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Orion, Stainless Steel and Aluminium Stockholders and processors

Information Guide

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www.orionalloys.co.uk

Our experienced and friendly sales team are available between 7.30am through to 6pm. They are always on hand to quote, give advice and deal with any enquiries you may have.

A daily delivery service is offered throughout London and the home counties. We operate our own fleet of eight trucks all of which are satellite tracked to enable sales personnel to convey to customers precise delivery times. If you require a timed next day delivery please ask a member of our sales staff.

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Introduction

This booklet is provided as a detailed guide to both what is available from our own stock and also from our producing mills. However as our stocks continually expand, there will always be sections available that are not listed in this guide.

As you will see from both the pictorial and written content of this booklet our range of products and processing services are unrivalled in the south east of England. The entire product range is distributed from our single site here in Harlow Essex, this enables us to offer a next day delivery on virtually all stock products even when ordered as late as 6pm the previous day.

You can call between the hours of 7.30am to 6pm and speak to any member of our sales staff, we always aim to provide the cheapest quote with the fastest delivery.

Processing is all carried out at our Harlow distribution centre and includes a polished finishing centre for flat bar and tube sections, a sawing department for bars, a shearing service for sheet and plate,and a plastic coating service for sheets.

Your enquiries and orders will always be dealt with a welcome from our sales staff, please contact us with any enquiry for stainless steel or aluminium even if it does not appear in this booklet.

We welcome your enquiries.

The Orion sales team

www.orionalloys.co.uk
Email: enquiries@orionalloys.com

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ORION ALLOYS CHECKLIST

STOCK RANGE

Stainless Rounds	☑
Stainless Flats	☑
Stainless Squares	☑
Stainless Hexagons	☑
Stainless Angles	☑
Stainless Unequal Angles	☑
Stainless Channels	☑
Stainless Tee Sections	☑
Stainless Box Section	☑
Stainless Tubes	☑
Stainless Pipe	☑
Stainless Fittings	☑
Stainless Sheet	☑
Stainless Plate	☑
Stainless Treadplate	☑
Stainless Weld Mesh	☑
Aluminium Sheet	☑
Aluminium Treadplate	☑
Aluminium Rounds	☑
Aluminium Flats	☑
Aluminium Angles	☑
Aluminium Box Section	☑
Aluminium Tubes	☑
Aluminium Channels	☑
Aluminium Tee Sections	☑
IN-HOUSE PROCESSING FACILITIES	☑
Guillotined Sheet/Plate	☑
Protective Sheet Coating	☑
Plate Polishing	☑
Tube Polishing	☑
Bar Polishing	☑
Angle Polishing	☑
Bar Sawing	☑
Sheet & Plate Folding	☑

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SURFACE FINISHES		
FINISH No.	Description	Notes
MILL FINISHES		
0	Hot Rolled and Softened but not descaled	Suitable only for certain heat resisting applications as the presence of oxide scale impairs resistance to corrosion. Surface inspection not practical.
1	Hot Rolled and Softened but not descaled	Generally used when smoothness and uniformity of finish are not important. It is permissible for grinding marks to be present.
2D	Cold Rolled, softened & descaled	A uniform matt finish
2B	Cold Rolled, softened, descaled and lightly rolled on polished rolls.	A smooth finish for general applications, brighter than finish No. 2D.
2A	Bright annealed (BA)	A cold rolled reflective finish retained through annealing
POLISHED FINISHES		
3A	Ground	A uniform coarse ground finish generally obtained by treatment with abrasives of 80-100 grit size
3B	Dull Buffed	A uniform straight grained finish, generally achieved in one pass, applied to a 2B or 2A mill finish; produced by polishing with 180 to 220 grit size abrasive belts.
MILL FINISHES		
4	Polished with fine grit	The final polishing, generally produced by treatments with successively finer abrasives of 180 to 240 grit size, gives a undirectional texture, not highly reflective.
7	Bright Buffed	A bright finish, generally applied to a 2B or 2A mill finish, by treatment with a fibre and/or cloth mop, as well as with a suitable polishing compound.
8	Mirror polished	A bright reflective finish with a high degree of image clarity. Produced by polishing with successively finer grits followed by buffing with very fine polishing compounds.

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We can polish any tube or bar to either a satin or bright finish on our centreless polisher. Lead times are fast, usually one to two days.

Stainless round tube and hollow sections are available from stock, in satin and bright finish. We also stock seamless tubes and welded nominal bore pipes.

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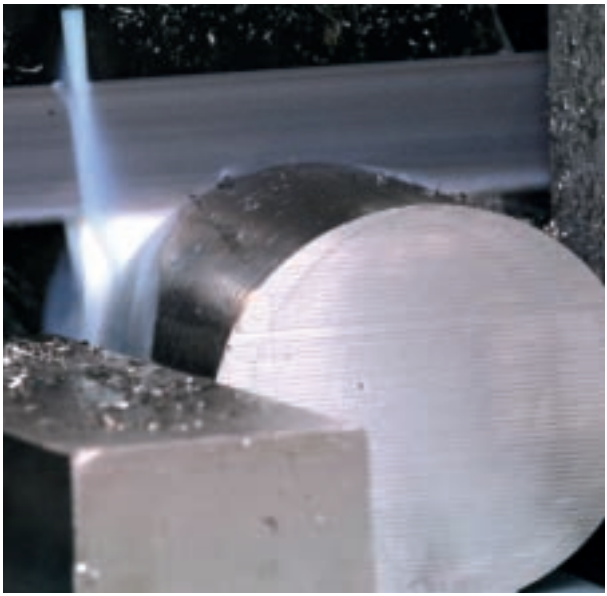

All sections can be sawn to specific lengths in house, lead times are rapid, often cut for delivery the next day.

A Vast range of Stainless Steel bars are kept in many specifications, all sourced directly from European mills. Many non standard sizes are held in stock and are backed up with full certification and traceability.

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BRITISH STANDARD 970 Part 3 1991: Wrought Steels for Mechanical & Allied Engineering purposes Ferritic & Martensitic Stainless & Heat Resisting Steels

Grade	EN(2) No.	C	Si	Mn	(1) P and S	Cr	Mo	Ni	Others	Tensile Strength Rm n/mm²	Yield Stress Re N/mm²	Rp 0.2* N/mm²	A min on 5.6 Root So	Impact Izod ft.lb	Hardness HB	Limiting Ruling Section mm
Ferritic Steels																
403S17	-	0.08	1.0	1.0	P0.040	12.0/14.0	-	0.50	-	Softened	420	280	245	20	-	170 max 150
430S17	56A	0.09/	1.0	1.0	P0.040	16.0/18	-	0.50	-	Softened	430	280	245	20	-	170 max 150
	0.15				S0.030											
Martensitic Steels																
410S21	56A	0.09/	1.0	1.0	P0.040	11.5/13.5	-	1.00	-	P	550/700	370	340	20	<63mm 40	152/207 150
	0.15				S0.030										>63mm 25	
										R	700/850	525	495	15	25	201/255 63
										Softened	-	-	-	-	-	207 max
416S21	56AM	0.09/	1.0	1.5	P0.060	11.5/13.5	0.60	1.00	-	P	550/700	370	340	15	25	152/207 150
	0.15				S0.15/					R	700/850	525	495	11	20	201/255 63
					0.35					Softened	-	-	-	-	-	207 max -
416S29	56BM	0.14/	1.0	1.5	P0.060	11.5/13.5	0.60	1.00	-	P	700/850	525	495	11	20	201/255 150
	0.20				S0.15/					R	775/925	585	555	10	10	223/277 29
					0.35					Softened	-	-	-	-	-	217 max-
416S37	56CM	0.20/	1.0	1.5	P0.060	12.0/14.0	0.60	1.00	-	R	700/850	525	495	11	20	201/255 150
										S	775/925	585	555	10	10	223/277 29
										Softened	-	-	-	-	-	229 max-
416S41	56AM	0.09/	1.0	1.5	0.060	11.5/13.5	0.60	1.00	Se 0.15/	P	550/700	370	430	15	25	152/207 150
										R	700/850	525	495	11	20	201/255 63
										Softened	-	-	-	-	-	179 max
420S29	56B	0.14/	1.0	1.5	P0.040	11.5/13.5	-	1.00	-	R	700/850	525	495	15	<63mm 25	201/255 29
															>63mm 20	
										S	775/925	585	555	13	20	223/277 29
										Softened	-	-	-	-	-	217 max-
420S37	56C	0.20/	1.0	1.0	P0.040	12.0/14.0	1.00	-	-	R	700/850	525	495	15	<63mm 25	201/255 150
		0.28			S0.030										>63mm 20	
										S	775/925	585	555	13	<63mm 20	223/277 150
															>63mm 10	
										Softened	-	-	-	-	-	229 max
431S29	57	0.12/	1.0	1.0	P0.040	15.0/18.0	.0/3.	-	-	T	850/1000	680	635	11	<63mm 25	248/302 150
		.20			S0.030										>63mm 15	
										Softened	-	-	-	-	-	227 max-

EUROPEAN & OLD BRITISH STANDARD BS970 PART 3 : 1991

Wrought Steels for Mechanical & Allied Engineering Purposes Austenitic Stainless & Heat Resisting Steels

Euro	Old British									Tensile					
Standard	Standard									Strength	min	min	A min on	Hardness	Limiting
Grade	Grade	C	Si	MN	P and S	Cr	Mo	Ni	Others	Rm min	Rp 0.2*	Rp 1.0*	5.6√So	HB(1)	Ruling
										N/mm^2	N/mm^2	N/mm^2	max	mm	Section
1.4307	304S11	0.03	1.0	2.0	S0.030	17.0/19.0		9.0/12.0		480	180	215	40	183	160
1.4301	304S31	0.07	1.0	2.0	S0.030	17.0/19.0		8.0/11.0		490	195	230	40	183	160
1.4541	321S31	0.08	1.0	2.0	S0.030	17.0/19.0		9.0/12.0	TI5C/0.80	510	200	235	35	183	160
1.4404	316S11	0.03	1.0	2.0	S0.030	16.5/18.5	2.00/2.50	11.0/14.0		490	190	225	40	183	160
1.4401	316S31	0.07	1.0	2.0	S0.030	16.5/18.5	2.00/2.50	10.5/13.5		510	205	240	40	183	160
	310S31	0.15	1.5	2.0	S0.030	24.0/26.0		19.0/22.0		510	205	240	40	207	160
1.4305	303S31	0.12	1.0	2.0	P.0.06	17.0/19.0	1.0(3)	8.0/10.0		510	190	225	40	183	160
					S0.15/0.35										
	325S31	0.10	1.0	2.0	P.0.045	17.0/19.0		8.0/10.0	TI5C/0.90	510	200	235	40	183	160

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GUIDE TO AUSTENITIC STAINLESS GRADES

Euro Standard	Old British Standard	
1.4305	**303 S31**	Free machining version of 302. By addition of more sulphur and selenium the machinability is greatly improved. Only available bar form.
	304 S15	18% Cr-9% Ni. A general purpose stainless steel. Good formability with lower carbon content than 302 (0.06%). Non-Magnetic when annealed, slightly magnetic when cold worked. Application's include Architectural exteriors, Brewing equipment, Cooking utensils, Dairy, Hospital, Refrigeration and Catering equipment.
1.4307	**304 S11**	(304L) 18% Cr-10% Ni. Low C. A very
1.4301	**304 S31**	low carbon stainless steel, weldable and resistant to corrosion and oxidation. Recommended for use with parts fabricated by welding and which cannot be subsequently annealed. Widely used in the nuclear industry.
1.4404	**316 S11**	(316L) 17% Cr-12% Ni-2.25% Mo.
1.4401	**316 S31**	Low C. A very low carbon stainless steel similar to type 316 S31 but with superior resistance to intergranular corrosion following welding or stress relieving. Non magnetic when annealed, slightly magnetic when cold worked.
1.4541	**321 S31**	18% Cr-9% Ni-Ti. The addition of titanium to this stainless steel makes it suitable for parts fabricated by welding but cannot be subsequently annealed. Recommended for parts between 800ºF and 1650ºF. Non magnetic when annealed, slightly magnetic when worked cold. Applications include some Pressure vessels and heating equipment.
	325 S31	Free machining form of 321. By adding more sulphur the machinability is greatly improved. Available in bar form only.

GUIDE TO MARTENSITIC AND FERRITIC GRADES

MARTENSITIC

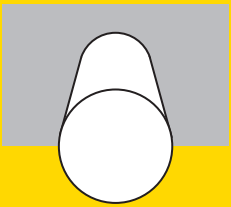
Euro Standard	Old British Standard	
		This group contains a minimum of 12% Chrome and usually a maximum of 14% with Carbon in the range of 0.08%-2.00%. Due to the high Carbon content of the Steel it responds well to heat treatment to give various mechanical strengths, such as hardness, but the Carbon is detrimental when welding and care must be taken during this operation. In the heat treated condition this group of steels show a useful combination of corrosion resistance and mechanical properties that qualify them for a wide range of applications.
1.4006	**TYPE 410**	A 13% Chrome, 0.15% Carbon Stainless Alloy possessing good ductility and corrosion resistance. It can be easily forged and machined and exhibits good cold working properties.
1.4005	**TYPE 416**	Similar to Type 410 but has added Sulphur to improve machinability, usually in Bar form.
1.4057	**TYPE 431**	A 17% Chrome, $2\frac{1}{2}$% Nickel, 0.15% max Carbon Stainless Steel Alloy which has superior corrosion resistance to 410 or 416 due to the addition of Nickel. It can be heat treated to achieve good tensile strength, in the range 55/65 tons tensile, due to its good machining properties combined with strength it has numerous applications, particularly in machined components where the above mechanical property is required. The material is usually supplied in Bar form.

FERRITIC

This group contains a minimum of 17% Chrome and Carbon in the range of 0.08%-2.00%. The increase in Chromium imparts increased resistance to corrosion at elevated temperatures, but the lack of mechanical properties due to the fact that it cannot be heat treated, limits its applications. Like Martensitics they are magnetic and the welding of this group should be carried out with the necessary precautions.

1.4016	**TYPE 430**	A 17% Chrome, low Alloy Ferritic Steel that is non-hardenable and possessing only mild cold working properties due to the high Chrome content. This Alloy possesses good corrosion resistance properties up to a temperature of approximately 800^{O}C. Its lack of tensile properties and poor machinability limit its applications and as a result is usually only in strip and sheet form.

STAINLESS DIAMETER BAR					
SIZE	KGS/MTR	SIZE	KGS/MTR	SIZE	KGS/MTR
1/16″	0.0160	18mm	2.000	90mm	49.291
5/64″	0.0240	19mm	2.227	3 3/4″	57.100
2mm	0.0260	3/4″	2.250	100mm	61.820
3/32″	0.0360	20mm	2.469	4″	64.045
7/64″	0.0460	13/16″	2.624	4 1/4″	73.400
3mm	0.0560	21mm	2.719	110mm	74.587
1/8″	0.0620	22mm	3.000	4 1/2″	82.300
9/64″	0.0750	7/8″	3.070	120mm	88.789
5/32″	0.0950	23mm	3.260	4 3/4″	91.700
4mm	0.0990	15/16″	3.509	5″	102.000
11/64″	0.1148	24mm	3.542	130mm	104.000
3/16″	0.1400	25mm	3.870	5 1/4″	109.520
5mm	0.1600	1″	4.030	5 1/2″	123.000
13/64″	0.1640	1 1/16″	4.493	140mm	121.000
7/32″	0.1930	28mm	4.821	5 3/4″	132.000
15/64″	0.2200	1 1/8″	5.070	150mm	139.010
6mm	0.2400	30mm	5.543	6″	146.000
1/4″	0.2500	1 3/16″	5.608	6 1/4″	155.520
17/64″	0.2900	1 1/4″	6.250	160mm	158.010
7mm	0.2980	32mm	6.297	6 1/2″	169.000
9/32″	0.3110	1 5/16″	6.855	170mm	178.020
19/64″	0.3500	1 3/8″	7.478	6 3/4″	183.000
5/16″	0.3900	36mm	8.010	7″	199.000
8mm	0.4000	1 1/2″	9.010	180mm	199.940
21/64″	0.4320	40mm	9.872	7 1/4″	210.000
11/32″	0.4700	1 5/8″	10.600	190mm	223.000
9mm	0.5000	1 3/4″	12.168	7 1/2″	230.000
23/64″	0.5200	45mm	12.560	7 3/4″	240.000
3/8″	0.5600	1 7/8″	14.100	200mm	247.050
10mm	0.6200	50mm	15.420	8″	262.000
13/32″	0.6520	2″	16.000	8 1/4″	273.000
11mm	0.7500	2 1/8″	18.100	8 1/2″	289.000
7/16″	0.7600	55mm	18.663	220mm	297.910
15/32″	0.8850	2 1/4″	20.110	8 3/4″	306.000
12mm	0.8900	60mm	22.205	9″	324.228
1/2″	0.9930	2 3/8″	22.402	9 1/2″	361.254
13mm	1.0400	2 1/2″	24.829	250mm	383.870
14mm	1.2100	65mm	26.043	10″	400.282
9/16″	1.2600	2 3/4″	30.208	10 1/2″	441.000
15mm	1.3900	70mm	30.300	11″	484.341
5/8″	1.5510	3″	36.000	280mm	482.300
16mm	1.5800	80mm	39.458	11 1/2″	529.370
17mm	1.7800	3 1/4″	42.000	300mm	554.490
11/16″	1.8800	3 1/2″	49.800	12″	576.458



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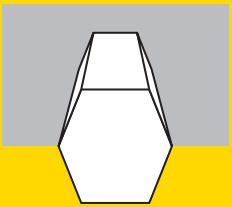

STAINLESS HEXAGON BAR			
SIZE	KGS-MTR	SIZE	KGS-MTR
.152″	0.101	.820″	2.886
.193″	0.167	.875″	3.346
5 mm	0.170	.920″	3.674
5.5 mm	0.206	.937″	3.838
.218″	0.207	24 mm	3.937
6 mm	0.259	1.010″	4.363
.248″	0.272	1.101″	5.216
.250″	0.274	1.125″	5.544
7 mm	0.334	30 mm	6.135
8 mm	0.436	1.200″	6.201
.324″	0.462	1.250″	6.843
.375″	0.640	1.300″	7.219
10 mm	0.679	1.375″	8.282
.413″	0.721	36 mm	8.825
.437″	0.849	1.480″	9.318
.445″	0.869	1.500″	9.843
.500″	1.115	1.670″	12.136
13 mm	1.151	1.750″	13.800
.525″	1.207	1.860″	14.737
.562″	1.387	1.875″	15.421
.600″	1.535	2.050″	19.964
.625″	1.710	2.220″	21.648
17 mm	1.958	2.250″	22.172
.687″	2.070	2.750″	33.183
19 mm	2.450	3.000″	39.425
.750″	2.500		

STAINLESS SQUARE BAR			
SIZE	KG/MTR	SIZE	KG/MTR
5mm	0.197	7/8″	3.877
6mm	0.282	25mm	5.020
1/4″	0.320	1″	5.064
8mm	0.502	30mm	7.055
3/8″	0.711	1 1/4″	7.911
10mm	0.784	1 1/2″	11.391
12mm	1.128	40mm	12.542
1/2″	1.264	2″	20.254
15mm	1.764	2 1/2″	31.645
5/8″	1.979	75mm	44.096
3/4″	2.842	3″	45.567
20mm	3.038	4″	81.010

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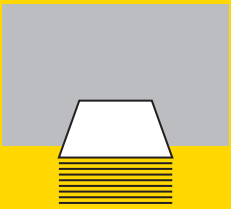
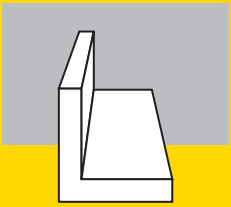
STAINLESS SHEET KGS PER SHEET			
THICKNESS	**2M x 1M**	**2.5M x 1.25M**	**3M x 1.5M**
0.7mm	11.50	17.90	
0.9mm	14.73	23.02	32.40
1.0mm	16.37	25.57	
1.2mm	19.64	30.69	44.19
1.5mm	24.55	38.36	55.24
2.0mm	32.74	51.15	73.66
2.5mm	40.92	63.94	92.08
3.0mm	49.11	76.73	110.49
4.0mm	65.48	102.31	147.33
5.0mm	81.85	127.89	184.16
6.0mm	98.22	153.47	220.99
8.0mm	130.96	204.62	294.66
10.0mm	163.70	255.78	368.32
12.0mm	196.44	306.93	441.99

Sheet Stock Range .5mm-3mm
Plate Stock Range 3mm-12mm
Sheets and Plates sheared to your requirements



STAINLESS STEEL ANGLE	
SIZE	**KGS-PER MTR**
15 x 15 x 3mm	0.750
20 x 20 x 3mm	0.872
25 x 25 x 3mm	1.110
25 x 25 x 5mm	1.770
25 x 25 x 6mm	2.120
30 x 30 x 3mm	1.340
30 x 30 x 5mm	2.100
30 x 30 x 6mm	2.520
40 x 40 x 3mm	1.830
40 x 40 x 5mm	2.970
40 x 40 x 6mm	3.520
50 x 50 x 3mm	2.330
50 x 50 x 5mm	3.730
50 x 50 x 6mm	4.470
50 x 50 x 10mm	7.110
60 x 60 x 6mm	5.900
75 x 75 x 6mm	7.280
75 x 75 x 10mm	11.100
100 x 100 x 6mm	9.210
100 x 100 x 8mm	12.400
100 x 100 x 10mm	15.350



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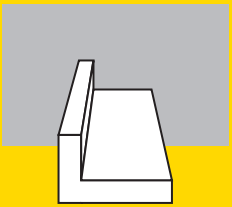

STAINLESS UNEQUAL ANGLES			
DIMENSIONS	**KG/M**	**1.4301 304**	**1.4571 316 TI**
20 x 10 x 3	0.71	●	●
25 x 15 x 3	0.89	●	●
30 x 15 x 3	1.01	●	●
30 x 20 x 3	1.12	●	●
30 x 20 x 4	1.50	●	●
40 x 20 x 3	1.36	●	●
40 x 20 x 4	1.80	●	●
40 x 30 x 4	2.10	●	●
40 x 30 x 5	2.55	●	●
45 x 30 x 3	1.73	●	●
45 x 45 x 4	2.27	●	●
45 x 45 x 5	2.75	●	●
50 x 25 x 4	2.23	●	●
50 x 30 x 3	1.85	●	●
50 x 30 x 4	2.43	●	●
50 x 30 x 5	2.95	●	●
50 x 40 x 5	3.50	●	●
60 x 30 x 5	3.37	●	●
60 x 30 x 6	4.03	●	●
60 x 30 x 7	4.50	●	●
60 x 40 x 5	3.73	●	●
60 x 40 x 6	4.40	●	●
60 x 40 x 8	5.82	●	●
65 x 50 x 5	4.35	●	●
65 x 50 x 7	6.00	●	●
65 x 50 x 9	7.60	●	●
70 x 50 x 6	5.30	●	●
75 x 50 x 6	5.71	●	●
75 x 50 x 7	6.50	●	●
75 x 55 x 5	5.00	●	●
75 x 55 x 9	8.71	●	●
80 x 40 x 6	5.41	●	●
80 x 40 x 8	7.04	●	●
80 x 65 x 6	6.60	●	●
80 x 65 x 8	8.70	●	●
80 x 65 x 10	10.70	●	●
90 x 60 x 6	6.90	●	●
90 x 60 x 8	9.00	●	●
90 x 75 x 7	8.70	●	●
90 x 75 x 9	11.20	●	●
100 x 50 x 6	6.80	●	●
100 x 50 x 8	8.99	●	●
100 x 50 x 10	11.10	●	●
100 x 65 x 6	7.66	●	●
100 x 65 x 7	8.77	●	●
100 x 65 x 8	9.84	●	●
100 x 65 x 9	11.09	●	●
100 x 65 x 10	12.30	●	●
100 x 75 x 8	10.70	●	●
100 x 75 x 9	11.80	●	●
100 x 75 x 10	13.10	●	●

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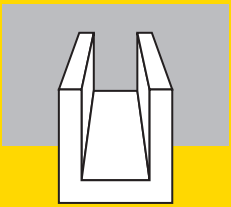
STAINLESS STEEL CHANNELS			
DIMENSIONS	**KG/M**	**1.4301 304**	**1.4571 316 TI**
20 x 10 x 3 x 3.5	0.86	●	●
30 x 15 x 3 x 3.5	1.37	●	●
30 x 15 x 4 x 4.5	1.78	●	●
30 x 33 x 5 x 7	4.30	●	●
40 x 20 x 3 x 3.5	1.80	●	●
40 x 20 x 4 x 4.5	2.40	●	●
40 x 35 x 5 x 7	4.80	●	●
50 x 25 x 3 x 3	2.28	●	●
50 x 5 x 5	3.60	●	●
50 x 5 x 6	3.90	●	●
50 x 6 x 6	4.10	●	●
50 x 38 x 5 x 7	5.70	●	●
60 x 30 x 5 x 5	4.37	●	●
60 x 6 x 6	5.10	●	●
65 x 42 x 5.5 x 7.5	7.40	●	●
80 x 40 x 4 x 4	4.90	●	●
80 x 5 x 5	5.94	●	●
80 x 6 x 6	7.00	●	●
80 x 45 x 6 x 8	8.64	●	●
100 x 50 x 4 x 4	6.20	●	●
100 x 5 x 5	7.65	●	●
100 x 6 x 6	8.94	●	●
100 x 6 x 8.5	10.60	●	●
120 x 55 x 7 x 9	13.50	●	●
120 x 60 x 6 x 6	10.93	●	●
130 x 65 x 6 x 6	12.08	●	●
140 x 60 x 7 x 10	16.40	●	●
140 x 70 x 7 x 7	14.62	●	●
150 x 75 x 6 x 6	13.80	●	●
160 x 65 x 7.5 x 10.5	19.30	●	●
160 x 80 x 8 x 8	19.21	●	●
180 x 70 x 8 x 11	22.00	●	●
200 x 75 x 8.5 x 11.5	25.30	●	●
200 x 10 x 13	29.52	●	●
220 x 80 x 9 x 12.5	29.40	●	●
220 x 10 x 13	31.80	●	●
240 x 85 x 9.5 x 13	33.20	●	●
300 x 100 x 10 x 16	46.20	●	●



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STAINLESS STEEL EQUAL T SECTIONS			
DIMENSIONS	**KG/M**	**1.4301 304**	**1.4571 316 TI**
20 x 20 x 3	0.88	●	●
20 x 20 x 4	1.15	●	●
25 x 25 x 3	1.13	●	●
25 x 25 x 3.5	1.31	●	●
25 x 25 x 4	1.50	●	●
30 x 30 x 3	1.36	●	●
30 x 30 x 4	1.77	●	●
35 x 35 x 4	2.10	●	●
40 x 40 x 4	2.50	●	●
40 x 40 x 5	2.96	●	●
45 x 45 x 5.5	3.67	●	●
50 x 50 x 5	3.80	●	●
50 x 50 x 6	4.50	●	●
60 x 60 x 6	5.50	●	●
70 x 70 x 7	7.30	●	●
80 x 80 x 8	9.70	●	●
90 x 90 x 9	12.50	●	●
100 x 100 x 8	12.40	●	●
100 x 100 x 10	15.10	●	●
120 x 120 x 13	23.70	●	●

STAINLESS STEEL UNEQUAL T SECTIONS			
DIMENSIONS	**KG/M**	**1.4301 304**	**1.4571 316 TI**
20 x 40 x 4	1.79	●	●
25 x 50 x 5	2.76	●	●
30 x 60 x 5.5	3.70	●	●
35 x 70 x 6	4.70	●	●
40 x 60 x 4	3.20	●	●
40 x 80 x 7	6.20	●	●
50 x 100 x 8.5	9.50	●	●
60 x 120 x 10	13.40	●	●

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STAINLESS SQUARE BOX SECTION

SIZE	KGS/MTR	SIZE	KGS/MTR
12 x 12 x 1.5mm	0.590	80 x 80 x 2mm	4.988
15 x 15 x 1.2mm	0.538	80 x 80 x 3mm	7.530
15 x 15 x 1.5mm	0.661	80 x 80 x 4mm	9.816
20 x 20 x 1.2mm	0.729	80 x 80 x 5mm	12.395
20 x 20 x 1.5mm	0.900	80 x 80 x 6mm	14.600
20 x 20 x 2mm	1.175	100 x 100 x 2mm	6.400
25 x 25 x 1.2mm	0.925	100 x 100 x 3mm	9.530
25 x 25 x 1.5mm	1.146	100 x 100 x 4mm	12.400
25 x 25 x 2mm	1.495	100 x 100 x 5mm	15.380
25 x 25 x 3mm	2.216	100 x 100 x 6mm	17.500
30 x 30 x 1.2mm	1.106	120 x 120 x 3mm	11.300
30 x 30 x 1.5mm	1.371	120 x 120 x 4mm	15.030
30 x 30 x 2mm	1.840	120 x 120 x 5mm	18.660
30 x 30 x 3mm	2.720	120 x 120 x 6mm	21.200
40 x 40 x 1.2mm	1.496	150 x 150 x 3mm	14.064
40 x 40 x 1.5mm	1.859	150 x 150 x 4mm	18.624
40 x 40 x 2mm	2.454	150 x 150 x 5mm	22.400
40 x 40 x 3mm	3.756	150 x 150 x 6mm	27.360
40 x 40 x 4mm	4.808	200 x 200 x 4mm	24.600
50 x 50 x 1.5mm	2.329	200 x 200 x 5mm	30.800
50 x 50 x 2mm	3.080	200 x 200 x 6mm	36.900
50 x 50 x 3mm	4.650	250 x 250 x 5mm	38.400
50 x 50 x 4mm	5.960	250 x 250 x 6mm	45.700
50 x 50 x 5mm	7.410	250 x 250 x 8mm	59.450
50 x 50 x 6mm	8.832	250 x 250 x 10mm	73.500
60 x 60 x 1.5mm	2.802	300 x 300 x 5mm	46.200
60 x 60 x 2mm	3.711	300 x 300 x 6mm	55.300
60 x 60 x 3mm	5.491	300 x 300 x 8mm	72.800
60 x 60 x 4mm	7.222	300 x 300 x 10mm	89.800
60 x 60 x 5mm	8.902		

STAINLESS STEEL PIPE

		WALL THICKNESS IN INCHES				
NB PIPE SIZE	OD INCHES	SCH. 5	SCH. 10	SCH. 40	SCH. 80	SCH. 160
$\frac{1}{8}$	0.405	0.035	0.049	0.068	0.095	-
$\frac{1}{4}$	0.540	0.049	0.065	0.088	0.119	-
$\frac{3}{8}$	0.675	0.049	0.065	0.091	0.126	-
$\frac{1}{2}$	0.840	0.065	0.083	0.109	0.147	0.187
$\frac{3}{4}$	1.050	0.065	0.083	0.113	0.154	0.218
1	1.315	0.065	0.109	0.133	0.179	0.250
$1\frac{1}{4}$	1.660	0.065	0.109	0.140	0.191	0.250
$1\frac{1}{2}$	1.900	0.065	0.109	0.145	0.200	0.281
2	2.375	0.065	0.109	0.154	0.218	0.343
$2\frac{1}{2}$	2.875	0.083	0.120	0.203	0.276	0.375
3	3.500	0.083	0.120	0.216	0.300	0.438
$3\frac{1}{2}$	4.000	0.083	0.120	0.226	0.318	-
4	4.500	0.083	0.120	0.237	0.337	0.531
5	5.563	0.109	0.134	0.258	0.375	0.625
6	6.625	0.109	0.134	0.280	0.432	0.718
8	8.625	0.109	0.148	0.322	0.500	0.906
10	10.750	0.134	0.165	0.365	0.593	1.125
12	12.750	0.156	0.180	0.406	0.687	1.312

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STAINLESS RECTANGULAR BOX SECTION			
SIZE	KGS/MTR	SIZE	KGS/MTR
30 x 20 x 1.2mm	0.925	80 x 40 x 5.0mm	8.902
30 x 20 x 1.5mm	1.146	80 x 50 x 1.5mm	2.964
30 x 20 x 2.0mm	1.495	80 x 50 x 2.0mm	4.060
40 x 10 x 1.5mm	1.146	80 x 50 x 3.0mm	5.928
40 x 10 x 2.0mm	1.495	80 x 50 x 4.0mm	7.808
40 x 20 x 1.2mm	1.106	80 x 50 x 5.0mm	9.469
40 x 20 x 1.5mm	1.371	80 x 60 x 2.0mm	4.380
40 x 20 x 2.0mm	1.840	80 x 60 x 3.0mm	6.530
40 x 30 x 1.2mm	1.310	80 x 60 x 4.0mm	8.450
40 x 30 x 1.5mm	1.620	80 x 60 x 5.0mm	10.629
40 x 30 x 2.0mm	2.150	100 x 40 x 2.0mm	4.380
40 x 30 x 3.0mm	3.152	100 x 40 x 3.0mm	6.530
50 x 10 x 1.5mm	1.371	100 x 40 x 4.0mm	8.450
50 x 10 x 2.0mm	1.840	100 x 40 x 5.0mm	10.629
50 x 20 x 1.2mm	1.310	100 x 50 x 2.0mm	4.680
50 x 20 x 1.5mm	1.620	100 x 50 x 3.0mm	6.950
50 x 20 x 2.0mm	2.150	100 x 50 x 4.0mm	9.090
50 x 25 x 1.2mm	1.415	100 x 50 x 5.0mm	11.240
50 x 25 x 1.5mm	1.758	100 x 50 x 6.0mm	13.490
50 x 25 x 2.0mm	2.319	100 x 60 x 2.0mm	4.988
50 x 25 x 3.0mm	3.456	100 x 60 x 3.0mm	7.530
50 x 30 x 1.2mm	1.496	100 x 60 x 4.0mm	9.816
50 x 30 x 1.5mm	1.859	100 x 60 x 5.0mm	12.395
50 x 30 x 2.0mm	2.454	100 x 60 x 6.0mm	14.600
50 x 30 x 3.0mm	3.756	100 x 80 x 2.0mm	5.624
50 x 30 x 4.0mm	4.808	100 x 80 x 3.0mm	8.388
50 x 40 x 1.5mm	2.122	100 x 80 x 4.0mm	11.050
50 x 40 x 2.0mm	2.804	100 x 80 x 5.0mm	13.750
50 x 40 x 3.0mm	4.131	100 x 80 x 6.0mm	16.220
60 x 20 x 1.2mm	1.496	120 x 40 x 2.0mm	4.988
60 x 20 x 1.5mm	1.859	120 x 40 x 3.0mm	7.530
60 x 20 x 2.0mm	2.454	120 x 40 x 4.0mm	9.816
60 x 30 x 1.5mm	2.122	120 x 40 x 5.0mm	12.395
60 x 30 x 2.0mm	2.804	120 x 60 x 2.0mm	5.624
60 x 30 x 3.0mm	4.131	120 x 60 x 3.0mm	8.388
60 x 30 x 4.0mm	4.650	120 x 60 x 4.0mm	11.050
60 x 40 x 1.5mm	2.329	120 x 60 x 5.0mm	13.750
60 x 40 x 2.0mm	3.080	120 x 60 x 6.0mm	16.220
60 x 40 x 3.0mm	4.650	120 x 80 x 2.0mm	6.400
60 x 40 x 4.0mm	5.960	120 x 80 x 3.0mm	9.530
80 x 40 x 1.5mm	2.802	120 x 80 x 4.0mm	12.400
80 x 40 x 2.0mm	3.711	120 x 80 x 5.0mm	15.380
80 x 40 x 3.0mm	5.491	120 x 80 x 6.0mm	17.500
80 x 40 x 4.0mm	7.222		

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STAINLESS WELDED TUBES

Diameter	THICKNESS								
mm	1.0MM	1.2MM	1.5MM	2.0MM	2.5MM	3.0MM	4.0MM	5.0MM	6.0MM
10	0.225	0.264	0.319						
12	0.275	0.325	0.394	0.500					
16	0.376	0.445	0.545	0.701					
17.2	0.406	0.481	0.590	0.761	0.921				
18	0.426	0.505	0.620	0.801					
19.05	0.452	0.536	0.659	0.854					
20	0.476	0.565	0.685	0.901					
21.3	0.508	0.604	0.744	0.967	1.177				
22	0.526	0.625	0.770	1.002					
23	0.551	0.655	0.808	1.051					
25	0.601	0.715	0.883	1.152	1.409				
26.9	0.649	0.772	0.954	1.247	1.527	1.795			
28	0.676	0.805	0.995	1.302	1.596	1.878			
30	0.726	0.865	1.070	1.402	1.722	2.028			
32	0.776	0.925	1.146	1.502	1.847	2.178			
33.7	0.819	0.977	1.209	1.588	1.953	2.306			
35	0.851	1.016	1.258	1.653	2.035	2.404			
38.1	0.929	1.109	1.375	1.808	2.229	2.637			
40	0.977	1.166	1.446	1.903	2.348	2.779			
42.4	1.037	1.238	1.536	2.023	2.498	2.960	3.847		
44.5	1.089	1.301	1.615	2.128	2.629	3.117			
45	1.102	1.316	1.634	2.153	2.661	3.155			
48.3	1.184	1.415	1.758	2.319	2.867	3.403	4.438		
50	1.227	1.466	1.822	2.404	2.974	3.531	4.607		
50.8	1.247	1.490	1.852	2.444		3.591			
52	1.277	1.526	1.897	2.504	3.099	3.681			
54	1.327	1.587	1.972	2.604	3.224	3.831			
57			2.085	2.754	3.412	4.057	5.309		
60.3	1.485	1.776	2.209	2.920	3.618	4.304	5.640		
63.5	1.565		2.329	3.080	3.819	4.545	5.960		
70	1.728	2.067	2.573	3.405	4.226	5.033	6.611		
76.1	1.881	2.251	2.802	3.771	4.607	5.491	7.222		
88.9			3.283	4.352	5.409	6.453	8.504		
101.6			3.760	4.988	6.204	7.407	9.776	12.094	14.363
114.3			4.237	5.624	6.999	8.361	11.048	13.684	16.271
129			4.789	6.360	7.919	9.465	12.520	15.525	18.480
139.7			5.191	6.896	8.589	10.269	13.592	16.864	20.087
154			5.728	7.612	9.484	11.343	15.024	18.655	22.236
168.3			6.245	8.328	10.379	12.417	16.456	20.445	24.384
193.7			7.219	9.600	11.969	14.325	19.000	23.625	28.200
204			7.606	10.116	12.614	15.099	20.032	24.915	29.748
219.1			8.173	10.872	13.559	16.233	21.544	26.805	32.016

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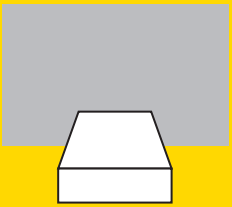

STAINLESS STEEL FLAT BAR			
SIZE	KGS/MTR	SIZE	KGS/MTR
10 x 3	0.240	45 x 5	1.767
12 x 3	0.290	45 x 6	2.121
12 x 5	0.510	45 x 8	2.827
12 x 6	0.570	45 x 10	3.530
15 x 3	0.363	45 x 12	4.242
15 x 5	0.605	50 x 3	1.178
15 x 6	0.726	50 x 5	1.961
20 x 3	0.470	50 x 6	2.357
20 x 5	0.790	50 x 8	3.135
20 x 6	0.941	50 x 10	3.919
20 x 8	1.290	50 x 12	4.703
20 x 10	1.580	50 x 15	5.880
20 x 12	1.890	50 x 20	7.840
20 x 15	2.400	50 x 25	9.798
25 x 3	0.610	50 x 30	11.76
25 x 5	1.010	60 x 3	1.414
25 x 6	1.210	60 x 5	2.356
25 x 8	1.610	60 x 6	2.820
25 x 10	2.020	60 x 8	3.762
25 x 12	2.420	60 x 10	4.703
25 x 15	3.300	60 x 12	5.650
25 x 20	4.040	60 x 15	7.062
30 x 3	0.705	60 x 20	9.420
30 x 5	1.178	60 x 25	11.770
30 x 6	1.410	60 x 30	14.120
30 x 8	1.890	65 x 5	2.546
30 x 10	2.351	65 x 6	3.060
30 x 12	2.820	65 x 8	4.076
30 x 15	4.120	65 x 10	5.094
30 x 20	4.702	65 x 12	6.120
30 x 25	5.880	65 x 15	7.640
35 x 5	1.374	65 x 20	10.190
35 x 6	1.649	65 x 25	12.740
35 x 8	2.198	75 x 3	1.767
35 x 10	2.748	75 x 5	2.945
40 x 3	0.941	75 x 6	3.534
40 x 5	1.567	75 x 8	4.712
40 x 6	1.882	75 x 10	5.890
40 x 8	2.509	75 x 12	7.070
40 x 10	3.135	75 x 15	8.840
40 x 12	3.762	75 x 20	11.780
40 x 15	4.703	75 x 25	14.730
40 x 20	6.270	80 x 6	3.765
40 x 25	7.840	80 x 8	5.020
45 x 3	1.061	80 x 10	6.278

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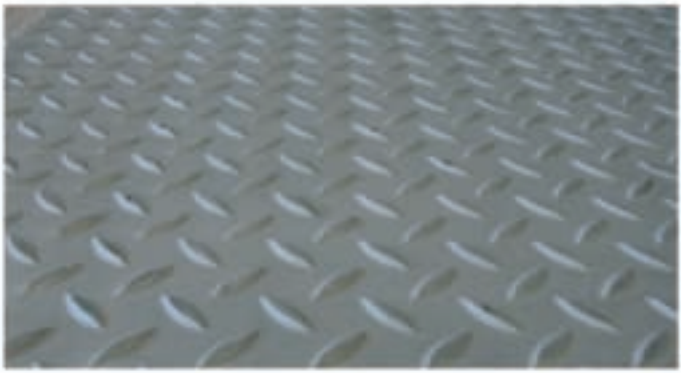
Continued

STAINLESS STEEL FLAT BAR CONTINUED			
SIZE	KGS/MTR	SIZE	KGS/MTR
80 x 12	7.530	125 x 8	7.840
90 x 6	4.234	125 x 10	9.800
90 x 10	7.060	125 x 12	11.760
90 x 12	8.465	150 x 5	5.625
100 x 3	2.360	150 x 6	6.750
100 x 5	3.930	150 x 8	9.020
100 x 6	4.706	150 x 10	11.260
100 x 8	6.271	150 x 12	13.500
100 x 10	7.840	200 x 6	9.401
100 x 12	9.410	200 x 8	12.600
100 x 15	11.770	200 x 10	15.700
100 x 20	15.680	200 x 12	18.820
100 x 25	19.604	250 x 10	19.600
100 x 30	23.524	250 x 12	23.520
125 x 6	5.880		

STAINLESS STEEL TREADPLATE T304 WEIGHT KGS PER SHEET/THICKNESS ON PLAIN	
SIZE	KGS/PLATE
3000mm x 1000mm x 3mm	76.62
3000mm x 1250mm x 4.5mm	139.00
3000mm x 1250mm x 6mm	185.00



STAINLESS STEEL WELDMESH T304				
SIZE	6' x 3'	6' x 4'	8' x 4'	10' x 4'
¼" x ¼" x 1.6mm				
1" x 1" x 2.5mm				
2" x 2" x 2.5mm				
1" x 1" x 3.0mm				
1¼" x 1¼" x 3.0mm				
2" x 2" x 3.0mm				
3" x ¼" x 2.5mm				
3" x ¼" x 3.0mm				

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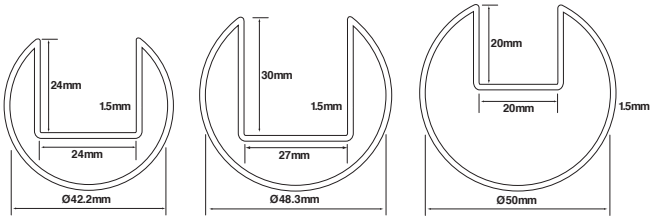
STAINLESS STEEL SLOTTED HANDRAIL TUBES WELDED			
DIMENSIONS D A B S	KG/M	1.4301/304	1.4404/316L
42.2 x 24.0 x 24.0 x 1.5	1.99	●	●
48.3 x 27.0 x 30.0 x 1.5	2.41	●	●
50.0 x 20.0 x 20.0 x 1.5	2.13	●	●



Stainless steel slotted handrail tubes are available in both grades 304 and 316. Standard finish is 240 grit satin.

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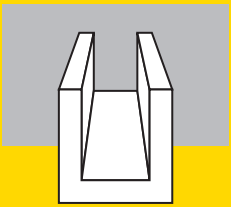
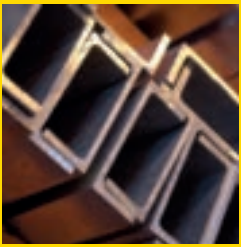
CHANNELS (ALUMINIUM)

IMPERIAL SIZE A	B	C	D	WEIGHT kg./m.	METRIC SIZE A	B	C	D
1/4	3/8	x 050		.080	6.35	9.52	1.27	
3/8	3/8	1/16		.110	9.52	9.52	1.6	
1/2	1/2	1/16		.150	12.7	12.7	1.6	
1/2	1/2	1/8		.272	12.7	12.7	3.2	
5/8	5/8	1/16		.196	15.9	15.9	1.6	
5/8	5/8	1/8		.351	15.9	15.9	3.2	
3/4	1/2	1/8		.329	19.0	12.7	3.2	
3/4	3/4	1/8		.440	19.0	19.0	3.2	
7/8	7/8	1/8		.521	22.2	22.2	3.2	
1	1/2	1/8		.384	25.4	12.7	3.2	
1	3/4	1/8		.494	25.4	19.0	3.2	
1	1	1/8		.603	25.4	25.4	3.2	
1	1	3/16		.869	25.4	25.4	4.76	
1	1 1/2	1/8		.830	25.4	38.1	3.2	
1 1/8	3/4	1/8		.521	28.6	19.0	3.2	
1 1/8	1	1/8		.631	28.6	25.4	3.2	
1 1/4	1/2	1/8		.440	31.7	12.7	3.2	
1 1/4	3/4	1/8		.550	31.7	19.0	3.2	
1 1/4	1	1/8		.689	31.7	25.4	3.2	
1 1/4	1 1/4	1/8		.765	31.7	31.7	3.2	
1 1/4	1 1/4	3/16		1.115	31.7	31.7	4.76	
1 3/8	1	1/8		.685	34.9	25.4	3.2	
1 1/2	3/4	1/8		.604	38.1	19.0	3.2	
1 1/2	1	1/8		.713	38.1	25.4	3.2	
1 1/2	1 1/2	1/8		.931	38.1	38.1	3.2	
1 1/2	1 1/2	3/16		1.360	38.1	38.1	4.76	
1 3/4	1	1/8		.765	44.4	25.4	3.2	
1 7/8	1	1/8		.792	47.6	25.4	3.2	
2	1	1/8		.821	50.8	25.4	3.2	
2	1	3/16		1.193	50.8	25.4	4.76	
2	1	1/4		1.533	50.8	25.4	6.35	
2	1 1/2	1/4		1.970	50.8	38.1	6.35	
2	2	1/8		1.260	50.8	50.8	3.2	
2	2	1/4		2.411	50.8	50.8	6.35	
2 1/4	1 1/4	3/16		1.440	57.1	31.7	4.76	
2 1/2	1	1/8		.933	63.5	25.4	3.2	
2 1/2	1 1/4	3/16		1.520	63.5	31.7	4.76	
3	1	1/8		1.042	76.2	25.4	3.2	
3	1 1/2	1/4	5/16	2.780	76.2	38.1	6.35	7.95
3	2	1/8		1.480	76.2	50.8	3.2	
3	2	1/4		2.850	76.2	50.8	6.35	
3	1	1/4	5/16	2.970	76.2	38.1	6.35	7.95
4	2	1/8		1.690	101.6	50.8	3.2	
4	2	1/4		3.230	101.6	50.8	6.35	
4	2	1/4	5/16	3.762	101.6	50.8	6.35	7.95
5	2	1/4	5/16	4.160	127.0	50.8	6.35	7.95
6	3	1/4	3/8	6.430	152.4	76.2	6.35	9.52





All our channels are 5mtr lengths in 6082t6

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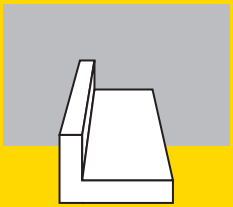

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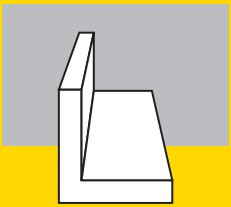
UNEQUAL ANGLES (ALUMINIUM)

IMPERIAL SIZE A	B	C	WEIGHT kg./m.	METRIC SIZE A	B	C
3/4	3/8	1/16	.117	19.0	9.25	1.6
3/4	1/2	1/16	.130	19.0	12.7	1.6
3/4	1/2	1/8	.247	19.0	12.7	3.2
1	1/2	1/16	.158	25.4	12.7	1.6
1	1/2	1/8	.302	25.4	12.7	3.2
1	5/8	1/8	.327	25.4	15.9	3.2
1	3/4	1/16	.190	25.4	19.0	1.6
1	3/4	1/8	.357	25.4	19.0	3.2
1 1/4	1/2	1/8	.356	31.7	12.7	3.2
1 1/4	3/4	1/8	.411	31.7	19.0	3.2
1 1/4	1	1/8	.466	31.7	25.4	3.2
1 1/2	1/2	1/16	.213	38.1	12.7	1.6
1 1/2	1/2	1/8	.411	38.1	12.7	3.2
1 1/2	3/4	1/8	.466	38.1	19.0	3.2
1 1/2	1	1/8	.522	38.1	25.4	3.2
1 3/4	3/4	1/8	.522	44.4	19.0	3.2
1 3/4	7/8	1/8	.550	44.4	22.2	3.2
1 3/4	1	1/8	.574	44.4	25.4	3.2
2	1/2	1/8	.522	50.8	12.7	3.2
2	3/4	1/8	.576	50.8	19.0	3.2
2	1	1/8	.631	50.8	25.4	3.2
2	1	3/16	.925	50.8	25.4	4.76
2	1	1/4	1.205	50.8	25.4	6.35
2	1 1/2	1/8	.741	50.8	38.1	3.2
2	1 1/2	3/16	1.101	50.8	38.1	4.76
2	1 1/2	1/4	1.427	50.8	38.1	6.35
2 1/4	1 1/4	1/8	.741	57.1	31.7	3.2
2 1/2	1	1/8	.741	63.5	25.4	3.2
2 1/2	1 1/2	1/8	.851	63.5	38.1	3.2
2 1/2	1 1/2	3/16	1.277	63.5	38.1	4.76
2 1/2	1 1/2	1/4	1.652	63.5	38.1	6.35
3	1	1/8	.856	76.2	25.4	3.2
3	1	1/4	1.652	76.2	25.4	6.35
3	1 1/2	1/8	.958	76.2	38.1	3.2
3	1 1/2	1/4	1.860	76.2	38.1	6.35
3	2	1/8	1.070	76.2	50.8	3.2
3	2	3/16	1.580	76.2	50.8	4.76
3	2	1/4	2.083	76.2	50.8	6.35
4	1	1/8	1.070	101.6	25.4	3.2
4	2	1/8	1.284	101.6	50.8	3.2
4	2	1/4	2.634	101.6	50.8	6.35
4	3	1/4	3.020	101.6	76.2	6.35
6	3	3/8	5.744	152.4	76.2	9.52

EQUAL ANGLES (ALUMINIUM)

IMPERIAL SIZES A		B		C	WEIGHT KG./M.	METRIC SIZES A		B		C
3/8	x	3/8	x	1/16	.079	9.5	x	9.5	x	1.6
1/2	x	1/2	x	1/16	.104	12.7	x	12.7	x	1.6
1/2	x	1/2	x	1/8	.192	12.7	x	12.7	x	3.2
5/8	x	5/8	x	1/16	.130	15.9	x	15.9	x	1.6
5/8	x	5/8	x	1/8	.250	15.9	x	15.9		3.2
3/4	x	3/4	x	1/16	.160	19.0	x	19.0	x	1.6
3/4	x	3/4	x	1/8	.302	19.0	x	19.0	x	3.2
7/8	x	7/8	x	1/16	.190	22.2	x	22.2	x	1.6
7/8	x	7/8	x	1/8	.360	22.2	x	22.2	x	3.2
1	x	1	x	1/16	.213	25.4	x	25.4	x	1.6
1	x	1	x	3/32	.314	25.4	x	25.4	x	2.4
1	x	1	x	1/8	.411	25.4	x	25.4	x	3.2
1	x	1	x	3/16	.600	25.4	x	25.4	x	4.76
1	x	1	x	1/4	.770	25.4	x	25.4	x	6.35
1 1/8	x	1 1/8	x	1/8	.466	28.6	x	28.6	x	3.2
1 1/4	x	1 1/4	x	1/16	.270	31.7	x	31.7	x	1.6
1 1/4	x	1 1/4	x	1/8	.520	31.7	x	31.7	x	3.2
1 1/4	x	1 1/4	x	3/16	.760	31.7	x	31.7	x	4.76
1 1/4	x	1 1/4	x	1/4	.990	31.7	x	31.7	x	6.35
1 1/2	x	1 1/2	x	1/16	.330	38.1	x	38.1	x	1.6
1 1/2	x	1 1/2	x	1/8	.631	38.1	x	38.1	x	3.2
1 1/2	x	1 1/2	x	3/16	.930	38.1	x	38.1	x	4.76
1 1/2	x	1 1/2	x	1/4	1.210	38.1	x	38.1	x	6.35
1 3/4	x	1 3/4	x	1/8	.744	44.4	x	44.4	x	3.2
1 3/4	x	1 3/4	x	3/16	1.106	44.4	x	44.4	x	4.76
1 3/4	x	1 3/4	x	1/4	1.430	44.4	x	44.4	x	6.35
2	x	2	x	1/16	.430	50.8	x	50.8	x	1.6
2	x	2	x	1/8	.851	50.8	x	50.8	x	3.2
2	x	2	x	3/16	1.260	50.8	x	50.8	x	4.76
2	x	2	x	1/4	1.652	50.8	x	50.8	x	6.35
2	x	2	x	3/8	2.380	50.8	x	50.8	x	9.52
2 1/2	x	2 1/2	x	1/8	1.070	63.5	x	63.5	x	3.2
2 1/2	x	2 1/2	x	3/16	1.592	63.5	x	63.5	x	4.76
2 1/2	x	2 1/2	x	1/4	2.083	63.5	x	63.5	x	6.35
3	x	3	x	1/8	1.284	76.2	x	76.2	x	3.2
3	x	3	x	1/4	2.530	76.2	x	76.2	x	6.35
3	x	3	x	3/8	3.705	76.2	x	76.2	x	9.52
4	x	4	x	1/4	3.467	101.6	x	101.6	x	6.35
4	x	4	x	3/8	5.020	101.6	x	101.6	x	9.52
6	x	6	x	1/2	10.100	152.4	x	152.4	x	12.7



All our angles are 5mtr lengths in 6082t6

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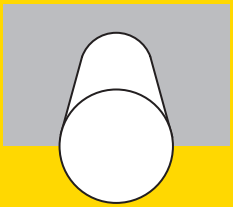

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ROUND BARS (ALUMINIUM)		
IMPERIAL SIZE DIA.	**WEIGHT kg./m.**	**METRIC SIZE DIA.**
3/16	.051	4.76
1/4	.089	6.35
5/16	.138	7.95
3/8	.199	9.52
7/16	.271	11.11
1/2	.354	12.70
9/16	.448	14.29
5/8	.554	15.88
11/16	.670	17.47
3/4	.796	19.05
13/16	.933	20.65
7/8	1.083	22.22
15/16	1.207	23.81
1	1.414	25.40
$1\frac{1}{8}$	1.786	28.57
$1\frac{1}{4}$	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
$2\frac{3}{4}$	10.40	69.85
3	12.37	76.2
$3\frac{1}{4}$	14.51	82.5
$3\frac{1}{2}$	16.82	88.9
$3\frac{3}{4}$	19.35	95.3
4	22.02	101.6
$4\frac{1}{4}$	24.85	107.9
$4\frac{1}{2}$	27.83	114.3
$4\frac{3}{4}$	30.96	121.0
5	34.40	127.0
$5\frac{1}{4}$	37.80	133.4
$5\frac{1}{2}$	41.50	139.7
$5\frac{3}{4}$	45.40	146.0
6	49.40	152.4
$6\frac{1}{2}$	58.0	165.1
7	67.3	177.8
$7\frac{1}{2}$	77.2	190.5
8	87.9	203.2
9	111.3	228.6
10	137.4	254.0
11	166.2	279.4
12	197.9	304.8

TEES (ALUMINIUM)

IMPERIAL SIZE A	B	C	WEIGHT kg./m.	METRIC SIZE A	B	C
1/2	1/2	1/16	.104	12.7	12.7	1.6
5/8	5/8	1/8	.250	15.9	15.9	3.2
3/4	3/4	1/16	.160	19.0	19.0	1.6
3/4	3/4	1/8	.302	19.0	19.0	3.2
7/8	7/8	1/8	.360	22.2	22.2	3.2
1	1	1/16	.213	25.4	25.4	1.6
1	1	1/8	.411	25.4	25.4	3.2
1 1/4	1 1/4	1/8	.520	31.7	31.7	3.2
1 1/4	1 1/4	3/16	.760	31.7	31.7	4.76
1 1/2	1 1/2	1/8	.631	38.1	38.1	3.2
1 1/2	1 1/2	3/16	.930	38.1	38.1	4.76
1 1/2	1 1/2	1/4	1.210	38.1	38.1	6.35
2	1	1/8	.631	50.8	25.4	3.2
2	2	1/8	.851	50.8	50.8	3.2
2	2	3/16	1.260	50.8	50.8	4.76
2	2	1/4	1.652	50.8	50.8	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

All our T sections available in 5 mtr lengths in 6082t6

SQUARE BARS (ALUMINIUM)

IMPERIAL SIZE	WEIGHT kg./m.	METRIC SIZE
1/4	.110	6.35
5/16	.171	7.95
3/8	.247	9.52
1/2	.440	12.7
5/8	.690	15.9
3/4	.988	19.0
7/8	1.344	22.2
1	1.760	25.4
1 1/4	2.740	31.87
1 1/2	3.960	38.1
1 3/4	5.370	44.4
2	7.024	50.8
2 1/4	8.880	57.1
2 1/2	10.980	63.5
3	15.805	76.2
4	28.127	101.6
5	44.500	127.0

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ROUND TUBES (ALUMINIUM)

IMPERIAL SIZE O.D WALL	WEIGHT kg./m.	METRIC SIZE O.D WALL
$\frac{1}{4}$ x 20 SWG	.042	6.35 x 0.9
$\frac{1}{4}$ x 16 SWG	.065	6.35 x 1.6
$\frac{5}{16}$ x 20 SWG	.055	7.95 x 0.9
$\frac{5}{16}$ x 16 SWG	.088	7.95 x 1.6
$\frac{3}{8}$ x 20 SWG	.067	9.5 x 0.9
$\frac{3}{8}$ x 18 SWG	.086	9.5 x 1.2
$\frac{3}{8}$ x 16 SWG	.109	9.5 x 1.6
$\frac{7}{16}$ x 16 SWG	.131	11.1 x 1.6
$\frac{1}{2}$ x 20 SWG	.092	12.7 x 0.9
$\frac{1}{2}$ x 18 SWG	.120	12.7 x 1.2
$\frac{1}{2}$ x 16 SWG	.153	12.7 x 1.6
$\frac{1}{2}$ x 14 SWG	.184	12.7 x 2.0
$\frac{1}{2}$ x 10 SWG	.260	12.7 x 3.2
$\frac{5}{8}$ x 20 SWG	.116	15.9 x 0.9
$\frac{5}{8}$ x 18 SWG	.152	15.9 x 1.2
$\frac{5}{8}$ x 16 SWG	.200	15.9 x 1.6
$\frac{5}{8}$ x 10 SWG	.350	15.9 x 3.2
$\frac{3}{4}$ x 20 SWG	.141	19.0 x 0.9
$\frac{3}{4}$ x 18 SWG	.184	19.0 x 1.2
$\frac{3}{4}$ x 16 SWG	.241	19.0 x 1.6
$\frac{3}{4}$ x 14 SWG	.293	19.0 x 2.0
$\frac{3}{4}$ x 10 SWG	.440	19.0 x 3.2
$\frac{7}{8}$ x 20 SWG	.165	22.2 x 0.9
$\frac{7}{8}$ x 18 SWG	.217	22.2 x 1.2
$\frac{7}{8}$ x 16 SWG	.284	22.2 x 1.6
$\frac{7}{8}$ x 10 SWG	.524	22.2 x 3.2
1 x 20 SWG	.190	25.4 x 0.9
1 x 18 SWG	.250	25.4 x 1.2
1 x 16 SWG	.330	25.4 x 1.6
1 x 14 SWG	.403	25.4 x 2.0
1 x 12 SWG	.510	25.4 x 2.6
1 x 10 SWG	.612	25.4 x 3.2
1 x $\frac{3}{16}$ SWG	.840	25.4 x 4.76
$1\frac{1}{8}$ x 18 SWG	.300	28.6 x 1.2
$1\frac{1}{8}$ x 16 SWG	.372	28.6 x 1.6
$1\frac{1}{8}$ x 10 SWG	.700	28.6 x 3.2
$1\frac{1}{4}$ x 18 SWG	.319	31.7 x 1.2
$1\frac{1}{4}$ x 16 SWG	.415	31.7 x 1.6
$1\frac{1}{4}$ x 12 SWG	.650	31.7 x 2.6
$1\frac{1}{4}$ x 10 SWG	.790	31.7 x 3.2
$1\frac{1}{4}$ x $\frac{3}{16}$ SWG	1.100	31.7 x 4.76
$1\frac{3}{8}$ x 16 SWG	.460	34.9 x 1.6
$1\frac{3}{8}$ x 10 SWG	.875	34.9 x 3.2

ROUND TUBES CONTINUED... (ALUMINIUM)

IMPERIAL SIZE O.D WALL	WEIGHT kg./m.	METRIC SIZE O.D WALL
$1\frac{1}{2}$ x 18 SWG	.382	38.1 x 1.2
$1\frac{1}{2}$ x 16 SWG	.503	38.1 x 1.6
$1\frac{1}{2}$ x 14 SWG	.630	38.1 x 2.0
$1\frac{1}{2}$ x 10 SWG	.963	38.1 x 3.2
$1\frac{1}{2}$ x $\frac{1}{4}$	1.710	38.1 x 6.35
$1\frac{5}{8}$ x 16 SWG	.550	41.3 x 1.6
$1\frac{5}{8}$ x 10 SWG	1.050	41.3 x 3.2
$1\frac{3}{4}$ x 16 SWG	.591	44.4 x 1.6
$1\frac{3}{4}$ x 10 SWG	1.140	44.4 x 3.2
$1\frac{7}{8}$ x 10 SWG	1.225	47.62 x 3.2
$1\frac{29}{39}$ x 7 SWG	1.652	48.4 x 4.5
2 x 18 SWG	.520	50.8 x 1.2
2 x 16 SWG	.680	50.8 x 1.6
2 x 10 SWG	1.320	50.8 x 3.2
2 x $\frac{1}{4}$	2.411	50.8 x 6.35
$2\frac{1}{4}$ x 16 SWG	.766	57.1 x 1.6
$2\frac{1}{4}$ x 10 SWG	1.490	57.1 x 3.2
$2\frac{1}{4}$ x $\frac{1}{4}$	2.753	57.1 x 6.35
$2\frac{1}{2}$ x 16 SWG	.860	63.5 x 1.6
$2\frac{1}{2}$ x 10 SWG	1.670	63.5 x 3.2
$2\frac{1}{2}$ x $\frac{1}{4}$	3.110	63.5 x 6.35
$2\frac{3}{4}$ x 10 SWG	1.850	69.8 x 3.2
3 x 16 SWG	1.051	76.2 x 1.6
3 x 10 SWG	2.030	76.2 x 3.2
3 x $\frac{1}{4}$	3.780	76.2 x 6.35
$3\frac{1}{4}$ x 10 SWG	2.200	82.5 x 3.2
$3\frac{1}{2}$ x 16 SWG	1.205	88.9 x 1.6
$3\frac{1}{2}$ x 10 SWG	2.370	88.9 x 3.2
$3\frac{1}{2}$ x $\frac{1}{4}$	4.480	88.9 x 6.35
4 x 16 SWG	1.381	101.6 x 1.6
4 x 10 SWG	2.730	101.6 x 3.2
4 x $\frac{1}{4}$	5.170	101.6 x 6.35
$4\frac{1}{2}$ x 10 SWG	3.080	114.3 x 3.2
$4\frac{1}{2}$ x $\frac{1}{4}$	5.860	114.3 x 6.35
5 x 12 SWG	2.820	127.0 x 2.6
5 x 10 SWG	3.440	127.0 x 3.2
6 x 10 SWG	4.120	152.4 x 3.2
6 x $\frac{1}{4}$	7.950	152.4 x 6.35

All our tubes are 5mtr lengths in 6082t6

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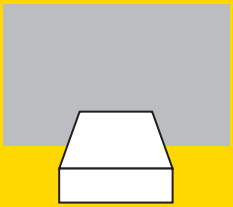

FLAT BARS (ALUMINIUM)

IMPERIAL SIZE A		B	WEIGHT kg./m.	METRIC SIZE A		B
3/8	x	1/8	.082	9.5	x	3.2
3/8	x	1/4	.164	9.5	x	6.35
1/2	x	1/8	.110	12.7	x	3.2
1/2	x	3/16	.165	12.7	x	4.76
1/2	x	1/4	.220	12.7	x	6.35
1/2	x	3/8	.330	12.7	x	9.52
5/8	x	1/8	.140	15.9	x	3.2
5/8	x	3/16	.205	15.9	x	4.76
5/8	x	1/4	.274	15.9	x	6.35
5/8	x	3/8	.411	15.9	x	9.5
5/8	x	1/2	.550	15.9	x	12.7
3/4	x	1/16	.082	19.0	x	1.6
3/4	x	1/8	.165	19.0	x	3.2
3/4	x	3/16	.246	19.0	x	4.76
3/4	x	1/4	.330	19.0	x	6.35
3/4	x	5/16	.411	19.0	x	7.95
3/4	x	3/8	.494	19.0	x	9.52
3/4	x	1/2	.660	19.0	x	12.7
3/4	x	5/8	.823	19.0	x	15.9
7/8	x	1/8	.192	22.2	x	3.2
7/8	x	3/16	.289	22.2	x	4.76
7/8	x	1/4	.384	22.2	x	6.35
7/8	x	3/8	.576	22.2	x	9.52
7/8	x	1/2	.770	22.2	x	12.7
1	x	1/16	.112	25.4	x	1.6
1	x	1/8	.220	25.4	x	3.2
1	x	3/16	.330	25.4	x	4.76
1	x	1/4	.440	25.4	x	6.35
1	x	5/16	.550	25.4	x	7.95
1	x	3/8	.660	25.4	x	9.52
1	x	1/2	.880	25.4	x	12.7
1	x	5/8	1.100	25.4	x	15.9
1	x	3/4	1.320	25.4	x	19.0
1 1/4	x	1/8	.274	31.75	x	3.2
1 1/4	x	3/16	.411	31.75	x	4.76
1 1/4	x	1/4	.550	31.75	x	6.35
1 1/4	x	5/16	.686	31.75	x	7.94
1 1/4	x	3/8	.823	31.75	x	9.52
1 1/4	x	1/2	1.100	31.75	x	12.2
1 1/4	x	5/8	1.372	31.75	x	15.9
1 1/4	x	3/4	1.652	31.75	x	19.0
1 1/4	x	1	2.200	31.75	x	25.4

orion alloys

All our materials are imported from ISO sources assuring our constant supply of quality product.

We believe our section polishing department to be one of the very best, our polishing operatives are skilled and dedicated professionals, the quality of our finish is testament to this claim.

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As you can see our stocks are immense, all stock is located at one site for a no fuss next day delivery.

Our sheet range is a key company strength, both plain sheet and treadplate are stocked in depth. We offer mirror finish, 240 grit satin and 240 silicon finishes, prepolished from stock for immediate delivery.

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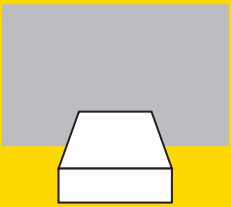
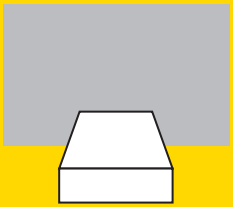
FLAT BARS CONTINUED... (ALUMINIUM)

IMPERIAL SIZE A		B	WEIGHT kg./m.	METRIC SIZE A		B
$1\frac{1}{2}$	x	$\frac{1}{16}$	.165	38.1	x	1.6
$1\frac{1}{2}$	x	$\frac{1}{8}$	.330	38.1	x	3.2
$1\frac{1}{2}$	x	$\frac{3}{16}$	.494	38.1	x	4.76
$1\frac{1}{2}$	x	$\frac{1}{4}$	.660	38.1	x	6.35
$1\frac{1}{2}$	x	$\frac{5}{16}$	.823	38.1	x	7.94
$1\frac{1}{2}$	x	$\frac{3}{8}$	.988	38.1	x	9.52
$1\frac{1}{2}$	x	$\frac{1}{2}$	1.320	38.1	x	12.7
$1\frac{1}{2}$	x	$\frac{5}{8}$	1.652	38.1	x	15.9
$1\frac{1}{2}$	x	$\frac{3}{4}$	1.980	38.1	x	19.0
$1\frac{1}{2}$	x	1	2.634	38.1	x	25.4
$1\frac{3}{4}$	x	$\frac{1}{8}$	.384	44.5	x	3.2
$1\frac{3}{4}$	x	$\frac{3}{16}$	.576	44.5	x	4.76
$1\frac{3}{4}$	x	$\frac{1}{4}$	.770	44.5	x	6.35
$1\frac{3}{4}$	x	$\frac{3}{8}$	1.152	44.5	x	9.52
$1\frac{3}{4}$	x	$\frac{1}{2}$	1.537	44.5	x	12.7
$1\frac{3}{4}$	x	$\frac{3}{4}$	2.290	44.5	x	19.0
$1\frac{3}{4}$	x	1	3.070	44.5	x	25.4
2	x	$\frac{1}{8}$	.440	50.8	x	3.2
2	x	$\frac{3}{16}$	.660	50.8	x	4.76
2	x	$\frac{1}{4}$	.880	50.8	x	6.35
2	x	$\frac{5}{16}$	1.100	50.8	x	7.94
2	x	$\frac{3}{8}$	1.320	50.8	x	9.52
2	x	$\frac{1}{2}$	1.760	50.8	x	12.7
2	x	$\frac{5}{8}$	2.200	50.8	x	15.9
2	x	$\frac{3}{4}$	2.634	50.8	x	19.0
2	x	1	3.512	50.8	x	25.4
2	x	$1\frac{1}{2}$	5.267	50.8	x	38.1
$2\frac{1}{4}$	x	$\frac{1}{4}$	.988	57.15	x	6.35
$2\frac{1}{2}$	x	$\frac{1}{8}$	.550	63.5	x	3.2
$2\frac{1}{2}$	x	$\frac{3}{16}$	.823	63.5	x	4.76
$2\frac{1}{2}$	x	$\frac{1}{4}$	1.100	63.5	x	6.35
$2\frac{1}{2}$	x	$\frac{3}{8}$	1.652	63.5	x	9.52
$2\frac{1}{2}$	x	$\frac{1}{2}$	2.200	63.5	x	12.7
$2\frac{1}{2}$	x	$\frac{3}{4}$	3.330	63.5	x	19.0
$2\frac{1}{2}$	x	1	4.390	63.5	x	25.4
$2\frac{1}{2}$	x	$1\frac{1}{2}$	6.580	63.5	x	38.1
3	x	$\frac{1}{8}$	.660	76.2	x	3.2
3	x	$\frac{3}{16}$	.988	76.2	x	4.76
3	x	$\frac{1}{4}$	1.320	76.2	x	6.35
3	x	$\frac{3}{8}$	1.980	76.2	x	9.52
3	x	$\frac{1}{2}$	2.634	76.2	x	12.7
3	x	$\frac{5}{8}$	3.330	76.2	x	15.9
3	x	$\frac{3}{4}$	3.960	76.2	x	19.0
3	x	1	5.267	76.2	x	25.4
3	x	$1\frac{1}{2}$	7.900	76.2	x	38.1
3	x	2	10.530	76.2	x	50.8





FLAT BARS CONTINUED... (ALUMINIUM)

IMPERIAL SIZE A		B	WEIGHT kg./m.	METRIC SIZE A		B
$3\frac{1}{2}$	x	$\frac{1}{4}$	1.537	88.90	x	6.35
$3\frac{1}{2}$	x	$\frac{1}{2}$	3.070	88.90	x	12.7
4	x	$\frac{1}{8}$	.880	101.6	x	3.2
4	x	$\frac{3}{16}$	1.320	101.6	x	4.76
4	x	$\frac{1}{4}$	1.760	101.6	x	6.35
4	x	$\frac{3}{8}$	2.634	101.6	x	9.52
4	x	$\frac{1}{2}$	3.512	101.6	x	12.7
4	x	$\frac{5}{8}$	4.390	101.6	x	15.9
4	x	$\frac{3}{4}$	5.267	101.6	x	19.0
4	x	1	7.023	101.6	x	25.4
4	x	$1\frac{1}{2}$	10.530	101.6	x	38.1
4	x	2	14.049	101.6	x	50.8
5	x	$\frac{1}{4}$	2.200	127.0	x	6.35
5	x	$\frac{1}{2}$	4.390	127.0	x	12.7
5	x	$\frac{3}{4}$	6.580	127.0	x	19.0
6	x	$\frac{1}{8}$	1.320	152.4	x	3.2
6	x	$\frac{1}{4}$	2.634	152.4	x	6.35
6	x	$\frac{3}{8}$	3.960	152.4	x	9.52
6	x	$\frac{1}{2}$	5.267	152.4	x	12.7
6	x	1	10.530	152.4	x	25.4

All our box sections are 5mtr lengths in 6082t6

SQUARE TUBES (ALUMINIUM)

IMPERIAL SIZE A		B		C	WEIGHT kg./m.	METRIC SIZE A		B		C
$\frac{1}{2}$	x	$\frac{1}{2}$	x	16 SWG	.200	12.7	X	12.7	x	1.6
$\frac{3}{4}$	x	$\frac{3}{4}$	x	16 SWG	.320	19.0	X	19.0	x	1.6
1	x	1	x	16 SWG	.422	25.4	X	25.4	x	1.6
1	x	1	x	10 SWG	.780	25.4	X	25.4	x	3.2
$1\frac{1}{4}$	x	$1\frac{1}{4}$	x	16 SWG	.544	31.75	X	31.75	x	1.6
$1\frac{1}{4}$	x	$1\frac{1}{4}$	x	10 SWG	.984	31.75	X	31.75	x	3.2
$1\frac{1}{2}$	x	$1\frac{1}{2}$	x	16 SWG	.666	38.10	X	38.10	x	1.6
$1\frac{1}{2}$	x	$1\frac{1}{2}$	x	10 SWG	1.218	38.10	X	38.10	x	3.2
$1\frac{3}{4}$	x	$1\frac{3}{4}$	x	10 SWG	1.453	44.40	X	44.40	x	3.2
2	x	2	x	16 SWG	.871	50.8	X	50.8	x	1.6
2	x	2	x	10 SWG	1.700	50.8	X	50.8	x	3.2
$2\frac{1}{2}$	x	$2\frac{1}{2}$	x	10 SWG	2.140	63.5	X	63.5	x	3.2
3	x	3	x	10 SWG	2.523	76.2	X	76.2	x	3.2
4	x	4	x	10 SWG	3.495	101.6	X	101.6	x	3.2

RECTANGULAR TUBES (ALUMINIUM)

IMPERIAL SIZE A		B		C	WEIGHT kg./m.	METRIC SIZE A		B		C
$1\frac{1}{2}$	x	1	x	16 SWG	.530	38.1	X	25.4	x	1.6
$1\frac{1}{2}$	x	1	x	10 SWG	1.010	38.1	X	25.4	x	3.2
2	x	1	x	10 SWG	1.240	50.8	X	25.4	x	3.2
$2\frac{1}{2}$	x	2	x	10 SWG	1.440	63.5	X	50.8	x	3.2
3	x	1	x	10 SWG	1.727	76.2	X	25.4	x	3.2
3	x	$1\frac{1}{2}$	x	10 SWG	1.907	76.2	X	38.1	x	3.2
3	x	$1\frac{3}{4}$	x	10 SWG	2.020	76.2	X	44.4	x	3.2
3	x	2	x	10 SWG	2.140	76.2	X	50.8	x	3.2
4	x	1	x	10 SWG	2.100	101.6	X	25.4	x	3.2
4	x	$1\frac{3}{4}$	x	10 SWG	2.490	101.6	X	44.4	x	3.2
4	x	2	x	10 SWG	2.561	101.6	X	50.8	x	3.2

ALUMINIUM SHEET KGS PER SHEET			
THICKNESS	2M x 1M	2.5M x 1.25M	3M x 1.5M
0.7mm	3.80	6.00	8.47
0.9mm	4.81	7.58	10.90
1.0mm	5.42	8.47	12.01
1.2mm	6.61	10.30	14.78
1.5mm	8.13	12.70	18.17
2.0mm	10.80	16.90	24.02
2.5mm	13.50	21.20	30.18
3.0mm	16.30	25.40	36.35
4.0mm	21.68	33.90	48.36
5.0mm	27.10	42.35	60.37
6.0mm	32.52	51.00	72.70
8.0mm	43.19	67.48	96.72
10.0mm	54.00	84.38	121.06
12.0mm	64.79	101.23	145.40

All our aluminium sheet is available with a plastic coating, delivery next day.

ALUMINIUM 5 BAR TREADPLATE		
THICKNESS ON PLAIN IN MM	SIZE MM	WEIGHT KG PER SHEET
2.0	2000 x 1000	13.1
	2500 x 1250	20.4
	3000 x 1500	29.4
3.0	2000 x 1000	18.5
	2500 x 1250	28.8
	3000 x 1500	41.6
4.0	2500 x 1250	37.4
	3000 x 1250	44.9
4.5	2000 x 1000	26.0
	2500 x 1250	41.6
	3000 x 1500	59.9
6.0	2000 x 1000	34.7
	2500 x 1250	54.4
	3000 x 1500	78.2

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YOUR CONTACT AT ORION ALLOYS. . . . . .

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Fax **01279 420044**

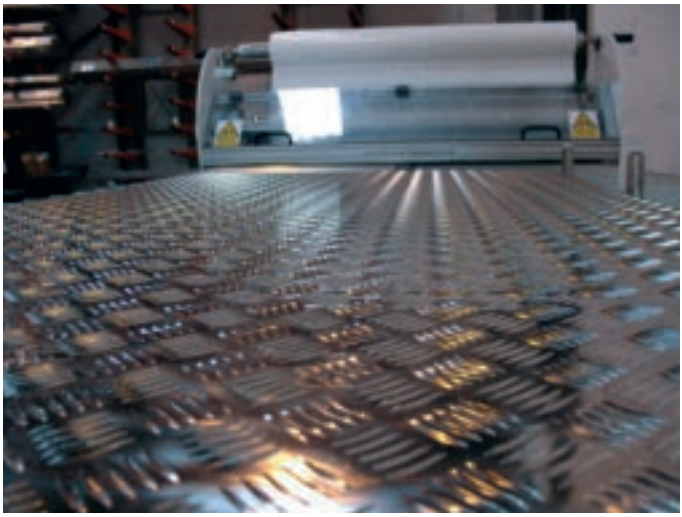
Please refer to our website for regular updates.

www.orionalloys.co.uk

Email **enquiries@orionalloys.com**

Please try us on all your polished requirements.

We offer a full polishing service.



We can protective coat all stock sheets in either standard or laser protective film.

Every aluminium section listed in this brochure is kept in stock. Many non standard sizes not listed are also available from stock, please enquire if it is not listed.

orion alloys

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