



stocked

product catalogue

Aluminium Solutions

NALCO



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Welcome to NALCO

At NALCO, our company vision is creating 'a better world for our customers'. We're a truly customer-driven organization that delivers innovative aluminium solutions, tailored to our clients' specific needs across an extensive range of markets and industries.

NALCO's aluminium features in a hugely diverse range of applications - ranging from; architectural products, windows and doors, truck bodies or ship-building; to small electronic components, medical products and LED lighting.

Innovation plays an important role in our business. We're constantly evolving our technology, developing patented new products and leading industry best-practice - whether we're expanding our export markets, achieving the top level of workplace health & safety accreditation, or launching NZ's first online aluminium store. In recent years, we were proud to win the Supreme Award at the prestigious Manukau Business Awards.

We're fortunate to have many of New Zealand's most talented and experienced aluminium industry professionals within our team. Their expertise and enthusiasm is evident in all areas of our business - from R&D and design, to operations, customer support and sales.

If you'd like to know what aluminium can do for your business, we invite you to talk with us today.

Ron Holden

A handwritten signature in black ink, appearing to read 'Ron Holden', with a long horizontal flourish extending to the right.

Managing Director
National Aluminium Ltd (NALCO)

NALCO is an award winning New Zealand designer, manufacturer and exporter of aluminium extrusions and extrusion-based building systems. We also import and distribute rolled and specialty extruded product for both local and overseas markets.

Our core business is providing a range of aluminium products and services to industry and servicing the building sector with leading proprietary windows and door systems. NALCO supports this through a capable team responsible for research and design, technical sales support, marketing and distribution.

Our operation network

At the heart of NALCO's manufacturing operations is our extrusion plant and powder coating lines, based in Hamilton. This plant supplies product to local manufacturing and export customers along with our extensive window and door fabricator network.

- NALCO Aluminium Solutions service customers via three Aluminium Branches located in Auckland, Hamilton, Christchurch and a National Distribution Centre. Our Branches stock and supply the widest range of sheet, plate, treadplate, coil and extruded aluminium profiles, along with custom design and extrude to order services.
- For the convenience of our customers, NALCO has launched the country's first online aluminium store, where orders can be place online 24/7, www.nalcoshop.co.nz
- NALCO Building Products has grown to become an industry leader, supplying the architectural windows and doors industry with a range of products, marketed under the brand names Bradnams and Nulook. The company-owned Bradnams operation has five branches nationwide; while there are 50 licensed fabricators for our well-known Nulook brand.

 <ul style="list-style-type: none"> • Extruders of aluminium profiles • Die Design • Stockists of extrusion, sheet, plate and coil • Designers of patented windows and doors systems • Aluminium Light Fabrication • Powder Coating, Anodising 	<h3>Aluminium Solutions</h3> <p>3 NALCO Branches and National Distribution Centre</p> <ul style="list-style-type: none"> • Building and Construction • Marine • Metal Fabrication • Road & Transport Industry • General Manufacturing • Appliance Manufacturers
	<h3>Building Products</h3> <p>5 Bradnam's Branches Nationwide</p> <p>50 Nulook Fabricators Nationwide</p> <ul style="list-style-type: none"> • Group Housing and Targeted Commercial Markets • Architectural, Residential and Commercial Markets



Extrusion Products and Services

NALCO has a reputation for high-quality extrusion and manufacture of aluminium profiles, from basic shapes to intricate complex designs.

Our stocked range of profiles include: Angles, Channels, Rod & Bar, Tubes & Hollows, Tee's, I-Beam's, Transport Sections, Insect & Security Screens, and Architectural Profiles.

We also offer made-to-order services for custom designs and large mill run orders. Our team can provide a total solution - from design, alloy selection and technical support.

Our extrusion operation is supported by:

Die Design

Our experienced Die Drawing Team assists companies with die design and modification, to ensure quality-consistent results and improved Mill performance.

Aluminium Light Fabrication (ALF)

NALCO's Aluminium Light Fabrication operation can provide cutting, drilling and punching of extrusion to meet special tolerances.

Surface Finishing

Powder Coating

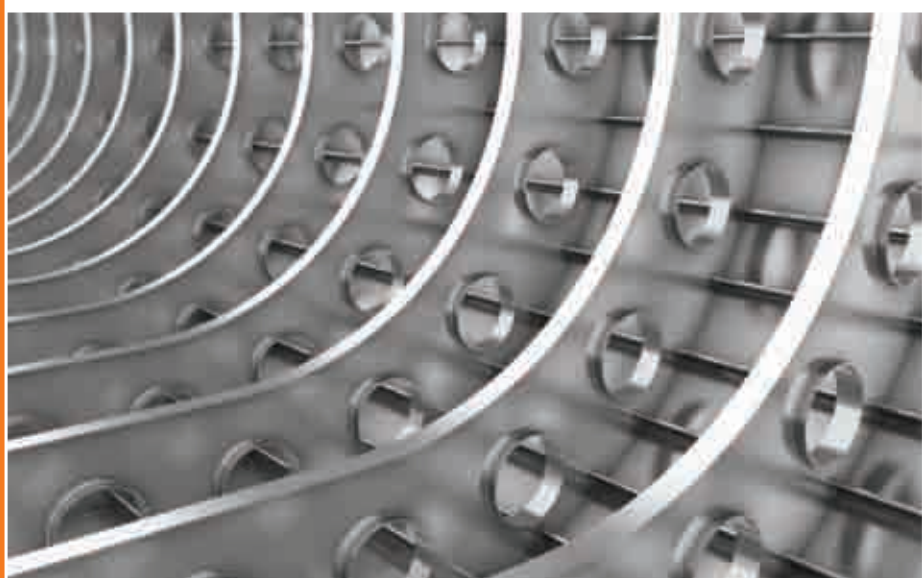
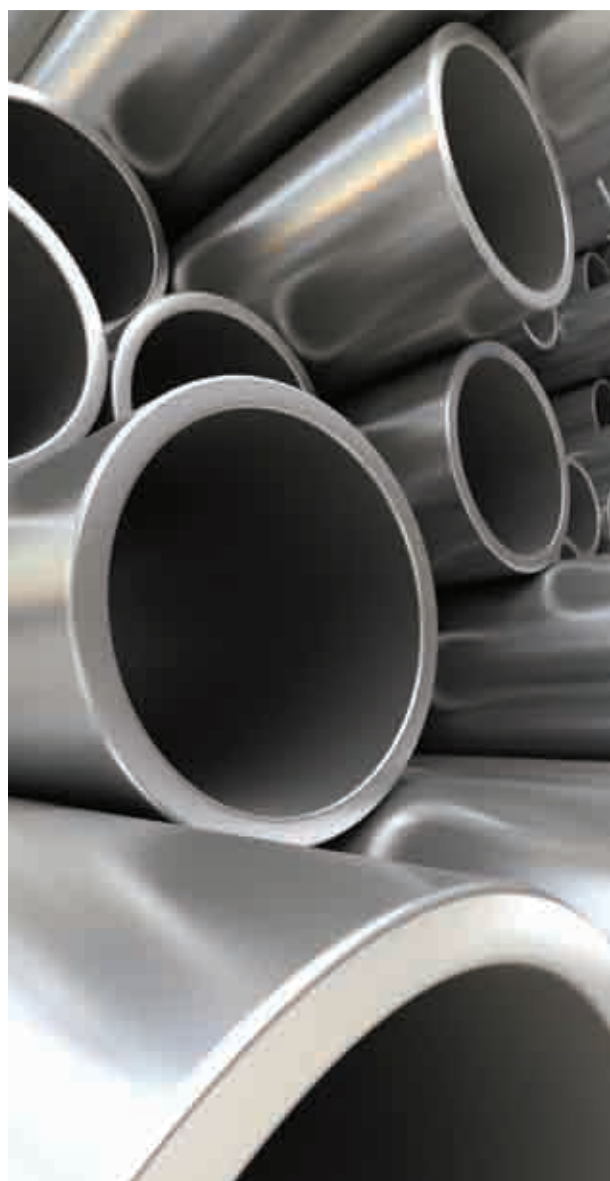
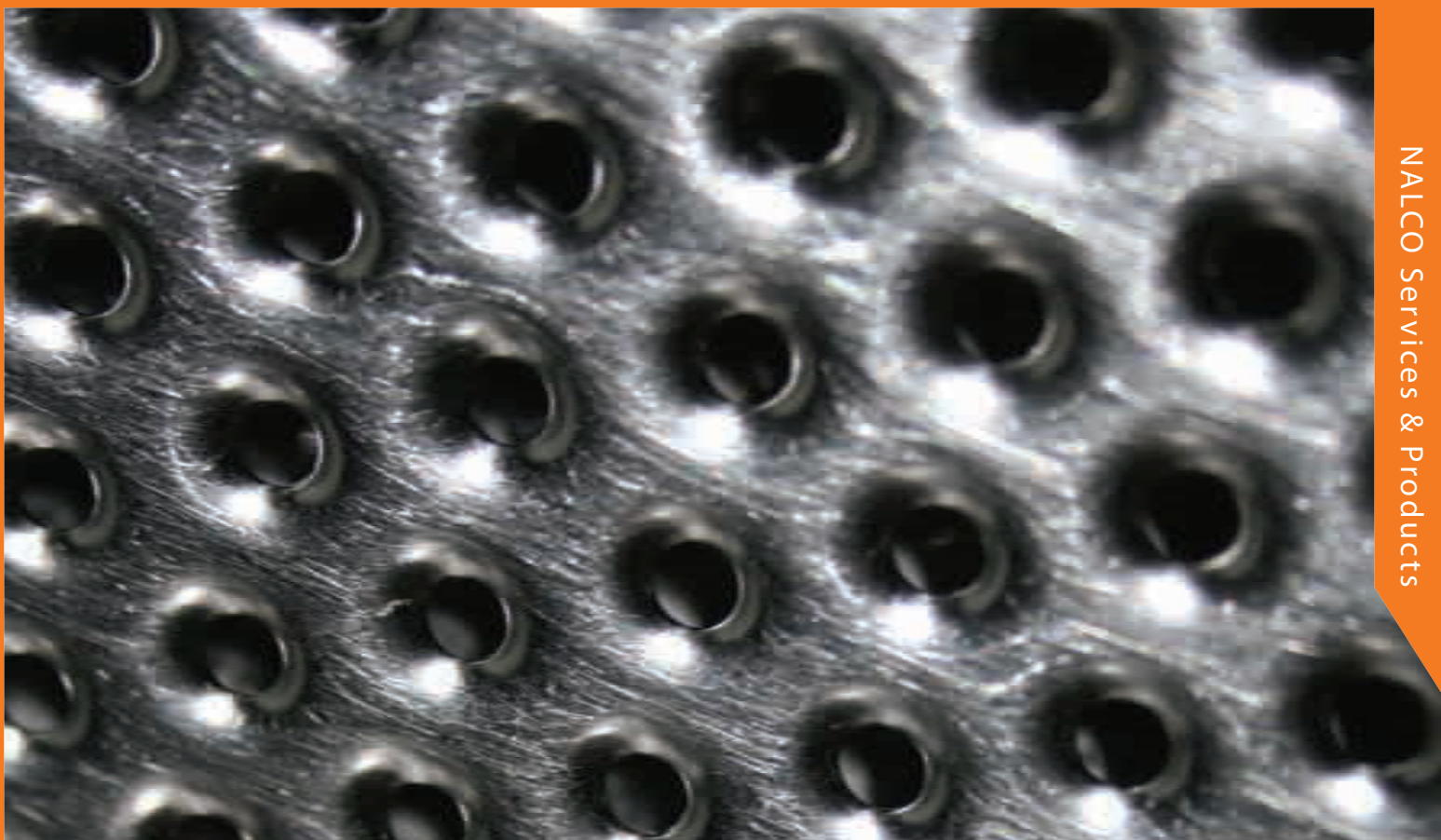
NALCO's powder coating facility operates under Australian / New Zealand Standards AS/NZS3715 for powder coating applications; and is an approved Q base, EnduroColour, Gold Akzo Nobel and Orica applicator.

Anodising

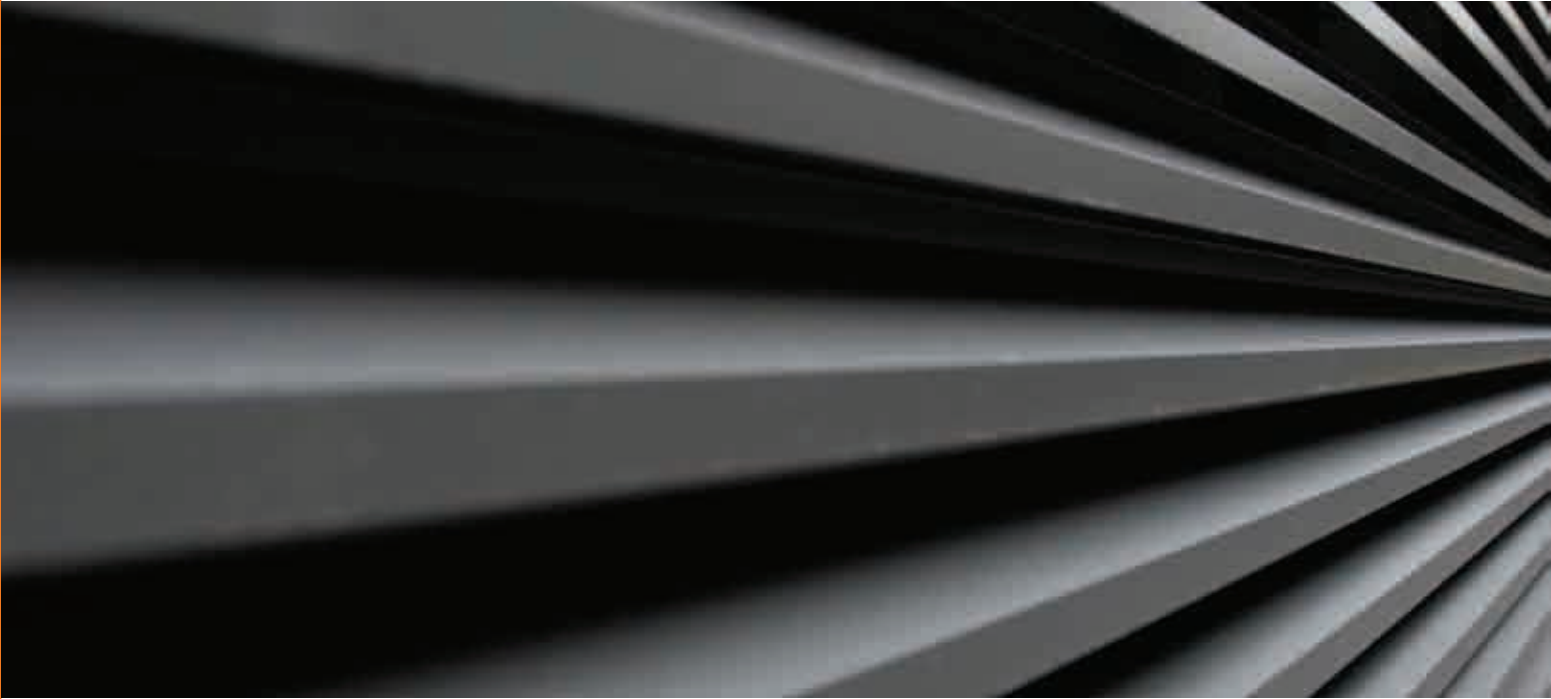
NALCO offer anodising on mill run orders available in 12, 20 & 25 micron.

Anodising comes in Bronze, Silver and Black as defined by the WANZ Standards.

Anodising finishes are all produced to meet the Window Association of New Zealand (WANZ) standards.



NALCO



Rolled Products and Services

NALCO stock and supply one of the widest range of aluminium sheet, plate, and coil in New Zealand.

Our stocked range of products include:

- Coil
- Flat Sheet
- Heavy Gauge Flat Sheet
- Treadplate
- Stucco
- Plate

Indent Solutions

NALCO also offers indent solutions for specialist aluminium materials and special alloys. Through our extensive international trading contacts, we can procure products from major European, Asian and American manufacturers.

Cutting Services

NALCO offers a range of cutting services - providing you with products that are easier to handle, reduce waste, and speed up your manufacturing process.

CNC Router:

NALCO can profile-cut your sheet and extrusion, offering advantages in speed and precision over alternative cutting methods.

Plate and Band Saw:

NALCO have a number of saws available to cut Plate and Bar at East Tamaki, up to 300mm thick.

Export Services

NALCO's Export team provide tailored product and service solutions to customers throughout the Pacific and Australasia.

NALCO Exports offer;

- Private die extrusions
- Standard extrusion, plate and rolled products
- Residential and commercial window and door systems
- Hardware and components
- Cutting services and surface finishing

Foreword

1. Synopsis

The stocked product catalogue gives metric data for rolled and extruded products that are available from stock. The Mill product catalogue gives metric data for extruded products that are available from the Mill in standard production quantities. The Technical catalogue provides detailed technical information on the properties of aluminium and its use.

2. Special Alloys and Products

NALCO have supply partnerships with major European, Asian and American manufacturers and distributors. We can usually provide a solution to enquiries for hard to find aluminium materials.

Enquiries should be directed to your Account Manager or freephone 0800 77 77 44.

3. Range

The range of extrusions available is constantly changing, enquiries for shapes not listed may be made by contacting your Account Manager or freephone 0800 77 77 44.

4. Shape

All dimensions are in millimetres. Major dimensions only are shown. Fully dimensioned drawings are available on request via your Account Manager or freephone 0800 77 77 44.

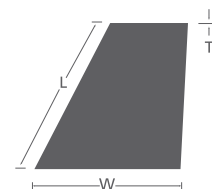
5. Weight

Extrusion weights are in kg/m.

6. Price

Prices may be obtained on enquiry to any NALCO Aluminium Centre.

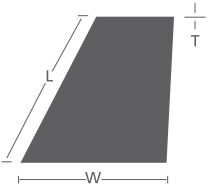
flat sheet



ORDER CODE	Product	Thickness mm	Width mm	Length mm	Finish	Alloy Temper
100136	General Purpose	0.7	1200	2400	MF	5005 H34
100155	General Purpose	0.9	1200	2400	MF	5005 H34
100164	General Purpose	0.9	1200	3600	PE	5005 H34
100177	General Purpose	1.2	1200	2400	MF	5005 H34
N 101851	General Purpose	1.2	1200	3000	MF	5005 H32
101961	General Purpose	1.2	1200	3600	PE	5005 H34
101384	General Purpose	1.6	900	2400	PE	5005 H34
100206	General Purpose	1.6	1200	2400	PE	5005 H34
N 100200	General Purpose	1.6	1200	2400	MF	5005 H34
N 101435	General Purpose	1.6	1200	3600	PE	5005 H34
N 101155	Marine Grade	1.6	1200	2400	MF	5052 H32
100216	General Purpose	1.6	1500	3600	MF	5005 H34
100228	Marine Grade	2.0	900	2400	MF	5052 H34
N 100238	General Purpose	2.0	1200	2400	MF	5005 H34
101392	Marine Grade	2.0	1200	2400	PE	5052 H32
N 100252	Marine Grade	2.0	1200	2400	MF	5052 H34
100274	Marine Grade	2.5	900	2400	MF	5052 H34
101440	Marine Grade	2.5	1200	2400	PE	5052 H34
N 101442	Marine Grade	2.5	1200	4800	PE	5052 H32
101444	General Purpose	3.0	1200	2400	PE	5005 H34
101301	Marine Grade	3.0	1200	2400	PE	5052 H32
100327	Marine Grade	3.0	1200	6100	MF	5052 H32
101385	General Purpose	3.0	1500	3600	PE	5052 H32
N 102081	Marine Grade	3.0	1524	6100	MF	5052 H32
100342	Marine Grade Certified	3.0	1830	6100	MF	5083 H321
N 100464	Marine Grade Certified	16.0	1830	6100	MF	5083 H321

General Purpose
Engineering Grade
Marine Grade
Marine Grade Certified

Low to medium strength with good formability
High strength, machinable
Medium to high strength, machinable
Medium to high strength, machinable, certified to Lloyds Register of Shipping specification

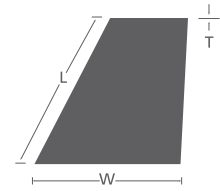


heavy gauge flat sheet

ROLLED PRODUCTS

ORDER CODE	Product	Thickness mm	Width mm	Length mm	Finish	Alloy Temper
100354	Marine Grade	4.0	1200	2400	MF	5052 H32
N 100360	Marine Grade Certified	4.0	1200	2400	MF	5083 H321
N 100365	Marine Grade Certified	4.0	1200	4800	MF	5083 H321
100367	Marine Grade Certified	4.0	1200	6100	MF	5083 H321
N 100030	Marine Grade Certified	4.0	1200	6800	MF	5083 H321
101481	Marine Grade Certified	4.0	1530	7500	MF	5083 H321
100991	Marine Grade Certified	4.0	1530	9000	MF	5083 H321
N 102031	Marine Grade Certified	4.0	1830	6100	PE	5083 H321
100376	Marine Grade Certified	4.0	1830	6100	MF	5083 H321
100393	Marine Grade	5.0	1200	2400	MF	5052 H32
N 100398	Marine Grade Certified	5.0	1200	2400	MF	5083 H321
N 100402	Marine Grade Certified	5.0	1200	4800	MF	5083 H321
100404	Marine Grade Certified	5.0	1200	6100	MF	5083 H321
N 102273	Marine Grade Certified	5.0	1830	6100	PE	5083 H321
100411	Marine Grade Certified	5.0	1830	6100	MF	5083 H321

plate



ORDER CODE	Product	Thickness mm	Width mm	Length mm	Finish	Alloy Temper
100421	Marine Grade	6.0	1200	2400	MF	5052 H32
N 100427	Marine Grade Certified	6.0	1200	2400	MF	5083 H321
N 100430	Marine Grade Certified	6.0	1200	6100	MF	5083 H321
N 102271	Marine Grade Certified	6.0	1830	6100	PE	5083 H321
N 100439	Marine Grade Certified	8.0	1200	2400	MF	5083 H321
N 100443	Marine Grade Certified	8.0	1830	6100	MF	5083 H321
100447	Marine Grade Certified	10.0	1200	2400	MF	5083 H321
100453	Marine Grade Certified	10.0	1830	6100	MF	5083 H321
100454	Marine Grade Certified	12.0	1200	2400	MF	5083 H321
100458	Marine Grade Certified	12.0	1830	6100	MF	5083 H321
N 100465	Engineering Grade	20.0	1524	3650	MF	6061 T651
100466	Marine Grade Certified	20.0	1524	3650	MF	5083 H321
N 100469	Engineering Grade	25.0	1524	3650	MF	6061 T651
N 100470	Marine Grade Certified	25.0	1524	3650	MF	5083 H321
100475	Marine Grade	32.0	1524	3650	MF	6061 T651
N 102063	Marine Grade Certified	32.0	1524	3650	MF	5083 H112
100479	Engineering Grade	40.0	1524	3650	MF	6061 T651
100482	Engineering Grade	50.0	1524	3650	MF	6061 T651
100483	Engineering Grade	65.0	1524	3650	MF	6061 T651
100484	Engineering Grade	80.0	1524	3650	MF	6061 T651

General Purpose
 Engineering Grade
 Marine Grade
 Marine Grade Certified

Low to medium strength with good formability
 High strength, machinable
 Medium to high strength, machinable
 Medium to high strength, machinable, certified to Lloyds Register of Shipping specification

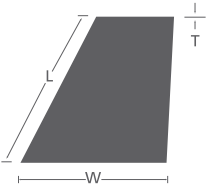
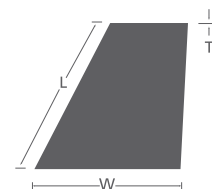


plate continued...

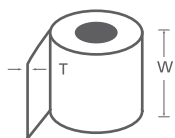
ORDER CODE	Product	Thickness mm	Width mm	Length mm	Finish	Alloy Temper
101192	Marine Grade Certified	80.0	1525	3650	MF	5083 H112
100452	Engineering Grade	100.0	1525	3650	MF	6061 T651
100553	Engineering Grade	114.0	1525	3000	MF	6061 T651
100459	Engineering Grade	127.0	1525	3650	MF	6061 T651
100460	Engineering Grade	155.0	1525	3000	MF	6061 T651
100468	Engineering Grade	203.0	1537	3670	MF	6061 T651
100471	Engineering Grade	254.0	1524	3670	MF	6061 T651
100472	Engineering Grade	305.0	1250	1800	MF	6061 T651
100472	Engineering Grade	305	1250	1800	MF	6061 T651

ROLLED PRODUCTS

tread plate



ORDER CODE	Product	Thickness mm	Width mm	Length mm	Finish	Alloy Temper
102341	Stucco	1.2	1200	2400	MF	3003 H14
100197	Propeller Bright	1.6	1200	2400	B	3003 H22
100246	5 Bar Marine	2.0	1200	2400	MF	5052 H114
N 100303	5 Bar Marine	3.0	1200	2400	MF	5052 H114
101331	Propeller Bright	3.0	1200	2400	B	3003 H22
N 102021	5 Bar Marine	3.0	1524	4500	MF	5052 H114
100349	5 Bar Marine	4.0	1200	2400	MF	5052 H114
100374	5 Bar Marine	4.0	1500	4500	MF	5052 H114
100388	5 Bar Marine	5.0	1200	2400	MF	5052 H114
100416	5 Bar Marine	6.0	1200	2400	MF	5052 H114
N 102341	Stucco	1.2	1200	2400	MF	3003 H14

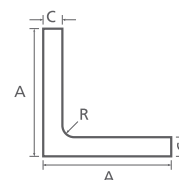


coil

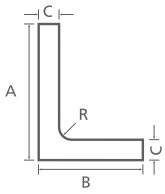
ROLLED PRODUCTS

ORDER CODE	Product	Thickness mm	Width mm	Finish	Alloy Temper
100028	Possum Coil 25kg Rewound Roll	0.5	600	MF	5005 H34
N 100130	Possum Coil 25kg (Approx 22m)	0.5	914	MF	5005 H34
101356	General Purpose Coil	0.7	1220	MF	5005 H12
100154	Marine/Rollforming/Roofing Coil	0.9	940	MF	5052 H36
101358	General Purpose Coil	0.9	1220	MF	5005 H12
100170	Marine/Rollforming/Roofing Coil	0.9	1220	MF	5052 H36
100174	Transport/Motorbody wide Coil	0.9	2450	MF	3003 H16
100188	General Purpose Coil	1.2	1200	MF	5005 H34
100272	Marine Grade Coil	2.5	450	MF	5052 H34

angles equal



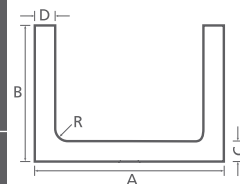
ORDER CODE	Die Number	A	C	R	Alloy Temper	Length mm	Mass kg/m
803531	E00073	12.5	1.6	1.6	6060 T5	5000	0.104
803530	E00046	20.0	1.6	0.8	6060 T5	5000	0.167
804674	EK9108	20.0	3.0	0.0	6060 T5	5000	0.300
803638	E02454	25.0	1.5	0.0	6060 T5	5000	0.197
804688	EK9217	25.0	3.0	0.0	6060 T5	5000	0.379
804781	E00044	25.4	6.4	0.8	6261 T5	5000	0.768
805233	E08237	30.0	6.00	2.0	6261 T5	7500	0.868
803579	E00700	31.7	4.8	0.0	6060 T5	5000	0.753
804780	E00043	31.7	6.4	0.8	6261 T5	5000	0.978
804675	EK9118	32.0	3.0	0.0	6060 T5	5000	0.494
806689	E08238	40.0	6.0	2.0	6261 T5	5000	1.192
806693	E08238	40.0	6.0	2.0	6261 T5	7500	1.192
803580	E00701	40.0	4.5	0.0	6060 T5	5000	0.915
804678	EK9124	40.0	3.0	0.0	6060 T5	5000	0.624
804677	EK9123	40.0	1.6	0.0	6060 T5	5000	0.338
804935	E04012	50.0	6.0	0.8	6261 T5	5000	1.521
803646	E03409	50.0	4.0	0.0	6060 T5	5000	1.035
804681	EK9132	50.0	3.0	0.0	6060 T5	5000	0.786
803685	E04968	50.0	1.5	0.0	6060 T5	5000	0.398
N 804935	E04012	50.0	6.0	0.8	6261 T6	5000	1.521
804682	EK9136	60.0	6.0	0.0	6060 T5	5000	1.847
804946	E04167	75.0	9.0	0.0	6261 T5	5000	3.426
804944	E04166	75.0	6.0	0.0	6261 T6	5000	2.330
809328	E11893	100.0	10.0	0.0	6060 T5	5000	5.129
803605	E01558	100.0	6.0	0.0	6060 T5	5000	3.149



angles unequal

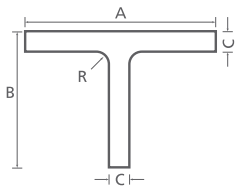
ORDER CODE	Die Number	A	B	C	R	Alloy Temper	Length mm	Mass kg/m
804672	EK9105	20.0	12.0	1.6	0.0	6060 T5	5000	0.131
803595	E01377	22.0	12.0	3.0	1.0	6060 T5	5000	0.248
803613	E01745	25.0	12.0	1.6	0.0	6060 T5	5000	0.151
N 804821	E00793	30.0	20.0	3.0	0.0	6060 T5	5000	0.381
803657	E04071	32.0	20.0	1.5	0.0	6060 T5	5000	0.203
803576	E00682	32.0	25.0	3.0	0.0	6060 T5	5000	0.437
803577	E00685	40.0	20.0	1.6	0.0	6063 T5	5000	0.252
820408	E13094	40.0	20.0	3.0	0.0	6060 T5	5000	0.464
804471	E11481	40.0	25.0	1.5	0.0	6060 T5	5000	0.257
804676	EK9122	40.0	25.0	3.0	0.0	6060 T5	5000	0.502
804679	EK9128	50.0	20.0	3.0	0.0	6060 T5	5000	0.543
820410	E13095	50.0	20.0	1.6	0.0	6060 T5	5000	0.296
804470	E11480	50.0	25.0	1.5	0.0	6060 T5	5000	0.297
804680	EK9130	50.0	25.0	3.0	0.4	6060 T5	5000	0.583
806198	E11691	60.0	30.0	6.0	3.0	6261 T6	5000	1.336
N 808042	E01373	50.0	38.0	5.0	1.0	6063 T5	5000	1.118
803542	E00149	65.0	25.0	3.0	6.0	6060 T5	5000	0.726
803698	E05289	75.0	25.0	3.0	1.0	6060 T5	5000	0.783
803636	E02380	75.0	50.0	4.5	0.0	6060 T5	5000	1.462
803586	E01077	75.0	50.0	6.0	0.0	6060 T5	5000	1.926
803599	E01474	80.0	40.0	3.0	0.0	6060 T5	5000	0.956
804472	E11482	100.0	50.0	3.0	0.0	6060 T5	5000	1.191
805342	E08933	100.0	50.0	6.0	0.0	6261 T5	5000	2.332
804985	E04733	150.0	75.0	6.0	2.0	6261 T5	5000	3.544

channels



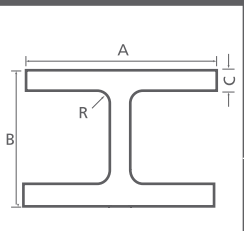
ORDER CODE	Die Number	A	B	C	D	R	Alloy Temper	Length mm	Mass kg/m
*803532	E00074	12.7	12.7	2.4	2.4	0.0	6060 T5	5000	0.216
*803651	E03815	14.7	18.0	1.6	1.6	0.0	6060 T5	3000	0.205
803652	E03815	14.7	18.0	1.6	1.6	0.0	6060 T5	5000	0.205
803730	E06500	16.0	16.0	1.6	1.6	0.0	6060 T5	5000	0.191
803584	E00794	17.5	31.8	2.4	2.4	0.0	6060 T5	5000	0.488
*804683	EK9154	20.0	20.0	2.5	2.5	0.5	6060 T5	5000	0.371
803639	E02493	22.0	12.0	1.5	1.5	0.0	6060 T5	5000	0.173
803534	E00083	22.0	22.0	3.0	3.0	0.5	6060 T5	5000	0.483
803641	E03015	25.0	25.0	3.0	3.0	0.8	6060 T5	5000	0.561
803637	E02430	25.0	25.0	1.6	1.6	0.0	6060 T5	5000	0.311
803634	E02319	25.4	50.8	2.3	2.3	1.6	6060 T5	5000	0.761
*803543	E00152	30.0	25.0	3.0	3.0	6.0	6060 T5	5000	0.640
815505	E12550	38.0	38.0	1.6	1.6	0.0	6060 T5	6000	0.478
803588	E01140	38.1	38.1	3.2	3.2	0.0	6060 T5	5000	0.933
804684	EK9161	40.0	20.0	3.0	3.0	0.5	6060 T5	5000	0.599
804685	EK9162	40.0	25.0	3.0	3.0	0.0	6060 T5	5000	0.677
805060	E06029	44.5	38.1	5.0	5.0	1.0	6261 T5	5000	1.490
804687	EK9215	50.0	25.0	3.0	3.0	0.0	6060 T5	5000	0.761
803546	E00186	63.5	25.4	3.2	3.2	3.2	6060 T5	5000	0.885
809228	E00076	75.0	40.0	6.0	8.0	7.5	6261 T6	5000	2.749
803578	E00699	75.0	40.0	4.5	4.5	7.5	6060 T5	5000	1.837
N 820412	E13096	80.0	40.0	3.0	3.0	0.0	6060 T5	5000	1.253
803581	E00720	90.0	30.0	3.0	3.0	3.0	6060 T5	5000	1.177
803596	E01392	100.0	25.0	3.0	3.0	0.8	6060 T5	5000	1.160
804936	E04013	100.0	50.0	6.0	6.0	0.8	6261 T5	5000	3.044
804654	EB1208	100.0	50.0	3.0	3.0	0.8	6060 T5	5000	1.571
804786	E00080	150.0	75.0	6.0	9.0	12.0	6261 T5	5000	5.948

* Stocked at Central Warehouse, 3 day lead time



tee

ORDER CODE	Die Number	A	B	C	R	Alloy Temper	Length mm	Mass kg/m
803538	E00092	25.0	25.0	3.0	0.8	6060 T5	5000	0.379
803539	E00098	38.0	38.0	4.5	4.5	6060 T5	5000	0.888
816313	E04341	40.0	50.0	6.0	6.0	6261 T6	5000	1.390
804975	E04633	50.0	50.0	6.0	3.5	6261 T5	5000	1.530

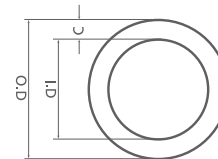


i - beam

ORDER CODE	Die Number	A	B	C	R	Alloy Temper	Length mm	Mass kg/m
N 819940	E08671	40.0	40.0	5.0	2.5	6261 T5	7000	1.471

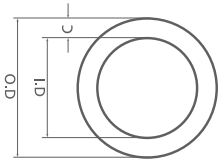
GEOMETRIC PROFILES

round tube



ORDER CODE	Die Number	O.D	C	I.D	Alloy Temper	Length mm	Mass kg/m
807389	EA0719	6.4	1.4	3.5	6060 T5	5000	0.059
803875	E09006	9.5	1.4	6.7	6060 T5	5000	0.098
803648	E03522	12.7	1.4	9.9	6060 T5	5000	0.134
803876	E09009	15.9	2.6	10.6	6060 T5	5000	0.296
803633	E02306	16.0	1.4	13.2	6060 T5	5000	0.173
803871	E08999	19.1	1.4	16.2	6060 T5	5000	0.212
*804629	E40512	20.0	1.2	17.6	6060 T5	5000	0.191
805042	E05916	21.0	3.4	14.3	6261 T5	5000	0.499
803870	E08998	22.2	1.4	19.4	6060 T5	5000	0.251
804763	EX5011	25.0	3.0	19.0	6060 T5	5000	0.560
803723	E06119	25.4	1.4	22.6	6060 T5	5000	0.285
803873	E09003	28.6	1.4	25.7	6060 T5	5000	0.327
804992	E04890	31.0	5.0	21.0	6261 T5	5000	1.100
803668	E04390	31.8	1.4	29.0	6060 T5	5000	0.359
804764	EX5014	32.0	3.0	26.0	6060 T5	5000	0.737
804630	E40676	38.0	3.0	32.0	6060 T5	5000	0.891
803672	E04668	38.1	1.4	35.2	6060 T5	5000	0.440
803631	E02003	40.0	1.6	36.8	6060 T5	5000	0.521
804765	EX5017	40.0	3.0	34.0	6060 T5	5000	0.942
803874	E09005	44.5	3.0	38.5	6060 T5	5000	1.056

* Stocked at Central Warehouse, 3 day lead time

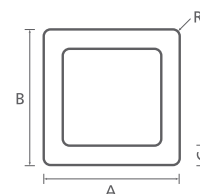


round tube continued...

ORDER CODE	Die Number	O.D	C	I.D	Alloy Temper	Length mm	Mass kg/m
808542	E09472	48.4	4.5	39.5	6060 T5	5000	1.666
804693	EM8780	48.4	4.5	39.5	6061 T6	6000	1.666
803632	E02005	50.0	2.0	46.0	6060 T5	5000	0.812
809514	E11867	50.0	3.0	44.0	6060 T5	5000	1.196
803667	E04356	50.8	1.4	48.0	6060 T5	5000	0.586
803608	E01584	50.8	3.2	44.4	6060 T5	5000	1.290
803713	E05749	50.8	6.0	38.8	6060 T5	5000	2.270
N 813930	E05749	50.8	6.0	38.8	6061 T6	5000	2.270
820499	E13108	57.0	3.0	51.0	6060 T5	5000	1.380
*803609	E01609	58.0	2.0	54.0	6060 T5	5000	0.950
803677	E04794	63.5	3.2	57.1	6060 T5	5000	1.637
803602	E01546	75.0	3.0	69.0	6060 T5	5000	1.830
803603	E01546	75.0	3.0	69.0	6060 T5	7500	1.830
803653	E03898	80.0	2.0	76.0	6060 T5	5000	1.323
806974	EX5026	100.0	3.0	94.0	6060 T5	5000	2.468
804694	EM8830	100.0	6.0	88.0	6061 T6	5000	4.802
807528	EM2017	125.0	3.0	119.0	6063 T6	5000	3.110

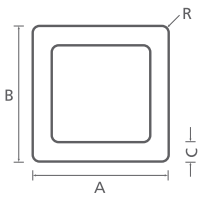
* Stocked at Central Warehouse, 3 day lead time

square & rectangle hollows



ORDER CODE	Die Number	A	B	C	R	Alloy Temper	Length mm	Mass kg/m
803568	E00426	19.0	19.0	1.5	3.0	6060 T5	5000	0.265
*803643	E03308	20.0	15.0	1.5	1.0	6060 T5	5000	0.262
803831	E08541	20.0	20.0	3.0	0.0	6060 T5	5000	0.551
803709	E05632	25.0	25.0	1.6	2.0	6060 T5	5000	0.396
803615	E01781	25.0	25.0	1.8	3.2	6060 T5	5000	0.432
803755	E07564	25.0	25.0	3.0	0.5	6060 T5	5000	0.712
804998	E05071	25.0	25.0	5.0	1.5	6261 T5	5000	1.070
804999	E05071	25.0	25.0	5.0	1.5	6261 T5	7600	1.070
803904	E09272	29.0	29.0	1.6	2.0	6060 T5	5000	0.465
806201	E11695	30.0	30.0	2.5	0.0	6261 T6	5000	0.742
N 808606	EMK996	32.0	32.0	3.0	1.5	6060 T5	5000	0.938
803905	E09273	33.0	33.0	1.6	0.4	6060 T5	5000	0.534
814320	E00193	38.0	38.0	2.0	1.0	6261 T6	5500	0.780
803562	E00352	38.1	19.1	3.2	0.8	6060 T5	5000	0.870
820491	E13099	40.0	20.0	3.0	0.0	6261 T5	5000	5.866
803614	E01771	40.0	40.0	2.0	3.6	6060 T5	5000	0.797
804689	EL7939	40.0	40.0	3.0	0.5	6060 T5	5000	1.199
803696	E05260	40.0	40.0	5.0	2.5	6060 T5	5000	1.877
803699	E05349	42.6	15.6	1.4	0.0	6060 T5	5000	0.418
803585	E00965	50.0	25.0	2.0	0.0	6060 T5	5000	0.767
803768	E07793	50.0	25.0	3.0	3.0	6060 T5	5000	1.090
803592	E01375	50.0	40.0	3.0	0.0	6060 T5	5000	1.360
803547	E00194	50.0	50.0	1.6	0.0	6060 T5	5000	0.836
803724	E06125	50.0	50.0	3.0	3.0	6060 T5	5000	1.503
N 824569	E13586	50.0	50.0	4.0	0.0	6060 T5	5000	1.973
N 805224	E08183	50.0	50.0	5.0	2.0	6261 T6	6000	2.421
803549	E00210	57.0	57.0	3.0	6.0	6060 T5	5000	1.680

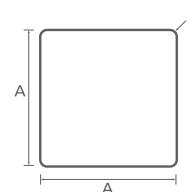
* Stocked at Central Warehouse, 3 day lead time



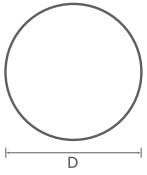
square & rectangle hollows continued...

ORDER CODE	Die Number	A	B	C	R	Alloy Temper	Length mm	Mass kg/m
803741	E06863	60.0	60.0	1.8	1.0	6060 T5	5000	1.130
803593	E01376	65.0	50.0	3.0	0.8	6060 T5	5000	1.770
803708	E05621	75.0	25.0	2.2	0.0	6060 T5	5000	1.130
805304	E08790	75.0	40.0	5.0	6.0	6261 T5	5000	2.754
805305	E08790	75.0	40.0	5.0	6.0	6261 T5	7500	2.754
803670	E04490	75.0	75.0	3.0	1.0	6060 T5	5000	2.414
804741	EMK910	80.0	40.0	3.0		6060 T5	5000	1.854
803600	E01489	100.0	25.0	2.2	1.6	6060 T5	5000	1.428
803573	E00665	100.0	50.0	3.0		6060 T5	5000	2.350
804996	E05069	100.0	50.0	6.0	1.5	6261 T5	5000	4.471
N 820479	E13098	100.0	100.0	6.0	12.0	6261 T5	5000	5.866
806962	E05923	100.0	100.0	3.0	0.8	6060 T5	5000	3.143
813002	EMJ863	150.0	50.0	3.0	0.0	6060 T5	5000	3.154

square bar



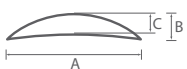
ORDER CODE	Die Number	A	Alloy Temper	Length mm	Mass kg/m
803553	E00242	12.7	6061 T6	5000	0.435
803680	E04825	19.1	6061 T6	5000	0.977
803554	E00246	25.4	6061 T6	5000	1.760
803556	E00248	31.8	6061 T6	5000	2.721
803557	E00250	38.1	6061 T6	5000	3.960
804742	ES0508	50.8	6061 T651	3658	7.140
804743	ES0635	63.5	6061 T651	3658	11.160
804744	ES0762	76.2	6061 T651	3650	15.536
804745	ES1016	101.6	6061 T651	3650	27.939
804746	ES1270	127.0	6061 T651	3650	43.346
804747	ES1524	152.4	6061 T651	3658	62.704



round rod

ORDER CODE	Die Number	D	Alloy Temper	Length mm	Mass kg/m
804653	EA1810	4.8	6060 T5	5000	0.048
803618	E01864	6.3	6060 T5	5000	0.084
804867	E01683	9.5	6261 T6	5000	0.191
804871	E01961	12.7	6261 T6	5000	0.339
806273	EX6002	16.0	6261 T6	5000	0.542
804768	EX6003	20.0	6061 T6	5000	0.848
803623	E01970	25.0	6061 T6	5000	1.320
803625	E01973	31.8	6061 T6	5000	2.144
803628	E01975	38.1	6061 T6	5000	3.060
N 811400	EM0445	44.5	6061 T6	3000	4.190
804727	ER0508	50.8	6061 T651	3658	5.600
804728	ER0635	63.5	6061 T651	3658	8.580
804729	ER0698	69.9	6061 T651	3650	10.387
804730	ER0762	76.2	6061 T651	3650	12.273
804731	ER0889	88.9	6061 T651	3650	16.793
804732	ER1016	101.6	6061 T651	3658	21.992
804734	ER1143	114.3	6061 T651	3658	28.409
804735	ER1270	127.0	6061 T651	3660	34.338
804736	ER1524	152.4	6061 T651	3650	49.451
804737	ER1651	165.1	6061 T651	3650	55.339
804738	ER2159	215.9	6061 T651	3650	98.964
804739	ER2540	254.0	6061 T651	3658	137.400

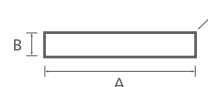
GEOMETRIC PROFILES



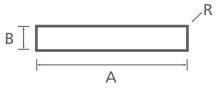
half rounds

ORDER CODE	Die Number	A	B	C	Alloy Temper	Length mm	Mass kg/m
803550	E00236	25.0	4.8	4.0	6063 T5	5000	0.198

flat bar



ORDER CODE	Die Number	A	B	R	Alloy Temper	Length mm	Mass kg/m
803504	E00014	13.0	3.0	0.0	6060 T5	5000	0.106
804753	EX4003	16.0	3.0	0.0	6060 T5	5000	0.130
803499	E00011	20.0	3.0	0.8	6060 T5	5000	0.159
803502	E00013	20.0	5.0	0.0	6060 T5	5000	0.269
804755	EX4005	25.0	3.0	0.4	6060 T5	5000	0.203
803659	E04082	25.0	5.0	0.8	6060 T5	5000	0.335
803511	E00018	25.0	6.0	0.8	6060 T5	5000	0.402
803559	E00275	25.4	9.5	1.6	6060 T5	5000	0.653
803566	E00397	25.4	12.7	0.8	6060 T5	5000	0.869
803591	E01370	31.8	3.2	0.8	6060 T5	5000	0.274
803513	E00022	31.8	6.4	0.0	6060 T5	5000	0.549
803519	E00026	31.8	12.7	0.0	6060 T5	5000	1.090
803522	E00030	32.0	4.5	1.0	6060 T5	5000	0.386
803506	E00015	38.0	3.0	1.0	6060 T5	5000	0.305
803515	E00023	38.0	4.5	0.8	6060 T5	5000	0.461
803508	E00016	38.0	6.0	1.0	6060 T5	5000	0.613
803524	E00032	38.0	10.0	0.8	6060 T5	5000	1.020
803526	E00033	38.1	12.7	0.8	6060 T5	5000	1.320
804758	EX4031	40.0	10.0	0.5	6060 T5	5000	1.080
803572	E00582	50.0	3.0	0.8	6060 T5	5000	0.404
803728	E06241	50.0	4.5	2.0	6060 T5	5000	0.599
804757	EX4024	50.0	6.0	0.8	6060 T5	5000	0.810
806258	EX4024	50.0	6.0	0.8	6261 T5	5000	0.810
N 806259	EX4024	50.0	6.0	0.8	6261 T6	5000	0.810
807828	EX4032	50.0	10.0	0.8	6060 T5	5000	1.350
803528	E00034	50.0	12.0	0.8	6063 T5	5000	1.619
804761	EX4046	50.0	20.0	0.0	6061 T6	5000	2.660
804762	EX4048	50.0	25.0	0.0	6060 T5	5000	3.388
804656	EF0254	50.8	25.4	0.0	6061 T651	3650	3.572
803529	E00041	60.0	6.0	0.8	6060 T5	5000	0.971
808848	E11841	60.0	6.0	3.0	6261 T6	5000	0.951



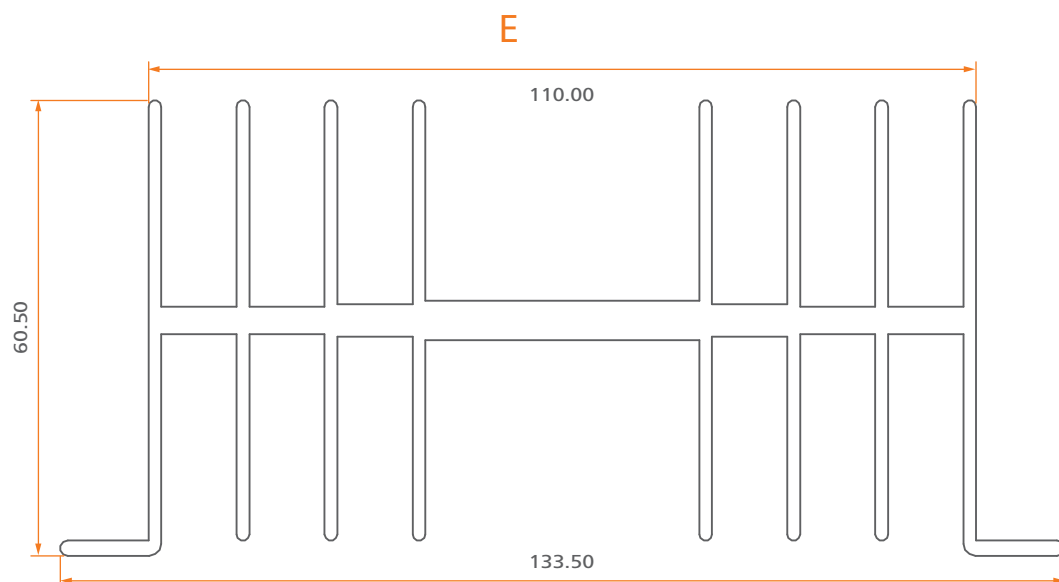
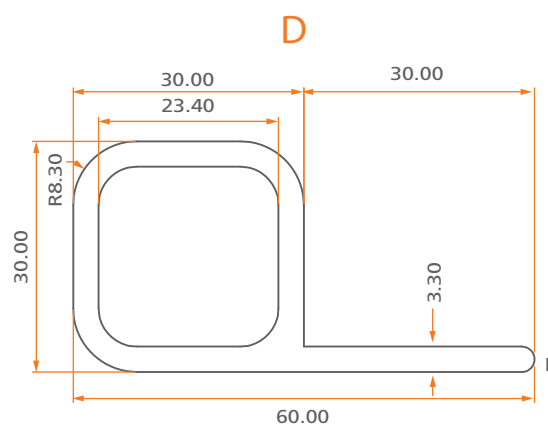
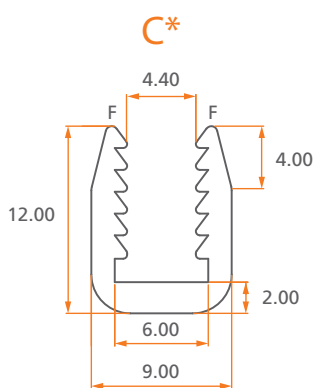
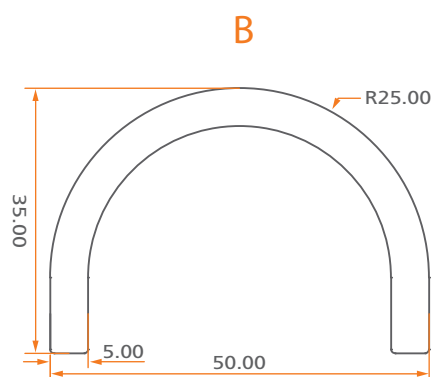
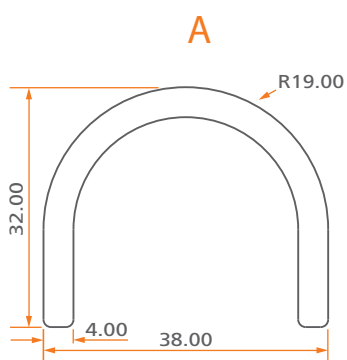
flat bar continued...

ORDER CODE	Die Number	A	B	R	Alloy Temper	Length mm	Mass kg/m
804657	EF0317	63.5	31.8	0.0	6061 T651	3650	5.458
814073	EF0444	63.5	44.5	0.0	6261 T651	3650	7.621
803521	E00027	75.0	3.0	0.0	6060 T5	5000	0.604
803517	E00025	76.2	6.4	0.0	6060 T5	5000	1.305
803501	E00012	76.2	9.5	0.8	6060 T5	5000	1.957
810812	E04158	76.2	12.0	0.0	6063 T6	5000	2.469
804658	EF0381	76.2	38.1	0.0	6061 T651	3658	7.854
804660	EF0508	76.2	50.8	0.0	6061 T651	3650	10.357
804661	EF0635	76.2	63.5	0.0	6061 T651	3660	13.087
N 814916	EM9754	80.0	6.0	3.0	6060 T5	5000	1.275
803662	E04116	100.0	3.0	0.8	6060 T5	5000	0.810
803564	E00361	100.0	6.0	0.8	6060 T5	5000	1.619
804960	E04345	100.0	12.0	1.5	6261 T6	5000	3.235
N 808820	E01518	100.0	14.0	1.6	6261 T5	3000	3.774
804659	EF0401	100.0	40.0	0.0	6061 T651	3000	10.840
803583	E00789	101.6	9.5	0.8	6060 T5	5000	2.610
803597	E01416	101.6	19.1	0.8	6063 T6	5000	5.224
804665	EF1016	101.6	50.8	0.0	6061 T651	3660	13.998
804662	EF0762	101.6	76.2	0.0	6061 T651	3650	20.715
804655	E50114	114.3	101.6	0.0	6061 T651	3658	32.239
804861	E01594	127.0	12.0	0.8	6261 T6	5000	4.113
804663	EF0763	127.0	76.2	0.0	6061 T651	3650	26.712
804666	EF1270	127.0	101.6	0.0	6061 T651	3658	35.533
813337	E12243	150.0	6.0	0.0	6060 T5	5000	2.429
804981	E04731	150.0	10.0	0.0	6261 T5	5000	4.050
N 804822	E00851	150.0	12.0	0.8	6060 T5	5000	4.859
804664	EF0764	152.4	76.2	0.0	6061 T651	3658	32.151

misc architectural profiles

Scale shown at actual size

ORDER CODE	Die Number	Alloy Temper	Length mm	Mass kg/m	Reference
804950	E04215	6261 T5	5000	0.855	A
N 816972	E60961	6060 T6	5000	0.986	B
N 821306	E11710	6063 T4	5000	0.134	C * NOT TO SCALE
N 819938	E04886	6261 T5	7000	1.150	D
N 803645	E03398	6063 T5	3000	3.180	E

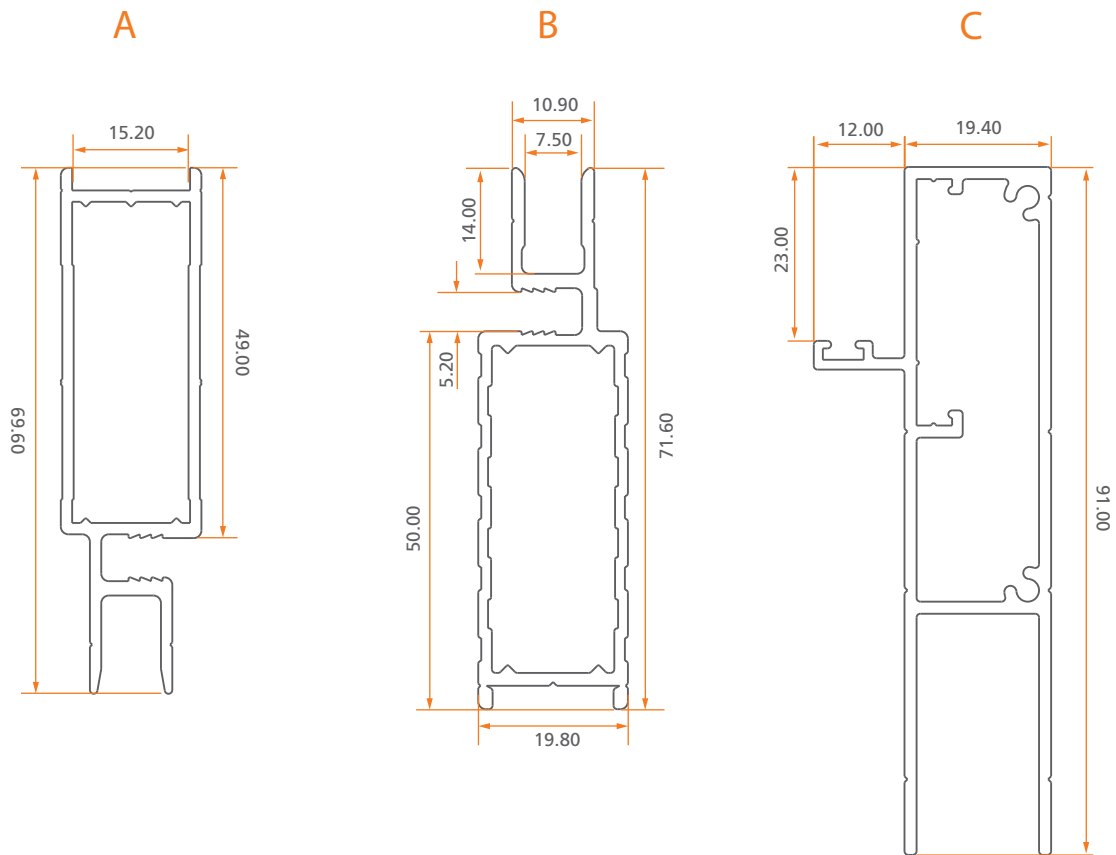


Scale
shown at
actual size

insect & security screens

ORDER CODE	Die Number	Alloy Temper	Length mm	Mass kg/m	Reference
*803683	E04852	6060 T5	3000	0.722	A
*803700	E05426	6060 T5	3000	0.772	B
*803759	E07676	6060 T5	5000	1.084	

* Stocked at Central Warehouse, 3 day lead time



EXTRUDED PRODUCTS

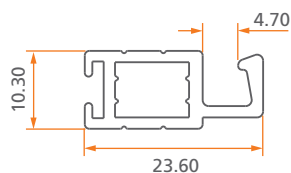
insect & security screens continued...

Scale
shown at
actual size

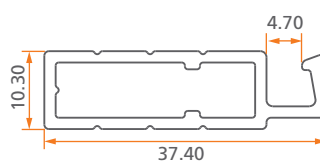
ORDER CODE	Die Number	Alloy Temper	Length mm	Mass kg/m	Reference
*803664	E04273	6060 T5	5000	0.265	A
*803663	E04174	6060 T5	5000	0.373	B
*803660	E04114	6060 T5	4800	0.235	C
*803666	E04338	6060 T5	5000	0.193	D
*803610	E01640	6060 T5	5000	0.138	E
*803651	E03815	6060 T5	3000	0.205	F

* Stocked at Central Warehouse, 3 day lead time

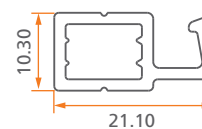
A



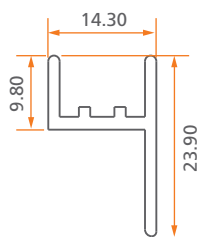
B



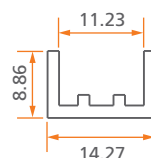
C



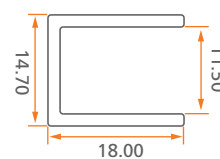
D



E



F

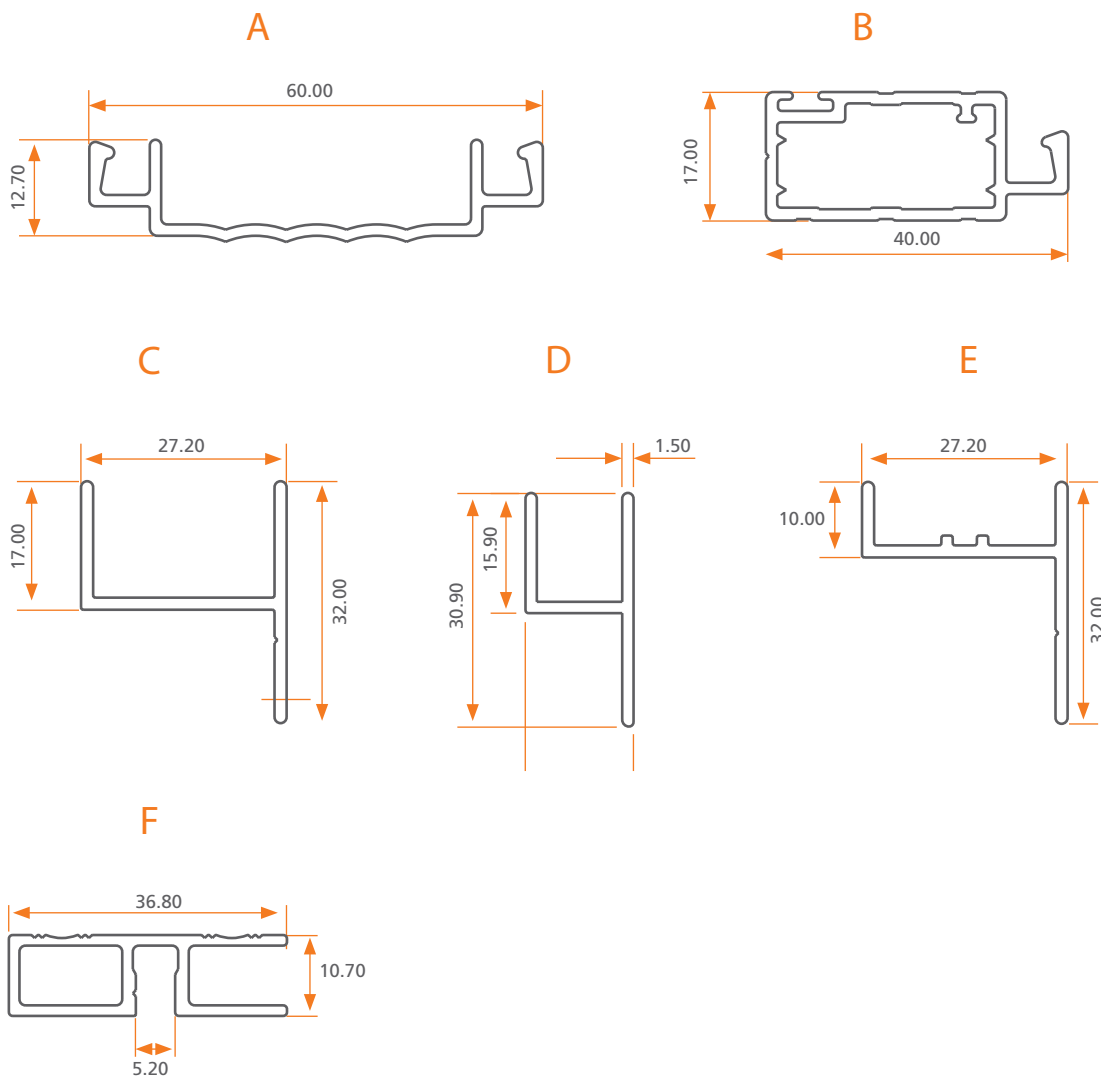


Scale
shown at
actual size

insect & security screens continued...

ORDER CODE	Die Number	Alloy Temper	Length mm	Mass kg/m	Reference
*803703	E05553	6060 T5	2300	0.408	A
*803704	E05554	6060 T5	3000	0.493	B
*803706	E05594	6060 T5	5000	0.313	C
*803665	E04337	6060 T5	5000	0.232	D
*803707	E05595	6060 T5	5000	0.293	E
*803725	E06179	6060 T5	5000	0.350	F

* Stocked at Central Warehouse, 3 day lead time



EXTRUDED PRODUCTS



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