6
	1/2	1/8	1/8	.272		12.7	3.2	3.2
	5/8	1/8	1/8	.340		15.9	3.2	3.2
5/8	5/8	1/16	1/16	.196	15.9	15.9	1.6	1.6
	5/8	1/8	1/8	.351		15.9	3.2	3.2
3/4	1/2	1/16	1/16	.201	19.0	12.7	1.6	1.6
	1/2	1/8	1/8	.327		12.7	3.2	3.2
	3/4	1/16	1/16	.239		19.0	1.6	1.6
	3/4	1/8	1/8	.438		19.0	3.2	3.2
7/8	7/8	1/8	1/8	.509	22.2	22.2	3.2	3.2
1	1/2	1/8	1/8	.381	25.4	12.7	3.2	3.2
	3/4	1/8	1/8	.491		19.0	3.2	3.2
	1	1/16	1/16	.315		25.4	1.6	1.6
	1	1/8	1/8	.603		25.4	3.2	3.2
	1 1/2	1/8	1/8	.850		38.1	3.2	3.2
	2	1/8	1/8	1.016		50.8	3.2	3.2
1 1/8	3/4	1/8	1/8	.519	28.6	19.0	3.2	3.2
	1	1/8	1/8	.628		25.4	3.2	3.2
1 1/4	1/2	1/8	1/8	.438	31.8	12.7	3.2	3.2
	3/4	1/8	1/8	.548		19.0	3.2	3.2
	1	1/8	1/8	.689		25.4	3.2	3.2
	1 1/4	1/8	1/8	.765		31.8	3.2	3.2
	1 1/4	3/16	3/16	1.108		31.8	4.8	4.8
	2	1/8	1/8	1.100		50.8	3.2	3.2
1 3/8	1	1/8	1/8	.683	34.9	25.4	3.2	3.2
1 1/2	1/2	1/8	1/8	.492	38.1	12.7	3.2	3.2
	3/4	1/8	1/8	.600		19.0	3.2	3.2
	1	1/8	1/8	.710		25.4	3.2	3.2
	1 1/2	1/8	1/8	.929		38.1	3.2	3.2
	1 1/2	3/16	3/16	1.470		38.1	4.8	4.8
	1 1/2	1/4	1/4	1.838		38.1	6.4	6.4
				.420	40.0	20.0	2.0	2.0
1 3/4	1	1/8	1/8	.765	44.5	25.4	3.2	3.2
	1 3/4	1/8	1/8	1.100	44.5	44.5	3.2	3.2
				.780	50.0	50.0	2.0	2.0
2	1/2	1/8	1/8	.620	50.8	12.7	3.2	3.2
	3/4	1/8	1/8	.715		19.0	3.2	3.2
	1	1/8	1/8	.821		25.4	3.2	3.2
	1	3/16	3/16	1.186		25.4	4.8	4.8
	1	1/4	1/4	1.531		25.4	6.4	6.4
	1 1/2	1/8	1/8	1.034		38.1	3.2	3.2
	1 1/2	1/4	1/4	1.969		38.1	6.4	6.4
	2	1/8	1/8	1.256		50.8	3.2	3.2
	2	1/4	1/4	2.406		50.8	6.4	6.4
2 1/4	1 1/4	3/16	3/16	1.432	57.2	31.8	4.8	4.8
2 1/2	1	1/8	1/8	.929	63.5	25.4	3.2	3.2
	1 1/2	3/16	3/16	1.801		38.1	4.8	4.8
3	1	1/8	1/8	1.040	76.2	25.4	3.2	3.2
	1 1/2	1/8	1/8	1.284		38.1	3.2	3.2
	1 1/2	1/4	1/4	2.704		38.1	6.4	6.4
	2	1/8	1/8	1.478		50.8	3.2	3.2
	2	1/4	1/4	2.844		50.8	6.4	6.4
3 1/2	1 1/2	1/4	5/16	2.930	88.9	38.1	6.4	7.9
4	1	1/8	1/8	1.220	101.6	25.4	3.2	3.2
	2	1/8	1/8	1.696		50.8	3.2	3.2
	2	3/16	3/16	2.496		50.8	4.8	4.8
	2	1/4	1/4	3.230		50.8	6.4	6.4
	2	1/4	5/16	3.762		50.8	6.4	7.9
5	2	1/4	1/4	4.316	127.0	50.8	6.4	6.4
6	2	1/4	5/16	4.652	152.4	50.8	6.4	7.9
	3	1/4	3/8	6.405		76.2	6.4	9.5
	3	3/8	1/2	8.840		76.2	9.5	12.7

New metric sizes available

Metric Sections range	kg/m
10mm x 10mm x 1.5mm	0.110
40mm x 20mm x 2.0mm	0.420
50mm x 50mm x 2.0mm	0.780

TEE SECTIONS

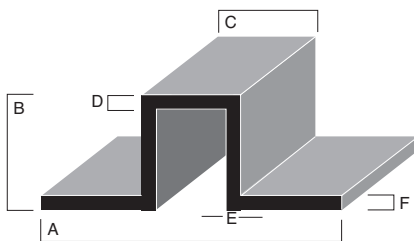


Imperial Size inches

Metric Size mm

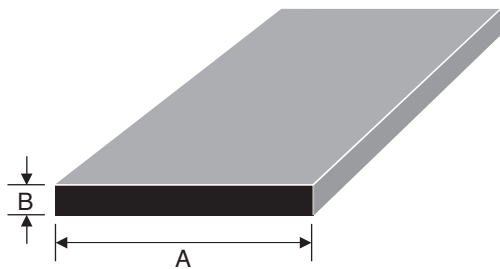
A	B	C	Weight kg/m	A	B	C
1/2	1/2	1/16	.104	12.7	12.7	1.60
5/8	5/8	1/8	.250	15.9	15.9	3.20
3/4	3/4	1/16	.160	19.0	19.0	1.60
	3/4	1/8	.302			
7/8	7/8	1/8	.360	22.2	22.2	3.20
1	1	1/16	.213	25.4	25.4	1.60
	1	1/8	.411			
	2	1/8	.631			
1 1/4	1 1/4	1/8	.520	31.7	31.7	3.20
1 1/2	1 1/2	1/16	.350	38.1	38.1	1.60
	1 1/2	1/8	.631			
	1 1/2	3/16	.931			
	1 1/2	1/4	1.210			
			.320	40.0	20.0	2.00
2	1	1/8	.631	50.8	25.4	3.20
	1	3/16	.931			
	2	1/8	.851			
	2	3/16	1.477			
	2	1/4	1.652			
2 1/2	2 1/2	1/4	2.140	63.5	63.5	6.35
3	3	1/4	2.570	76.2	76.2	6.35
4	3	1/4	3.021	101.6	76.2	6.35
	4	1/4	3.410			
	4	3/8	4.431			

TOP HATS



A In.	B In.	C In.	D In.	E In.	F In.	Kg/M
2 1/4	1 1/4	1	3/32	3/32	3/32	.745
2 1/2	1 1/4	1	3/32	3/32	3/32	.778
3	1 1/4	1 1/2	5/64	5/64	5/64	.778

FLAT BARS



Imperial Size inches

Metric Size mm

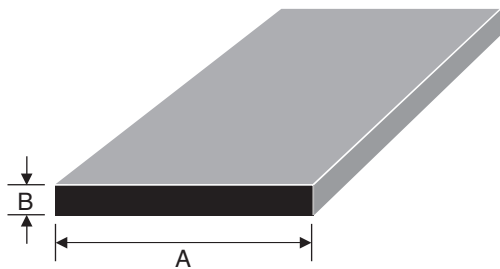
Imperial Size inches	Imperial Size inches	Weight kg/m	Metric Size mm	Metric Size mm
A	C		A	C
3/8	1/8	.082	9.5	3.2
	3/16	.125		4.76
	1/4	.164		6.35
1/2	1/16	.055	12.7	1.6
	1/8	.110		3.2
	3/16	.165		4.76
	1/4	.220		6.35
	3/8	.330		9.52
5/8	1/8	.140	15.9	3.2
	3/16	.205		4.76
	1/4	.274		6.35
	3/8	.411		9.52
	1/2	.550		12.7
		.220	16.0 ®	5.0
3/4	1/16	.082	19.0	1.6
	1/8	.165		3.2
	3/16	.246		4.76
	1/4	.330		6.35
	5/16	.411		7.95
	3/8	.494		9.52
	1/2	.660		12.7
	5/8	.823		15.9
7/8	1/8	.192	22.2	3.2
	3/16	.289		4.76
	1/4	.384		6.35
	3/8	.576		9.52
	1/2	.770		12.7
1	1/16	.112	25.4	1.6
	1/8	.220		3.2
	3/16	.330		4.76
	1/4	.440		6.35
	5/16	.550		7.95
	3/8	.660		9.52
	1/2	.880		12.7
	5/8	1.100		15.9
	3/4	1.320	19.0	
		.163	30.0	2.0
1 1/4	1/8	.274	31.75	3.2
	3/16	.411		4.76
	1/4	.550		6.35
	5/16	.686		7.94
	3/8	.823		9.52
	1/2	1.100		12.7
	5/8	1.372		15.9
	3/4	1.652		19.0
	1	2.200	25.4	
1 1/2	1/16	.165	38.10	1.6
	1/8	.330		3.2
	3/16	.494		4.76
	1/4	.660		6.35
	5/16	.823		7.94
	3/8	.988		9.52
	1/2	1.320		12.7
	5/8	1.652		15.9
	3/4	1.980		19.0
		1		2.634	25.4
1 3/4	1/8	.384	44.45	3.2
	3/16	.576		4.76
	1/4	.770		6.35
	3/8	1.152		9.52
	1/2	1.537		12.7
	5/8	2.000		15.9
	3/4	2.290		19.0
		1		3.070	25.4

New metric sizes available

Metric Sections range	kg/m
16mm x 5.0mm	0.220
25mm x 3.0mm	0.203
30mm x 2.0mm	0.163
50mm x 3.0mm	0.407
60mm x 15mm	2.430
70mm x 3.0mm	0.567
200mm x 6.0mm	3.200
200mm x 10mm	5.440

® = Radius corner

FLAT BARS

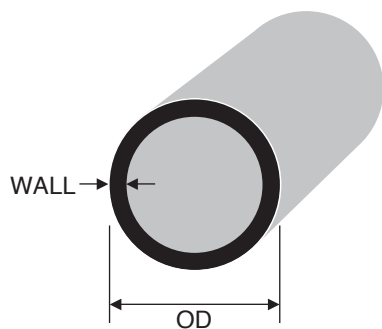


Imperial Size inches

Metric Size mm

A	B	Weight kg/m	A	B
		.407	50.0	3.0
2	$\frac{1}{8}$	.440	50.8	3.2
	$\frac{3}{16}$	.660		4.76
	$\frac{1}{4}$	.880		6.35
	$\frac{5}{16}$	1.100		7.94
	$\frac{3}{8}$	1.320		9.52
	$\frac{1}{2}$	1.760		12.7
	$\frac{5}{8}$	2.200		15.9
	$\frac{3}{4}$	2.634		19.0
	1	3.512		25.4
	$1\frac{1}{2}$	5.267		38.1
$2\frac{1}{4}$	$\frac{1}{4}$	.988	57.15	6.35
$2\frac{1}{2}$	$\frac{1}{8}$	.550	63.5	3.2
	$\frac{3}{16}$	.823		4.76
	$\frac{1}{4}$	1.100		6.35
	$\frac{3}{8}$	1.652		9.52
	$\frac{1}{2}$	2.200		12.70
	$\frac{5}{8}$	2.722		15.90
	$\frac{3}{4}$	3.330		19.00
	1	4.390		25.40
	$1\frac{1}{2}$	6.580		38.10
				.567	70.0	3.00
3	$\frac{1}{8}$	.660	76.2	3.20
	$\frac{3}{16}$	.988		4.76
	$\frac{1}{4}$	1.320		6.35
	$\frac{5}{16}$	1.670		7.94
	$\frac{3}{8}$	1.980		9.52
	$\frac{1}{2}$	2.634		12.70
	$\frac{5}{8}$	3.330		15.90
	$\frac{3}{4}$	3.960		19.00
	1	5.267		25.40
	$1\frac{1}{2}$	7.900		38.10
2	10.530	50.80		
$3\frac{1}{2}$	$\frac{1}{4}$	1.537	88.90	6.35
	$\frac{1}{2}$	3.070		12.70
4	$\frac{1}{8}$	.880	101.6	3.20
	$\frac{3}{16}$	1.320		4.76
	$\frac{1}{4}$	1.760		6.35
	$\frac{5}{16}$	2.189		7.94
	$\frac{3}{8}$	2.634		9.52
	$\frac{1}{2}$	3.512		12.70
	$\frac{5}{8}$	4.390		15.90
	$\frac{3}{4}$	5.267		19.00
	1	7.023		25.40
	$1\frac{1}{2}$	10.530		38.10
2	14.049	50.80		
5	$\frac{1}{4}$	2.200	127.0	6.35
	$\frac{3}{8}$	3.300		9.52
	$\frac{1}{2}$	4.390		12.70
	$\frac{3}{4}$	6.580		19.00
6	$\frac{1}{8}$	1.320	152.4	3.20
	$\frac{1}{4}$	2.634		6.35
	$\frac{3}{8}$	3.960		9.52
	$\frac{1}{2}$	5.267		12.70
	$\frac{3}{4}$	8.090		19.00
	1	10.530		25.40
		3.200	200.0	6.00
		5.440	200.0	10.00

ROUND TUBES



New metric sizes available

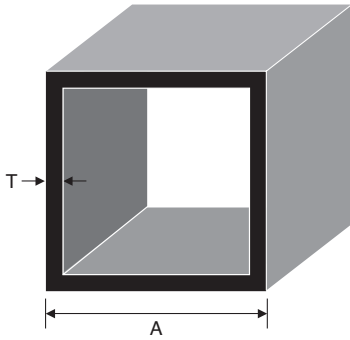
Metric Sections range	kg/m
10mm x 1.0mm	0.076
10mm x 2.0mm	0.136
14mm x 2.0mm	0.203
15mm x 1.5mm	0.172
15mm x 2.0mm	0.225
16mm x 1.5mm	0.185
20mm x 1.5mm	0.235
20mm x 2.0mm	0.305
20mm x 3.0mm	0.432
20mm x 5.0mm	0.636
25mm x 1.5mm	0.300
25mm x 2.0mm	0.390
25mm x 3.0mm	0.560
30mm x 1.5mm	0.369
30mm x 2.0mm	0.475
30mm x 3.0mm	0.687
35mm x 2.0mm	0.560
35mm x 3.0mm	0.814
40mm x 1.5mm	0.490
40mm x 2.0mm	0.644
40mm x 3.0mm	0.940
45mm x 2.0mm	0.730
48mm x 2.0mm	0.780
50mm x 1.5mm	0.619
50mm x 2.0mm	0.814
50mm x 3.0mm	1.195
55mm x 2.0mm	0.899
60mm x 2.0mm	0.983
150mm x 2.0mm	2.400

Imperial Size inches

Metric Size mm

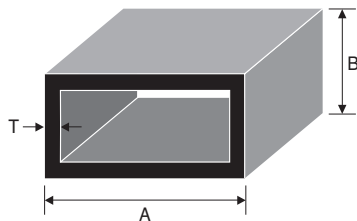
O.D.	Wall	Weight kg/m	O.D.	Wall
1/4	20 swg	.042	6.35	0.9
	16 swg	.065		1.6
5/16	20 swg	.055	7.95	0.9
	16 swg	.088		1.6
3/8	20 swg	.067	9.5	0.9
	16 swg	.109		1.6
1/2	16 swg	.153	12.7	1.6
	10 swg	.260		3.2
5/8	16 swg	.200	15.9	1.6
	10 swg	.350		3.2
		.185	16.0	1.5
3/4	18 swg	.184	19.0	1.2
	16 swg	.241		1.6
	14 swg	.293		2.03
	10 swg	.440		3.2
		.236	20.0	1.5
		.436	20.0	3.0
7/8	16 swg	.284	22.2	1.6
	10 swg	.524		3.2
1	18 swg	.250	25.4	1.2
	16 swg	.330		1.6
	14 swg	.399		2.03
	10 swg	.612		3.2
	3/16	.840		4.76
	1/4	1.030		6.35
1 1/8	16 swg	.372	28.6	1.6
	10 swg	.700		3.2
		.476	30.0	2.0
1 1/4	16 swg	.415	31.7	1.6
	10 swg	.790		3.2
1 3/8	16 swg	.460	34.9	1.6
	10 swg	.875		3.2
1 1/2	16 swg	.503	38.1	1.6
	10 swg	.963		3.2
	3/16	1.351		4.76
	1/4	1.710		6.35
1 5/8	16 swg	.550	41.3	1.6
	10 swg	1.050		3.2
1 3/4	16 swg	.591	44.4	1.6
	10 swg	1.140		3.2
1 7/8	10 swg	1.225	47.6	3.2
1 29/32	7 swg	1.652	48.4	4.5
		.619	50.0	1.5
2	16 swg	.680	50.8	1.6
	10 swg	1.320		3.2
	3/16	1.870		4.76
	1/4	2.411		6.35
2 1/4	16 swg	.766	57.1	1.6
	10 swg	1.490		3.2
	1/4	2.753		6.35
2 1/2	16 swg	.860	63.5	1.6
	10 swg	1.670		3.2
	1/4	3.110		6.35
2 3/4	10 swg	1.850	69.8	3.2
3	16 swg	1.051	76.2	1.6
	10 swg	2.030		3.2
	1/4	3.780		6.35
3 1/4	16 swg	1.167	82.5	1.6
	10 swg	2.200		3.2
3 1/2	16 swg	1.205	88.9	1.6
	10 swg	2.370		3.2
	1/4	4.480		6.35
4	16 swg	1.381	101.6	1.6
	14 swg	1.770		2.03
	10 swg	2.730		3.2
	1/4	5.170		6.35
4 1/2	10 swg	3.080	114.3	3.2
	1/4	5.680		6.35
5	10 swg	3.440	127.0	3.2
6		3.179	152.4	2.5
	10 swg	4.120		3.2
	1/4	7.950		6.35

SQUARE & RECTANGULAR HOLLOW SECTION



Metric sizes included
in main tables

Imperial Size inches			Metric Size mm	
A	T swg	Weight kg/m	A	T
1/2	16	.192	12.7	1.6
5/8	16	.270	15.8	1.6
3/4	16	.308	19.0	1.6
	10	.547		3.3
1	16	.420	25.4	1.6
	10	.766		3.3
1 1/8	16	.468	28.6	1.6
			.610	30.0	2.0
		.878	30.0	3.0
1 1/4	16	.530	31.8	1.6
	10	1.060		3.3
1 1/2	16	.631	38.1	1.6
	16	.631	38.1 ®	1.6
	10	1.210		3.3
		.824	40.0	2.0
1 3/4	10	1.420	44.5	3.3
			1.041	50.0	2.0
		1.041	50.0 ®	2.0
		1.530	50.0	3.0
2	16	.871	50.8	1.6
	10	1.640		3.3
	1/4	3.118		6.35
			1.140	55.0	2.0
		1.300	60.0	2.0
2 1/2	10	2.100	63.5	3.3
		.930	65.0	1.4
3	10	2.514	76.2	3.3
	1/4	4.950		6.35
		2.200	100.0	2.0
		3.154	100.0	3.0
4	10	3.389	101.6	3.3
	1/4	6.500		6.35
			5.100	150.0	3.0
		6.666	150.0	4.0

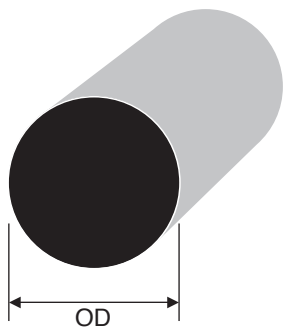


Imperial Size inches			Weight kg/m	Metric Size mm		
A	B	T swg		A	B	T
			.499	30.0	20.0	2.0
			.428	35.0	16.0	1.4
1 1/2	3/4	16	.486	38.1	19.0	1.6
		10	.874		19.0	3.3
	1	16	.535		25.4	1.6
	1	10	1.010		25.4	3.3
				.650	40.0	20.0	2.0
			.690	40.0	30.0	2.0
			.939	40.0 ®	35.0 ®	2.5
			1.220	50.0	30.0	3.0
2	1	10	1.200	50.8	25.4	3.3
	1 1/4	10	1.178		31.7	3.3
	1 1/2	10	1.430		38.1	3.3
			1.477	60.0 ®	40.0 ®	3.0
2 1/2	1	10	1.430	63.5	25.4	3.3
	1 1/2	10	1.675	63.5	38.1	3.3
3	1	10	1.640	76.2	25.4	3.3
	1 1/2	10	1.900		38.1	3.3
	1 3/4	10	2.020		44.5	3.3
	2	10	2.039		50.8	3.3
	2	1/4	3.934		50.8	6.35
4	1	10	2.124	101.6	25.4	3.3
	1 3/4	10	2.410		44.5	3.3
	2	10	2.425		50.8	3.3
	2	1/4	4.820		50.8	6.35
	3	10	3.029		76.2	3.3
				3.850	120.0	60.0	4.0
5	1 3/4	10	2.805	127.0	44.5	3.3
6	1 3/4	10	3.365	152.4	44.5	3.3
	2	10	3.378		50.8	3.3
			3.900	200.0	45.0	3.0

® = Radius corner

Almost all box sections available in 5.0m and 6.0m lengths

ROUND BARS

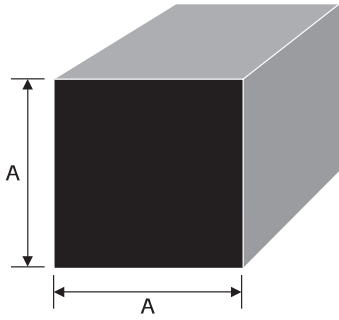


New metric sizes available

Metric Sections range	kg/m
5mm	0.055
8mm	0.142
10mm	0.221
15mm	0.498
20mm	0.880
25mm	1.380
30mm	1.990
40mm	3.540

Imperial Size Dia. inches	Weight kg/m	Metric Size Dia. mm
$\frac{1}{8}$	.021	3.20
$\frac{3}{16}$	.051	4.76
$\frac{1}{4}$	.089	6.35
$\frac{5}{16}$	.138	7.95
$\frac{3}{8}$	.199	9.52
$\frac{7}{16}$	.271	11.11
$\frac{1}{2}$	.354	12.70
$\frac{9}{16}$	.448	14.29
$\frac{5}{8}$	.554	15.88
$1\frac{1}{16}$	.670	17.47
$\frac{3}{4}$	.796	19.05
$1\frac{3}{16}$	.933	20.65
$\frac{7}{8}$	1.083	22.22
$1\frac{5}{16}$	1.207	23.81
1	1.414	25.40
$1\frac{1}{8}$	1.786	28.57
$1\frac{3}{16}$	1.940	30.16
$1\frac{1}{4}$	2.202	31.75
$1\frac{3}{8}$	2.679	34.92
$1\frac{1}{2}$	3.185	38.10
$1\frac{5}{8}$	3.735	41.28
$1\frac{3}{4}$	4.345	44.45
$1\frac{7}{8}$	4.971	47.62
2	5.655	50.80
$2\frac{1}{8}$	6.399	53.97
$2\frac{1}{4}$	7.158	57.15
$2\frac{3}{8}$	7.992	60.32
$2\frac{1}{2}$	8.855	63.50
$2\frac{5}{8}$	9.748	66.67
$2\frac{3}{4}$	10.400	69.85
3	12.370	76.20
$3\frac{1}{4}$	14.51	82.50
$3\frac{1}{2}$	16.82	88.90
$3\frac{3}{4}$	19.35	95.30
4	22.02	101.60
$4\frac{1}{4}$	24.85	107.90
$4\frac{1}{2}$	27.83	114.30
$4\frac{3}{4}$	30.96	121.00
5	34.40	127.00
$5\frac{1}{4}$	37.80	133.40
$5\frac{1}{2}$	41.50	139.70
$5\frac{3}{4}$	45.40	146.00
6	49.40	152.40
$6\frac{1}{2}$	58.00	165.10
7	67.30	177.80
$7\frac{1}{2}$	77.20	190.50
8	87.90	203.20
9	111.30	228.60
10	137.40	254.00
11	166.20	279.40
12	197.90	304.80
13	232.50	330.20
14	269.60	355.60
16	350.00	406.40

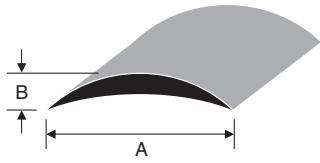
SQUARE BARS



Imperial Size Dia. inches	Weight kg/m	Metric Size Dia. mm
$\frac{1}{4}$	.110	6.35
$\frac{5}{16}$	.171	7.95
$\frac{3}{8}$	.240	9.52
$\frac{1}{2}$	.440	12.7
$\frac{5}{8}$	.690	15.9
$\frac{3}{4}$	.988	19.0
$\frac{7}{8}$	1.344	22.2
1	1.760	25.4
$1\frac{1}{4}$	2.740	31.7
$1\frac{1}{2}$	3.960	38.1
$1\frac{3}{4}$	5.370	44.4
2	7.024	50.8
$2\frac{1}{4}$	8.880	57.1
$2\frac{1}{2}$	10.980	63.5
3	15.805	76.2
4	28.127	101.6
5	44.500	127.0
6	63.100	152.4

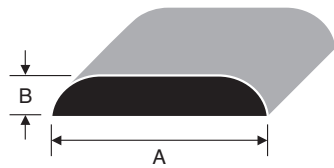
MOULDINGS

HALF ROUND



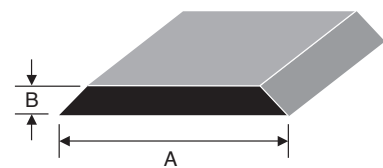
Imperial Size inches			Metric Size mm	
A	B	Weight kg/m	A	B
1/2	3/16	.089	12.7	4.8
5/8	3/16	.097	15.9	4.8
3/4	3/16	.146	19.0	4.8
7/8	3/16	.167	22.2	4.8
1	3/16	.196	25.4	4.8
1 1/4	3/16	.210	31.8	4.8
1 1/2	3/16	.250	38.1	4.8
2	1/4	.450	50.8	6.4

DOUBLE FEATHER EDGE



Imperial Size inches			Metric Size mm	
A	B	Weight kg/m	A	B
3/4	1/8	.154	19.0	3.2
1	1/8	.207	25.4	3.2
1 1/4	1/8	.262	31.8	3.2
1 1/2	1/8	.318	38.1	3.2

DOUBLE BEVELLED EDGE



Imperial Size inches			Metric Size mm	
A	B	Weight kg/m	A	B
1	1/8	.186	25.4	3.2

WALLBOARD SECTIONS

NOT TO SCALE

TO SECURE BOARD SIZE

EDGE TRIM

CONTINUAL RUN

INTERNAL CORNER

EXTERNAL CORNER

1/8"



3/16"



1/4"



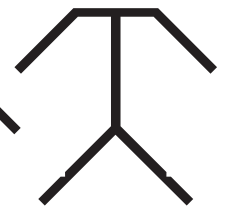
1/2"



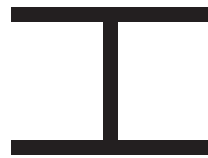
14mm



5/8"



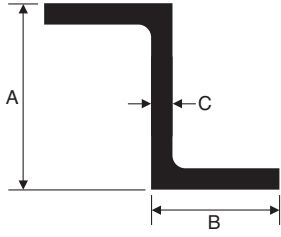
3/4"



1"

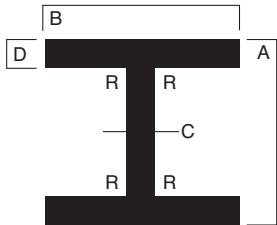


ZED SECTIONS



Imperial Size inches				Metric Size mm		
A	B	C	Weight kg/m	A	B	C
$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{16}$	.276	19.0	12.7	1.6
	$\frac{3}{4}$	$\frac{1}{8}$	.438	19.0	19.0	3.2
1	$\frac{3}{4}$	$\frac{1}{8}$	.480	25.4	19.0	3.2
$1\frac{1}{4}$	1	$\frac{1}{8}$	.668	31.8	25.4	3.2
$1\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{8}$	.603	38.1	19.0	3.2
$1\frac{3}{4}$	1	$\frac{1}{8}$	.814	44.5	25.4	3.2

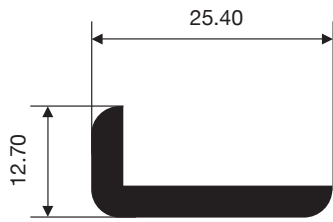
'I' BEAMS



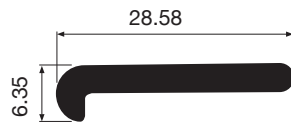
A In.	B In.	C In.	D In.	R In.	Kg/M
3	3	$\frac{3}{16}$	$\frac{1}{4}$	0	3.660
4	3	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	3.840

ARCHITECTURAL SECTIONS

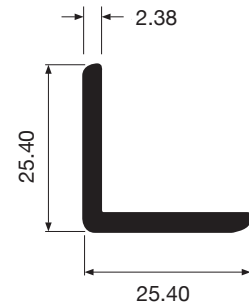
NOT TO SCALE



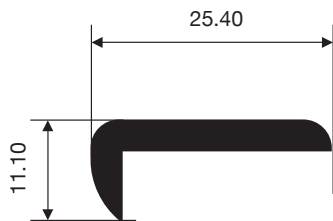
LA 201



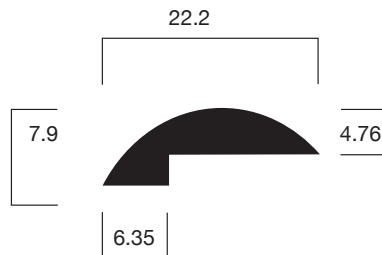
LA 207



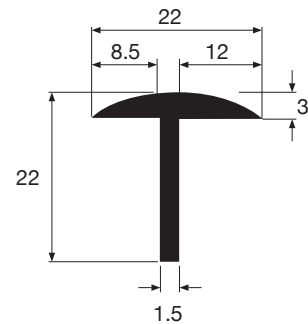
LA 211



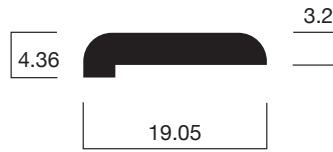
LA 203



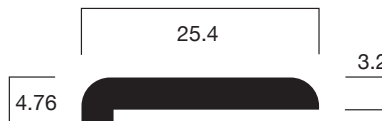
LA 208



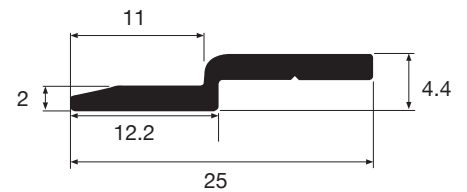
LA 212



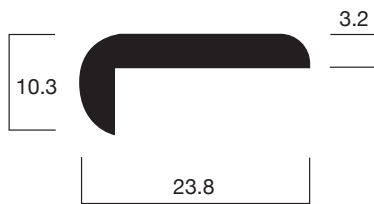
LA 205



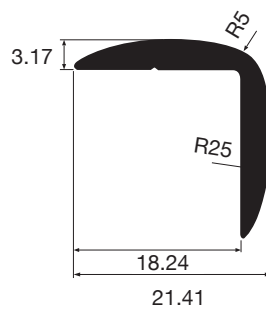
LA 209



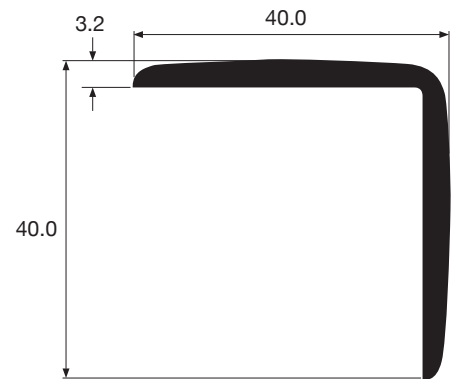
LA 213



LA 206



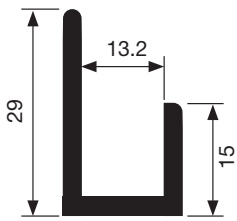
LA 210



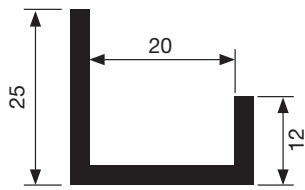
LA 214

MISCELLANEOUS SECTIONS

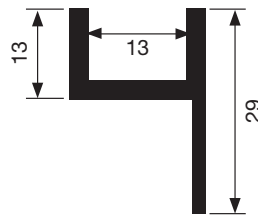
NOT TO SCALE



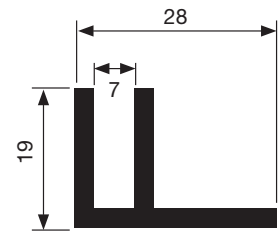
LA 410



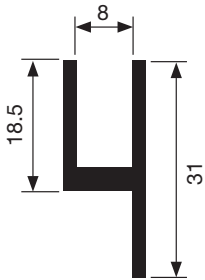
LA 411



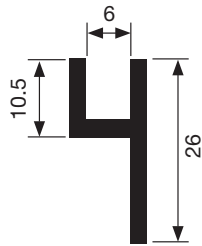
LA 412



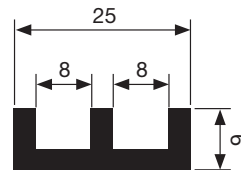
LA 413



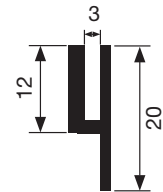
LA 415



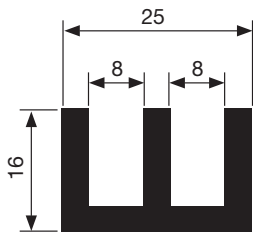
LA 416



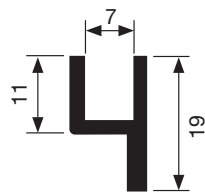
LA 418



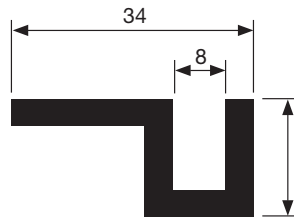
LA 419



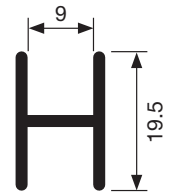
LA 420



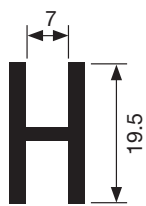
LA 421



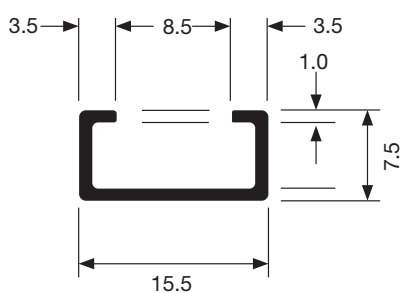
LA 425



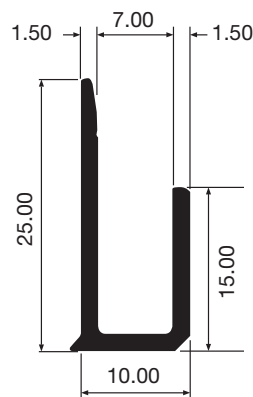
LA 426



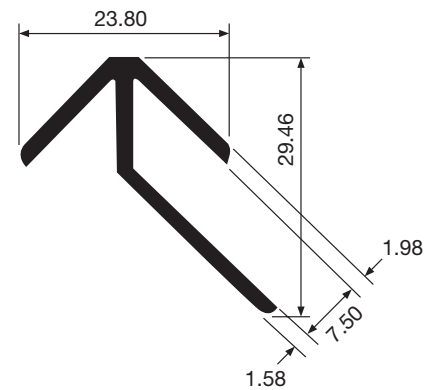
LA 427



LA 429



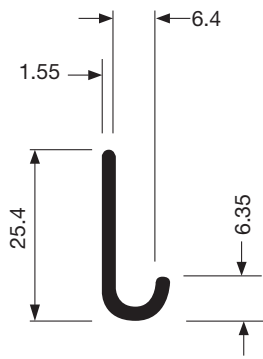
LA 431



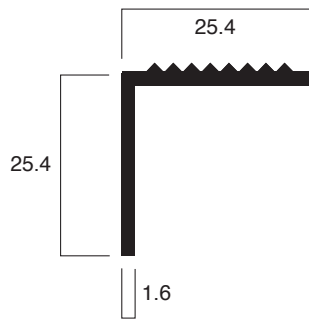
LA 432

MISCELLANEOUS & SIGN SECTIONS

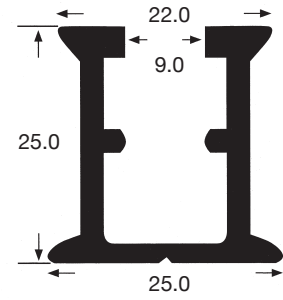
NOT TO SCALE



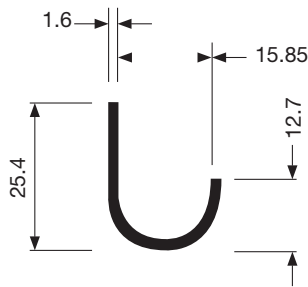
LA 301



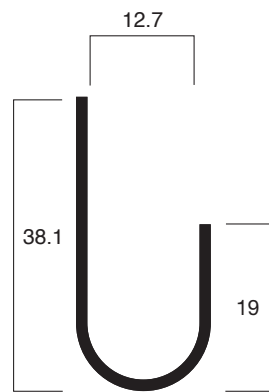
LA 305



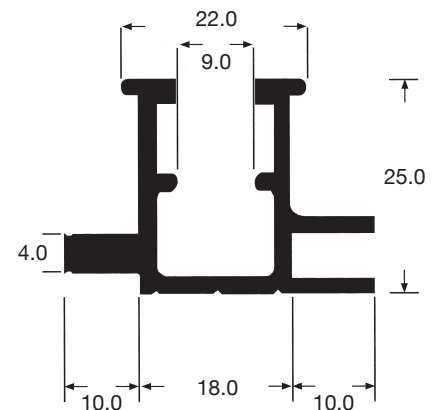
LA 322



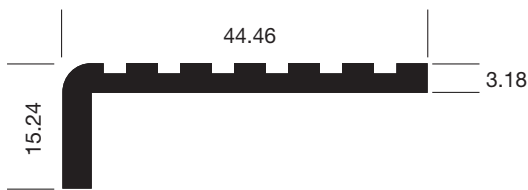
LA 303



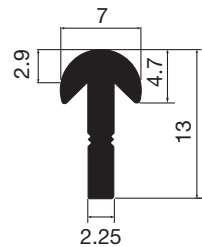
LA 311



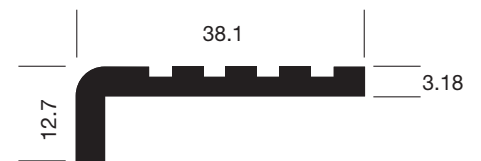
LA 320



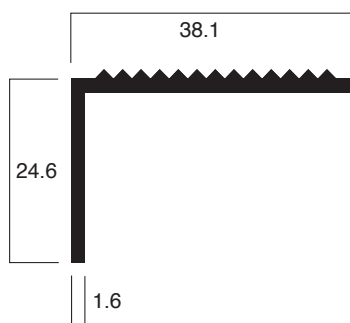
LA 304



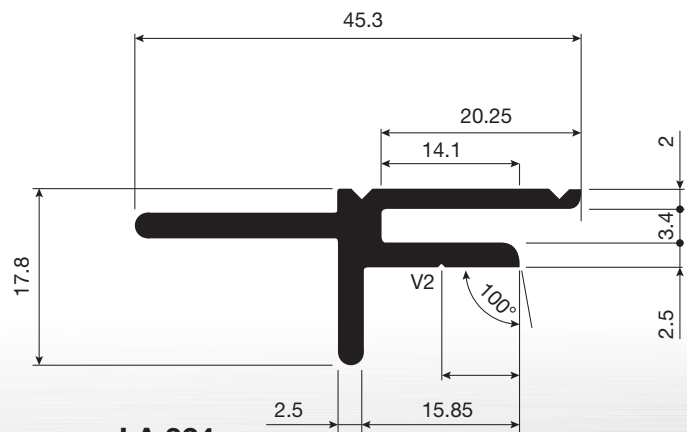
LA 314



LA 312



LA 316



LA 324

Why not improve the appearance of your aluminium section by taking advantage of one of our many finishing services.

Anodising

This process passes an electrical current through the aluminium to produce a protective oxide film on the surface of your section. Suitable for all good quality 6063T6 items the attractive natural matt silver finish (bronze, gold and black also available) provides extreme durability, long term resistance to the elements and is easily maintained. We always pick the best bars available to ensure the highest possible quality is delivered to the customer.

What you need to know

Jig marks are unavoidable on anodised sections, normally appearing at the very ends of the bars, these would need to be cut away if undesirable, variation in shade is not uncommon and is a natural effect of the reactive process. Due to the nature of aluminium although large surface areas can be anodised they are not always ideal as surface abrasions are harder to avoid and can sometimes be visible through the anodised surface.

Powder Coating

All products, regardless of alloy can be powder coated to a vast range of British standard and RAL colour finishes, with rapid turnaround of approx 7 working days (and possibly sooner if required) on the majority of colours. Powder coating provides a durable, long lasting and attractive finish suitable for both interior and exterior applications.

What you need to know

Small holes or jig marks are normally found at the very ends of sections these would need to be cut away if undesirable, when inspected closely an "orange peel" effect is occasionally visible, this is a normal characteristic of a powder coated finish.

Polishing

We are also able to offer a polishing service for many of our sections, ranging from a dull or satin finish to a highly reflective mirror finish.

What you need to know

There are many variations on polished finishes so it's advisable to discuss your actual requirements in detail with your sales advisor. These admirable finishes are primarily decorative and are best suited to interior low traffic environments.

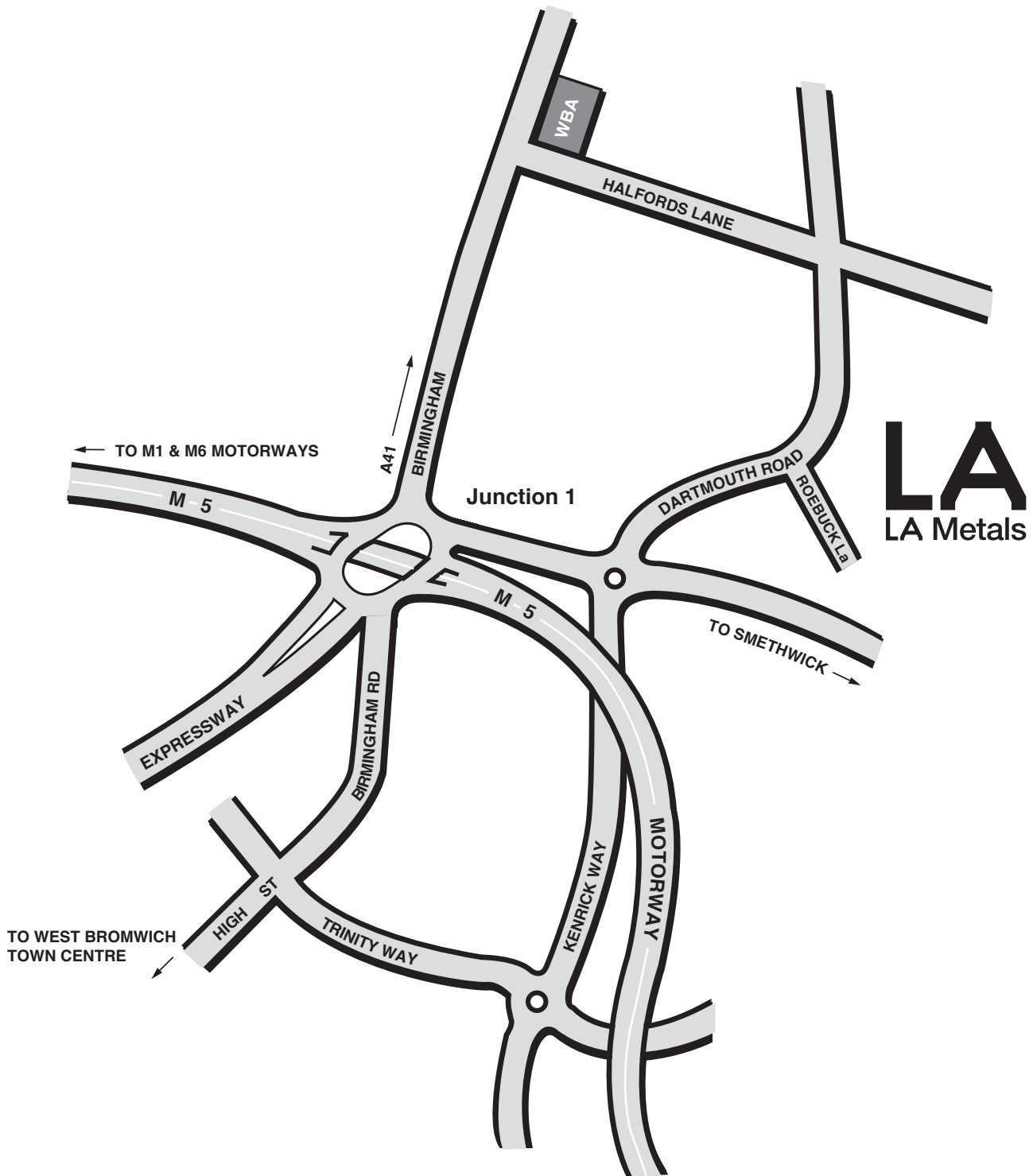
Fabrication

In addition to all the finishes we offer we can also cut/mitre and drill to your requirements.

Bespoke Sections

We have one of the widest ranges of standard sections available in the UK but you may need something just that little bit different. Well we can help with this too. With over 30 years of experience in helping design bespoke sections, as well as bringing them to market, we are ideally placed to manufacture and stock your bespoke profile. Just talk to any of our experienced sales people and they will happily take you through the process, from conception to delivery.

HOW TO FIND US



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LA

LA Metals

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