

## ROLLED PRODUCT ALLOYS

Specifications				Mechanical Properties		General Characteristics		
Alloy	Tempers	Old References	0.2% Proof Stress(Mpa) min.	Tensile Strength (Mpa)	Elongation % on 50mm *Depending on thickness	Typical Hardness HBS	Cold Forming	Machining
1050	H14	S1B	85	105-145	2-6	34	V	F
3103	H14	NS3	120	140-180	2-5	45	V	F
5005	H24	-	110	145-185	3-8	47	G	G
5251	H22	NS4 NP4	120	190-230	4-12	56	F	F
5083	O	NS8 NP8	125	275-350	11-16	75	V	G
5754	H111	AlMg3	MIN 80	190-240	12-18	52	G	V
6082	T6	HS30TF	260	310	6-10	94	N	G

**Materials are graded thus E-Excellent V-Very good G-Good F-Fair P-Poor N-Not recommended.**

Tempers indicate hardness for example the 3rd digit (e.g. the 4 in H14) indicates the degree of hardness (e.g. for 1050 & 3103, 2 is the quarter hard, 4 is half hard, 6 is 3/4 hard and 8 fully hard). The 2nd digit (e.g. the 1 in H14) shows the method used to achieve hardness; 1 is rolled to hardness, 2 is rolled more than required then partially annealed 'back' to the correct hardness. M represents 'As manufactured' and O means soft (annealed).

**1050** is the standard commercially available 99.5% pure aluminium sheet. Excellent resistance to corrosion, easily welded and fabricated. Common Uses: Insulation & flashings, vehicle panelling & signs, most general uses.

**3103** is slightly harder than 1050 mainly due to the addition of manganese, other properties similar. Common Uses: Roofing sheet & vehicle panelling.

**5005** is of an architectural anodising quality. Medium Strength. Common Uses: Decorative & architectural signs and curtain walling. However for a guaranteed consistent anodised finish, alloy J57S should be requested.

**5251** is a medium strength alloy, work hardens rapidly, easily welded & resistant to salt water. Common Uses: Panelling, Internal cladding in ships, tanks & containers.

**5083** is a high strength alloy, good weldability & corrosion resistance. Very resistant to sea water industrial atmospheres. Common Uses: Pressure vessels, road & rail transport and ship building.

**5754** offers good weldability & corrosion resistance. Resistant to salt water. Common Uses: treadplate for flooring and general fabrications.

**6082** is a fairly high strength Alloy but unsuitable for bending. Common Uses: Flat bed & Drop side lorry bodies and structural engineering.

## EXTRUDED PRODUCT ALLOYS

Alloy	Tempers	Old References	0.2% Proof Stress(Mpa)	Tensile Strength	Brinell Hardness	Vickers Hardness
6082	T6	HE30TF	270	310	90-100	95-105
	T4	HE30TB	120	190	60-70	64-74
6063	T6	HE9TF	160	210	75	80
	T4	HE9TB	70	120	50	50
	F	HE9M	-	-	-	-
6005A	T6	-	-	-	-	

**T6= Heat treated then artificially aged. T4=Heat treated and naturally ages to a stable condition.**

**6082T6** is our standard stock alloy for the bulk of sections 3mm thick or more. It is the hardest of the commercially available alloys, although not as strong as some of the specialist alloys. It is structurally sound and has good corrosion resistance and weldability. It is not designed for bending whilst cold. Common uses - structural alloy also used in road transport.

**6082T4** is not artificially aged therefore is initially more workable than 6082T6. With time it achieves the full hardness.

**6063T6** is our standard stock alloy for items below 3mm thick plus one or two sections where there is a particular industrial requirement. It is described as medium strength and is better than 6082 for extrusions with smaller details. It is also better for anodising, allowing a more consistent finish. Common uses - architectural extrusions, domestic uses, internal and external window frames.

**6063T4** is more suitable for cold forming and is our standard alloy for mouldings etc where the extrusion may need to be bent to fit its location.

**6005A** is a more recently developed alloy that combines a strength not far short of 6082 with the suitability for anodising of 6063. It is easier to extrude more detailed sections in 6005A than 6082.

**Rolled products information is based on BS EN 485 series.**

**Extruded products information is based on BS EN 525 series / BS EN 573 series / BS EN 755 series.**

**Further technical information is always available on request.**

**MILL FINISH SHEET - ALLOY 1050**

SIZE	THICKNESS (mm)								ALLOY
	0.5	0.7	1	1.2	1.5	2	2.5	3	
2000 X 1000	✓		✓	✓	✓	✓		✓	1050 H14
2500 X 1000						✓		✓	1050 H14
3000 X 1000						✓		✓	1050 H14
4000 X 1000						✓		✓	1050 H14
2500 X 1250		✓	✓	✓	✓	✓	✓	✓	1050 H14
3000 X 1250		✓	✓	✓	✓	✓		✓	1050 H14
4000 X 1250						✓		✓	1050 H14
2500 X 1500						✓		✓	1050 H14
3000 X 1500				✓	✓	✓	✓	✓	1050 H14
4000 X 1500						✓		✓	1050 H14
3000 X 2000						✓		✓	1050 H14
4000 X 2000						✓		✓	1050 H14

**MILL FINISH SHEET - VARIOUS ALLOYS**

SIZE	THICKNESS (mm)								ALLOY
	0.5	0.7	1	1.2	1.5	2	2.5	3	
2500 X 1250			✓		✓	✓		✓	5251 H22
2500 X 1250						✓		✓	5083 O H111
2500 X 1250			✓		✓	✓		✓	5005 H24

## ANODISED SHEET


SIZE	THICKNESS (mm)			ALLOY
	1	1.5	3	
2500 X 1250	SH11	SH8	SH13	5005 H24

## PLATE

SIZE	THICKNESS								ALLOY	
	5mm	6mm	3/8"	8mm	1/2"	5/8"	3/4"	1"		1.5"
2500 X 1250	✓	✓		✓						1050 H14
2500 X 1250			✓		✓	✓	✓	✓	✓	5083 O

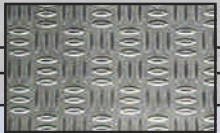
## 5 BAR TREADPLATE

SIZE	THICKNESS (mm)					ALLOY
	2	3	4.5	6	9.5	
2000 X 1000	✓	✓	✓			5754
2500 X 1250	✓	✓	✓	✓	✓	5754
3000 X 1500	✓	✓				5754




## CRICKET WEAVE PATT 33

SIZE	THICKNESS (mm)	ALLOY
	1.5	
2500 X 1250	SH52	5754 H12




## CHECKMATE PATT 51

SIZE	THICKNESS			ALLOY
	14 SWG	16 SWG	18 SWG	
8' X 4'	SH62	SH66	SH65	3103 F



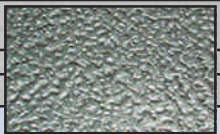
## FLUTED PATT 49

SIZE	THICKNESS (mm)	ALLOY
	1.2	
2500 X 1000	SH71	3103 F



## STUCCO PATT 70

SIZE	THICKNESS (mm)		ALLOY
	0.8	1.2	
2500 X 1250	SH87	SH80	1050 H14



## GLOSS WHITE PAINTED SHEET

SIZE	THICKNESS (mm)		ALLOY
	0.9	1.1	
2500 X 1250	SH37	SH31	3103 H46
4000 X 1250	SH39	SH33	3103 H46
2500 X 1524		SH34	3103 H46
4000 X 1524		SH36	3103 H46

## WHITE PAINTED COIL

SIZE/WIDTH	THICKNESS (mm)		ALLOY
	0.9	1.2	
1250MM	✓	✓	3105 H46
1524MM		✓	3105 H46

## WHITE PAINTED ROOF COIL

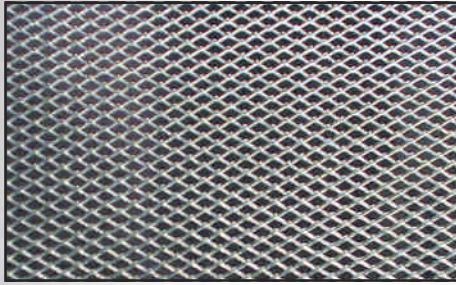
SIZE/WIDTH	THICKNESS (mm)		ALLOY
		1	
2538MM		✓	3003 H45

## MILL FINISH COIL

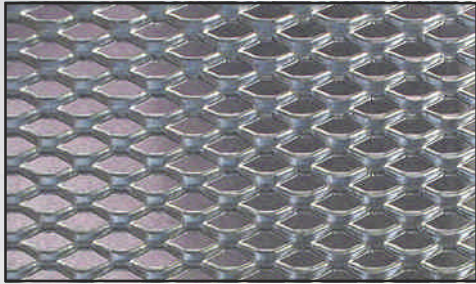
SIZE/WIDTH	THICKNESS (mm)		ALLOY
	0.56		
1524MM	✓		1050 H14

## MILL FINISH ROOF COIL

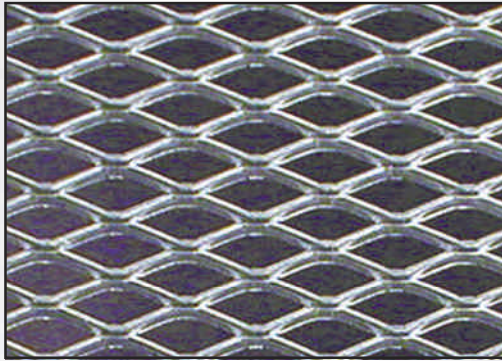
SIZE/WIDTH	THICKNESS (mm)		ALLOY
		1	
2514MM		✓	3003 H16



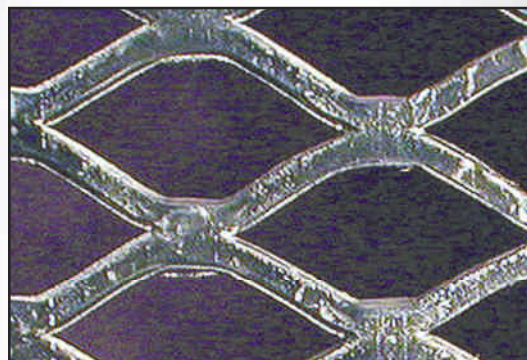
MESH NO	MESH TYPE	FINISH	SIZE (mm)	THICKNESS (mm)
M901A	Insect Protection System	MILL FINISH	610 X 10000	0.3



MESH NO	MESH TYPE	FINISH	SIZE (mm)	THICKNESS (mm)
M351A	RAISED	MILL FINISH	1250 X1250	0.96
M351A	RAISED	GOLD ANODISED	1250 X1250	0.96
M351A	RAISED	MILL FINISH	1350 X1250	0.96

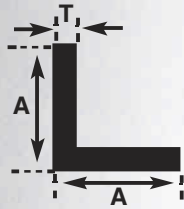


MESH NO	MESH TYPE	FINISH	SIZE (mm)	THICKNESS (mm)
M0798A	RAISED	MILL FINISH	2500 X 1250	0.9



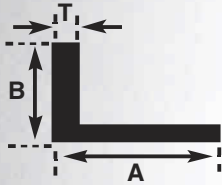
MESH NO	MESH TYPE	FINISH	SIZE (mm)	THICKNESS (mm)
M2074AF	FLATTENED MESH	MILL FINISH	2500 X 1250	3.0

ALL PICTURES ACTUAL SIZE



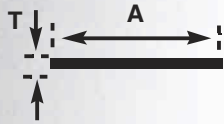
EQUAL ANGLE								
CODE	A		T		KGS/M	ALLOY	ROOT	LENGTH
	IMP	METRIC	IMP	METRIC				
	(inches)	(mm)	(inches)	(mm)				
AG1	3/8	9.53	1/16	1.59	0.076	6063 T6		3658
AG2	1/2	12.70	1/16	1.59	0.103	6063 T6		3658
AG25	1/2	12.70	1/8	3.18	0.198	6082 T6		3658
AG3	5/8	15.88	1/16	1.59	0.128	6063 T6		3658
AG26	5/8	15.88	1/8	3.18	0.246	6082 T6		4000
AG4	3/4	19.05	1/16	1.59	0.156	6063 T6		3658 & 5000
AG5	3/4	19.05	1/8	3.18	0.301	6082 T6		3658 & 5000
AG6	7/8	22.23	1/8	3.18	0.356	6082 T6		5000
AG7	1	25.40	1/16	1.59	0.213	6063 T6		3658 & 5000
AG8	1	25.40	1/8	3.18	0.411	6082 T6		3658 & 5000
AG9	1	25.40	3/16	4.76	0.597	6082 T6		5000
AG10	1	25.40	1/4	6.35	0.768	6082 T6		5000
AG28	1 1/8	28.58	1/8	3.18	0.466	6063 T6		5000
AG11	1 1/4	31.75	1/16	1.59	0.268	6063 T6		5000
AG12	1 1/4	31.75	1/8	3.18	0.519	6082 T6		5000
AG13	1 1/4	31.75	3/16	4.76	0.756	6082 T6		5000
AG14	1 1/4	31.75	1/4	6.35	0.987	6082 T6		5000
AG15	1 1/2	38.10	1/16	1.59	0.331	6063 T6		5000
AG16	1 1/2	38.10	1/8	3.18	0.632	6082 T6		3658 & 5000
AG17	1 1/2	38.10	3/16	4.76	0.921	6082 T6		5000
AG18	1 1/2	38.10	1/4	6.35	1.201	6082 T6		5000
AG19	1 5/8	41.28	1/8	3.18	0.687	6082 T6		5000
AG29	1 3/4	44.45	1/8	3.18	0.737	6082 T6		5000
AG20	2	50.80	1/8	3.18	0.847	6082 T6		3658
AG20								5000
AG20								6096
AG32	2	50.80	1/4	6.35	1.640	6082 T6		5000
AG33	2	50.80	3/16	4.76	1.247	6082 T6		5000
AG36	2 1/2	63.50	1/4	6.35	2.076	6082 T6		5000
AG34	3	76.20	1/8	3.18	1.284	6082 T6		5000
AG24	3	76.20	1/4	6.35	2.555	6082 T6	radius	5000
AG31	3.94	100.00	0.236	6.00	3.154	6082 T6		5000

EQUAL ANGLE ANODISED TO AA20							
CODE	A		T		KGS/M	ALLOY	LENGTH
	IMP	METRIC	IMP	METRIC			
	(inches)	(mm)	(inches)	(mm)			
AN7	3/4	19.05	1/16	1.59	0.156	6063 T6	3658
AN1	1	25.40	1/16	1.59	0.213	6063 T6	5000
AN2	1 1/4	31.75	1/16	1.59	0.265	6063 T6	3658
AN3	1 1/2	38.10	1/16	1.59	0.329	6063 T6	5000
AN4	1	25.40	1/8	3.18	0.411	6063 T6	5000
AN5	1 1/4	31.75	1/8	3.18	0.519	6063 T6	5000
AN6	1 1/2	38.10	1/8	3.18	0.632	6063 T6	5000
AN20	2	50.80	1/8	3.18	0.847	6063 T6	5000

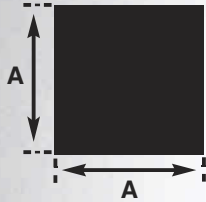


UNEQUAL ANGLE										
CODE	A		B		T		KGS/M	ALLOY	ROOT	LENGTH
	IMP	METRIC	IMP	METRIC	IMP	METRIC				
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)				(mm)
AG69	3/4	19.05	1/2	12.70	1/16	1.59	0.130	6063 T6		4000
AG50	3/4	19.05	1/2	12.70	1/8	3.18	0.246	6082 T6		5000
AG70	1	25.40	1/2	12.70	1/16	1.59	0.158	6063 T6		4000
AG51	1	25.40	1/2	12.70	1/8	3.18	0.302	6063 T6		5000
AG52	1	25.40	5/8	15.88	1/8	3.18	0.328	6082 T6		5000
AG67	1	25.40	3/4	19.05	1/8	3.18	0.356	6082 T6		5000
AG76	1 1/4	31.75	3/4	19.05	1/8	3.18	0.411	6082 T6		3658
AG53	1 1/4	31.75	1	25.40	1/8	3.18	0.464	6082 T6		5000
AG65	1 1/2	38.10	1/2	12.70	1/8	3.18	0.430	6082 T6		5000
AG72	1 1/2	38.10	3/4	19.05	1/8	3.18	0.466	6082 T6		5000
AG54	1 1/2	38.10	1	25.40	1/8	3.18	0.513	6082 T6		5000
AG77	1 3/4	44.45	1 1/4	31.75	1/8	3.18	0.632	6082 T6		4000
AG77	1 3/4	44.45	1 1/4	31.75	1/8	3.18	0.632	6082 T6		5000
AG91	2	50.80	3/4	19.05	1/8	3.18	0.575	6082 T6		6000
AG56	2	50.80	1	25.40	1/8	3.18	0.628	6082 T6		5000
AG90	2	50.80	1	25.40	3/16	4.76	0.926	6082 T6		6000
AG74	2	50.80	1 1/2	38.10	1/8	3.18	0.742	6082 T6		5000
AG57	2	50.80	1 1/2	38.10	3/16	4.76	1.083	6082 T6		5000
AG73	2	50.80	1	25.40	1/4	6.35	1.208	6082 T6		5000
AG85	2 1/2	63.50	1 1/2	38.10	3/16	4.76	1.23	6082 T6	radius	6096
AG59	2 1/2	63.50	2	50.80	3/16	4.76	1.421	6082 T6		5000
AG60	2 1/2	63.50	2	50.80	1/4	6.35	1.892	6082 T6	radius	6096
AG93	3	76.20	1	25.40	3/16	4.76	1.250	6082 T6		6000
AG61	3	76.20	1 1/2	38.10	1/8	3.18	0.961	6082 T6		5000
AG79	3	76.20	2	50.80	3/16	4.76	1.59	6082 T6		5000
AG82	3	76.20	2	50.80	1/8	3.18	1.066	6082 T6		5000
AG83	3	76.20	2	50.80	1/4	6.35	2.077	6082 T6		5000
AG92	4	101.60	1	25.40	1/8	3.18	1.068	6082 T6		6000
AG78	4	101.60	2	50.80	1/8	3.18	1.290	6082 T6		5000
AG84	4	101.60	2	50.80	1/4	6.35	2.515	6082 T6		5000
AG81	4	101.60	3	76.20	5/16	7.94	3.710	6082 T6	radius	5000
AG75	6	152.40	3	76.20	3/8	9.35	5.724	6082 T6		6096

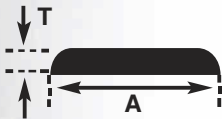
UNEQUAL ANGLE ANODISED TO AA20									
CODE	A		B		T		KGS/M	ALLOY	LENGTH
	IMP	METRIC	IMP	METRIC	IMP	METRIC			
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)			(mm)
AN70	1	25.40	1/2	12.70	1/16	1.59	0.158	6063 T6	4000
AN84	1 1/4	31.75	3/4	19.05	1/16	1.59	0.213	6063 T6	5000
AN66	1 1/2	38.10	7/8	22.23	1/8	3.18	0.491	6063 T6	4000



FLAT BAR							
CODE	A		T		KGS/M	ALLOY	LENGTH (mm)
	IMP	METRIC	IMP	METRIC			
	(inches)	(mm)	(inches)	(mm)			
BF62	3/8	9.53	1/8	3.18	0.082	6063 T6	3658
BF1	1/2	12.70	1/8	3.18	0.110	6082 T6	4000
BF2	3/4	19.05	1/8	3.18	0.165	6082 T6	5000
BF3	1	25.40	1/8	3.18	0.219	6082 T6	5000
BF5	1 1/4	31.75	1/8	3.18	0.272	6082 T6	5000
BF6	1 1/2	38.10	1/8	3.18	0.327	6082 T6	5000
BF7	2	50.80	1/8	3.18	0.439	6082 T6	5000
BF8	2 1/4	57.15	1/8	3.18	0.494	6082 T6	5000
BF46	3	76.20	1/8	3.18	0.656	6082 T6	5000
BF10	3/4	19.05	3/16	4.76	0.246	6082 T6	5000
BF11	1	25.40	3/16	4.76	0.327	6082 T6	5000
BF12	1 1/4	31.75	3/16	4.76	0.408	6082 T6	5000
BF13	1 1/2	38.10	3/16	4.76	0.490	6082 T6	5000
BF14	2	50.80	3/16	4.76	0.656	6082 T6	5000
BF47	2 1/2	63.50	3/16	4.76	0.819	6082 T6	5000
BF16	3/4	19.05	1/4	6.35	0.329	6082 T6	5000
BF17	1	25.40	1/4	6.35	0.438	6082 T6	5000
BF18	1 1/4	31.75	1/4	6.35	0.546	6082 T6	5000
BF19	1 1/2	38.10	1/4	6.35	0.656	6082 T6	5000
BF21	2	50.80	1/4	6.35	0.875	6082 T6	5000
BF22	3	76.20	1/4	6.35	1.313	6082 T6	5000
BF23	4	101.60	1/4	6.35	1.750	6082 T6	5000
BF48	6	152.40	1/4	6.35	2.625	6082 T6	5000
BF4	1/2	12.70	3/8	9.53	0.329	6082 T6	5000
BF24	1	25.40	3/8	9.53	0.656	6082 T6	5000
BF25	1 1/4	31.75	3/8	9.53	0.821	6082 T6	5000
BF26	1 1/2	38.10	3/8	9.53	0.984	6082 T6	5000
BF27	2	50.80	3/8	9.53	1.313	6082 T6	5000
BF28	3	76.20	3/8	9.53	1.969	6082 T6	5000
BF29	4	101.60	3/8	9.53	2.621	6082 T6	5000
BF30	3/4	19.05	1/2	12.70	0.656	6082 T6	5000
BF31	1	25.40	1/2	12.70	0.875	6082 T6	5000
BF32	1 1/2	38.10	1/2	12.70	1.313	6082 T6	5000
BF33	2	50.80	1/2	12.70	1.750	6082 T6	5000
BF57	2 1/2	63.50	1/2	12.70	2.188	6082 T6	5000
BF49	3	76.20	1/2	12.70	2.625	6082 T6	5000
BF50	4	101.60	1/2	12.70	3.500	6082 T6	5000
BF56	3/4	19.05	5/8	15.88	0.817	6082 T6	2500
BF55	1	25.40	5/8	15.88	1.103	6082 T6	5000
BF51	1 1/4	31.75	5/8	15.88	1.366	6082 T6	5000
BF34	1 1/2	38.10	5/8	15.88	1.641	6082 T6	5000
BF35	2	50.80	5/8	15.88	2.188	6082 T6	5000
BF36	1	25.40	3/4	19.05	1.312	6082 T6	5000
BF37	2	50.80	3/4	19.05	2.625	6082 T6	5000
BF39	3	76.20	3/4	19.05	3.958	6082 T6	5000
BF53	4	101.60	3/4	19.05	5.249	6082 T6	5000
BF40	2	50.80	1	25.40	3.500	6082 T6	5000

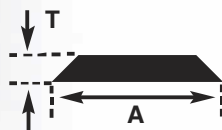


<b>SQUARE BAR</b>					
CODE	A		KGS/M	ALLOY	LENGTH
	IMP	METRIC			
	(inches)	(mm)			(mm)
BS3	1/2	12.70	0.439	6063 T6	3658
BS5	3/4	19.05	0.984	6082 T6	5000
BS7	1	25.40	1.750	6082 T6	3658
BS8	1 1/4	31.75	2.731	6082 T6	3658
BS9	1 1/2	38.10	3.938	6082 T6	3658
BS11	2	50.80	7.000	6082 T6	3658



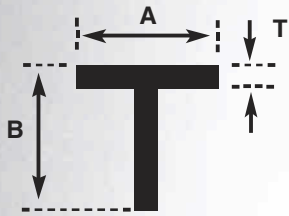
<b>DOUBLE ROUND BAR</b>							
CODE	A		T		KGS/M	ALLOY	LENGTH
	IMP	METRIC	IMP	METRIC			
	(inches)	(mm)	(inches)	(mm)			(mm)
BM21	1	25.40	1/8	3.18	0.207	6063 T6	3658
BM21							5000
BM21							6096
BM22*	1 1/4	31.75	1/8	3.18	0.262	6063 T6	3658
BM23	3	76.20	1/8	3.18	0.649	6063 T6	5000
BM25	1 1/2	38.10	1/8	3.18	0.318	6063 T6	3658
BM27	1 7/8	47.63	0.08	2.03	0.259	6063 T6	5000
BM28	2	50.80	1/8	3.18	0.427	6063 T6	5000

\*AN90 is BM22 Anodised to AA25

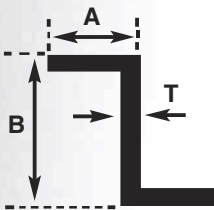


<b>DOUBLE BEVELLED BAR</b>							
CODE	A		T		KGS/M	ALLOY	LENGTH
	IMP	METRIC	IMP	METRIC			
	(inches)	(mm)	(inches)	(mm)			(mm)
BM10	1	25.40	1/8	3.18	0.179	6063 T6	3658

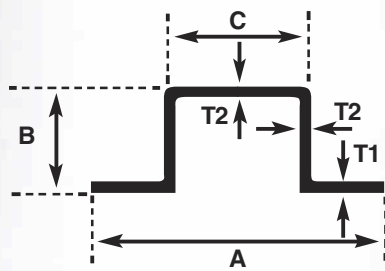
# TEE & ZED BAR & TOP HAT



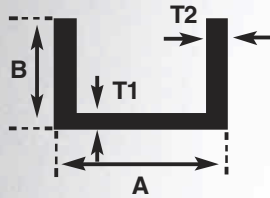
TEE									
CODE	A		B		T		KGS/M	ALLOY	LENGTH
	IMP	METRIC	IMP	METRIC	IMP	METRIC			
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)			(mm)
BT1	3/4	19.05	3/4	19.05	0.08	2.03	0.199	6063 T6	4000
BT2	1	25.40	1	25.40	1/8	3.18	0.409	6082 T6	5000
BT3	1 1/2	38.10	3/4	19.05	0.08	2.03	0.302	6082 T6	5000
BT4	1 1/2	38.10	1 1/2	38.10	1/8	3.18	0.628	6082 T6	5000
BT6	2	50.80	1 1/2	38.10	1/8	3.18	0.760	6082 T6	5000
BT8	2	50.80	2	50.80	1/4	6.35	1.68	6082 T6	5000



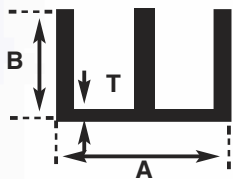
ZED										
CODE	A		B		T		KGS/M	ALLOY	ROOT	LENGTH
	IMP	METRIC	IMP	METRIC	IMP	METRIC				
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)				(mm)
BM31	3/4	19.05	1	25.40	0.093	2.36	0.385	6082 T6	radius	5000
BM32	3/4	19.05	1 3/8	34.93	1/8	3.18	0.574	6082 T6		5000
BM34	7/8	22.23	1.156	29.40	0.093	2.40	0.443	6082 T6	radius	5000
BM35	1	25.40	1 1/4	31.74	1/8	3.18	0.672	6082 T6	radius	5000
BM36	1 1/2	38.10	2	50.80	1/4	6.35	1.996	6082 T6	radius	5000



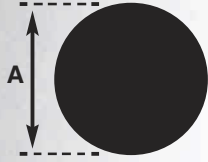
TOP HAT														
CODE	A		B		C		T1		T2		KGS/M	ALLOY	ROOT	LENGTH
	IMP	METRIC	IMP	METRIC	IMP	METRIC	IMP	METRIC	IMP	METRIC				
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)				(mm)
CV65	3 1/2	88.90	1 1/4	31.80	1 3/4	44.40	1/8	3.20	1/8	3.20	1.262	6082T6	radius	5000
CV66	3	76.20	1 1/4	31.75	1 3/4	44.40	0.09	2.4	0.08	2	0.775	6082T6	radius	5000
CV71	2 1/4	57.15	1/2	12.70	1 1/4	31.75	0.056	1.42	0.056	1.42	0.318	6082T6	square	5000
CV74	2 3/16	55.56	7/8	22.23	1	25.40	0.08	2.03	0.08	2.03	0.558	6082T6	radius	5000



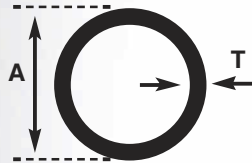
<b>CHANNEL</b>												
CODE	A		B		T1		T2		KGS/M	ALLOY	ROOT	LENGTH
	IMP	METRIC	IMP	METRIC	IMP	METRIC	IMP	METRIC				
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)				
CH2	0.385	9.78	3/8	9.53	1/16	1.59	1/16	1.59	0.110	6063 T6		4000
CH6	1/2	12.70	1/2	12.70	1/16	1.59	1/16	1.59	0.151	6063 T6		3658
CH15	1/2	12.70	3/4	19.05	1/16	1.59	1/16	1.59	0.206	6063 T6		5000
CH14	5/8	15.88	5/8	15.88	1/16	1.59	1/16	1.59	0.189	6063 T6		5000
CH35	3/4	19.05	1/2	12.70	1/8	3.18	1/8	3.18	0.327	6063 T6		3658
CH16	3/4	19.05	3/4	19.05	1/8	3.18	1/8	3.18	0.438	6082 T6		5000
CH17	3/4	19.05	1	25.40	1/16	1.59	1/16	1.59	0.286	6063 T6		5000
CH18	1	25.40	1/2	12.70	1/8	3.18	1/8	3.18	0.391	6063 T6		3658
CH19	1	25.40	3/4	19.05	1/8	3.18	1/8	3.18	0.491	6063 T6		5000
CH8	1	25.40	1	25.40	0.1	2.54	0.1	2.54	0.490	6082 T6		5000
CH54	1	25.40	1	25.40	1/8	3.18	1/8	3.18	0.603	6063 T6		5000
CH9	1 1/4	31.75	1	25.40	1/8	3.18	1/8	3.18	0.683	6082 T6		5000
CH50	1 1/4	31.75	1 1/4	31.75	1/8	3.18	1/8	3.18	0.765	6082 T6		5000
CH21	1 3/8	34.93	1	25.40	1/8	3.18	1/8	3.18	0.683	6082 T6		5000
CH22	1 1/2	38.10	3/4	19.05	0.1	2.54	0.1	2.54	0.497	6063 T6		3658
CH53	1 1/2	38.10	1	25.40	1/8	3.18	1/8	3.18	0.713	6082 T6		5000
CH34	1 1/2	38.10	1 1/2	38.10	1/8	3.18	1/8	3.18	0.929	6082 T6		5000
CH10	2	50.80	1	25.40	1/8	3.18	1/8	3.18	0.821	6082 T6		5000
CH26	2	50.80	2	50.80	1/8	3.18	1/8	3.18	1.256	6082 T6		5000
CH27	2	50.80	2	50.80	1/4	6.35	1/4	6.35	2.406	6082 T6		5000
CH48	2 1/4	57.15	1 1/4	31.75	3/16	4.76	3/16	4.76	1.432	6082 T6		5000
CH55	3	76.20	1	25.40	1/8	3.18	1/8	3.18	1.042	6082 T6		6000
CH38	3	76.20	1 1/2	38.10	1/8	3.18	1/8	3.18	1.259	6082 T6		5000
CV11	3	76.20	1 1/2	38.10	0.158	4.00	0.216	5.50	1.926	6082 T6	radius	5000
CH56	3	76.20	1 1/2	38.10	1/4	6.35	1/4	6.35	2.414	6082 T6		6000
CH40	3	76.20	2	50.80	1/8	3.18	1/8	3.18	1.477	6082 T6		5000
CH39	3	76.20	2	50.80	1/4	6.35	1/4	6.35	2.847	6082 T6		5000 & 6000
CH57	4	101.60	1	25.40	1/8	3.18	1/8	3.18	1.259	6082 T6		5000
CV9	4	101.60	2	50.80	1/4	6.40	5/16	7.90	3.762	6082 T6	radius	5000
CH49	5	127.00	2	50.80	1/4	6.35	5/16	7.96	4.196	6082 T6	radius	5000
CV7	6	152.40	2	50.80	1/4	6.35	5/16	7.94	4.647	6082 T6	radius	5000
CV8	6	152.40	2	50.80	3/16	4.7	1/4	6.4	3.643	6082 T6	radius	5000
CH11	10	254.00	3	76.20	1/4	6.35	3/8	9.35	8.373	6082 T6	radius	6096
CH11	10	254.00	3	76.20	1/4	6.35	3/8	9.35	8.373	6082 T6	radius	7620
CH11	10	254.00	3	76.20	1/4	6.35	3/8	9.35	8.373	6082 T6	radius	8535



<b>DOUBLE CHANNEL</b>									
CODE	A		B		T		KGS/M	ALLOY	LENGTH
	IMP	METRIC	IMP	METRIC	IMP	METRIC			
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)			
CH32	0.705	17.91	0.475	12.07	0.04	1.1	0.173	6063 T6	3658

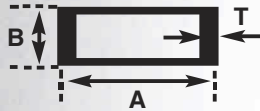


ROUND BAR					
CODE	A		KGS/M	ALLOY	LENGTH
	IMP (inches)	METRIC (mm)			
BR1	3/16	4.76	0.050	6063 T6	3658
BR23	1/4	6.35	0.086	6063 T6	3658
BR2	5/16	7.94	0.134	6063 T6	3048
BR3	3/8	9.53	0.192	6082 T6	3658
BR4	1/2	12.70	0.344	6082 T6	3658
BR5	5/8	15.88	0.537	6082 T6	3658
BR6	3/4	19.05	0.772	6082 T6	3658
BR7	1	25.40	1.370	6082 T6	5000
BR9	1 1/4	31.75	2.140	6082 T6	3658
BR10	1 1/2	38.10	3.095	6082 T6	4000
BR25	1 3/4	44.45	4.212	6082 T6	4000
BR12	2	50.80	5.490	6082 T6	4000
BR13	2 1/4	57.15	6.950	6082 T6	3658
BR14	2 1/2	63.50	8.587	6082 T6	4000

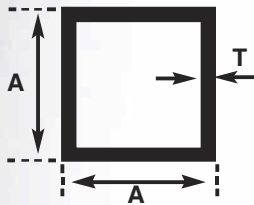


ROUND TUBE							
CODE	A		T		KGS/M	ALLOY	LENGTH
	IMP (inches)	METRIC (mm)	SWG	METRIC (mm)			
TE11	3/8	9.53	16SWG	1.63	0.109	6063 T6	5000
TE38	5/8	15.88	16SWG	1.63	0.196	6063 T6	5000
TE85	3/4	19.05	14SWG	2.03	0.293	6063 T6	3658
TE43	1	25.40	16SWG	1.63	0.328	6082 T6	5000
TE42	1	25.40	14SWG	2.03	0.403	6063 T6	5000
TE13	1	25.40	10SWG	3.25	0.612	6082 T6	6000
TE16	1 1/4	31.75	10SWG	3.25	0.787	6082 T6	5000
TE82	1 1/2	38.10	16SWG	1.63	0.503	6082 T6	5000
TE18	1 1/2	38.10	10SWG	3.25	0.963	6082 T6	6000
TE45	1 1/2	38.10	1/4	6.35	1.726	6082 T6	5000
TE20	1.66	42.16	0.140	3.56	1.180	6082 T6	5000
TE87	1 3/4	43.18	1/8	3.18	1.141	6082 T6	6000
TE48	1 7/8	47.63	14SWG	2.03	0.787	6063 T6	5000
TE83	2	50.80	16SWG	1.63	0.679	6082 T6	5000
TE22	2	50.80	10SWG	3.25	1.313	6082 T6	5000
TE88	2	50.80	1/4	6.35	2.402	6082 T6	6000
TE23	2 1/2	63.50	10SWG	3.25	1.666	6082 T6	5000
TE54	3	76.20	16SWG	1.63	1.034	6082 T6	5000
TE25	3	76.20	10SWG	3.25	2.009	6082 T6	6096
TE26	3	76.20	1/4	6.35	3.765	6082 T6	6096
TE28	4	101.60	16SWG	1.63	1.422	6063 T6	5000
TE29	4	101.60	10SWG	3.25	2.714	6082 T6	6000

# RECTANGULAR & SQUARE TUBE

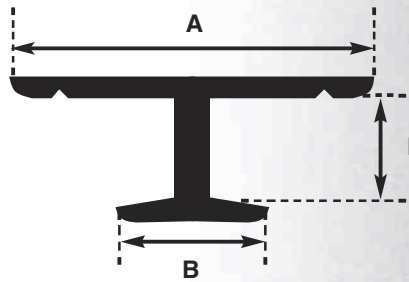
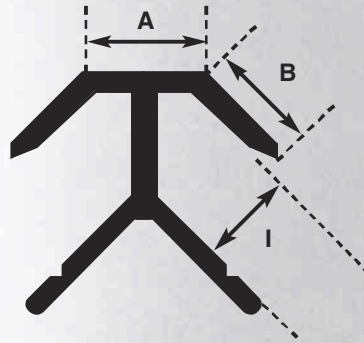


RECTANGULAR TUBE									
CODE	A		B		T		KGS/M	ALLOY	LENGTH
	IMP	METRIC	IMP	METRIC	IMP	METRIC			
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)			
TE118	1	25.40	1/2	12.70	16SWG	1.63	0.296	6063T6	5000
TE115	1 1/2	38.10	1	25.40	10SWG	3.25	1.005	6082T6	5000
TE116	1.57	40.00	0.79	20.00	0.083	2.00	0.610	6082T6	5000
TE131	2	50.80	1	25.40	1/16	1.59	0.628	6082T6	5000
TE113	2	50.80	1	25.40	1/8	3.18	1.229	6082T6	5000
TE114	2	50.80	1 1/2	38.10	10SWG	3.25	1.452	6082T6	5000
TE111	3	76.20	2	50.80	1/8	3.18	2.085	6082T6	5000
TE112	4	101.60	2	50.80	1/8	3.18	2.430	6082T6	5000
TE112									6000
TE112									8000
TE135	3.94	100.00	1.97	50.00	0.12	3.00	2.343	6082T6	5000
TE136	3.94	100.00	0.98	25.00	0.08	2.00	1.320	6082T6	5000

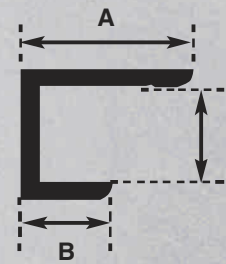


SQUARE TUBE							
CODE	A		T		KGS/M	ALLOY	LENGTH
	IMP	METRIC	SWG	METRIC			
	(inches)	(mm)		(mm)			
TE101	1/2	12.70	16SWG	1.63	0.192	6063 T6	3658
TE102	3/4	19.05	16SWG	1.63	0.308	6063 T6	3658
TE103	1	25.40	16SWG	1.63	0.421	6082 T6	5000
TE105	1	25.40	10SWG	3.25	0.780	6082 T6	5000
TE106	1 1/4	31.75	16SWG	1.63	0.535	6082 T6	5000
TE126	1 1/4	31.75	10SWG	3.25	1.000	6082 T6	5000
TE107	1 1/2	38.10	16SWG	1.63	0.631	6063 T6	5000
TE108	1 1/2	38.10	10SWG	3.25	1.228	6082 T6	5000
TE110	1 3/4	44.45	10SWG	3.25	1.451	6082 T6	6000
TE109	2	50.80	10SWG	3.25	1.740	6082 T6	5000
TE125	2 1/2	63.50	14SWG	2.03	1.347	6063 T6	4000
TE129	3	76.20	0.077	1.96	1.593	6063 T6	3658
TE128	4	101.60	0.1	2.54	2.68	6063 T6	4000

AA108



AA109



AA110

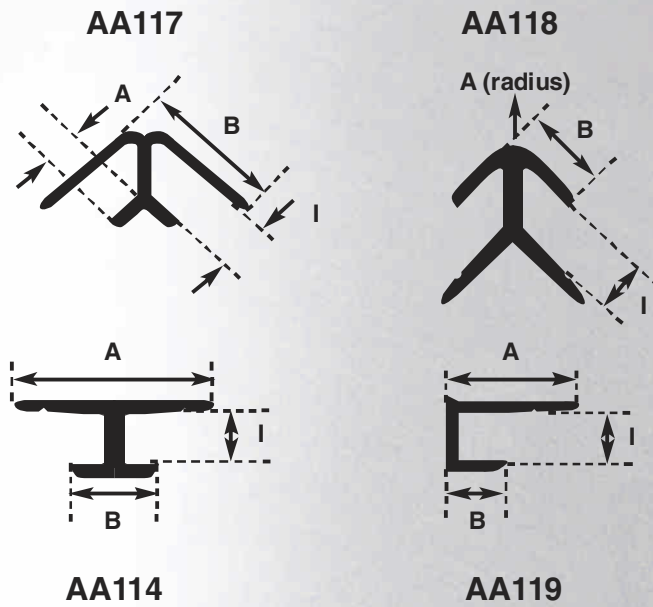
ALL PICTURES APPROXIMATE SIZE

**WALLBOARD 1/2" ANODISED TO AA5**

CODE	DESCRIPTION	A		B		I		KGS/M	ALLOY	LENGTH
		IMP	METRIC	IMP	METRIC	IMP	METRIC			
		(inches)	(mm)	(inches)	(mm)	(inches)	(mm)			
AA108	1/2" PANEL EDGE EXT. CORNER	0.625	15.88	0.53	13.34	1/2*	12.7*	0.395	6063 T6	5000
AA109	1/2" PANEL EDGE CONTINUAL RUN	1.81	46	0.8	20.4	1/2*	12.7*	0.317	6063 T6	5000
AA110	1/2" PANEL EDGE CAPPING A	0.94	23.8	0.44	11.2	1/2*	12.7*	0.193	6063 T6	5000

\* Internal measurements are nominal up to 14.6 mm

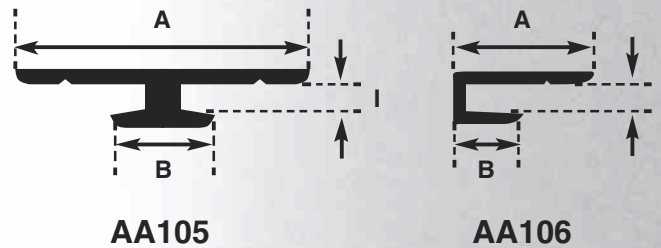




ALL PICTURES APPROXIMATE SIZE

WALLBOARD 1/4" ANODISED TO AA5										
CODE	DESCRIPTION	A		B		I		KGS/M	ALLOY	LENGTH
		IMP	METRIC	IMP	METRIC	IMP	METRIC			
		(inches)	(mm)	(inches)	(mm)	(inches)	(mm)			(mm)
AA117	1/4" PANEL EDGE INT.CORNER	-	-	7/8	22.2	1/4*	6.35*	0.223	6063 T6	5000
AA118	1/4" PANEL EDGE EXT. CORNER	0.187	4.76	0.5	12.0	1/4*	6.35*	0.228	6063 T6	5000
AA114	1/4" PANEL EDGE CONTINUAL RUN	1.187	30.18	0.45	11.13	1/4*	6.35*	0.202	6063 T6	5000
AA119	1/4" PANEL EDGE CAPPING	0.69	17.5	0.313	7.95	1/4*	6.35*	0.138	6063 T6	5000

\* Internal measurements are nominal up to 7.14 mm

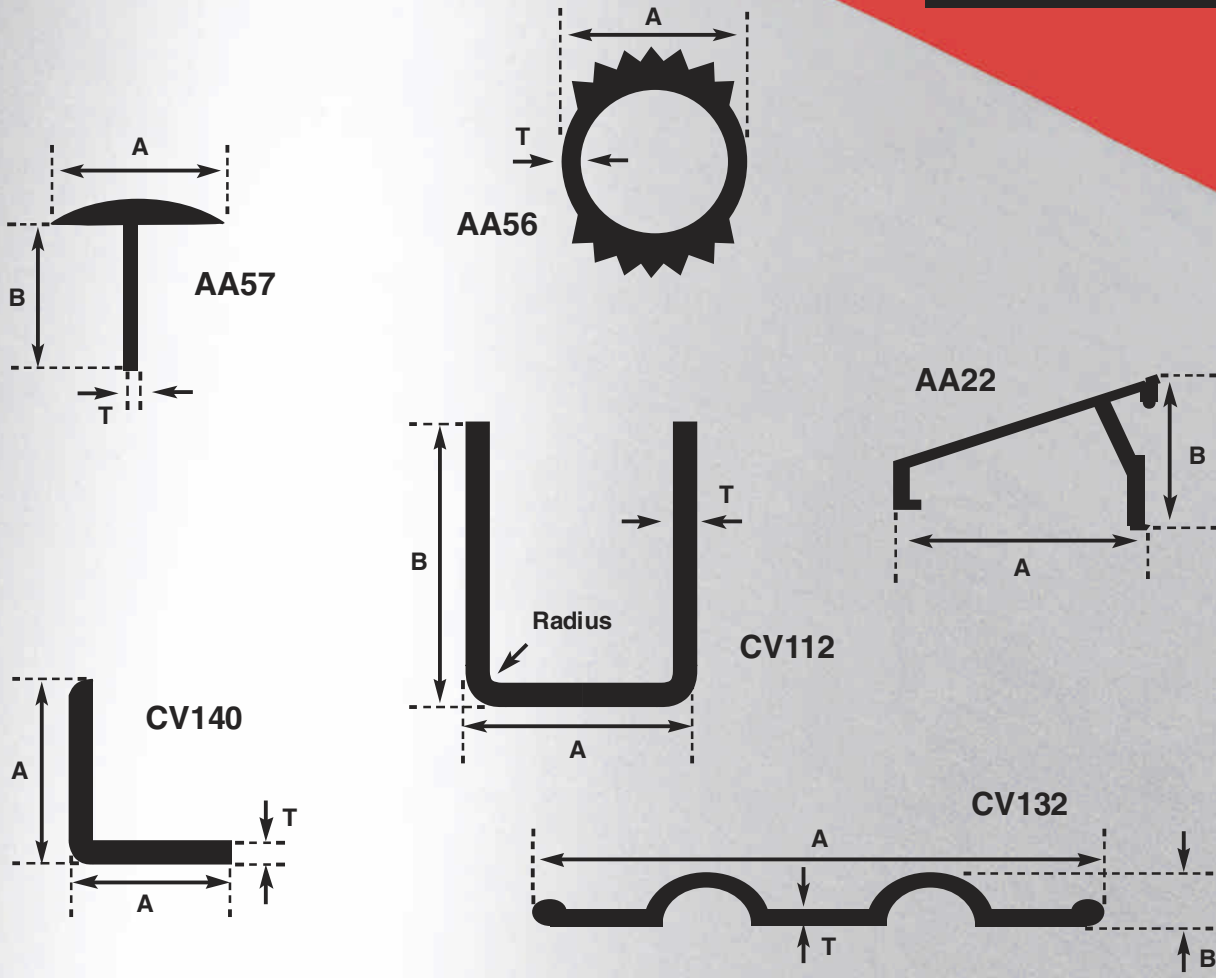


ALL PICTURES APPROXIMATE SIZE

WALLBOARD 1/8" ANODISED TO AA5										
CODE	DESCRIPTION	A		B		I		KGS/M	ALLOY	LENGTH
		IMP	METRIC	IMP	METRIC	IMP	METRIC			
		(inches)	(mm)	(inches)	(mm)	(inches)	(mm)			(mm)
AA105	1/8" PANEL EDGE CONTINUAL RUN	1.35	34.29	1/2	12.70	1/8*	3.18*	0.168	6063 T6	5000
AA106	1/8" PANEL EDGE CAPPING	0.7	17.78	0.33	8.38	1/8*	3.18*	0.102	6063 T6	5000

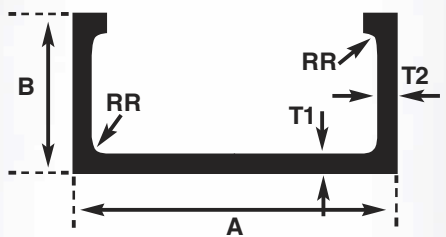
\* Internal measurements are nominal up to 3.3 mm

# MISCELLANEOUS SECTION



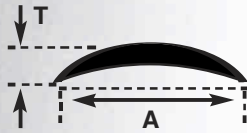
ALL PICTURES APPROXIMATE SIZE

MISCELLANEOUS										
CODE	DESCRIPTION	A		B		T		KGS/M	ALLOY	LENGTH
		IMP	METRIC	IMP	METRIC	IMP	METRIC			
		(inches)	(mm)	(inches)	(mm)	(inches)	(mm)			
AA22	DOOR WEATHER BOARD Anod AA25	1 3/8	35	3/4	20	-	-	0.282	6063T6	5000
AA56	ROUND LADDER RUNG	1	25.4	-	-	10SWG	3.25	0.588	6005AT6	3658
AA57	LAP PLATE OFFSET Anod AA15	7/8	22	3/4	19	1/16	1.5	0.207	6063T4	3658
CV112	CLOSURE CHANNEL	1 1/4	31.24	1 1/2	38.1	0.1	2.54	0.704	6082T6	5000
CV132	RUBBING RAIL	3	76.20	5/16	7.92	1/16	1.5	0.400	6082T6	5000 & 7000
CV140	CAPPING ANGLE	1	25.4	-	-	0.09	2.3	0.302	6082T6	5000

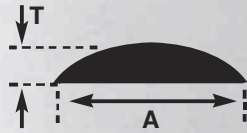


LIPPED CHANNEL												
CODE	A		B		T1		T2		KGS/M	ALLOY	ROOT	LENGTH
	IMP	METRIC	IMP	METRIC	IMP	METRIC	IMP	METRIC				
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)				
CV1	4	101.60	2	50.80	0.161	4.10	3/16	4.80	2.444	6082T6	radius + lip	5000

FOR OTHER CHANNELS PLEASE SEE PAGE 13

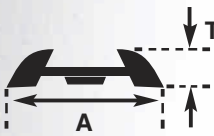


**MM11  
MM13**

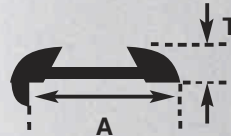


**MM15**

<b>HALF ROUND</b> HOLLOW OR SOLID BACK							
CODE	A		T		KGS/M	ALLOY	LENGTH
	IMP	METRIC	IMP	METRIC			
	(inches)	(mm)	(inches)	(mm)			(mm)
MM11	1	25.40	3/16	4.76	0.196	6063 T4	3658
MM13	2	50.80	1/4	6.35	0.445	6063 T4	3658
MM15	1	25.40	1/4	6.35	0.298	6063 T4	3658



**MM27**

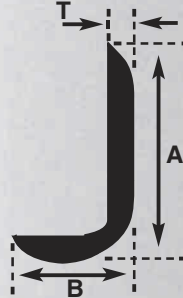


**MM30**

<b>EDGING SECTION</b> FLAT BASED OR LIPPED. FOR PLASTIC FILLERS PLEASE SEE PAGE 22.								
CODE	A		T		KGS/M	ALLOY	PLASTIC FILLER	LENGTH
	IMP	METRIC	IMP	METRIC				
	(inches)	(mm)	(inches)	(mm)				(mm)
MM27	3/4	19.05	0.2	5.26	0.117	6060F	CP111	3658
MM30	3/4	19.05	3/16	4.76	0.150	6060F	CP112	4267

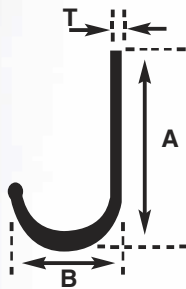


**MM4(CV144)**



**MM5**

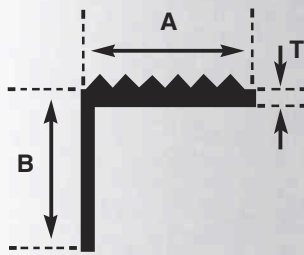
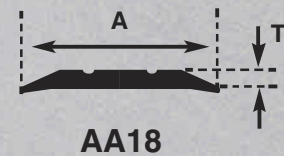
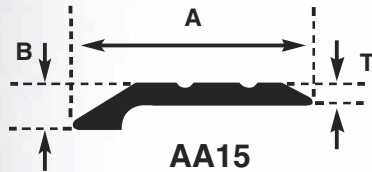
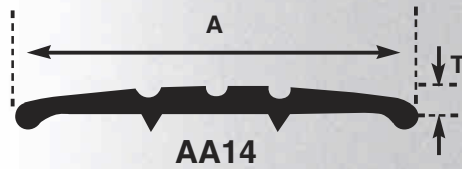
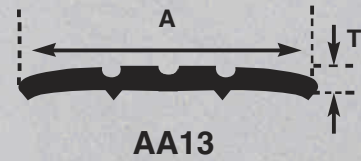
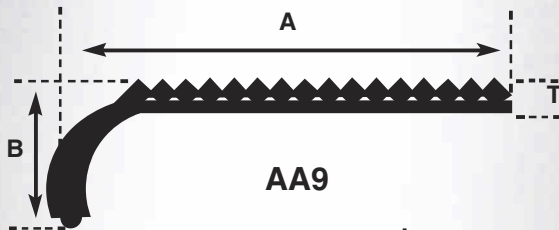
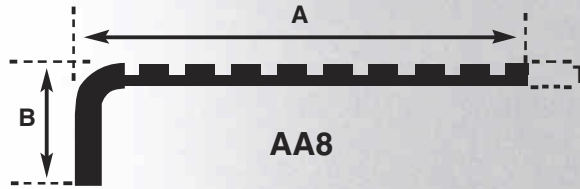
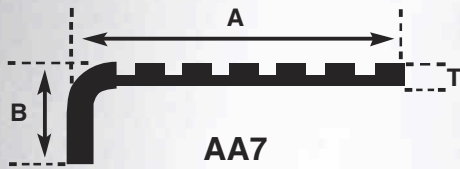
<b>CORNER MOULDING</b>										
CODE	DESCRIPTION	A		B		T		KGS/M	ALLOY	LENGTH
		IMP	METRIC	IMP	METRIC	IMP	METRIC			
		(inches)	(mm)	(inches)	(mm)	(inches)	(mm)			(mm)
MM4	CORNER MOULD	7/8	23.00	3/8	9.00	1/8	3.00	0.198	6063 F	3658 & 4267
MM5	CORNER MOULD	1.094	27.76	5/8	15.87	1/8	3.17	0.237	6063 F	5000



<b>J GUTTER</b>										
CODE	DESCRIPTION	A		B		T		KGS/M	ALLOY	LENGTH
		IMP	METRIC	IMP	METRIC	IMP	METRIC			
		(inches)	(mm)	(inches)	(mm)	(inches)	(mm)			(mm)
MM21*	1" J GUTTER	1 1/16	26.97	5/8	16.00	1/16	1.5	0.182	6063 T4	5000

\*CS115 is MM21 Anodised to AA15

# FLOOR AND STAIR SECTION



AA30

## STAIR NOSING

CODE	DESCRIPTION	A		B		T		KGS/M	ALLOY	LENGTH (mm)
		IMP	METRIC	IMP	METRIC	IMP	METRIC			
		(inches)	(mm)	(inches)	(mm)	(inches)	(mm)			
AA7	STAIR NOSING	1 3/4	44.45	1/2	12.7	1/8	3.18	0.367	6063T6	3658
AA8	STAIR NOSING	2 1/4	57.15	5/8	15.88	1/8	3.18	0.545	6063T6	3658
AA9	STAIR NOSING	2 3/8	60.33	3/4	19.05	3/16	4.75	0.693	6063T6	5000
AA13	CARPET COVER STRIP	1 1/2	38.10	-	-	1/8	3.00	0.282	6063T6	2400 & 3658
AA13GO	CARPET COVER STRIP gold anod	1 1/2	38.10	-	-	1/8	3.00	0.282	6063T6	2400 & 3658
AA14	CARPET COVER STRIP	2	50.8	-	-	0.1	2.80	0.320	6063T6	3658
AA15	BEV. EDGE CARPET COVER STRIP	1 1/4	31.75	1/4	6	1/8	3.00	0.186	6063T6	2400 & 3658
AA15GO	BEV. EDGE COVER STRIP gold anod	1 1/4	31.75	1/4	6	1/8	3.00	0.186	6063T6	2400 & 3658
AA18	CARPET COVER STRIP	1	25.40	-	-	0.08	1.98	0.119	6063T6	3658
AA18GO	CARPET COVER STRIP gold anod	1	25.40	-	-	0.08	1.98	0.119	6063T6	3658
AA30	FLUTED ANGLE	1	25.4	1	25.4	1/16	1.59	0.230	6063T6	3658