



ALUMINIUM EXPRESS

Specialists in

- *Sheet*
- *Plate, Extrusions*
- *Cutting*
- *Folding*
- *Street Sign Extrusion & Brackets*

Opening Hours: Monday - Friday 8:15am - 4.45pm. Saturday: 830am to 12pm

We provide:

- Standard / Exclusive extrusions
 - Product Sourcing
- Cutting Plate / Extrusion to size
 - Repetitive cutting
 - Folding
- Handy Man pieces
 - Delivery
- Open Saturdays

Engineering Data

Sheet

To calculate the mass of sheet.

Alloy	Factor	Calculation
5083	0.982	Length (m) x Width (m) x (2.71 x thickness) x factor = Kg
5251	0.993	
1150	0.996	Example: To calculate mass of 5005 sheet
5005	0.996	1800 x 763 x 1.2mm thick
1200	1.000	1.8 X 0.763 X 3.252 X 0.996 = 4.448 kg
3105	1.004	
3003	1.007	

Coiled Sheet

$$\text{Coil density (kg per mm of width)} = \frac{2.128 (D + d) \times (D - d)}{1,000,000}$$

D = outside diameter of coil (mm)
d = inside diameter of coil (mm)

Circles

$$\text{Mass per circle} = \frac{2.1^3 \times D^2 \times t}{1,000,000}$$

D = diameter (mm)
t = thickness (mm)

Extrusions

Mass per unit length for Action extrusions

Alloy	Density (kg/m ³ x 10 ³)	Conversion Factor
2011	2.77	1.044
3003	2.73	1.007
6060	2.70	0.996
6106	2.70	0.996
6061	2.70	0.996
6082	2.70	0.996

Sections

$$\text{Mass per metre (kg)} = \frac{2.71 \times A}{1,000} \times \text{Factor}$$

Tubes

$$\text{Mass per metre (kg)} = \frac{8.51 t (D - t)}{1,000} \times \text{Factor}$$

Round Bar and Wire

$$\text{Mass per metre (kg)} = \frac{2.13 D^2}{1,000} \times \text{Factor}$$

D = outside diameter (mm)
d = inside diameter (mm)
t = thickness
A = cross section area (mm²)

Alloy uses and characteristics

Alloy	Description	ROLLED / EXTENDED	MACHINING	CORROSION RESISTANCE	ANODISING	FORMING	WELDING
1200	Commercially pure aluminium used in cooking utensils and for deep frying.	R	D	A	B	A	A
2011	Machining alloy used for parts produced on repetition machines.	E	A	D	D	C	D
2014	High strength alloy used for aircraft structures.	E	B	D	D	C	D
5005	General purpose alloy for sheet metal work. Can be welded.	R	C	A	B	A	A
5083	High strength alloy used in transport, marine and structural applications.	R	B	A	C	B	A
5251 & 5052	Medium strength alloy with good ductility. Suitable for welding with high corrosion resistance particular for marine applications.	R	C	A	C	A	A
6005	Good strength for structural applications.	E	B	A	C	B	A
6060 & 6063	The most commonly used extrusion alloy. Used for all architectural applications, light duty structural framework. Can also be chemically brightened for moulds and trims.	E	C	A	A	A	A
6061 & 6351	Structural application where strength and corrosion resistance is needed. Transport applications.	E	B	A	C	B	A
6106	A medium strength alloy. Used for architectural applications where additional strength is required and for structural applications not involving welding.	E	C	A	A	B	A
6262	Machining alloy with good anodising characteristics.	E	A	A	B	C	A

Characteristics are rated in decreasing order of merit= A, B, C, D

Temper Definitions

- T1 Air-cooled from extrusion temperature and naturally aged to a substantially stable condition.
- T3 Solution heat-treated and cold worked to improve strength.
- T4 Solution heat-treated and naturally aged to a substantially stable condition. These products are normally water quenched at the press or separately solution heat-treated in a salt bath.
- T5 Air cooled from extrusion temperature and artificially aged to improve mechanical properties.
- T591 A variation of the T5 temper designed to combine good bending properties with strength intermediate between T1 & T5.
- T593 The air quenched and aged temper for Alloy 7005.
- T593 A forming quality temper of 6060, capable of being flared, flattened or bent, yet giving reasonable level of typical Mechanical Properties.
- T6 Solution heat-treated and artificially aged.
- T61-T64 Variations of the T6 temper giving controlled combinations of mechanical properties and electrical conductivity in Alloy 6101.
- T9 Solution heat-treated, artificially aged and then cold drawn.

Angles - Coloured

These are available in 1-2 business days wait.

Must be purchased per 6/6.5 metre lengths.

DESCRIPTION	LENGTH (m)	SURFACE FINISH
TRIM ANGLE 12 x 12mm	6	10µm Clear Annodised
	6	10µm Bronze Annodised
	6	Pearl White Gloss
	6	Brown Satin
	6	Primrose Gloss
	6	Pottery Satin
	6	Stone Beige Matt
	6	A.P.O. Grey Satin
	6	White Birch Gloss
	6	Paperbark Matt
	6	Satin Black
	6	Deep Ocean Matt
	6	Pale Eucalypt Matt
	6	Woodland Grey Matt
	6	Jasper Satin
TRIM ANGLE 16 x 16mm	6.5	10µm Clear Annodised
TRIM ANGLE 20 x 12mm	6	10µm Clear Annodised
	6	10µm Bronze Annodised
	6	Pearl White Gloss
	6	Brown Satin
	6	Primrose Gloss
	6	Pottery Satin
	6	Stone Beige Matt
	6	A.P.O. Grey Satin
	6	Surfmist Matt
	6	Notredame Gloss
	6	Magnolia Gloss
	6	Deep Ocean matt
	6	Ultra Silver Gloss
	6	Pale Eucalypt Matt
	6	Woodland Grey Matt}
6	Monument Satin	
6	Dune Satin D1000	
6	Jasper Satin	
TRIM ANGLE 20 x 20mm	6.5	10µm Clear Annodised
	6.5	10µm Bronze Annodised
	6.5	Pearl White Gloss
	6.5	Brown Satin
	6.5	Primrose Gloss
	6.5	Pottery Satin
	6.5	Stone Beige Matt
	6.5	A.P.O. Grey Satin
	6.5	White Birch Gloss
	6.5	Paperbark Matt
	6.5	Satin Black
	6.5	Deep Ocean Matt
	6.5	Pale Eucalypt Matt
	6.5	Woodland Grey Matt
	6.5	Jasper Satin

Angles - Coloured - Continued

These are available in 1-2 business days wait.

Must be purchased per 6/6.5 metre lengths.

DESCRIPTION	LENGTH (m)	SURFACE FINISH
TRIM ANGLE 25 x 12mm	6.5	10µm Clear Anodised
	6.5	10µm Bronze Anodised
	6.5	Pearl White Gloss
	6.5	Brown Satin
	6.5	Primrose Gloss
	6.5	Pottery Satin
	6.5	Stone Beige Matt
	6.5	A.P.O. Grey Satin
	6.5	White Birch Gloss
	6.5	Paperbark Matt
	6.5	Satin Black
	6.5	Notredame Gloss
	6.5	Pale Eucalypt Matt
	6.5	Magnolia Gloss
	6.5	Woodland Grey Matt
TRIM ANGLE 25 x 20mm	6.5	10µm Clear Anodised
	6.5	10µm Bronze Anodised
	6.5	Pearl White Gloss
	6.5	Brown Satin
	6.5	Primrose Gloss
	6.5	Pottery Satin
	6.5	Stone Beige Matt
	6.5	A.P.O. Grey Satin
	6.5	White Birch Gloss
	6.5	Paperbark Matt
	6.5	Satin Black
	6.5	Notredame Gloss
	6.5	Magnolia Gloss
	6.5	Woodland Grey Matt
	6.5	Deep Ocean Matt
6.5	Woodland Grey Matt	
6.5	Jasper Satin	
TRIM ANGLE 25 x 25mm	6.5	10µm Clear Anodised
	6.5	10µm Bronze Anodised
	6.5	Pearl White Gloss
	6.5	Brown Satin
	6.5	Primrose Gloss
	6.5	Pottery Satin
	6.5	Stone Beige Matt
	6.5	Surfmist Matt
	6.5	White Birch Gloss
	6.5	Paperbark Matt
	6.5	Satin Black
	6.5	Ultra Silver Gloss
	6.5	Pale Eucalypt
	6.5	Woodland Grey Matt
	6.5	Monument Satin
6.5	Dune Satin D1000	
6.5	Jasper Satin	

DESCRIPTION	LENGTH (m)	SURFACE FINISH
TRIM ANGLE 32 x 20mm	6.5	10µm Clear Anodised
	6.5	10µm Bronze Anodised
	6.5	Pearl White Gloss
	6.5	Brown Satin
	6.5	Primrose Gloss
	6.5	Pottery Satin
	6.5	Stone Beige Matt
	6.5	A.P.O. Grey Satin
	6.5	Surfmist Matt
	6.5	White Birch Gloss
	6.5	Paperbark Matt
	6.5	Notredame Gloss
	6.5	Magnolia Gloss
	6.5	Deep Ocean Matt
	6.5	Ultra Silver Gloss
	6.5	Pale Eucalypt Matt
	6.5	Satin Black
	6.5	Ultra Silver Gloss
	6.5	Woodland Grey Matt
	6.5	Monument Satin
6.5	Dune Satin D1000	
6.5	Jasper Satin	
TRIM ANGLE 40 x 12mm	6.5	10µm Clear Anodised
	6.5	10µm Bronze Anodised
	6.5	Pearl White Gloss
	6.5	Brown Satin
	6.5	Primrose Gloss
	6.5	Stone Beige Matt
	6.5	White Birch Gloss
	6.5	Paperbark Matt
	6.5	Satin Black
6.5	Woodland Grey Matt	
TRIM ANGLE 40 x 20mm	6.5	10µm Clear Anodised
	6.5	10µm Bronze Anodised
	6.5	Pearl White Gloss
	6.5	Brown Satin
	6.5	Primrose Gloss
	6.5	Pottery Satin
	6.5	Stone Beige Matt
	6.5	White Birch Gloss
	6.5	Paperbark Matt
	6.5	Satin Black
	6.5	Magnolia Gloss
	6.5	Deep Ocean Matt
	6.5	Pale Eucalypt Matt
	6.5	Woodland Grey Matt
6.5	Jasper Satin	
TRIM ANGLE 40 x 25mm	6.5	10µm Clear Anodised
	6.5	10µm Bronze Anodised
	6.5	Pearl White Gloss
	6.5	Brown Satin
	6.5	Primrose Gloss
	6.5	Stone Beige Matt

Angles - Coloured - *Continued*

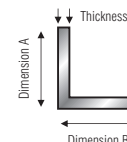
These are available in 1-2 business days wait.

Must be purchased per 6/6.5 metre lengths.

DESCRIPTION	LENGTH (m)	SURFACE FINISH
TRIM ANGLE 40 x 25mm <i>(Cont.)</i>	6.5	A.P.O. Grey Satin
	6.5	Surfmist Matt
	6.5	White Birch Gloss
	6.5	Paperbark Matt
	6.5	Satin Black
	6.5	Ultra Silver Gloss
	6.5	Woodland Grey Matt
	6.5	Monument Satin
	6.5	Dune Satin D1000
	6.5	Jasper Satin
TRIM ANGLE 40 x 40mm	6.5	10µm Clear Anodised
	6.5	Pearl White Gloss
	6.5	Primrose Gloss
	6.5	Surfmist Matt
	6.5	White Birch Gloss
	6.5	Paperbark Matt
	6.5	Satin Black
TRIM ANGLE 50 x 25mm	6.5	10µm Clear Anodised
	6.5	10µm Bronze Anodised
	6.5	Pearl White Gloss
	6.5	Brown Satin
	6.5	Primrose Gloss
	6.5	Pottery Satin
	6.5	Stone Beige Matt
	6.5	Surfmist Matt
	6.5	White Birch Gloss
	6.5	Paperbark Matt
	6.5	Satin Black
	6.5	Notredame Gloss
	6.5	Ultra Silver Gloss
	6.5	Woodland Grey Matt
	6.5	Monument Satin
	6.5	Dune Satin D1000
6.5	Jasper Satin	
TRIM ANGLE 50 x 50mm	6.5	10µm Clear Anodised
	6.5	Pearl White Gloss
	6.5	Primrose Gloss
	6.5	Stone Beige Matt
	6.5	Surfmist Matt
	6.5	Satin Black
TRIM ANGLE 70 x 25mm	6.5	10µm Clear Anodised
	6.5	Pearl White Gloss
	6.5	Brown Satin
	6.5	Primrose Gloss
	6.5	Pottery Satin
	6.5	Stone Beige Matt
	6.5	Surfmist Matt
	6.5	White Birch Gloss
	6.5	Paperbark Matt

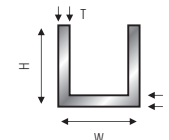
Angles - Coloured - *Continued*

DESCRIPTION	LENGTH (m)	SURFACE FINISH
	6.5	Satin Black
	6.5	Ultra Silver Gloss
	6.5	Woodland Grey Matt
	6.5	Monument Satin
	6.5	Dune Satin D1000
	6.5	Jasper Satin



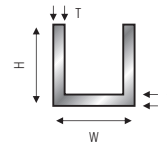
Angles - Even Leg

DESCRIPTION (A x B x T)	Dimension 'A'	Dimension 'B'	Thickness	LENGTH (mm)
12 x 12 x 1.6	12	12	1.6	6500
15 x 15 x 1.6	15	15	1.6	6500
20 x 20 x 1.6	20	20	1.6	6500
25 x 25 x 1.6	25	25	1.6	6500
40 x 40 x 1.6	40	40	1.6	6500
50 x 50 x 1.6	50	50	1.6	6500
32 x 32 x 1.6	32	32	1.6	6500
16 x 16 x 3.0	16	16	3.0	6500
20 x 20 x 3.0	20	20	3.0	6500
25 x 25 x 3.0	25	25	3.0	6500
32 x 32 x 3.0	32	32	3.0	6500
40 x 40 x 3.0	40	40	3.0	6500
50 x 50 x 3.0	50	50	3.0	6500
50 x 50 x 4.0	50	50	4.0	6500
40 x 40 x 6.0	40	40	6.0	6500
50 x 50 x 6.0	50	50	6.0	6500
40 x 40 x 4.0	40	40	4.0	6500
76 x 76 x 3.0	76	76	3.0	6500
80 x 80 x 3.0	80	80	3.0	6000
100 x 100 x 6.0	100	100	6.0	6500
25 x 25 x 6.0	25	25	6.0	6500
60 x 60 x 6.0	60	60	6.0	6500
25 x 25 x 6.0	25	25	6.0	6500



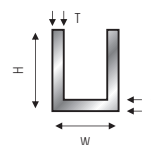
Channel Equal Clear Anodised - 6060 T5

DESCRIPTION (W x H x T)	Length (m)	Weight (Kg/m)
10 x 10 x 1.6	6.5	0.12
12 x 12 x 1.6	6.5	0.14
16 x 16 x 1.6	6.5	0.20
16 x 16 x 3.0	6.5	0.34
20 x 20 x 1.6	6.5	0.25
20 x 20 x 3.0	6.5	0.44
25 x 25 x 1.6	6.5	0.31
40 x 40 x 3.0	6.5	0.92
50 x 50 x 3.0	6.5	1.17



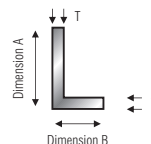
Channel - Even leg

DESCRIPTION (W x H x T)	Width	Height	Thickness	LENGTH (mm)
10 x 10 x 1.6	10	10	1.6	6500
12 x 12 x 1.6	12	12	1.6	6500
16 x 16 x 1.6	16	16	1.6	6500
20 x 20 x 1.6	20	20	1.6	6500
25 x 25 x 1.6	25	25	1.6	6500
20 x 20 x 3.0	20	20	3.0	6500
25 x 25 x 3.0	25	25	3.0	6500
50 x 50 x 3.0	50	50	3.0	6500
16 x 16 x 3.0	20	20	3.0	6500



Channel - Uneven leg

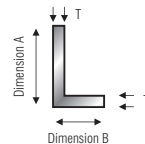
DESCRIPTION (W x H x T)	Width	Height	Thickness	LENGTH (mm)
12 x 20 x 2.5	12	20	2.5	6500
25 x 20 x 1.6	25	20	1.6	6500
25 x 20 x 2.5	25	20	2.5	6500
25 x 12 x 3.0	25	12	3.0	6500
32 x 25 x 3.0	32	25	3.0	6500
50 x 25 x 3.0	50	25	3.0	6500
40 x 25 x 3.0	40	25	3.0	6500
60 x 32 x 3.0	60	32	3.0	6500
80 x 25 x 3.0	80	25	3.0	6500
100 x 25 x 3.0	100	25	3.0	6500
80 x 40 x 3.0	80	40	3.0	6500
76.2 x 38.1 x 7.92	76.2	38.1	7.92	5500
101.6 x 50.8 x 7.92	101.6	50.8	7.92	5500
100 x 50 x 3.0	100	50	3.0	6500



Angle - Uneven leg

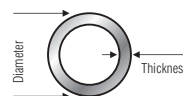
DESCRIPTION (A x B x T)	Dimension 'A'	Dimension 'B'	Thickness	LENGTH (mm)
20 x 12 x 1.6	20	12	1.6	6000
25 x 12 x 1.6	25	12	1.6	6500
25 x 20 x 1.6	25	20	1.6	6500
32 x 20 x 1.6	32	20	1.6	6500
40 x 12 x 1.6	40	12	1.6	6500
40 x 20 x 1.6	40	20	1.6	6500
40 x 25 x 1.6	40	25	1.6	6500
50 x 25 x 1.6	50	25	1.6	6500
70 x 25 x 1.6	70	25	1.6	6500
70 x 40 x 1.6	270	40	1.6	6500
20 x 12 x 3.0	20	12	3.0	6000
25 x 20 x 3.0	25	20	3.0	6500
32 x 20 x 3.0	32	20	3.0	6500
32 x 25 x 3.0	32	25	3.0	6500

Angle - Uneven leg (continued)



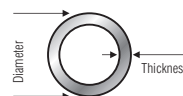
DESCRIPTION (A x B x T)	Dimension 'A'	Dimension 'B'	Thickness	LENGTH (mm)
40 x 12 x 3.0	40	12	3.0	6000
40 x 20 x 3.0	40	20	3.0	6500
40 x 25 x 3.0	40	25	3.0	6500
50 x 25 x 3.0	50	25	3.0	6500
60 x 25 x 3.0	60	25	3.0	6500
80 x 20 x 3.0	80	20	3.0	6500
125 x 50 x 3.0	125	50	3.0	6500
75 x 25 x 3.0	75	25	3.0	6500
25 x 12 x 3.0	25	12	3.0	6500
100 x 50 x 3.0	100	50	3.0	6500
100 x 50 x 6.0	100	50	6.0	6500

Round Tube

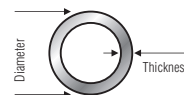


DESCRIPTION	Diameter	Thickness	LENGTH (mm)
25 x 1.6	??	??	??
6.35 x 0.91	6.35	0.91	4000
10 x 1.2	10	1.2	6500
10 x 1.6	10	1.6	6500
12 x 1.6	12	1.6	6500
16 x 1.6	16	1.6	6500
20 x 1.6	20	1.6	6500
25 x 1.6	25	1.6	6500
32 x 1.6	32	1.6	6500
40 x 1.6	40	1.6	6500
101 x 1.6	101	1.6	6500
50 x 2.0	50	2.0	6500
25 x 3.0	25	3.0	6500
32 x 3.0	32	3.0	6500
38.1 x 3.25	38.1	3.25	6500
40 x 3.0	40	3.0	6500
50 x 3.0	50	3.0	6500
60 x 3.0	60	3.0	6500
80 x 3.0	80	3.0	6500
100 x 3.0	100	3.0	6500
60 x 2.0	60	2.0	6500
48.4 x 4.47	48.4	4.47	6500
63.35 x 6.35	63.35	6.35	6000
76.2 x 3.18	76.2	3.18	6500

Round Tube - Bright Dipped Anodised

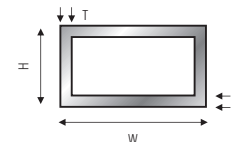


DESCRIPTION	Diameter	Thickness	LENGTH (mm)
25 x 1.6	25	1.6	6500



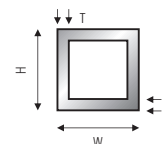
Round Tube - Telescoping

DESCRIPTION	Diameter	Thickness	LENGTH (mm)
12.7 x 1.42	12.7	1.42	5500
15.88 x 1.42	15.88	1.42	5500
19.05 x 1.42	19.05	1.42	5500
22.22 x 1.42	22.22	1.42	5500
25.4 x 1.42	25.4	1.42	5500
28.58 x 1.42	28.58	1.42	5500



Rectangular - Hollow Square

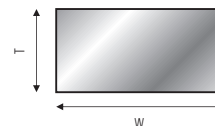
DESCRIPTION (W x H x T)	Width	Height	Thickness	LENGTH (mm)
38.1 x 25.4 x 1.5 R/C	38.1	25.4	1.5	6000
100 x 50 x 1.6	100	50	1.6	6100
100 x 25 x 2.5	100	25	2.5	6000
65 x 65 x 1.4 R/C	65	16	1.4	6000
40 x 25 x 2.5	40	25	2.5	6500
50 x 25 x 3.0	50	25	3.0	6000
60 x 40 x 3.0	60	40	3.0	6500
80 x 40 x 3.0	80	40	3.0	6500
100 x 50 x 3.0	100	50	3.0	6100
150 x 50 x 3.0	150	50	3.0	6100
200 x 50 x 3.0	200	50	3.0	6500
38.1 x 17.45 x 3.18	38.1	17.45	3.18	6500
50 x 10 x 1.6	50	10	1.6	6500
76 x 25 x 2.4	76	25	2.4	6500
80 x 40 x 3.0 RH5 R/C	80	40	3.0	6500



Square Hollow Box

DESCRIPTION (W x H x T)	Width	Height	Thickness	LENGTH (mm)
25.4 x 25.4 x 1.22	25.4	25.4	1.22	6000
12 x 12 x 1.6	12	12	1.6	6500
20 x 20 x 1.6	20	20	1.6	6500
25 x 25 x 1.6	25	25	1.6	6500
40 x 40 x 1.6	40	40	1.6	6500
20 x 20 x 3.0	20	20	3.0	6500
25 x 25 x 3.0	25	25	3.0	6500
32 x 32 x 3.0	32	32	3.0	6500
40 x 40 x 3.0 & 40 x 40 x 3.0 R/C	40	40	3.0	6000
50 x 50 x 3.0 & 50 x 50 x 3.0 R/C	50	50	3.0	6500
100 x 100 x 3.2	100	100	3.2	6500
32 x 32 x 2.0	32	32	2.0	6500
65 x 65 x 2.5	65	65	2.5	6500
75 x 75 x 3.0	75	75	3.0	6500
101.6 x 101.6 x 6.35	101.6	101.6	6.35	6500

Flat Bar

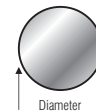


DESCRIPTION	Width	Thickness	LENGTH (mm)
20 x 1.6	20	1.6	4000
100 x 1.5	100	1.5	3600
10 x 3.0	10	3.0	4000
12 x 3.0	12	3.0	4000
16 x 3.0	16	3.0	4000
20 x 3.0	20	3.0	4000
25 x 3.0	25	3.0	4000
32 x 3.0	32	3.0	4000
40 x 3.0	40	3.0	4000
50 x 3.0	50	3.0	4000
60 x 3.0	60	3.0	4000
80 x 3.0	80	3.0	4000
100 x 3.0	100	3.0	4000
12 x 4.0	12	4.0	4000
20 x 4.0	20	4.0	4000
25 x 4.0	25	4.0	4000
50 x 4.0	50	4.0	4000
100 x 4.0	100	4.0	4000
20 x 6.0	20	6.0	4000
25 x 6.0	25	6.0	4000
32 x 6.0	32	6.0	4000
40 x 6.0	40	6.0	4000
50 x 6.0	50	6.0	4000
80 x 6.0	80	6.0	4000
100 x 6.0	100	6.0	4000
160 x 6.0	160	6.0	4000
25 x 10.0	25	10.0	4000
40 x 10.0	40	10.0	4000
50 x 10.0	50	10.0	4000
80 x 10.0	80	10.0	4000
100 x 10.0	100	10.0	4000
160 x 10.0	160	10.0	4000
40 x 25.0	40	25.0	4000
25 x 12.0	25	12.0	4000
50 x 12.0	50	12.0	4000
100 x 12.0	100	12.0	4000
80 x 16.0	80	16.0	4000
50 x 20.0	50	20.0	4000
100 x 25.0	100	25.0	4000
50 x 25.0	50	25.0	4000

Flat Bar - Anodised



DESCRIPTION	Width	Thickness	LENGTH (mm)
20 x 1.60	20	1.60	4000
25 x 1.60	25	1.60	4000
100 x 1.50	100	1.50	3600
150 x 1.50	150	1.50	3600

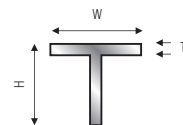


Machining Rod

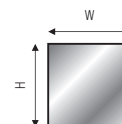
DESCRIPTION	Diameter (mm)	Grade	LENGTH (mm)
Rod/Round Bar	6	2011-T6	3600
Rod/Round Bar	9	2011-T3	3600
Rod/Round Bar	10	2011-T3	3600
Rod/Round Bar	12	6061-T6	3600
Rod/Round Bar	12	2011-T3	3600
Rod/Round Bar	14	2011	3600
Rod/Round Bar	16	2011-T3	3600
Rod/Round Bar	16	6061-T651	3600
Rod/Round Bar	20	2011-T3	3600
Rod/Round Bar	20	6061-T6	3600
Rod/Round Bar	22	6262	3600
Rod/Round Bar	30	2011	3600
Rod/Round Bar	32	2011	3600
Rod/Round Bar	35	2011-T3	3600
Rod/Round Bar	40	6061	3600
Rod/Round Bar	45	6061-T6	3600
Rod/Round Bar	50	2011-T6	3600
Rod/Round Bar	50	2011-T3	3600
Rod/Round Bar	50	6061-T6	3600
Rod/Round Bar	50	6262-T9	3600
Rod/Round Bar	50	2011-T6	3600
Rod/Round Bar	55	2011-T3	3600
Rod/Round Bar	55	6061-T6	3600
Rod/Round Bar	60	6061-T651	3600
Rod/Round Bar	60	6262-T6	3600
Rod/Round Bar	65	6061-T651	3600
Rod/Round Bar	65	6262-T6	3000
Rod/Round Bar	65	7075-T6	3600
Rod/Round Bar	75	6061-T6	3600
Rod/Round Bar	80	6061-T6	3600
Rod/Round Bar	80	6082-T6	3000
Rod/Round Bar	80	6262-T6	1800
Rod/Round Bar	90	6061-T651	3000
Rod/Round Bar	90	6262-T6	3600
Rod/Round Bar	100	6061-T6	1800
Rod/Round Bar	100	6262-T6	3000
Rod/Round Bar	110	6061-T651	3600
Rod/Round Bar	120	2011-T6	1800
Rod/Round Bar	120	6061-T6	3600
Rod/Round Bar	120	6262-T6	3600
Rod/Round Bar	130	2011-T6	1800
Rod/Round Bar	130	6061-T651	3600
Rod/Round Bar	140	6061	3600
Rod/Round Bar	150	6061	3600
Rod/Round Bar	160	2011-T65	1800
Rod/Round Bar	160	6061-T6	1800
Rod/Round Bar	170	6061	3600
Rod/Round Bar	180	6061	3600
Rod/Round Bar	200	2011-T6	1520
Rod/Round Bar	203.2	6061-T6	1200

Tee Section

Note: All the following sizes are available in Non-Anodised finish



DESCRIPTION (W x H x T)	Width	Height	Thickness	LENGTH (mm)
20 x 20 x 1.6	20	20	1.6	4000
25 x 25 x 1.6	25	25	1.6	4000
40 x 40 x 1.6	40	40	1.6	4000
20 x 20 x 3.0	20	20	3.0	4000
25 x 25 x 3.0	25	25	3.0	4000
40 x 40 x 3.0	40	40	3.0	4000



Solid Square

DESCRIPTION (W x H x T)	Width	Height	LENGTH (mm)
6 x 6	6	6	4000
10 x 10	10	10	4000
12 x 12	12	16	4000
16 x 16	16	12	4000
20 x 20	20	20	4000
25 x 25	25	25	4000
40 x 40	40	40	4000
50 x 50	50	50	4000
65 x 65	65	65	4000

Connector Lock System - (Used with connectors listed below)

STOCK CODE	DESCRIPTION (mm)	ALLOY	TEMPER	LENGTH METRE	WEIGHT KG/M
SQT2512	25.4 X 1.22	6060	T5	6.5	0.32

Black Plastic Connectors

DESCRIPTION		DESCRIPTION	
END CAPS		4-Way Corner Connector	
2-Way Flat Connectors		4-Way Flat Connectors	
3-Way Corner Connectors		5-Way Connectors	
3-Way Flat Connector		6-Way Connectors	

Sheet, Plate, Coil & Treadplate

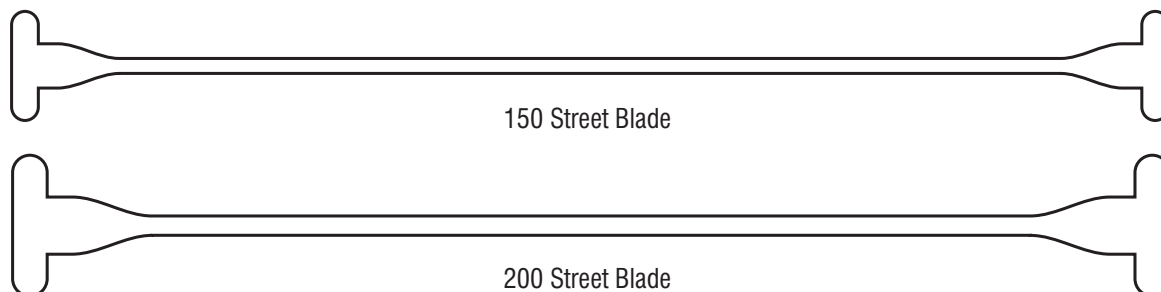
DIMENSIONS	ALLOY-TEMP	FINISH
0.6 1200 X 2400	5005-H34	Mill
0.6 1200 X 2400	5005-H34	50µm PE Coated
0.7 1200 X 1950	5005-H334	Stucco Embossed
0.8 1200 X 2400	5005-H34	Mill
1.0 1200 X 2400	5005-H34	Mill
1.0 1200 X 2400	5005-H34	15µm Anodised 1-side
1.2 1200 X 2400	5005-H34	Mill
1.2 1200 X 2400	5005-H34	White P/C 1-side
1.2 1200 X 2400	5005-H34	Black P/C 1-side
1.2 1200 X 2400	B57S Anodising Grade	15µm Anodised / PVC
1.2 1200 X 3000	5005-H34	Mill
1.2 1200 X 3000	B57S Anodising Grade	15µm Anodised / PVC
1.6 1200 X 2400	5005-H34	Mill
1.6 1200 X 2400	5005-H34	50µm PE Coated
1.6 1200 X 2400	5005-H34	White P/C 1-side
1.6 1200 X 2400	B57S Anodising Grade	15µm Anodised / PVC
1.6 1200 X 3000	5005-H34	Mill
1.6 1200 X 3000	5005-H34	50µm PE Coated
1.6 1200 X 3000	B57S Anodising Grade	15µm Anodised / PVC
1.6 1200 X 3600	5005-H34	Mill
1.6 1200 X 3600	5005-H34	50µm PE Coated
1.6 1200 X 3600	B57S Anodising Grade	15µm Anodised / PVC
1.6 1500 X 3000	5005-H34	Mill
1.6 1500 X 3600	5005-H34	Mill
2.0 1200 X 2400	5005-H34	Mill
2.0 1200 X 2400	5005-H34	50µm PE Coated
2.0 1200 X 2400	5005-H34	15µm Anodised 1-side
2.0 1200 X 3000	5005-H34	Mill
2.0 1200 X 3000	5005-H34	50µm PE Coated
2.0 1200 X 3000	B57S Anodising Grade	15µm Anodised / PVC
2.0 1200 X 3000	5005-H34	Mill
2.0 1200 X 3000	5005-H34	50µm PE Coated
2.0 1200 X 3600	5005-H34	Mill
2.0 1200 X 3600	5005-H34	50µm PE Coated
2.0 1500 X 2400	5005-H34	Mill
2.0 1500 X 2400	5005-H34	50µm PE Coated
2.0 1500 X 3000	5005-H34	Mill
2.0 1500 X 3000	5005-H34	50µm PE Coated
2.0 1500 X 3600	5005-H34	Mill
2.0 1500 X 3600	5005-H34	50µm PE Coated
2.5 1200 X 2400	5005-H34	Mill
2.5 1500 X 2400	5005-H34	Mill
3.0 1200 X 2400	5005-H34	Mill
3.0 1200 X 2400	5005-H34	50µm PE Coated
3.0 1200 X 2400	B57S Anodising Grade	15µm Anodised / PVC
3.0 1200 X 3000	5005-H34	Mill
3.0 1200 X 3000	5005-H34	50µm PE Coated
3.0 1200 X 3600	5005-H34	Mill
3.0 1200 X 3600	5005-H34	50µm PE Coated

Sheet, Plate, Coil & Treadplate *(continued)*

DIMENSIONS	ALLOY-TEMP	FINISH
3.0 1500 X 2400	5005-H34	Mill
3.0 1500 X 2400	5005-H34	50µm PE Coated
3.0 1500 X 3000	5005-H34	Mill
3.0 1500 X 3000	5005-H34	50µm PE Coated
3.0 1200 X 3600	5005-H34	Mill
3.0 1200 X 3600	5005-H34	50µm PE Coated
4.0 1200 X 2400	5005-H34	Mill
4.0 1200 X 3000	5005-H34	Mill
5.0 1200 X 2400	5005-H34	Mill
6.0 1200 X 2400	5005-H34	Mill
4.0 1200 X 2400	5083-H321	Mill
5.0 1200 X 2400	5083-H321	Mill
6.0 1200 X 2400	5083-H321	Mill
10.0 1200 X 2400	5083-H116	Mill
Tread plate		
1.4 1200 X 2400	5052.0 TREAD	Mill
1.6 1200 X 2400	5052.0 TREAD	Mill
1.6 1200 X 3600	5052.0 TREAD	Mill
2.0 1200 X 2400	5052.0 TREAD	Mill
2.5 1200 X 2400	5052.0 TREAD	Mill
2.5 1500 X 2400	5052.0 TREAD	Mill
2.5 1200 X 3000	5052.0 TREAD	Mill
3.0 1200 X 2400	5052.0 TREAD	Mill
3.0 1500 X 3000	5052.0 TREAD	Mill
3.0 1500 X 3600	5052.0 TREAD	Mill
4.0 1200 X 2400	5052.0 TREAD	Mill
5.0 1200 X 2400	5052.0 TREAD	Mill
6.0 1200 X 2400	5052.0 TREAD	Mill
Sheet		
1.6 1200 X 2400	5052.0-H32	Mill
2.0 1200 X 2400	5052.0-H32	Mill
2.0 1200 X 2400	5052.0-H32	50µm PE Coated
2.0 1200 X 3000	5052.0-H32	Mill
2.0 1500 X 3000	5052.0-H32	Mill
2.5 1200 X 2400	5052.0-H32	Mill
2.5 1200 X 2400	5052.0-H32	50µm PE Coated
2.5 1500 X 2400	5052.0-H32	Mill
2.5 1500 X 3000	5052.0-H32	Mill
2.5 1500 X 3000	5052.0-H32	50µm PE Coated
3.0 1200 X 2400	5052.0-H32	Mill
3.0 1500 X 2500	5251.0-H32	Mill
3.0 1200 X 3600	5251.0-H34	Mill
4.0 1200 X 2400	5052.0-H32	Mill
Propeller Plate		
1.0 1219 X 2438	Bright Prop. Plate	Mill
1.6 1219 X 2438	Bright Prop. Plate	Mill
2.28 1219 X 2438	Bright Prop. Plate	Mill
3.18 1219 X 2438	Bright Prop. Plate	Mill
4.76 1219 X 2438	Bright Prop. Plate	Mill


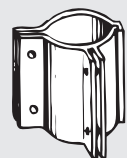
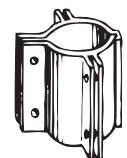
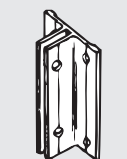

Street Sections - Street Blade

We specialize in a number of different street sections from street blade to road sign brackets which can be cut and drilled to any specifications. Street blade sections can be sold as whole lengths or cut and drilled to the measurements you require upon request. This is the same for road sign brackets which can be cut and drilled to suit 150/200mm street blade and hole spacings to suit.

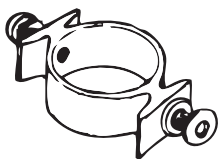


DESCRIPTION	Width	LENGTH (mm)
150 Light Gauge	150	6000
150 Heavy Gauge	150	6000
200 Light Gauge	200	6000
200 Heavy Gauge	200	6000

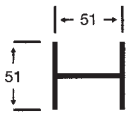
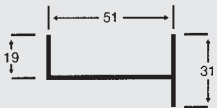
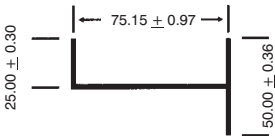
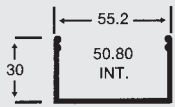
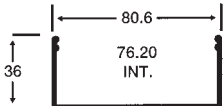
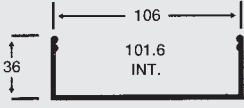
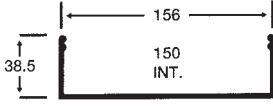
Street Sections - Brackets

DESCRIPTION	Size	Suitable For	Use
AL 16 AL 18 	135 185	150 Blade 200 Blade	1 Way 1 Way
AL 26 AL 28 	135 185	150 Blade 200 Blade	2 Way 2 Way
AL 36 AL 38 	135 185	150 Blade 200 Blade	3 Way 3 Way
ALT 6 ALT 8 	135 185	150 Blade 200 Blade	Telegraph Pole Telegraph Pole
TD 1 	60mm OD	Face Signs	Road Signs

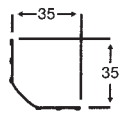
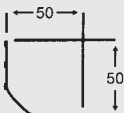
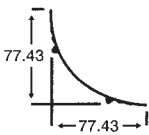
Street Sections - Brackets *(continued)*

DESCRIPTION	Size	Suitable For	Use
TD 2 	60mm OD	Face Signs	Road Signs

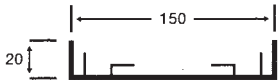


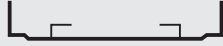

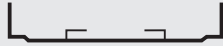

Coolroom

DIAGRAM	ALLOY TEMPER	LENGTH	Anod. per	Mass Kg/m
	6060 T5	4.88		
	6060 T5	6.50		
	6060 T5	6.5		
	6060 T5	6.5	226	0.50
	6060 T5	6.5	302	0.682
	6060 T5	6.5	342	0.77
	6060 T5	6.5	460	1.25

Coolroom *(continued)*

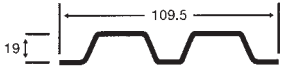
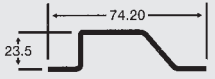
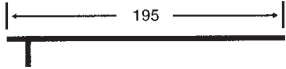

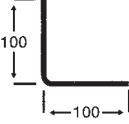
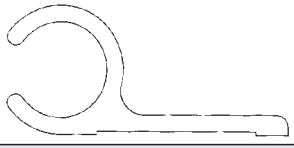
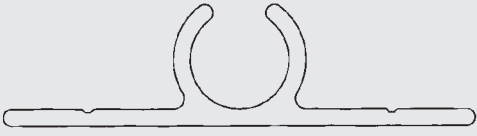
DIAGRAM	ALLOY TEMPER	LENGTH	Anod. per	Mass Kg/m
35mm 	6060 T5 6060 T5	6.50 6.50	118 118	0.25 0.233
50mm 	6060 T5	6.50	183	0.46
75mm 	6060 T5	6.5	261	0.84

Signbox

DIAGRAM	ALLOY TEMPER	LENGTH
Sign Box 150mm 	6060 T5	6.50
Sign Box 200mm 	6060 T5	6.50
1650160 SS1 150mm Sign Box (N6532) 		6.00
1650260 SS2 150mm Sign Box (N7830) 		6.00
1650360 SS3 200mm Sign Box (N7831) 		6.00
1650460 SS4 250mm Sign Box (N5142) 		6.00
1650560 SS5 100mm Sign Box (N9033) 		6.00

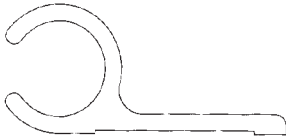


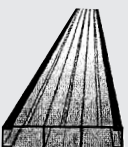
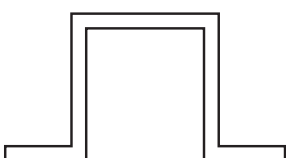
Transport

We deal with a few transport sections as listed in the table below.
The roofing coil can be cut to your requirements with no minimum length required.

DIAGRAM	ALLOY TEMPER	LENGTH
Double Rub Rail 	6060 T5??????? 6060 T5	4.885 6.50
Single Rub Rail 	6060 T5??????? 6060 T5	4.885 6.50
Double Rub Rail End Caps	Per Pair	
Double Rub Rail End Caps	Per Pair	
Bottom Guide Rail - Polished 	6463 T5	6.50
Custom Angle - Polished 65mm 	6063	6.50
Custom Angle - Polished 100mm 	6063????? 6063	6.00 6.50
Roofing Coil	2515 x 0.8mm thick	Upon Request
Rope Track - Single 		6.500
Rope Track - Double 		6.500

Miscellaneous Sections

There are a number of miscellaneous sections that we deal with and can order upon your request. Some of the more common miscellaneous sections are listed below

DESCRIPTION		LENGTH	
Sail Track		6.50	
J-Mould		4.00	
Slat Wall		2.40	
Scaffolding Planks - Load: 245kgs over 2.6m span		MPLANK3 3.0	
MPLANK4		4.0	
MPLANK4		5.0	
MPLANK4		6.0	
Scaffold planks have been tested to Australian Standard AS1577. Test Report 3A/311 - Dated July 2003			
Test	Australian Standard	No. Tested	Test Result
SLIP	AS1577 - APPENDIX D: 1993	2	PASSED
SLIDING	AS1577 - APPENDIX C: 1993	2	PASSED
STIFFNESS	AS1577 - APPENDIX A: 1993	2	PASSED
STRENGTH	AS1577 - APPENDIX D: 1993	2	PASSED
TOP HATS			

Scaffold Tube



DESCRIPTION	LENGTH (m)	ANOD. PER	MASS Kg/m
ROT4844 - 48.44 x 4.47	6.10	152	1.67

Security Grill - One Way Mesh Sizes

Available in different colours - please enquire in the office

LENGTH (m)
1220 x 2440mm
750 x 2000 mm
825 x 2000 mm
900 x 2000 mm



12 Edelmaier St, Bayswater, Vic, 3153
Phone: 03 9729 0644
Fax: 03 9729 0766
Email: sales@aluminiumexpress.com.au

Opening Hours: Monday - Friday 8:15am - 4:45pm. Saturday 8:30am to 12:00pm