

# Geometric and Specialised Products Catalogue

2nd Edition December 2016









Contact Us.. 

**XCLUSIVE**  
*Aluminium Made Ezi...*



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**Find us:**



Ezi Aluminium Systems is pleased to provide you with the latest Ezial Geometric and Specialised Products Catalogue. We aim to provide superior locally produced aluminium extrusions of the highest quality, on time delivery and shorter lead times for urgent requirements, along with a competitive pricing strategy through developing partnerships with our customers.

Established in 2007, Ezial is a 100% Australian owned company, committed to providing a far superior quality service for supply of local extrusions.

Ezial offers a comprehensive range of profiles in a range of alloys & tempers in a range of finishes, from the very smallest profiles up to the very largest produced from one of the largest extrusion presses in Australia. This enables our customers to enjoy the benefits of competitively priced extrusions backed up by the best possible service.

The combined 150 plus years of experience in design, supply and distribution of aluminium extrusions to the aluminium fabrication and manufacturing industry, amongst the Ezial team, has allowed us to create a business which can provide practical solutions to meet the varied needs of any end use aluminium application.

Our customers can confidently cut an exclusive shape and design with Ezial, being secure in the knowledge that we treat each and every enquiry with the utmost respect and discretion.

A comprehensive range of Standard Sections is available, which includes a wide variety of Geometrics, Ventilation & Sun Control Louvres, Privacy Screening, Transport, Marine, Balustrade, Sign Box, Cool Room and numerous other shapes for various end use applications. Our list of current shapes is constantly changing and we ask you to contact us with any enquiries regarding shapes not currently in the catalogue.

We strive to continually improve and develop our current extrusion product ranges and procedures to ensure we consistently conform to the highest quality standards required by you, the customer.

Ezial is:

- 100% Australian Owned.
- Major distributor of aluminium shapes.
- Knowledgeable & skilled in all aspects of the design and supply of aluminium extrusion profiles.
- A totally customer focused supplier – Understanding the Customer's needs is our first priority.

Ezial provides:

- Numerous standard and exclusive sections, produced locally in the shortest possible lead times.
- A wide variety of alloys, tempers and lengths.
- Choice of mill, anodised or powder coated surface finishes.
- Additional services such as cut to length, drilling, punching, slotting, knurling, extrusion routing.
- Appropriate packing choices for your extrusions, such as spiral wrapping, foam or plastic interleave, full pack, bare bundles, as required for local and interstate delivery.
- Additional test certificates incorporating chemical and mechanical testing as required.

Please consult with your Area Manager to discuss your needs and specific extrusion requirements.



## Alloys

**6063 up to T5** - General Purpose/Architectural - high extrudability, moderate strength

**6063 up to T6** - General Purpose/Architectural - high extrudability, higher strength

**6060 up to T5** - available on request (bending quality)

**6260 up to T5** - Specific Bendable Alloy that exhibits minimum age hardening over time

**6106 up to T6** - Semi structural, high extrudability

**6005A up to T5** - Structural - moderate extrudability may require water quenching

**6351 up to T6** - Structural - moderate extrudability generally requires water quenching

**6061 up to T6** - Structural - low extrudability requires quenching

**6082 up to T6** - High Structural - fair extrudability requires quenching

**1350** - very soft used in high conductivity applications and extreme bending

## Tempers

**T1** - Unaged (not available in all alloys)

**T4** - Unaged - suitable for extreme bending applications

**T591** - Bendable grade (not available in all alloys)

**T595** - Higher Strength Bendable grade (not available in all alloys)

**T52** - Bendable grade for specific applications (not available in all alloys)

**T5** - General purpose age (not available in all alloys)

**T6** - Maximum Strength (not available in all alloys)

**Lengths:** Up to 14.5mtr

**Finish:** Mill, Powder Coating, Anodising

**Value Adding:** Drilling, Cutting, Punching etc

## EZIAL POWDER COATING

Ezial offer a streamlined powder coating service to take the worry and handling costs typically experienced with third party finishers away from you, the customer, enabling you to concentrate on more important business matters knowing that the end product will be Australian Standards compliant.

With

- Professional and Friendly Service
- Quick turnaround
- Competitive pricing
- Wider variety of colours
- 7 to 20 years warranty available
- Quality powder coating with Dulux and Interpon

Ezial have all your powdercoating needs covered.

Please discuss your requirements with your Area Manager.



## FOREST ALLOY

At Ezial, we have access to “FOREST ALLOY” - a range of powder coated timber look colours applied to aluminium to provide a durable alternative to timber.

This range boasts many features and can be used in multiple applications. This specially designed finish has a natural timber look with a subtle texture to enhance the finished product. With wood grain effects that simulate actual knots in wood you will find this product decorative and desirable, yet offering the resilience of powder coated aluminium.

Some suitable application include:

- \* Decking
- \* Planks
- \* Balustrading
- \* Louvres
- \* Fencing
- \* Gates





## VALUE ADDED SERVICES NOW AVAILABLE

We are now able to offer a range of extra services to our customers. You can save time, transport and administration costs by having Ezial organise to process your extrusions in house.

A brief outline of our processing services is detailed below:

1. **Precision cut to length service.** Sections up to 10.0mtr long can now be cut to precise length with a tolerance as close as +/- 0.50mm depending on the section size.
2. **Drilling.** We are able to drill your extrusions ready for assembly.
3. **Punching.** Our Punch press is a 40 Tonne unit, and we are able to arrange custom tooling to suit a wide range of applications.



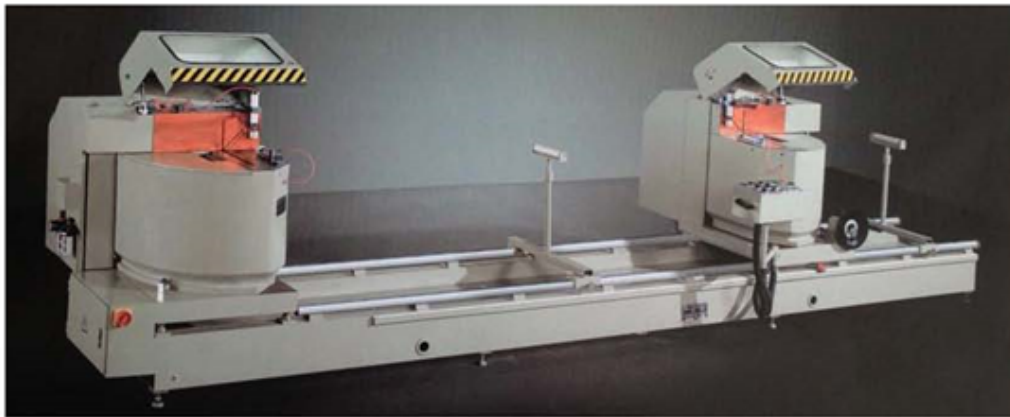
4. **Routing of extruded section.** We have commissioned our new Router and can offer routing of extrusions up to 200mm high and 300mm wide with a bed length of 6.50mtr. Longer lengths may be possible, depending on section size etc.



- 5. Horizontal and Vertical Saw.** Horizontal sawing of extrusion to a depth of 196mm with the capability of vertical cut off is also available. This equipment is ideal for neatly notching sections, ready for assembly.



- 6. Double Mitre Saw.** Our Double Mitre Saw has a high cutting capacity and very high accuracy due to its Servo controlled Moving Head and Cut from Below blade system. The cuts are exceptionally clean and both blades are independently adjustable (See General Specifications). The cutting capacity is wide making it suitable for both Architectural and Industrial applications.



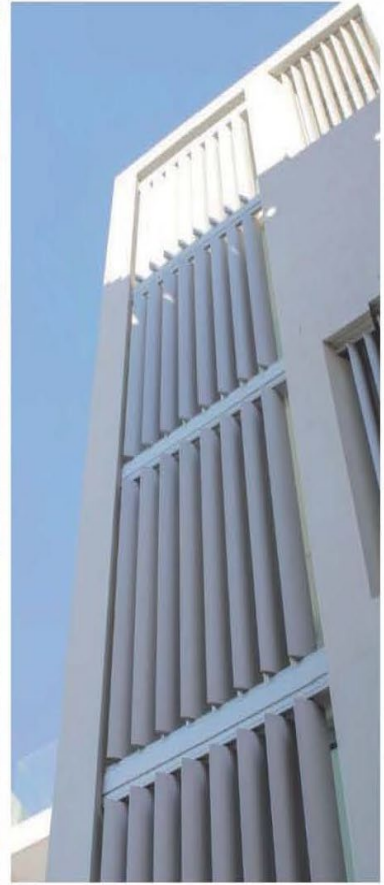
**General Cutting Specifications.** Lengths from 600mm to 6500mm maximum overall section size of 310mm (w) x 180mm(h). Some larger sections may be possible, please enquire.

Both blades can be rotated in the Horizontal and Vertical planes independently. Normal mitre cutting from 30 to 135 degrees and vertical cutting from 90 to 45 degrees.

**Please contact your Area Manager for further information.**



## GALLERY





## GALLERY



## GALLERY



## GEOMETRIC SHAPES

### SECTIONS INDEX

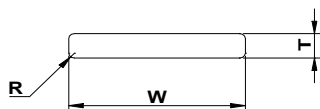
PRODUCT	SECTION
FLAT BAR	A
SQUARE BAR	B
ROUND BAR	C
ANGLE	D
CHANNEL	E
ROUND TUBE	F
SQUARE BOX	G
RECTANGULAR HOLLOW SECTIONS	H
TEES	J
HEXAGONAL BAR	K
SPECIALISED PRODUCTS	L





## GEOMETRIC SHAPES

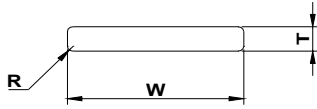
### FLAT BAR



PART #	W	T	R	DETAILS	MASS Kg/M	ANOD PERIM	CCD	Stock
FB103	10.00	3.00			0.080	100.00	10.47	Yes
FB123	12.00	3.00			0.098	100.00	12.37	Yes
FB124	12.00	4.00			0.130	100.00	12.65	Yes
FB126	12.00	6.00			0.195	100.00	13.42	Yes
FB1210	12.00	10.00			0.325	100.00	15.62	Yes
FB15258	15.25	8.00			0.331	100.00	17.22	
FB163	16.00	3.00			0.130	100.00	16.28	Yes
FB1904318	19.04	3.18			0.164	100.00	19.30	
FB1905635	19.05	6.35			0.328	100.00	20.08	
FB203	20.00	3.00			0.163	100.00	20.22	Yes
FB204	20.00	4.00			0.217	100.00	20.40	Yes
FB206	20.00	6.00			0.325	100.00	20.88	Yes
FB2010	20.00	10.00			0.542	100.00	22.36	Yes
FB2012	20.00	12.00			0.650	100.00	23.32	Yes
FB2516	25.00	1.60			0.108	100.00	25.20	Yes
FB253	25.00	3.00			0.203	100.00	25.18	Yes
FB254	25.00	4.00			0.271	100.00	25.32	Yes
FB255	25.00	5.00			0.339	100.00	25.50	
FB256	25.00	6.00			0.407	100.00	25.71	Yes
FB2510R	25.00	10.00	5.00		0.619	100.00	25.00	
FB2510	25.00	10.00			0.678	100.00	26.93	Yes
FB2512	25.00	12.00			0.813	100.00	27.73	Yes
FB2520	25.00	20.00			1.355	100.00	32.02	Yes
FB254157	25.40	1.57			0.108	100.00	25.45	
FB303	30.00	3.00			0.244	100.00	30.50	
FB304R	30.00	4.00	2.00		0.316	100.00	30.00	
FB305R	30.00	5.00	F R		0.392	100.00	30.00	
FB323	32.00	3.00			0.260	100.00	32.14	Yes
FB325	32.00	5.00			0.434	100.00	32.40	
FB326	32.00	6.00			0.520	100.00	32.56	Yes
FB3210	32.00	10.00			0.867	100.00	33.53	Yes
FB3510	35.00	10.00			0.949	100.00	36.40	
FB366R	36.00	6.00	F R		0.566	100.00	36.00	
FB3816	38.00	1.60			0.165	100.00	38.10	
FB3825	38.00	2.50			0.257	100.00	38.08	
FB3825R	38.00	25.00	3.00		2.554	120.85	43.22	
FB402	40.00	2.00			0.216	100.00	40.00	
FB403	40.00	3.00			0.325	100.00	40.11	Yes
FB404R	40.00	4.00	2.00		0.424	100.00	40.00	Yes
FB404	40.00	4.00			0.434	100.00	40.20	Yes
FB405	40.00	5.00		1350 ALLOY	0.542	100.00	40.30	

## GEOMETRIC SHAPES

### FLAT BAR

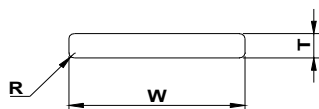


PART #	W	T	R	DETAILS	MASS Kg/M	ANOD PERIM	CCD	Stock
FB405	40.00	5.00			0.542	100.00	40.03	
FB406R	40.00	6.00	3.00		0.629	100.00	40.00	
FB406	40.00	6.00			0.650	100.00	40.45	Yes
FB408	40.00	8.00			0.867	100.00	40.79	
FB4010	40.00	10.00			1.084	100.00	41.23	Yes
FB4012	40.00	12.00			1.301	104.00	41.76	Yes
FB4016	40.00	16.00			1.734	112.00	43.08	Yes
FB4020	40.00	20.00			2.168	120.00	44.72	Yes
FB4025	40.00	25.00			2.710	130.00	47.17	Yes
FB453R	45.00	3.00	0.50		0.365	100.00	45.05	
FB455	45.00	5.00			0.609	100.00	45.20	
FB48558R	48.50	5.80	F R		0.743	103.62	48.50	
FB503	50.00	3.00			0.407	106.00	50.09	Yes
FB503R	50.00	3.00	F R		0.442	113.42	55.00	
FB504R	50.00	4.00	2.00		0.533	104.57	50.00	Yes
FB504	50.00	4.00			0.542	108.00	50.16	Yes
FB505R	50.00	5.00	2.50		0.663	105.71	50.00	
FB505	50.00	5.00			0.678	110.00	50.25	
FB506R	50.00	6.00	3.00		0.792	106.85	50.00	
FB506	50.00	6.00			0.813	112.00	50.09	Yes
FB508R	50.00	8.00	4.00		1.047	109.13	50.00	
FB508	50.00	8.00			1.084	116.00	50.64	
FB5010R	50.00	10.00	5.00		1.297	111.42	50.00	
FB5010	50.00	10.00			1.355	120.00	50.99	Yes
FB5012	50.00	12.00			1.626	124.00	51.42	Yes
FB5020	50.00	20.00			2.710	140.00	53.85	Yes
FB5025	50.00	25.00			3.386	150.00	55.90	Yes
FB508396R	50.80	3.96	F R		0.536	106.12	50.80	
FB508635	50.80	6.35			0.874	114.30	51.20	
FB508381	50.80	38.10			5.245	177.11	63.50	
FB553	55.00	3.00			0.447	115.31	55.00	
FB555	55.00	5.00		V-GROOVE	0.744	119.14	55.00	
FB558R	55.00	8.00	4.00		1.155	119.13	55.04	
FB603	60.00	3.00			0.488	126.00	60.07	Yes
FB605R	60.00	5.00	2.50		0.798	125.71	60.00	
FB606	60.00	6.00			0.976	132.00	60.30	Yes
FB6010	60.00	10.00			1.626	140.00	60.83	Yes
FB6012	60.00	12.00			1.951	144.00	61.19	Yes
FB6014	60.00	14.00			2.276	148.00	61.60	
FB6030	60.00	30.00			4.879	179.31	67.00	
FB653	65.00	3.00			0.528	136.00	65.07	



## GEOMETRIC SHAPES

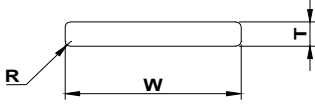
### FLAT BAR



PART #	W	T	R	DETAILS	MASS Kg/M	ANOD PERIM	CCD	Stock
FB6520	65.00	20.00			3.523	170.00	68.01	
FB706	70.00	6.00			1.138	151.31	70.00	
FB753	75.00	3.00			0.610	156.00	75.10	
FB754	75.00	4.00			0.813	158.00	75.11	
FB755R	75.00	5.00	1.00		1.014	158.28	75.06	
FB7516	75.00	16.00			3.252	182.00	77.00	
FB7619635	76.19	6.35			1.311	165.08	76.45	
FB76264	76.20	6.40			1.322	165.20	76.47	
FB8016	80.00	1.60			0.347	163.20	80.02	Yes
FB803	80.00	3.00			0.650	166.00	80.06	Yes
FB804	80.00	4.00			0.867	168.00	80.10	Yes
FB806R	80.00	6.00	3.00		1.280	166.85	80.00	
FB806	80.00	6.00			1.301	172.00	81.00	Yes
FB806	80.00	6.00		1350 ALLOY	1.301	172.00	81.00	
FB8063R	80.00	6.30	3.15		1.343	167.19	80.00	
FB808	80.00	8.00			1.734	176.00	80.40	
FB8010R	80.00	10.00	3.00		2.147	174.85	80.00	
FB8010	80.00	10.00			2.168	180.00	80.62	Yes
FB8012	80.00	12.00			2.602	184.00	80.89	Yes
FB8016	80.00	16.00			3.469	192.00	81.58	Yes
FB8025	80.00	25.00			5.420	210.00	83.82	Yes
FB8720	87.00	20.00			4.715	213.31	89.20	
FB9425	94.00	2.50			0.637	193.00	94.04	
FB957R	95.00	7.00	2.00		1.793	200.57	95.10	
FB9625R	96.00	2.50	1.00		0.648	195.28	96.10	
FB10016	100.00	1.60			0.434	203.20	100.00	Yes
FB10022R	100.00	2.20	F R		0.593	202.51	100.00	
FB10025R	100.00	2.50	1.25		0.674	202.85	100.00	
FB1003	100.00	3.00			0.813	206.00	100.04	Yes
FB1004	100.00	4.00			1.084	208.00	100.08	Yes
FB1006	100.00	6.00			1.626	212.00	100.20	Yes
FB1006	100.00	6.00		1350 ALLOY	1.626	212.00	100.20	
FB10063R	100.00	6.30	3.15		1.684	207.19	100.00	
FB1008R	100.00	8.00	4.00		2.131	209.13	100.00	
FB1008	100.00	8.00			2.168	216.00	100.32	
FB10010	100.00	10.00			2.710	220.00	100.50	Yes
FB10012	100.00	12.00			3.252	224.00	100.72	Yes
FB10016	100.00	16.00			4.336	232.00	101.27	
FB10025	100.00	25.00			6.775	250.00	103.08	Yes
FB10220	102.00	20.00			5.528	243.31	103.90	
FB10517	105.00	17.00			4.837	243.31	107.00	

## GEOMETRIC SHAPES

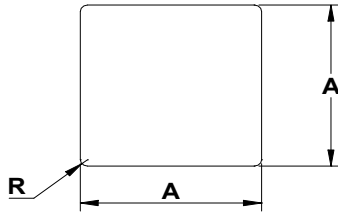
### FLAT BAR



PART #	W	T	R	DETAILS	MASS Kg/M	ANOD PERIM	CCD	Stock
FB10530	105.00	30.00			8.536	269.31	109.00	
FB11225R	112.00	2.50	1.00		0.756	227.28	112.10	
FB1153	115.00	3.00			0.935	236.00	115.04	
FB1205	120.00	5.00			1.626	250.00	120.10	
FB12010	120.00	10.00			3.252	259.31	120.40	
FB1253	125.00	3.00			1.016	256.00	125.04	
FB127952	127.00	9.52			3.276	273.04	127.36	
FB1303R	130.00	3.00	0.50		1.056	265.14	130.10	
FB1304	130.00	4.00			1.409	268.00	130.06	
FB1306	130.00	6.00			2.113	271.31	130.20	
FB13017	130.00	17.00			5.989	293.31	131.00	
FB1328	132.00	8.00			2.862	280.00	132.24	
FB1408	140.00	8.00			3.035	296.00	140.23	
FB14425R	144.00	2.50	1.00		0.973	291.28	144.10	
FB15016	150.00	1.60			0.650	303.20	150.00	
FB1504	150.00	4.00			1.626	308.00	150.05	
FB1506	150.00	6.00			2.439	312.00	150.12	Yes
FB1508	150.00	8.00			3.252	315.31	150.20	
FB15010	150.00	10.00			4.065	320.00	150.33	
FB15022	150.00	22.00			8.943	344.00	151.50	
FB157288	157.00	28.80			12.253	370.91	160.00	
FB1604	160.00	4.00			1.734	328.00	160.05	Yes
FB1606	160.00	6.00			2.602	332.00	160.11	Yes
FB16010	160.00	10.00			4.366	340.00	160.31	Yes
FB16012	160.00	12.00			5.203	344.00	160.45	Yes
FB16025	160.00	25.00			10.84	370.00	161.94	Yes
FB17010	170.00	10.00			4.607	360.00	170.29	
FB1754	175.00	4.00			1.897	358.00	175.05	
FB1755	175.00	5.00			2.371	360.00	175.07	
FB1758	175.00	8.00			3.794	366.00	175.18	
FB17510	175.00	10.00			4.743	370.00	175.29	
FB183428	183.00	42.80			21.225	450.91	188.00	
FB2006	200.00	6.00			3.252	412.00	200.10	
FB20012	200.00	12.00			6.504	423.31	201.00	Yes
FB22512	225.00	12.00			7.317	473.31	226.00	

## GEOMETRIC SHAPES

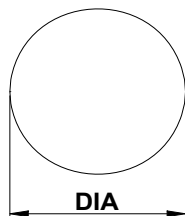
### SQUARE BAR



PART #	W	T	R	DETAILS	MASS kg/m	ANOD PERIM	CCD	Stock
SQ7979	7.90	7.90		Square Bar	0.169	100.00	11.20	
SQ88	8.00	8.00		Square Bar	0.173	100.00	11.00	
SQ1010	10.00	10.00		Square Bar	0.271	100.00	14.40	
SQ1212	12.00	12.00		Square Bar	0.390	100.00	16.97	Yes
SQ1616	16.00	16.00		Square Bar	0.694	100.00	22.63	
SQ2020	20.00	20.00		Square Bar	1.084	100.00	28.28	Yes
SQ2525	25.00	25.00		Square Bar	1.694	100.00	35.36	
SQ4040	40.00	40.00		Square Bar	4.336	160.00	56.57	Yes
SQ5050	50.00	50.00		Square Bar	6.775	200.00	70.71	
SQ5151	51.00	51.00		Square Bar	7.048	203.31	71.80	
SQ6565	65.00	65.00		Square Bar	11.450	260.00	91.92	

## GEOMETRIC SHAPES

### ROUND BAR

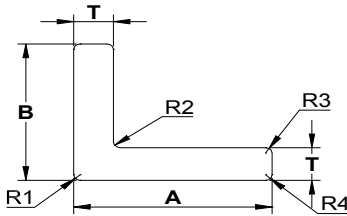


PART #	DIA.	DETAILS	MASS kg/m	ANOD PERIM	CCD	Stock
RB8	8.00	ROUND BAR	0.136	100.00	8.00	
RB10	10.00	ROUND BAR	0.213	100.00	10.00	Yes
RB12	12.00	ROUND BAR	0.307	100.00	12.00	Yes
RB14	14.00	ROUND BAR	0.417	100.00	14.00	Yes
RB1588	15.88	ROUND BAR	0.537	100.00	15.88	Yes
RB16	16.00	ROUND BAR	0.545	100.00	16.00	Yes
RB20	20.00	ROUND BAR	0.851	100.00	20.00	Yes
RB25	25.00	ROUND BAR	1.330	100.00	25.00	Yes
RB254	25.40	ROUND BAR	1.373	100.00	25.40	
RB30	30.00	ROUND BAR	1.916	100.00	30.00	
RB32	32.00	ROUND BAR	2.180	100.53	32.00	
RB3335	33.35	ROUND BAR	2.367	104.77	33.40	
RB40	40.00	ROUND BAR	3.405	125.66	40.00	
RB50	50.00	ROUND BAR	5.321	157.08	50.00	
RB508	50.80	ROUND BAR	5.493	159.59	50.80	Yes
RB52	52.00	ROUND BAR	5.755	163.36	64.50	
RB6033	60.33	ROUND BAR	7.747	189.53	60.33	Yes
RB635	63.50	ROUND BAR	8.582	199.49	63.50	Yes
RB713	71.30	ROUND BAR	10.821	224.00	71.30	
RB762	76.20	ROUND BAR	12.359	239.39	76.20	Yes
RB1016	101.60	ROUND BAR	21.971	319.19	101.60	Yes
RB110	110.00	ROUND BAR	25.754	345.58	110.00	
RB120	120.00	ROUND BAR	30.649	377	120.00	



## GEOMETRIC SHAPES

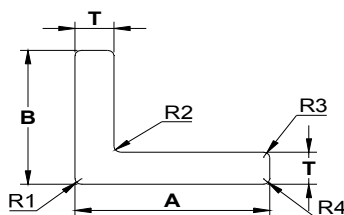
### ANGLE



PART #	A	B	T	R1	R2	R3	R4	DETAIL	MASS kg/m	ANOD PERIM	CCD	Stock
AN121216	12.00	12.00	1.60						0.100	100	17.07	Yes
AN16162	16.00	16.00	2.00						0.163	100.00	22.63	
AN16163	16.00	16.00	3.00						0.236	100.00	22.63	Yes
AN19192	19.00	19.00	2.00						0.195	100.00	26.87	
AN201216	20.00	12.00	1.60						0.132	100.00	23.32	Yes
AN20123	20.00	12.00	3.00						0.236	100.00	23.32	Yes
AN202016	20.00	20.00	1.60						0.167	100.00	28.28	Yes
AN20203	20.00	20.00	3.00						0.301	100.00	28.28	Yes
AN25123	25.00	12.00	3.00						0.276	100.00	27.79	Yes
AN252015	25.00	20.00	1.50						0.177	100.00	32.02	
AN252016	25.00	20.00	1.60						0.188	100.00	32.00	Yes
AN252025	25.00	20.00	2.50						0.288	100.00	32.02	
AN25203	25.00	20.00	3.00						0.341	100.00	32.06	Yes
AN252516	25.00	25.00	1.60						0.210	100.00	35.36	Yes
AN25253	25.00	25.00	3.00						0.382	100.00	36.00	Yes
AN25256	25.00	25.00	6.00						0.715	100.00	35.36	
AN28283R	28.00	28.00	3.00	3.00			3.00		0.416	107.68	37.20	
AN30203	30.00	20.00	3.00						0.382	100.00	35.53	
AN322014	32.00	20.00	1.40						0.192	104.00	37.74	
AN322016	32.00	20.00	1.60						0.219	104.00	37.74	Yes
AN322025	32.00	20.00	2.50						0.335	104.00	37.74	
AN32203	32.00	20.00	3.00						0.398	104.00	37.74	
AN322525	32.00	25.00	2.50						0.369	112.97	40.30	
AN32253	32.00	25.00	3.00						0.439	114.00	40.61	Yes
AN323215	32.00	32.00	1.50						0.254	128.00	45.25	Yes
AN32323	32.00	32.00	3.00						0.499	128.00	45.25	Yes
AN32324	32.00	32.00	4.00						0.650	128.00	45.25	
AN382523	38.00	25.00	2.30						0.378	126.00	45.49	
AN38253	38.00	25.00	3.00						0.488	126.00	45.49	
AN3812223236R	38.10	22.23	2.36	1.19		1.18	1.18		0.367	118.12	43.00	
AN381381475R	38.10	38.10	4.75		5.33				0.936	150.11	53.88	
AN401215	40.00	12.00	1.50						0.205	104.00	41.76	Yes
AN40123	40.00	12.00	3.00						0.398	104.00	41.76	Yes
AN402015	40.00	20.00	1.50						0.238	120.00	44.72	
AN402016	40.00	20.00	1.60						0.253	120.00	44.80	Yes
AN40203	40.00	20.00	3.00						0.463	120.00	44.72	Yes
AN402516	40.00	25.00	1.60						0.275	130.00	47.17	Yes
AN40253	40.00	25.00	3.00						0.504	130.00	41.17	Yes
AN403016	40.00	30.00	1.60						0.297	140.00	50.00	
AN404015	40.00	40.00	1.50					WITH"V"	0.316	159.96	56.24	
AN404015	40.00	40.00	1.50						0.319	160.00	56.57	
AN404016	40.00	40.00	1.60						0.340	160.00	56.60	Yes
AN40403	40.00	40.00	3.00						0.626	160.00	56.57	Yes

## GEOMETRIC SHAPES

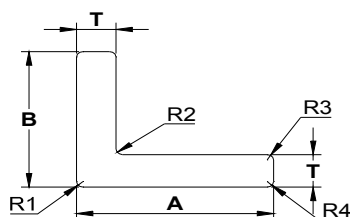
### ANGLE



PART #	A	B	T	R1	R2	R3	R4	DETAIL	MASS kg/m	ANOD PERIM	CCD	Stock
AN404036	40.00	40.00	3.60						0.745	158.97	56.30	
AN40404	40.00	40.00	4.00						0.824	160.00	56.57	Yes
AN40406	40.00	40.00	6.00						1.203	160.00	56.57	Yes
AN442516	44.00	25.00	1.60						0.292	138.00	51.60	
AN50106	50.00	10.00	6.00						0.878	120.00	50.99	
AN50123	50.00	12.00	3.00						0.480	124.00	51.42	Yes
AN50203R	50.00	20.00	3.00	6.00	3.00				0.529	136.14	53.85	
AN50203	50.00	20.00	3.00						0.545	140.00	53.85	Yes
AN502515	50.00	25.00	1.50						0.299	150.00	55.90	
AN502516	50.00	25.00	1.60						0.318	150.00	56.00	Yes
AN50253	50.00	25.00	3.00						0.585	150.00	55.90	Yes
AN50403	50.00	40.00	3.00						0.707	180.00	64.03	
AN50405R	50.00	40.00	5.00		4.00	0.60	0.60		1.160	177.00	63.19	
AN50406	50.00	40.00	6.00						1.366	180.00	63.41	
AN505015	50.00	50.00	1.50						0.400	200.00	70.71	
AN505016	50.00	50.00	1.60						0.427	200.00	70.71	Yes
AN50503	50.00	50.00	3.00						0.789	200.00	71.00	Yes
AN50504R	50.00	50.00	4.00		2.50				1.044	198.93	70.71	Yes
AN50504	50.00	50.00	4.00						1.041	200.00	70.71	
AN50506R	50.00	50.00	6.00		4.00				1.538	198.28	70.71	
AN50506	50.00	50.00	6.00						1.528	200.00	71.00	Yes
AN508508635R	50.80	50.80	6.35		6.10				1.661	200.58	71.84	
AN60253	60.00	25.00	3.00						0.667	170.00	65.00	Yes
AN60404	60.00	40.00	4.00						1.041	200.00	72.11	
AN60405	60.00	40.00	5.00						1.287	200.00	72.11	
AN604525	60.00	45.00	2.50						0.694	208.97	74.70	
AN60603	60.00	60.00	3.00						0.951	238.97	85.00	Yes
AN60606R	60.00	60.00	6.00		4.00				1.863	238.28	82.57	
AN60606	60.00	60.00	6.00						1.854	240.00	84.85	
AN63384	63.00	38.00	4.00						1.051	202.00	73.57	
AN636345	63.00	63.00	4.50						1.481	250.97	88.80	
AN635635635R	63.50	63.50	6.35		6.86				2.104	251.06	89.80	
AN65403	65.00	40.00	3.00						0.829	208.97	76.10	
AN702515	70.00	25.00	1.50						0.380	190.00	74.33	Yes
AN704015	70.00	40.00	1.50						0.441	220.00	80.62	Yes
AN704015	70.00	40.00	1.50					WITH "V"	0.441	219.47	80.33	
AN75253	75.00	25.00	3.00						0.789	200.00	80.00	
AN75503	75.00	50.00	3.00						0.991	248.97	90.00	
AN75555R	75.00	55.00	5.00	2.50			2.50	WITH "V"	1.680	258.09	95.00	
AN756010	75.00	60.00	10.00						3.387	268.97	96.00	
AN75753	75.00	75.00	3.00						1.195	300.00	106.00	
AN75758	75.00	75.00	8.00						3.079	300.00	106.00	
AN76384R	76.00	38.00	4.00	5.00			3.00		1.157	226.60	82.97	

## GEOMETRIC SHAPES

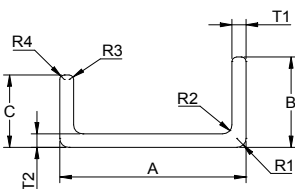
### ANGLE



PART #	A	B	T	R1	R2	R3	R4	DETAIL	MASS kg/m	ANOD PERIM	CCD	Stock
AN76555	76.00	55.00	5.00						1.707	262.00	93.81	
AN762508635R	76.20	50.80	6.35		7.37				2.107	249.98	91.30	Yes
AN7627623	76.20	76.20	3.00						1.215	304.80	107.76	Yes
AN762762318	76.20	76.20	3.18						1.286	304.80	107.76	
AN762762635R	76.20	76.20	6.35		7.62				2.547	301.53	107.76	
AN762762953R	76.20	76.20	9.53		7.62				3.724	301.53	107.76	
AN80203	80.00	20.00	3.00						0.789	200.00	82.46	Yes
AN80252	80.00	25.00	2.00						0.558	208.97	83.70	
AN80406	80.00	40.00	6.00						1.854	240.00	89.44	
AN805025	80.00	50.00	2.50						0.863	260.00	94.00	
AN80506R	80.00	50.00	6.00	0.50	4.00				2.025	258.07	94.34	
AN80806R	80.00	80.00	6.00		4.00				2.513	318.28	113.14	
AN80806	80.00	80.00	6.00						2.504	320.00	113.14	Yes
AN808010R	80.00	80.00	10.00		6.00				4.086	317.42	113.40	
AN904016	90.00	40.00	1.60						0.560	260.00	98.70	Yes
AN90706	90.00	70.00	6.00						2.504	320.00	114.02	
AN100253	100.00	25.00	3.00						0.991	249.14	103.00	
AN100503	100.00	50.00	3.00						1.195	300.00	111.80	Yes
AN100506R	100.00	50.00	6.00		4.00				2.351	298.28	111.80	
AN100506	100.00	50.00	6.00						2.341	300.00	111.80	Yes
AN1008010R	100.00	80.00	10.00	9.00					4.654	356.14	128.06	
AN1008010	100.00	80.00	10.00						4.607	360.00	128.06	
AN1001003	100.00	100.00	3.00						1.601	398.97	142.00	
AN1001006R	100.00	100.00	6.00		0.40				3.154	400.00	141.42	
AN1001008	100.00	100.00	8.00						4.162	398.97	141.20	
AN1016508635R	101.60	50.80	6.35		9.53				2.566	300.71	113.59	Yes
AN10161016635R	101.60	101.60	6.35		9.53				3.440	401.45	143.00	
AN10161016953R	101.60	101.60	9.53		9.14				5.050	401.62	143.00	
AN110381236R	110.00	38.10	2.36	0.25	0.40	0.40	2.36		0.925	294.13	116.00	
AN125503	125.00	50.00	3.00						1.398	350.00	134.63	Yes
AN125808R	125.00	80.00	8.00		6.00				4.292	407.21	148.41	
AN150305R	150.00	30.00	5.00		5.00				2.385	357.00	152.90	
AN150506	150.00	50.00	6.00						3.154	400.00	158.20	
AN150756	150.00	75.00	6.00						3.561	448.97	168.00	
AN1508010	150.00	80.00	10.00						5.962	460.00	170.00	
AN1501506	150.00	150.00	6.00						4.780	599.00	212.00	
AN2001006	200.00	100.00	6.00						4.780	600.00	224.00	
AN2001008R	200.00	100.00	8.00		9.50				6.380	593.78	223.00	

## GEOMETRIC SHAPES

### CHANNEL

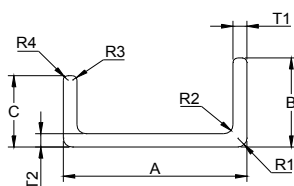


PART #	A	B	C	T1	T2	R1	R2	R3	R4	MASS kg/m	ANOD PERIM	CCD	Stock
CH101016	10.00	10.00		1.60						0.120	100.00	14.24	Yes
CH121016	12.00	10.00		1.60						0.124	100.00	16.00	
CH121216	12.00	12.00		1.60						0.140	100.00	17.18	Yes
CH122025	12.00	20.00		2.50						0.318	100.00	23.32	Yes
CH161616	16.00	16.00		1.60						0.197	100.00	22.62	Yes
CH16163	16.00	16.00		3.00						0.341	100.00	22.62	Yes
CH188163R	18.80	16.00		3.00		1.00		F	F	0.358	100.00	23.80	Yes
CH201616	20.00	16.00		1.60						0.212	100.08	25.16	
CH202016	20.00	20.00		1.60						0.246	116.80	28.28	Yes
CH202016R	20.00	20.00		1.60				0.80	0.80	0.245	115.43	27.95	
CH202025	20.00	20.00		2.50						0.373	115.00	28.30	
CH20203	20.00	20.00		3.00						0.439	114.00	28.30	Yes
CH20253	20.00	25.00		3.00						0.520	134.00	32.00	
CH2222016	22.20	20.00		1.60						0.255	119.83	27.80	
CH2262013	22.60	20.00		1.30						0.211	121.23	30.00	
CH25123	25.00	12.00		3.00						0.350	100.00	27.30	Yes
CH25152	25.00	15.00		2.00						0.276	104.97	29.00	
CH252016R	25.00	20.00		1.60						0.268	126.80	32.02	
CH252025	25.00	20.00		2.50						0.407	125.00	32.02	Yes
CH252516	25.00	25.00		1.60						0.311	146.80	35.36	Yes
CH25253	25.00	25.00		3.00						0.561	144.00	35.36	Yes
CH25403R	25.00	40.00		3.00						0.805	204.00	47.17	Yes
CH292016R	29.00	20.00		1.60		0.50		F	F	0.284	132.65	35.00	
CH2929192R	29.00	29.00	19.00	2.00		1.00		F	F	0.392	147.42	40.20	
CH29816212	29.80	16.20		1.20						0.194	120.63	33.81	
CH30152	30.00	15.00		2.00						0.303	114.97	33.50	
CH30303	30.00	30.00		3.00						0.683	172.63	43.00	
CH32253R	32.00	25.00		3.00						0.618	158.00	40.61	Yes
CH32283R	32.00	28.00		3.00						0.666	168.30	42.20	
CH32283	32.00	28.00		3.00						0.666	168.63	42.20	
CH32816212R	32.80	16.20		1.20		1.00				0.203	126.28	36.02	
CH3824016	38.20	40.00		1.60						0.498	231.83	55.00	
CH401214	40.00	12.00		1.40						0.232	125.20	41.76	
CH40202	40.00	20.00		2.00						0.412	156.00	44.72	Yes
CH40203R	40.00	20.00		3.00						0.602	154.00	44.72	Yes
CH40253	40.00	25.00		3.00						0.683	174.00	47.17	Yes
CH40253R	40.00	25.00		3.00		3.00				0.672	170.39	46.00	
CH40403	40.00	40.00		3.00						0.927	234.00	56.57	Yes
CH40506	40.00	50.00		6.00						2.081	266.97	64.00	
CH40553	40.00	55.00		3.00						1.171	294.00	68.01	
CH4152253R	41.50	22.50		3.00		3.00	3.00			0.654	161.85	46.16	
CH4445254318	44.45	25.40		3.18						0.766	184.14	51.20	
CH485403	48.50	40.00		3.00						0.996	249.63	63.00	
CH50253R	50.00	25.00		3.00						0.764	194.00	55.90	Yes
CH50503	50.00	50.00		3.00						1.171	294.00	70.71	Yes



## GEOMETRIC SHAPES

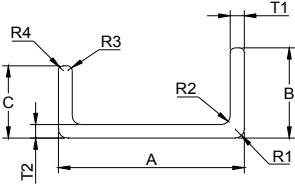
### CHANNEL



PART #	A	B	C	T1	T2	R1	R2	R3	R4	MASS kg/m	ANOD PERIM	CCD	Stock
CH532515	53.00	25.00		1.50						0.407	203.00	58.60	
CH5322512	53.20	25.00		1.20				F	F	0.326	202.00	58.80	
CH542016R	54.00	20.00		1.60						0.394	184.80	57.58	
CH555502	55.50	50.00		2.00						0.821	305.63	74.50	
CH5563016R	55.60	30.00		1.60				F	F	0.524	226.58	62.63	
CH5583015R	55.80	30.00		1.50				F	F	0.506	226.00	63.30	
CH56553025R	56.00	55.00	30.00	2.50		2.00	0.50			0.714	279.34	78.90	
CH56531845R	56.50	31.80		4.50			6.00			1.397	226.05	64.83	
CH57303R	57.00	30.00		3.00					2.00	0.898	225.25	63.58	
CH57503R	57.00	50.00		3.00					2.00	1.223	305.25	75.00	
CH60103	60.00	10.00		3.00						0.601	152.97	61.00	
CH60323R	60.00	32.00		3.00						0.959	242.00	68.00	Yes
CH63531754R	63.50	31.75		4.00		9.00				2.070	230.70	70.80	
CH6353175475R	63.50	31.75		4.75		3.65				1.426	240.70	70.80	
CH703025	70.00	30.00		2.50						0.847	253.11	76.00	
CH753815	75.00	38.00		1.50					1.00	0.611	303.77	86.29	
CH751205R	75.00	120.00		5.00		6.00	1.00			4.092	613.30	140.00	
CH7623815R	76.20	38.10		5.00	6.00	5.00	3.00			2.090	285.25	83.40	
CH762381792R	76.20	38.10		7.92	6.35		7.62			2.742	285.56	85.19	Yes
CH7682513R	76.80	25.00		1.30					1.30	0.445	255.08	82.92	
CH802516R	80.00	25.00		1.60						0.686	252.05	82.87	
CH80253R	80.00	25.00		3.00						1.008	254.00	83.82	
CH80403R	80.00	40.00		3.00						1.252	314.00	89.44	Yes
CH80404	80.00	40.00		4.00						1.648	312.00	89.44	Yes
CH80406R	80.00	40.00		6.00			4.00			2.425	304.57	89.44	
CH80408R	80.00	40.00		8.00	6.00		6.00			2.817	302.85	89.44	
CH80454R	80.00	45.00		4.00			3.00			1.766	328.39	91.50	
CH813615R	81.00	36.00		1.50		0.60	1.25	F	F	0.667	297.00	88.10	
CH813815R	81.00	38.00		1.50				F	F	0.671	311.37	88.90	
CH853615	85.00	36.00		1.50						0.662	309.52	92.00	
CH85505	85.00	50.00		5.00						2.389	355.54	98.50	
CH881306R	88.00	130.00		6.00		6	3			5.432	675.59	155.00	
CH881806R	88.00	180.00		6.00		9.5	3.5			6.998	872.15	197.20	
CH889381318R	88.90	38.10		3.18			3.00			1.378	320.23	96.50	
CH9182515R	91.80	25.00		1.50	2.50	0.60	1.25	F	F	0.806	274.00	94.90	
CH92125415R	92.10	25.40		1.50	3.20	0.60	1.25	F	F	0.979	277.36	95.28	
CH100253	100.00	25.00		3.00						1.171	294.00	103.08	Yes
CH100403R	100.00	40.00		3.00						1.415	354.00	107.70	Yes
CH1004549R	100.00	45.00		4.90			5.00			2.421	364.80	109.50	
CH100503	100.00	50.00		3.00						1.577	394.00	111.80	Yes
CH100504	100.00	50.00		4.00						2.081	390.63	111.80	
CH100505R	100.00	50.00		5.00			5.00			2.604	385.71	111.80	
CH1005075R	100.00	50.00		7.50	6.00	6.00	2.00			3.377	380.27	110.00	
CH100509R	100.00	50.00		9.00	6.00		6.00			3.814	382.85	111.80	
CH100529R	100.00	52.00		9.00	6.00		6.00			3.912	390.85	113.00	
CH100753	100.00	75.00		3.00						1.984	494.00	125.00	

## GEOMETRIC SHAPES

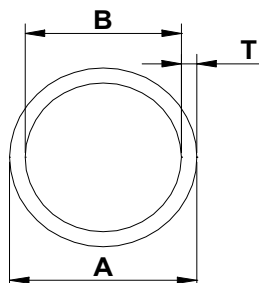
### CHANNEL



PART #	A	B	C	T1	T2	R1	R2	R3	R4	MASS kg/m	ANOD PERIM	CCD	Stock
CH1016508792R	101.60	50.80		7.92	6.35		9.14			3.754	385.85	114.00	Yes
CH10323816R	103.20	38.00		1.60					1.50	0.760	354.35	92.23	
CH10563616R	105.60	36.00		1.60		0.60	1.25	F	F	0.778	346.00	111.20	
CH1063615R	106.00	36.00		1.50				F	F	0.757	353.37	111.48	
CH1172515R	117.00	25.00		1.50	3.00					1.130	328.00	119.50	
CH117625415R	117.60	25.40		1.50	3.20			F	F	1.200	328.36	120.10	
CH125606R	125.00	60.00		6.00		12.50	6.50			3.656	461.18	135.00	
CH125706R	125.00	70.00		6.00		10.00	4.50			3.762	505.60	139.21	
CH125100706R	125.00	100.00	70.00	6.00		10.00	4.00	1.50	1.50	4.499	563.41	156.00	
CH125756R	125.00	75.00		6.00	5.00	12.00	6.00	1.00	1.00	3.760	523.97	141.05	
CH125100706R	125.00	100.00	70.00	6.00	6.00	10.00	4.00	1.50	1.50	4.355	565.74	155.46	
CH1275084R	127.00	50.80		4.00			6.00			2.433	443.02	136.60	
CH127635953R	127.00	63.50		9.53	6.35		10.67			5.269	485.16	142.00	Yes
CH128638R	128.00	63.00		8.00	6.00	8.00	5.00			4.507	484.15	140.00	
CH14658055R	146.50	80.00		5.50	5.5/4.2	Bull Bar channel				4.058	585.25	163.00	
CH14658055	146.50	80.00		5.50		Bull Bar channel				4.284	584.40	163.00	
CH150362	150.00	36.00		2.00						1.181	438.97	154.50	
CH150606R	150.00	60.00		6.00		12.5	6.5			4.062	511.80	158.00	
CH150754R	150.00	75.00		4.00			1			3.166	590.11	168.00	
CH1524635792R	152.40	63.50		7.92	6.35		10.67			5.208	536.94	165.10	Yes
CH1551516R	155.00	15.00		1.60	1.60		1.00			0.789	365.94	155.72	
CH160609R	160.00	60.00		9.00			6.00			5.278	541.82	170.65	
CH1682515R	168.00	25.00		1.50	2.50	0.60	1.25	F	F	1.321	428.12	169.70	
CH168325415R	168.30	25.40		1.50	3.20	0.40	1.25	F	F	1.639	429.76	170.05	
CH1778762111R	177.80	76.20		11.10	6.35		12.20			7.435	637.23	193.44	Yes
CH180806R	180.00	80.00		6.00	6.00	12.00				5.205	650.83	193.00	
CH1808011R	180.00	80.00		11.00			6.00			7.380	661.82	196.72	
CH180956R	180.00	95.00		6.00		6.00	12.00			5.693	710.83	199.00	
CH2009010R12.5	200.00	90.00		10.00	8.00	12.50	4.50			8.622	728.89	215.50	
CH2009010R	200.00	90.00		10.00	8.00	10.00	4.00	1.00		8.680	730.27	215.85	
CH25011012R	250.00	110.00		12.00	12.00		7.00			14.135	890.93	266.83	
CH254115125R	254.00	115.00		12.50		18.50	6.00	2.00	2.00	15.183	918.54	273.00	
CH3009010R	300.00	90.00		10.00	8.00	15.00	12.00	1.00	1.00	10.852	919.11	309.00	

## GEOMETRIC SHAPES

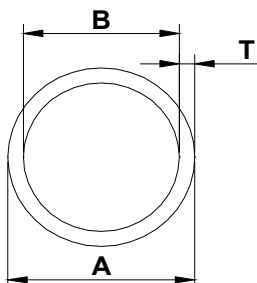
### ROUND TUBE



PART #	A	B	T	DETAILS	MASS kg/m	ANOD PERIM	CCD	Stock
RT1012	10.00		1.20		0.090	100.00	10.00	Yes
RT1212	12.00		1.20		0.110	100.00	12.00	
RT1216	12.00		1.60		0.142	100.00	12.00	Yes
RT129185	12.90		1.85		0.174	100.00	12.90	
RT1588122	15.88		1.22		0.152	100.00	15.88	Yes
RT1588142	15.88		1.42		0.175	100.00	15.88	
RT158816	15.88		1.60		0.195	100.00	16.00	
RT1612	16.00		1.20		0.151	100.00	16.00	
RT16122	16.00		1.22		0.154	100.00	16.00	
RT1616	16.00		1.60		0.196	100.00	16.00	Yes
RT19122	19.00		1.22		0.185	100.00	19.00	
RT1915	19.00		1.50		0.223	100.00	19.00	
RT19255	19.00		2.55		0.357	100.00	19.00	
RT1932	19.00		3.20		0.430	100.00	19.00	
RT1905508	19.05		5.08		0.604	100.00	19.05	
RT2012	20.00		1.20		0.192	100.00	20.00	Yes
RT2016	20.00		1.60		0.251	100.00	20.00	Yes
RT202	20.00		2.00		0.307	100.00	20.00	Yes
RT20225	20.00		2.25		0.340	100.00	20.00	
RT203	20.00		3.00		0.434	100.00	20.00	Yes
RT2212	22.00		1.20		0.212	100.00	22.00	
RT2215	22.00		1.50		0.262	100.00	22.00	
RT22295	22.00		2.95		0.478	100.00	22.00	
RT2445	24.00		4.50		0.594	100.00	20.00	
RT2512	25.00		1.20		0.243	100.00	25.00	
RT2516	25.00		1.60		0.319	100.00	25.00	Yes
RT252	25.00		2.00		0.392	100.00	25.00	
RT253	25.00		3.00		0.562	100.00	25.00	Yes
RT25325	25.00		3.25		0.602	100.00	25.00	
RT254122	25.40		1.22		0.251	100.00	25.40	
RT2542	25.40		2.00		0.398	100.00	25.40	
RT25432	25.40		3.20		0.605	100.00	25.40	

## GEOMETRIC SHAPES

### ROUND TUBE

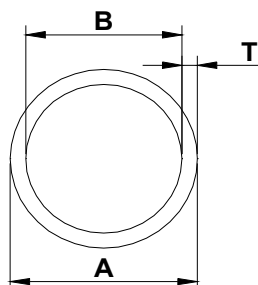


PART #	A	B	T	DETAILS	MASS kg/m	ANOD PERIM	CCD	Stock
RT2816	28.00		1.60		0.360	100.00	28.00	
RT302	30.00		2.00		0.477	100.00	30.00	
RT3175122	31.75		1.22		0.317	100.00	31.75	
RT3216	32.00		1.60		0.414	100.53	32.00	Yes
RT322	32.00		2.00		0.511	100.53	32.00	
RT323	32.00		3.00		0.741	100.53	32.00	Yes
RT3845	38.00		4.50		1.283	119.38	38.00	
RT3812	38.10		2.00		0.615	119.69	38.10	
RT381325	38.10		3.25		0.964	119.69	38.10	Yes
RT4016	40.00		1.60		0.523	125.66	40.00	Yes
RT403	40.00		3.00		0.945	125.56	40.00	Yes
RT405	40.00		5.00		1.490	125.66	40.00	
RT406	40.00		6.00		1.737	125.66	40.00	
RT41637	41.60		3.70		1.194	130.69	41.60	
RT4352	43.50		2.00		0.707	136.66	43.50	
RT4353	43.50		3.00		1.034	136.66	43.50	
RT44532	44.50		3.20		1.125	139.80	44.50	
RT445325	44.50		3.25		1.141	139.80	44.50	
RT4635	46.00		3.50		1.266	144.51	46.00	
RT483	48.00		3.00		1.149	150.80	48.00	
RT4824447	48.24		4.47		1.666	151.55	48.24	
RT48426	48.40		2.60		1.014	152.05	48.40	
RT4844	48.40		4.00		1.512	151.98	48.40	
RT484447	48.40		4.47		1.672	152.05	48.40	
RT48447	48.40		4.70		1.749	152.05	48.40	
RT4841325	48.41		3.25		1.250	152.08	48.41	
RT502612	50.00	26.00	12.00	Tail Gate	3.882	157.08	50.00	
RT5016	50.00		1.60		0.659	157.08	50.00	Yes
RT502	50.00		2.00		0.817	157.08	50.00	Yes
RT503	50.00		3.00		1.200	157.08	50.00	Yes
RT504	50.00		4.00		1.566	131.95	50.00	Yes
RT505	50.00		5.00		1.916	157.08	50.00	Yes
RT506	50.00		6.00		2.248	157.08	50.00	Yes



## GEOMETRIC SHAPES

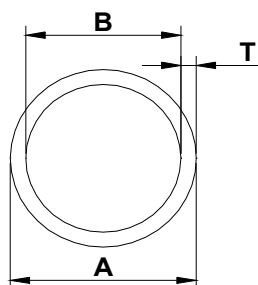
### ROUND TUBE



PART #	A	B	T	DETAILS	MASS kg/m	ANOD PERIM	CCD	Stock
RT5010	50.00		10.00		3.405	157.08	50.00	
RT5012	50.00		12.00		3.882	157.08	50.00	
RT5063	50.60		3.00		1.216	158.96	50.60	
RT50816	50.80		1.60		0.670	159.59	50.80	
RT50818	50.80		1.80		0.751	159.59	50.80	
RT50826	50.80		2.60		1.067	159.56	50.80	
RT508325	50.80		3.25		1.316	159.59	50.80	
RT572	57.00		2.00		0.937	179.07	57.00	
RT5715165	57.15		1.65		0.800	179.54	57.15	
RT5715325	57.15		3.25		1.491	179.54	57.15	Yes
RT602	60.00		2.00		0.988	188.40	60.00	
RT603	60.00		3.00		1.456	188.50	60.00	Yes
RT604	60.00		4.00		1.907	188.50	60.00	
RT605	60.00		5.00		2.341	188.40	60.00	Yes
RT606	60.00		6.00		2.754	188.50	60.00	
RT635556	63.50	55.60	3.95		2.003	199.44	63.50	
RT6353	63.50		3.00		1.545	199.49	63.50	
RT63532	63.50		3.20		1.643	199.49	63.50	
RT635375	63.50		3.75		1.908	199.49	63.50	
RT63538	63.50		3.80		1.931	199.49	63.50	
RT6354	63.50		4.00		2.026	199.49	63.50	
RT635475	63.50		4.75		2.376	199.49	63.50	
RT635635	63.50		6.35		3.090	199.49	63.50	Yes
RT70265	70.00		2.65		1.519	219.91	70.00	
RT703	70.00		3.00		1.711	219.91	70.00	
RT7085025	70.80	50.25	10.28		5.295	222.42	70.80	
RT7303516	73.03		5.16		2.983	229.43	73.10	
RT753	75.00		3.00		1.839	235.62	75.00	
RT757	75.00		7.00		4.053	235.62	75.00	Yes
RT766	76.00		6.00		3.576	238.76	76.00	
RT76635	76.00		6.35		3.765	238.76	76.00	
RT7626176	76.20	61.00	7.60		4.439	239.39	76.20	
RT7627092	76.20	70.92	2.64		1.653	239.39	76.20	

## GEOMETRIC SHAPES

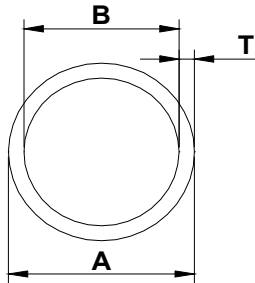
### ROUND TUBE



PART #	A	B	T	DETAILS	MASS kg/m	ANOD PERIM	CCD	Stock
RT76232	76.20		3.20		1.989	239.39	76.20	
RT76238	76.20		3.80		2.342	239.39	76.20	
RT76247	76.20		4.70		2.861	239.39	76.20	
RT762635	76.20		6.35		3.776	239.39	76.20	
RT77618	77.00	61.00	8.00		4.700	241.90	77.00	
RT8018	80.00		1.80		1.198	251.33	80.00	
RT802	80.00		2.00		1.328	251.33	80.00	Yes
RT803	80.00		3.00		1.967	251.33	80.00	Yes
RT80323	80.30		2.30		1.527	252.27	80.30	
RT833	83.00		3.00		2.043	260.75	83.00	
RT853	85.00		3.00		2.094	267.04	85.00	
RT889533	88.90		5.33		3.792	279.29	88.90	
RT889635	88.90		6.35		4.463	279.29	88.90	Yes
RT988305	98.80		3.05		2.482	310.39	99.00	
RT1002	100.00		2.00		1.669	314.16	100.00	Yes
RT1003	100.00		3.00		2.477	314.16	100.00	Yes
RT1006	100.00		6.00		4.802	314.16	100.00	
RT100423	100.40		2.30		1.921	315.42	100.40	
RT10116	101.00		1.60		1.354	317.3	101.00	
RT1014	101.00		4.00		3.303	317.3	101.00	
RT101625	101.00		6.25		5.042	317.3	101.00	
RT10165	101.00		6.50		5.230	317.3	101.00	
RT101632	101.60		3.20		2.681	319.19	101.60	
RT1016635	101.60		6.35		5.149	319.19	101.60	
RT110175	110.00		17.50		13.782	345.58	110.00	
RT1143635	114.30		6.35		5.836	359.08	114.30	Yes
RT1178	117.00		8.00		7.424	367.57	117.00	Yes
RT1253	125.00		3.00		3.116	392.7	125.00	
RT125635	125.00		6.35		6.414	392.7	125.00	Yes
RT1273	127.00		3.00		3.167	398.98	127.00	
RT12743	127.00		4.30		4.492	398.98	127.00	
RT152203	152.00		2.03		2.592	477.52	152.00	

## GEOMETRIC SHAPES

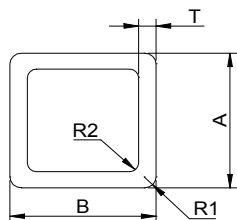
### ROUND TUBE



PART #	A	B	T	DETAILS	MASS kg/m	ANOD PERIM	CCD	Stock
RT1524325	152.40		3.25		4.127	478.78	152.40	
RT152447	152.40		4.70		5.910	478.78	152.40	
RT15245	152.40		5.00		6.275	478.78	152.40	
RT16014	160.00		14.00		17.402	502.65	160.00	
RT1684	168.00		4.00		5.585	527.79	168.00	
RT20324	203.20		4.00		6.784	638.37	203.20	

## GEOMETRIC SHAPES

### SQUARE BOX

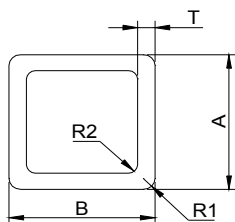


PART #	A	B	T	R1	R2	MASS kg/m	ANOD PERIM	CCD	Stock
SB127127155	12.70	12.70	1.55			0.187	100.00	17.96	
SB12712716	12.70	12.70	1.60			0.193	100.00	17.96	
SB151516R	15.00	15.00	1.60	1.60		0.226	100.00	20.00	
SB161612	16.00	16.00	1.20			0.193	100.00	22.63	
SB161612R	16.00	16.00	1.20	1.00		0.191	100.00	21.80	
SB161615	16.00	16.00	1.50			0.236	100.00	22.30	Yes
SB1616175R	16.00	16.00	1.75	1.60	0.40	0.265	100.00	21.30	
SB1919115	19.00	19.00	1.15			0.223	100.00	26.94	Yes
SB191912R	19.00	19.00	1.20	2.00	1.00	0.225	100.00	25.21	
SB191915R	19.00	19.00	1.50	1.50	0.40	0.280	100.00	25.63	
SB191916	19.00	19.00	1.60			0.302	100.00	53.74	
SB19051905157R	19.05	19.05	1.57	1.57	0.40	0.292	100.00	25.64	
SB1905190525R	19.05	19.05	2.50	1.60	0.40	0.443	100.00	25.62	
SB202012	20.00	20.00	1.20			0.245	100.00	28.30	
SB202013R	20.00	20.00	1.30	4.00		0.243	100.00	25.00	
SB202014R	20.00	20.00	1.40	3.00	1.60	0.267	100.00	25.80	
SB202016R	20.00	20.00	1.60	0.40	4.00	0.319	100.00	28.00	
SB202016	20.00	20.00	1.60			0.319	100.00	28.30	Yes
SB202025	20.00	20.00	2.50			0.474	100.00	28.28	Yes
SB202028R	20.00	20.00	2.80	2.50	0.40	0.508	100.00	26.21	
SB20203	20.00	20.00	3.00			0.553	100.00	28.30	Yes
SB20203R	20.00	20.00	3.00	3.00	3.00	0.532	100.00	25.80	
SB22223R	22.00	22.00	3.00	3.00	0.50	0.598	100.00	28.63	
SB252515R1.6	25.00	25.00	1.50	1.60	1.60	0.382	100.00	34.03	
SB252515R2.5	25.00	25.00	1.50	2.50	1.00	0.370	100.00	33.28	
SB252516	25.00	25.00	1.60			0.406	100.00	35.36	Yes
SB25252	25.00	25.00	2.00			0.499	100.00	35.36	Yes
SB25252R1.6	25.00	25.00	2.00	1.60	0.50	0.493	100.00	34.10	
SB25252R4	25.00	25.00	2.00	4.00	2.00	0.471	100.00	32.00	
SB252525R	25.00	25.00	2.50	2.00	0.40	0.601	100.00	33.70	
SB25253	25.00	25.00	3.00			0.715	100.00	35.40	Yes
SB25253R	25.00	25.00	3.00	3.00	3.00	0.715	100.00	32.87	Yes
SB25425412	25.40	25.40	1.20			0.315	101.60	35.92	
SB25425412R	25.40	25.40	1.20	3.00	1.80	0.301	100.00	33.85	
SB254254122R	25.40	25.40	1.22	0.80		0.319	100.23	35.26	Yes
SB254254325	25.40	25.40	3.25			0.780	101.60	36.00	
SB254254325R	25.40	25.40	3.25	3.18	3.18	0.780	100.00	33.29	



## GEOMETRIC SHAPES

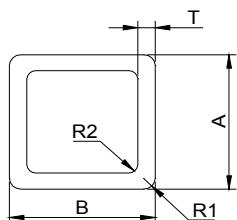
### SQUARE BOX



PART #	A	B	T	R1	R2	MASS kg/m	ANOD PERIM	CCD	Stock
SB303016R	30.00	30.00	1.60	3.00	2.00	0.481	114.85	40.00	
SB303018R	30.00	30.00	1.80	4.00	4.00	0.524	113.13	39.20	
SB317531756R	31.75	31.75	6.00	3.00		1.654	121.85	42.50	
SB323216R	32.00	32.00	1.60			0.527	128.00	45.25	
SB32322R	32.00	32.00	2.00			0.650	128.00	45.25	Yes
SB323225R	32.00	32.00	2.50	2.00	0.40	0.791	124.57	43.60	
SB32323	32.00	32.00	3.00			0.943	128.00	45.25	Yes
SB32323R	32.00	32.00	3.00	3.00	2.00	0.931	122.85	42.80	
SB323245R	32.00	32.00	4.50	3.00	0.30	1.321	122.85	43.00	
SB3735373525R	37.35	37.35	2.50	3.00		0.923	144.25	50.34	
SB38383R	38.00	38.00	3.00			1.138	152.00	53.74	
SB381381155R	38.10	38.10	1.55			0.614	152.40	53.88	
SB404016R	40.00	40.00	1.60	3.50	1.90	0.646	153.99	54.00	
SB404016	40.00	40.00	1.60			0.667	160.00	56.57	Yes
SB404016R1.6	40.00	40.00	1.60	1.60	0.50	0.661	157.25	55.24	
SB404016R3	40.00	40.00	1.60	3.00	1.40	0.650	154.85	54.08	
SB40402	40.00	40.00	2.00			0.824	160.00	56.57	
SB40402R	40.00	40.00	2.00	3.00	1.00	0.805	154.85	54.08	Yes
SB404025	40.00	40.00	2.50			1.016	160.00	56.57	Yes
SB404025R35	40.00	40.00	2.50	3.00	5.00	0.996	154.85	55.00	
SB404025R	40.00	40.00	2.50	3.00		0.996	154.85	54.08	
SB40403	40.00	40.00	3.00			1.203	160.00	57.00	Yes
SB40403R4	40.00	40.00	3.00	4.00	1.00	1.168	153.13	53.50	
SB40403R3	40.00	40.00	3.00	3.00	0.50	1.183	154.85	54.08	Yes
SB4040R315	40.00	40.00	4.00	3.00	1.50	1.545	154.85	54.08	
SB4040R35	40.00	40.00	4.00	3.00	5.00	1.541	154.85	55.00	
SB40406	40.00	40.00	6.00			2.211	160.00	56.57	
SB42426R	42.00	42.00	6.00	4.00	1.50	2.309	161.13	56.50	
SB43432R	43.00	43.00	2.00	0.80	0.40	0.888	170.63	60.00	
SB4454453R	44.50	44.50	3.00			1.138	178.00	62.93	
SB45453R	45.00	45.00	3.00			1.366	179.31	64.00	
SB49494R	49.00	49.00	4.00	6.00		1.868	349.01	64.50	
SB505016	50.00	50.00	1.60			0.839	200.00	70.71	Yes
SB505016R	50.00	50.00	1.60	6.00	4.40	0.801	189.70	65.74	
SB505018R	50.00	50.00	1.80	6.00	4.20	0.898	189.70	66.00	
SB50502R	50.00	50.00	2.00	6.00	4.00	0.994	189.70	65.70	Yes
SB505025R	50.00	50.00	2.50			1.287	200.00	70.71	Yes

## GEOMETRIC SHAPES

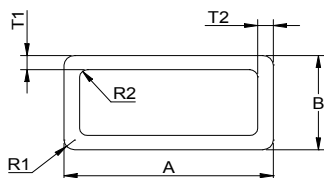
### SQUARE BOX



PART #	A	B	T	R1	R2	MASS kg/m	ANOD PERIM	CCD	Stock
SB50503	50.00	50.00	3.00			1.528	200.00	70.71	Yes
SB50503R6	50.00	50.00	3.00	6.00	3.00	1.466	189.70	66.00	
SB50504R	50.00	50.00	4.00	6.00	2.00	1.920	189.70	66.00	
SB50505R	50.00	50.00	5.00	6.00	1.00	2.358	189.70	66.00	
SB50850818R	50.80	50.80	1.80	3.00		0.939	198.05	70.00	Yes
SB508508185R	50.80	50.80	1.85	6.30	4.45	0.935	192.38	66.62	
SB5085082	50.80	50.80	2.00			1.058	203.20	72.00	
SB5085082R	50.80	50.80	2.00	6.00	4.00	1.011	192.90	66.87	
SB50850822R	50.80	50.80	2.20	6.30		1.106	192.38	66.87	
SB50850832R	50.80	50.80	3.20	4.75	1.55	1.604	195.05	67.91	
SB55552R	55.00	55.00	2.00	3.50	6.50	1.219	213.99	74.90	
SB60602R	60.00	60.00	2.00	6.00	4.00	1.211	229.70	80.00	
SB62625R	62.00	62.00	5.00	6.00	2.00	3.008	237.70	83.00	
SB63563545R	63.50	63.50	4.50	3.00	7.50	2.768	241.12	83.60	
SB656525	65.00	65.00	2.50			1.694	259.31	91.60	Yes
SB65653R	65.00	65.00	3.00	5.00	5.00	2.016	251.42	91.92	
SB707016	70.00	70.00	1.60			1.186	279.31	99.00	
SB757516	75.00	75.00	1.60			1.273	299.31	105.73	
SB757522R	75.00	75.00	2.20	4.00	1.80	1.706	293.13	102.80	
SB75753	75.00	75.00	3.00			2.341	299.31	105.80	Yes
SB75754R	75.00	75.00	4.00	6.00		3.004	289.70	101.10	
SB7575635R	75.00	75.00	6.35	6.00	5.00	4.642	289.70	101.10	
SB767662R	76.00	76.00	6.20	16.00	9.80	4.319	276.53	94.00	
SB7627622R	76.20	76.20	2.00	0.40	0.40	1.609	304.10	92.23	
SB76276225	76.20	76.20	2.50			1.997	304.11	107.50	
SB7627623R	76.20	76.20	3.00	6.25	3.25	2.314	294.07	102.59	
SB762762635R	76.20	76.20	6.35	15.90	9.55	4.432	277.50	94.59	Yes
SB808025R	80.00	80.00	2.50	1.00	0.50	2.099	318.28	112.31	
SB909022R	90.00	90.00	2.20	5.00	2.80	2.054	351.42	123.20	
SB1001003	100.00	100.00	3.00			3.154	400.00	141.00	Yes
SB10010032R2	100.00	100.00	3.20	2.00	2.00	3.358	396.57	139.00	
SB10010032R635	100.00	100.00	3.20	6.35	6.35	3.287	389.10	136.16	
SB1001006R64	100.00	100.00	6.00	6.40	0.50	6.019	389.01	136.12	
SB1001006R12	100.00	100.00	6.00	12.00	6.00	5.863	379.40	131.00	Yes
SB10161016635R	101.60	101.60	6.35	12.70	6.35	6.275	384.60	133.20	Yes
SB1501503R	150.00	150.00	3.00	3.00	1.60	4.765	594.85	210.00	

## GEOMETRIC SHAPES

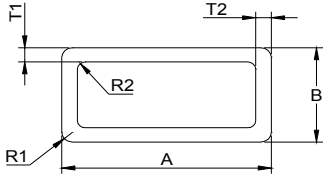
### RECTANGULAR HOLLOW SECTIONS



PART #	A	B	T1	T2	R1	R2	DETAIL	MASS kg/m	ANOD PERIM	CCD	Stock
RH2510152R	25.00	10.00	1.50	2.00	1.50	0.50		0.274	100.00	26.00	
RH301515R	30.00	15.00	1.50		1.50	0.40		0.337	100.00	32.55	
RH30202	30.00	20.00	2.00					0.499	100.00	36.00	
RH351013R	35.00	10.00	1.30		1.50			0.294	100.00	35.80	
RH381612R	38.00	16.00	1.20		3.00	1.80		0.322	102.85	40.00	
RH381616	38.00	16.00	1.60					0.441	107.31	41.00	
RH382515R	38.00	25.00	1.50		3.00	1.50		0.472	120.85	43.22	
RH38252R	38.00	25.00	2.00		3.00	1.50		0.624	120.85	43.22	
RH382525R	38.00	25.00	2.50		3.00	1.50		0.770	120.85	43.22	
RH3811745318	38.10	17.45	3.18					0.848	111.10	42.00	Yes
RH38125416R	38.10	25.40	1.60		1.50			0.518	124.42	45.00	
RH3812542R	38.10	25.40	2.00		1.50			0.640	124.42	44.64	
RH381254255R	38.10	25.40	2.55			1.60		0.813	127.00	46.00	
RH401016	40.00	10.00	1.60					0.406	100.00	41.07	
RH401514	40.00	15.00	1.40					0.396	109.31	42.50	
RH401525R	40.00	15.00	2.50			3.00		0.625	193.99	42.00	
RH4017345R	40.00	17.00	3.45		1.00	0.40		0.935	112.28	43.00	
RH40193R	40.00	19.00	3.00		3.00	0.50		0.841	112.85	113.00	
RH40202R	40.00	20.00	2.00		2.00			0.598	116.57	43.40	
RH402518	40.00	25.00	1.80					0.599	129.31	47.00	
RH40252	40.00	25.00	2.00					0.661	130.00	45.21	
RH402525	40.00	25.00	2.50					0.813	130.00	41.17	Yes
RH402525R	40.00	25.00	2.50		3.00			0.792	124.85	45.00	
RH452016R	45.00	20.00	1.60		1.00			0.534	197.04	48.70	
RH501016	50.00	10.00	1.60					0.493	119.31	51.00	
RH50102	50.00	10.00	2.00					0.607	224.00	50.99	
RH502016	50.00	20.00	1.60					0.579	140.00	54.00	
RH502516R	50.00	25.00	1.60		3.00			0.606	144.85	54.00	
RH502516	50.00	25.00	1.60					0.623	150.00	55.90	Yes
RH50252R	50.00	25.00	2.00		3.00	1.00		0.751	144.85	55.63	
RH502525	50.00	25.00	2.50					0.949	150.00	56.00	Yes
RH50253	50.00	25.00	3.00					1.122	150.00	55.90	Yes
RH50253R	50.00	25.00	3.00		3.00	0.40		1.101	144.85	54.00	
RH50254	50.00	25.00	4.00					1.453	149.31	55.63	
RH502555R	50.00	25.00	5.50		3.00			1.814	144.85	53.93	
RH503218R	50.00	32.00	1.80		3.00			0.747	158.85	57.20	
RH504018	50.00	40.00	1.80					0.843	179.31	64.00	
RH50403	50.00	40.00	3.00					1.366	180.00	64.03	
RH50403R	50.00	40.00	3.00		3.00	4.00		1.345	174.85	61.60	
RH50405	50.00	40.00	5.00					2.168	180.00	65.00	
RH50405R	50.00	40.00	5.00		5.00	5.00		2.168	171.42	60.00	
RH5082542R	50.80	25.40	2.00		3.00	1.00		0.764	147.25	54.82	
RH508254235	50.80	25.40	2.35					0.911	152.40	57.00	

## GEOMETRIC SHAPES

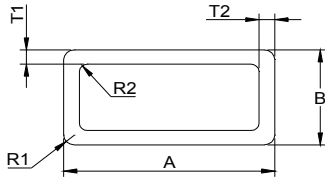
### RECTANGULAR HOLLOW SECTIONS



PART #	A	B	T1	T2	R1	R2	DETAIL	MASS kg/m	ANOD PERIM	CCD	Stock
RH50825425R	50.80	25.40	2.50		1.40			0.960	150.00	55.80	
RH60302R	60.00	30.00	2.00		2.00	2.00		0.932	176.57	65.80	
RH604021R	60.00	40.00	2.10		3.00	0.90		1.071	194.85	70.00	
RH60403	60.00	40.00	3.00					1.528	200.00	72.11	Yes
RH60404R	60.00	40.00	4.00		2.00	2.00		1.995	196.57	70.50	
RH60503	60.00	50.00	3.00					1.691	220.00	78.10	
RH635508318	63.50	50.80	3.18					1.860	228.60	81.32	
RH651614R	65.00	16.00	1.40		3.00	1.60		0.578	156.85	66.00	Yes
RH67473R	67.00	47.00	3.00		6.50	3.50		1.686	216.84	77.00	
RH70302R	70.00	30.00	2.00		3.00	1.00		1.022	194.85	74.40	
RH70303R	70.00	30.00	3.00		1.40	0.40		1.524	197.60	75.30	
RH704035R	70.00	40.00	3.50		4.00			1.917	213.13	77.80	
RH70504R	70.00	50.00	4.00		2.00	2.00		2.428	236.57	84.50	
RH752516	75.00	25.00	1.60					0.839	200.00	77.70	
RH755016	75.00	50.00	1.60					1.056	249.31	90.00	
RH75502	75.00	50.00	2.00					1.312	250.00	90.14	
RH75503R	75.00	50.00	3.00		6.00			1.872	239.70	85.30	
RH75503	75.00	50.00	3.00					1.935	250.00	90.14	
RH75504	75.00	50.00	4.00					2.537	250.00	91.00	
RH75504R	75.00	50.00	4.00		5.00	1.00		2.481	241.42	86.32	
RH75506R	75.00	50.00	6.00		6.00			3.591	239.7	78.00	
RH76225416	76.20	25.40	1.60					0.853	203.2	64.50	
RH762254236	76.20	25.40	2.36					1.239	203.20	80.32	
RH7622544	76.20	25.40	4.00					2.029	203.20	80.32	
RH762381318R	76.20	38.10	3.18		9.53	6.35		1.743	212.24	79.29	
RH762508318	76.20	50.80	3.18					2.079	254.00	92.00	
RH762508318R	76.20	50.80	3.18		6.35	3.18		2.009	243.10	86.75	
RH802518R	80.00	25.00	1.80		3.00	1.20		0.972	204.85	83.00	
RH80253R	80.00	25.00	3.00		3.00			1.589	204.85	82.40	
RH80403	80.00	40.00	3.00					1.854	240.00	54.25	Yes
RH80403R	80.00	40.00	3.00		3.00	0.50		1.833	234.85	87.50	
RH80503	80.00	50.00	3.00					2.016	236.00	95.00	Yes
RH80503R	80.00	50.00	3.00		6.00	3.00		1.953	480.55	89.90	
RH822823	82.00	28.00	2.30					1.314	219.31	87.00	
RH90553	90.00	55.00	3.00					2.260	290.00	105.48	
RH1001614R	100.00	16.00	1.40		3.00	1.60		0.894	226.86	100.60	
RH1002516	100.00	25.00	1.60					1.081	250.00	103.08	
RH1002525	100.00	25.00	2.50					1.626	250.00	103.08	Yes
RH100253R	100.00	25.00	3.00		6.00	3.00		1.872	239.70	101.00	Yes
RH1005016	100.00	50.00	1.60					1.273	300.00	111.80	Yes
RH1005018R	100.00	50.00	1.80		8.00	6.20		1.369	286.27	106.70	

## GEOMETRIC SHAPES

### RECTANGULAR HOLLOW SECTIONS

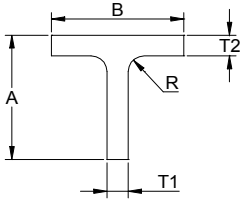


PART #	A	B	T1	T2	R1	R2	DETAIL	MASS kg/m	ANOD PERIM	CCD	Stock
RH100502	100.00	50.00	2.00					1.583	300.00	111.50	
RH1005025R	100.00	50.00	2.50		2.50			1.948	296.54	110.20	
RH100503	100.00	50.00	3.00					2.341	300.00	111.80	Yes
RH100503R	100.00	50.00	3.00		6.00	3.00		2.279	289.70	39.25	
RH100506R	100.00	50.00	6.00		8.00	2.00		4.348	286.27	106.62	
RH100604R	100.00	60.00	4.00		4.00	4.00		3.295	313.13	113.50	
RH100752R	100.00	75.00	2.00		4.00	6.00		1.807	339.70	120.50	
RH101676223R	101.60	76.20	2.30		5.48	3.18		2.113	346.19	122.64	
RH120753R	120.00	75.00	3.00		6.00	3.00		3.010	379.70	137.20	
RH125253	125.00	25.00	3.00					2.341	300.00	127.50	
RH1254434	125.00	44.00	3.00	4.00				2.771	324.85	127.20	
RH1255016	125.00	50.00	1.60					1.490	350.00	134.63	
RH125503	125.00	50.00	3.00					2.748	350.00	134.63	
RH125503R	125.00	50.00	3.00		6.00	3.00		2.685	339.70	132.00	
RH129523R	129.00	52.00	3.00		7.00	4.00		2.845	360.80	138.70	
RH150502	150.00	50.00	2.00					2.125	400.00	158.11	
RH1505025R	150.00	50.00	2.50		2.50			2.626	396.54	156.90	
RH150503	150.00	50.00	3.00					3.154	400.00	158.11	Yes
RH150503R	150.00	50.00	3.00		6.00	3.00		3.092	315.94	154.00	
RH150504	150.00	50.00	4.00					4.163	400.00	158.00	
RH150505	150.00	50.00	5.00					5.149	399.31	157.90	
RH1501006R	150.00	100.00	6.00		6.00	6.00		7.740	489.70	175.67	
RH152766R	152.00	76.00	6.00		6.00	2.00		6.950	445.70	166.00	
RH1524381318	152.40	38.10	3.18			3.00		3.174	381.00	157.09	
RH1601066R	160.00	106.00	6.00		6.35	0.50		8.167	521.10	187.00	
RH170906R	170.00	90.00	6.00		12.00			7.814	499.40	183.70	
RH200503	200.00	50.00	3.00					3.967	500.00	206.16	
RH200503R	200.00	50.00	3.00		6.00	3.00		3.905	489.70	204.00	Yes
RH200756	200.00	75.00	6.00					8.553	549.15	213.50	
RH200756R	200.00	75.00	6.00		5.00	0.50		8.495	541.42	211.00	
RH250503	250.00	50.00	3.00					4.780	593.31	255.00	
RH300504R	300.00	50.00	4.00		3.00			7.394	694.85	304.00	
RH300504	300.00	50.00	4.00					7.415	699.31	305	



## GEOMETRIC SHAPES

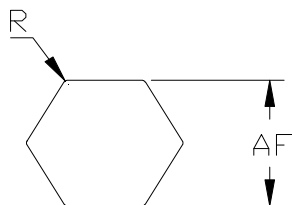
### TEE SECTIONS



PART #	A	B	T1	T2	R	MASS kg/m	ANOD PERIM	CCD	Stock
T20201616	20.00	20.00	1.60	1.60		0.167	100.00	25.02	Yes
T202033	20.00	20.00	3.00	3.00		0.301	100.00	25.02	Yes
T20401515	20.00	40.00	1.50	1.50		0.238	120.00	40.00	
T2424125125	24.00	24.00	1.25	1.25	0.4	0.158	100.00	30.00	
T25251616	25.00	25.00	1.60	1.60		0.200	100.00	31.27	Yes
T252533	25.00	25.00	3.00	3.00		0.382	100.00	31.27	Yes
T25501616	25.00	50.00	1.60	1.60		0.318	150.00	50.03	
T255033	25.00	50.00	3.00	3.00		0.585	150.00	50.09	
T2543811616	25.40	38.10	1.60	1.60		0.268	127.00	39.50	
T381254158158	38.10	25.40	1.58	1.58		0.263	127.00	42.35	
T40201616	40.00	20.00	1.60	1.60		0.240	100.00	44.73	Yes
T40401616	40.00	40.00	1.60	1.60		0.340	160.00	50.01	Yes
T404033	40.00	40.00	3.00	3.00		0.626	160.00	50.01	Yes
T40404R	40.00	40.00	4.00		3.00	0.834	156.39	50.10	
T408016	40.00	80.00	1.60			0.513	238.63	80.00	
T4735055R	47.30	50.00	5.00	5.00	3.00	1.246	187.39	59.40	
T505044	50.00	50.00	4.00	4.00		1.041	200.00	62.55	
T505066	50.00	50.00	6.00	6.00		1.528	200.00	63.00	
T50655	50.00	65.00	5.00			1.486	222.79	70.00	
T508508635635	50.80	50.80	6.35	6.35	6.10	1.682	197.96	63.62	
T808010	80.00	80.00	10.00			4.065	318.63	100.00	
T100508635R	100.00	50.80	6.35		6.10	2.528	295.33	106.40	
T1001006R	100.00	100.00	6.00		5.00	3.183	394.68	125.00	

**GEOMETRIC SHAPES**

**HEXAGONAL BAR**



PART #	AF	R	MASS kg/m	DETAIL	ANOD PERIM	CCD	Stock
HB2510R	25.10	0.40	1.478		100.00	30.00	
HB36R	36.00	0.40	3.041		124.45	41.45	



## **SPECIALISED PRODUCTS**

### **SECTIONS INDEX**

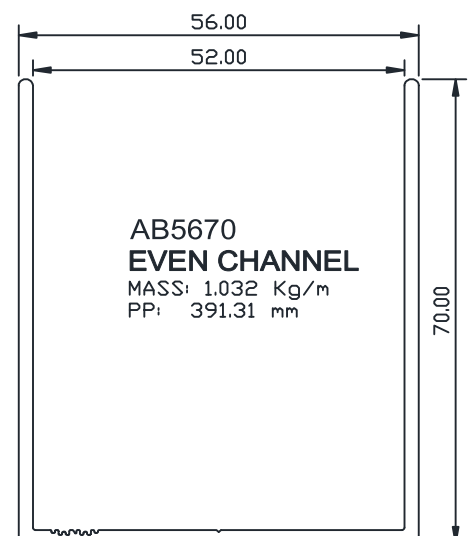
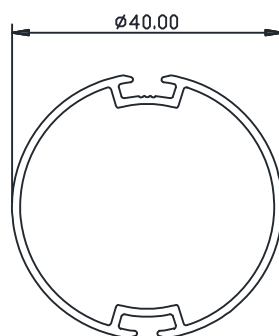
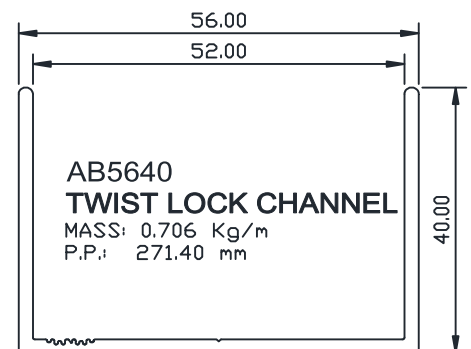
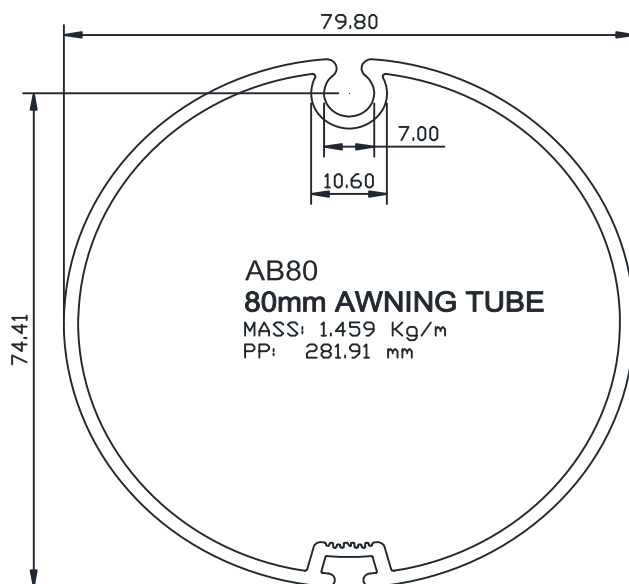
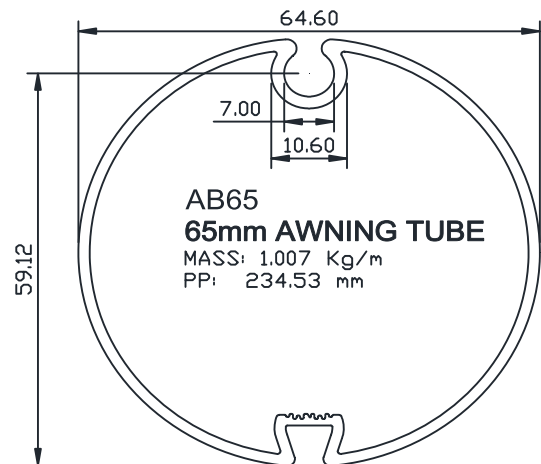
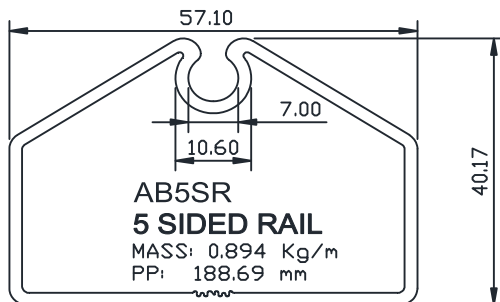
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AWNING	L1
BALUSTRADING	L2 To L12
SCREENING, FENCING & GATE	L13 To L15
VERTICAL BLIND	L16
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HOME ACCESSORIES	L22 To L23
SIGN	L24 To L30
MARINE	L31 To L40
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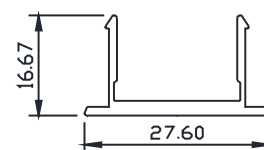
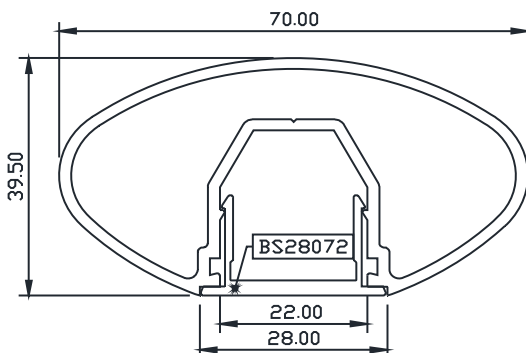
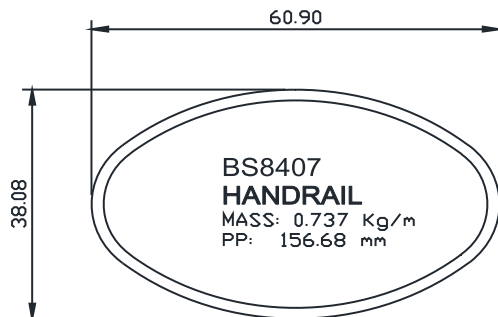
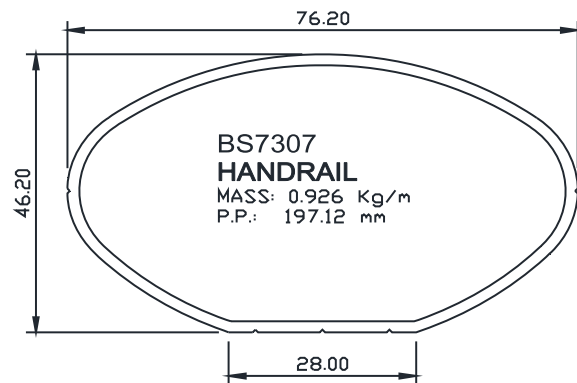
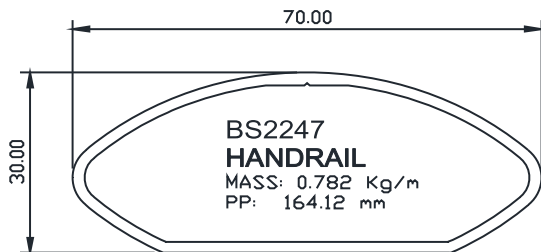
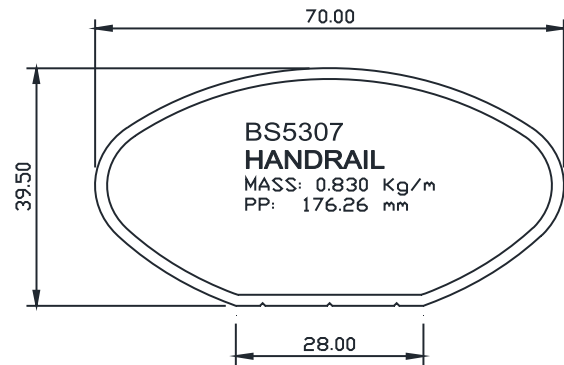
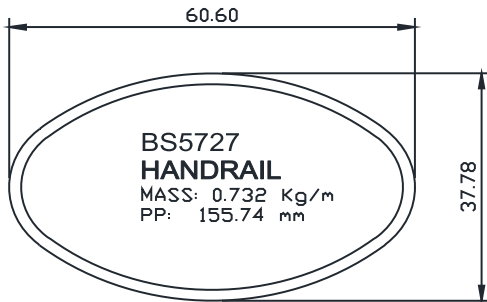
## SPECIALISED PRODUCTS

### Awning



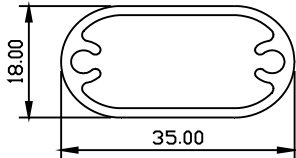
## SPECIALISED PRODUCTS

### Balustrading

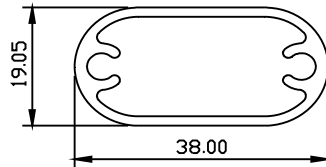


## SPECIALISED PRODUCTS

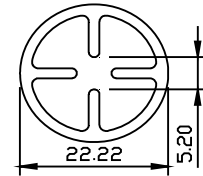
### Balustrading



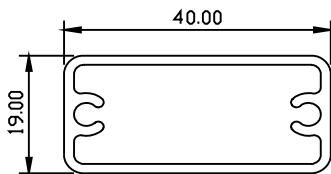
**BS1206**  
**35mm OVAL BALUSTER**  
MASS: 0.430 kg/m  
PP: 100.00 mm



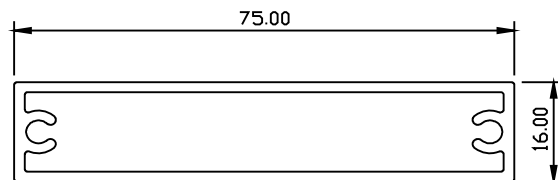
**BS0927**  
**38mm OVAL BALUSTER**  
MASS: 0.486 Kg/m  
P.P.: 100 mm



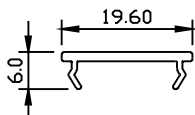
**BS1507**  
**ROUND BALUSTER**  
MASS: 0.404 Kg/m  
P.P.: 100.00 mm



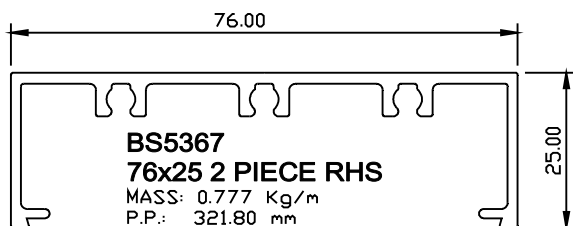
**BS8106**  
**40mm RHS BALUSTER**  
MASS: 0.526 kg/m  
AP/PP: 112.85 mm



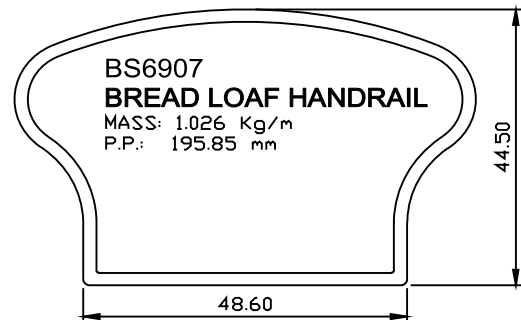
**BS3247**  
**75mm RHS BALUSTER**  
MASS: 0.851 kg/m  
AP/PP: 181.31 mm



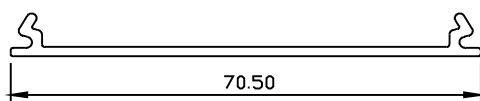
**BS7177**  
**INFILL**  
MASS: 0.100 Kg/m  
P.P.: 100 mm



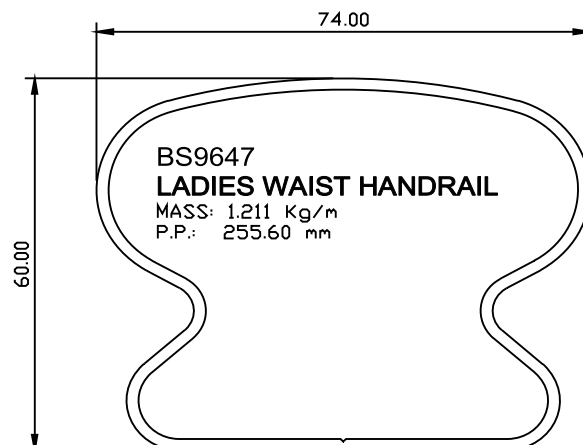
**BS5367**  
**76x25 2 PIECE RHS**  
MASS: 0.777 Kg/m  
P.P.: 321.80 mm



**BS6907**  
**BREAD LOAF HANDRAIL**  
MASS: 1.026 Kg/m  
P.P.: 195.85 mm



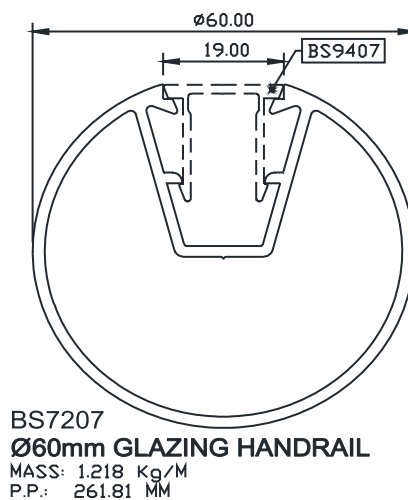
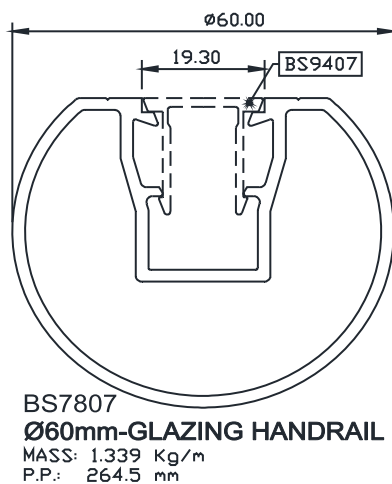
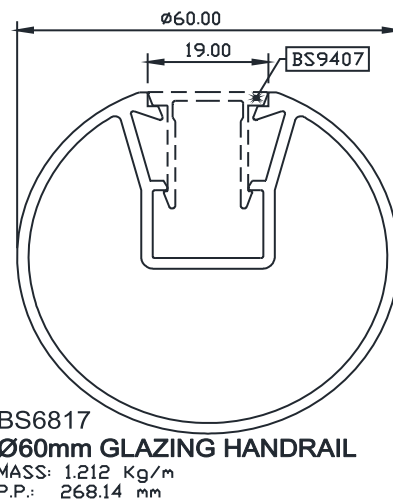
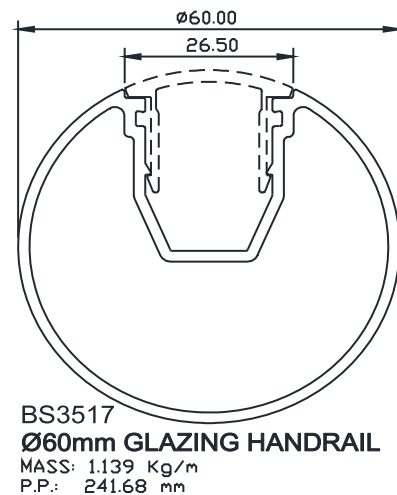
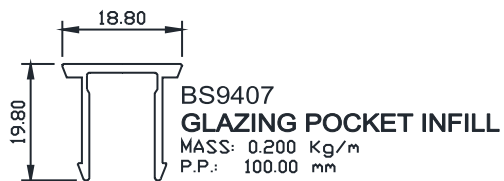
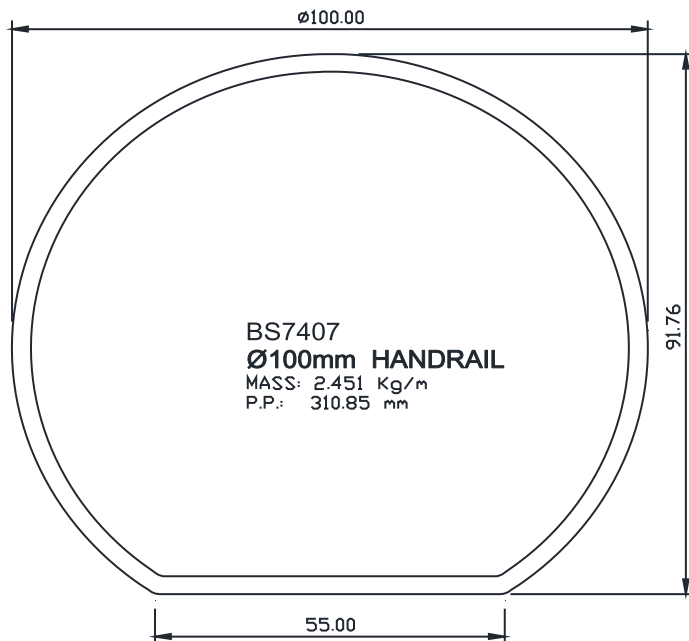
**BS4367**  
**CHANNEL INFIL TO SUIT BS7635**  
MASS: 0.342 Kg/m  
P.P.: 167.52 mm



**BS9647**  
**LADIES WAIST HANDRAIL**  
MASS: 1.211 Kg/m  
P.P.: 255.60 mm

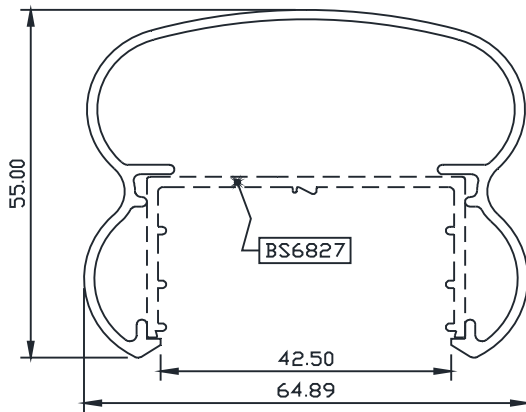
## SPECIALISED PRODUCTS

### Balustrading

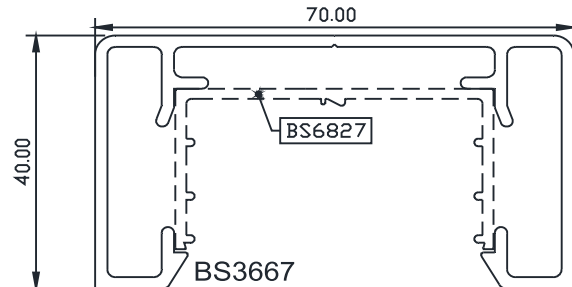


## SPECIALISED PRODUCTS

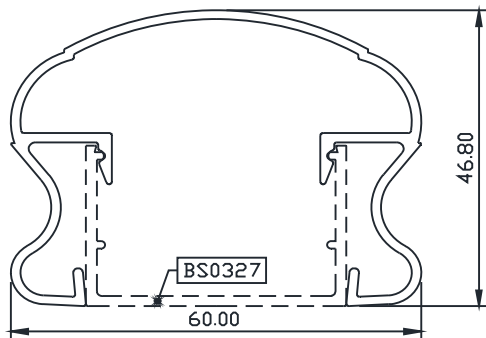
### Balustrading



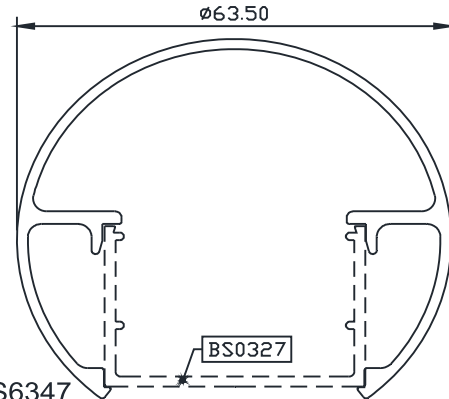
**BS6327  
LADIES WAIST HANDRAIL**  
MASS: 0.813 Kg/m  
P.P.: 386.84 mm



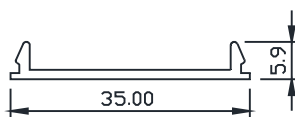
**BS3667  
70mm HANDRAIL CAP**  
MASS: 1.072 Kg/m  
P.P.: 181.73 mm



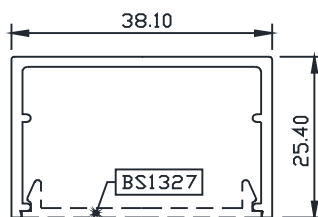
**BS4847  
LADIES WAIST HANDRAIL**  
MASS: 0.785 Kg/m  
P.P.: 403.31 mm



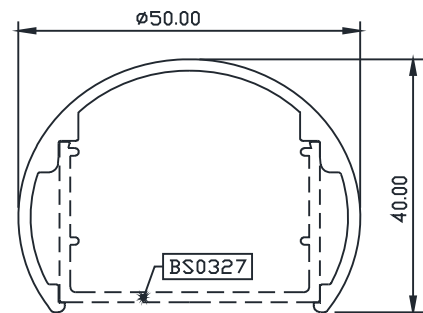
**BS6347  
Ø63.5mm HANDRAIL CAP**  
MASS: 0.898 Kg/m  
P.P.: 379.51 mm



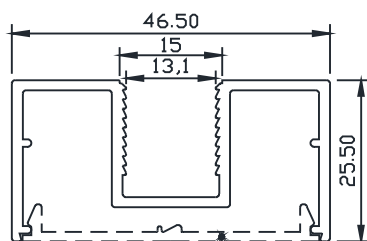
**BS1327  
HANDRAIL INFILL**  
MASS: 0.174 Kg/m  
P.P.: 100.0 mm



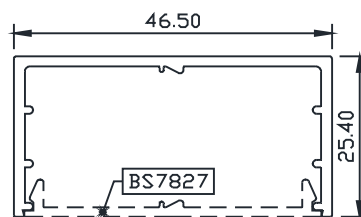
**BS0327  
HANDRAIL**  
MASS: 0.385 Kg/m  
P.P.: 181.58 mm



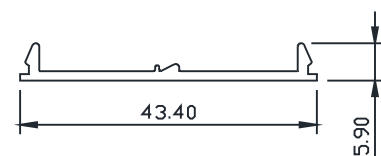
**BS0727  
Ø50mm HANDRAIL CAP**  
MASS: 0.635 Kg/m  
P.P.: 227.36 mm



**BS9627  
HANDRAIL POCKET CHANNEL**  
MASS: 0.603 Kg/m  
P.P.: 281.37 mm



**BS6827  
HANDRAIL CHANNEL**  
MASS: 0.435 Kg/m  
P.P.: 204.26 mm

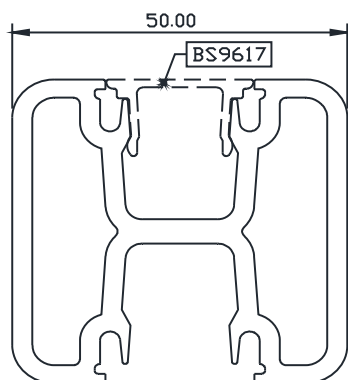


**BS7827  
HANDRAIL INFILL**  
MASS: 0.215 Kg/m  
P.P.: 108.87 mm

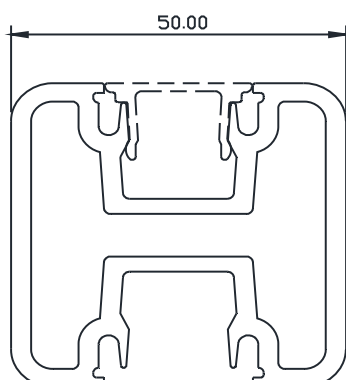


## SPECIALISED PRODUCTS

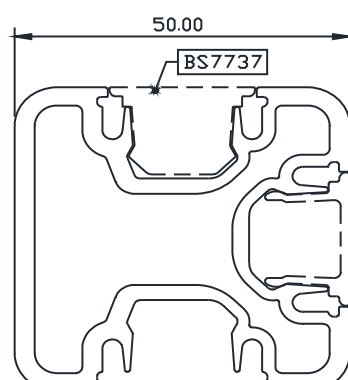
### Balustrading



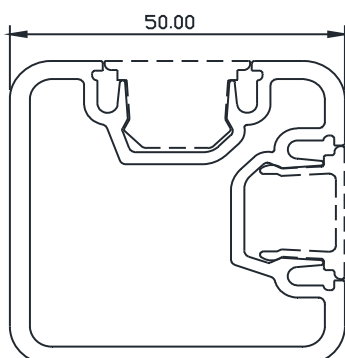
**BS4357**  
**50mm SQ. CNR RAD.**  
**2WAY/180° GLAZING POST**  
MASS: 2.120 Kg/m  
P.P.: 324.28 mm



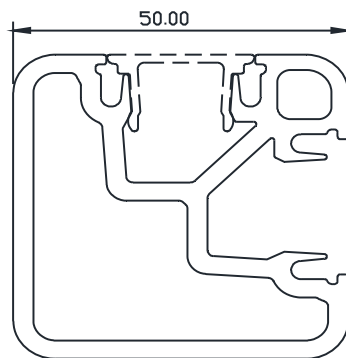
**BS4927**  
**50mm SQ. CNR RAD.**  
**2 WAY/180° GLAZING POST**  
MASS: 2.069 Kg/m  
P.P.: 250.35 mm



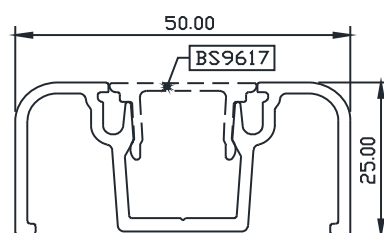
**BS5927**  
**50mm SQ. CNR RAD**  
**3 WAY GLAZING POST**  
MASS: 1.874 Kg/m  
P.P.: 340.0 mm



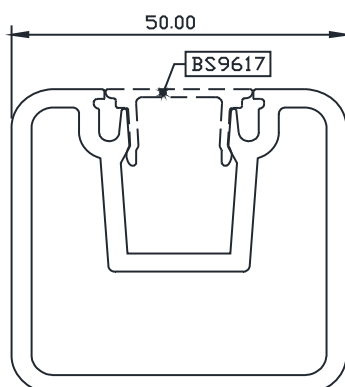
**BS7927**  
**50mm SQ. CNR RAD.**  
**2 WAY/90° GLAZING POST**  
MASS: 1.658 Kg/m  
P.P.: 290.2 mm



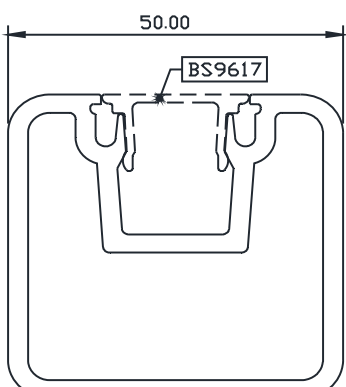
**BS6457**  
**50mm SQ. CNR RAD.**  
**2 WAY/90° GLAZING POST**  
MASS: 1.978 Kg/m  
P.P.: 319.47 mm



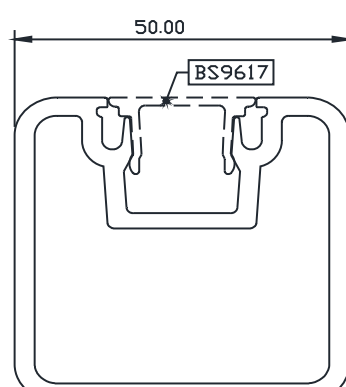
**BS8067**  
**50x25 HALF SQ.RAD CNR.**  
**GLAZING WALL STARTER**  
MASS: 0.742 Kg/m  
P.P.: 296.11 mm



**BS9077**  
**50mm SQ. CNR RAD.**  
**GLAZING POST**  
MASS: 1.916 Kg/m  
P.P.: 266.05 mm



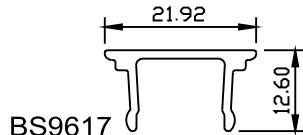
**BS5457**  
**50mm SQ. CNR RAD.**  
**GLAZING POST**  
MASS: 1.856 Kg/m  
P.P.: 257.83 mm



**BS3927**  
**50mm SQ. CNR RAD.**  
**GLAZING POST**  
MASS: 1.765 Kg/m  
P.P.: 250.35 mm

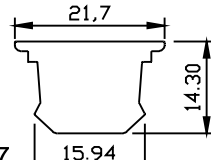
## SPECIALISED PRODUCTS

### Balustrading



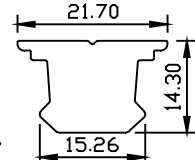
**BS9617  
GLAZING POCKET  
INFILL**

MASS: 0.173 Kg/m  
P.P.: 100mm



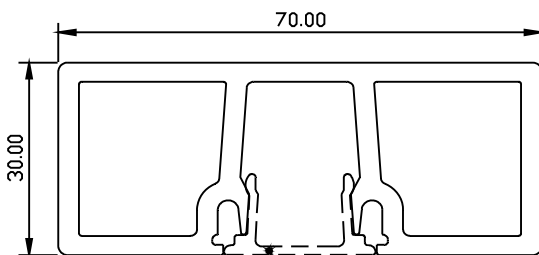
**BS7737  
GLAZING POCKET  
SOLD INFILL**

MASS: 0.600 Kg/m  
P.P.: 100mm



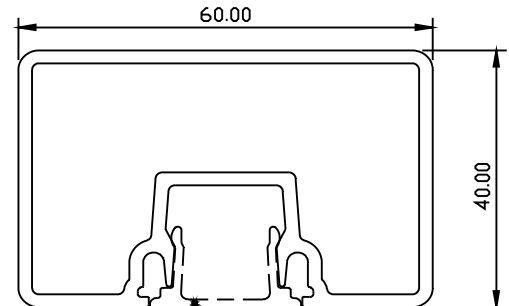
**BS3057  
GLAZING POCKET  
SOLID INFILL**

MASS: 0.557 Kg/m  
P.P.: 100mm



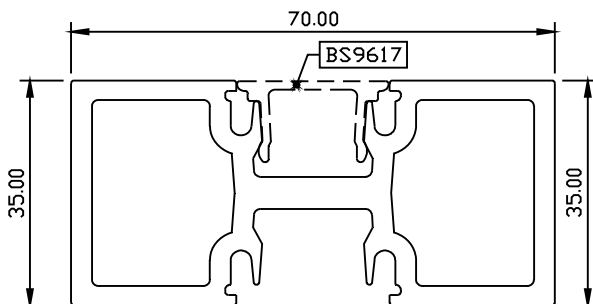
**BS4337  
70mm FLAT TOP GLAZING HANDRAIL**

MASS: 1.809 Kg/m  
P.P.: 273.72mm



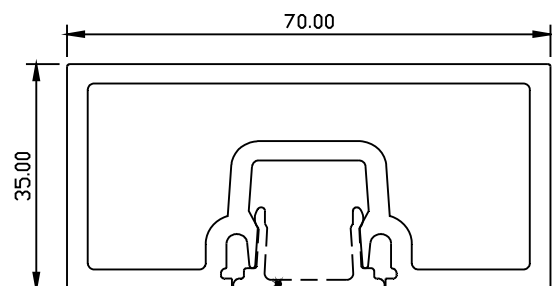
**BS1367  
60mm FLAT TOP GLAZING HANDRAIL**

MASS: 1.273 Kg/m  
P.P.: 256.02mm



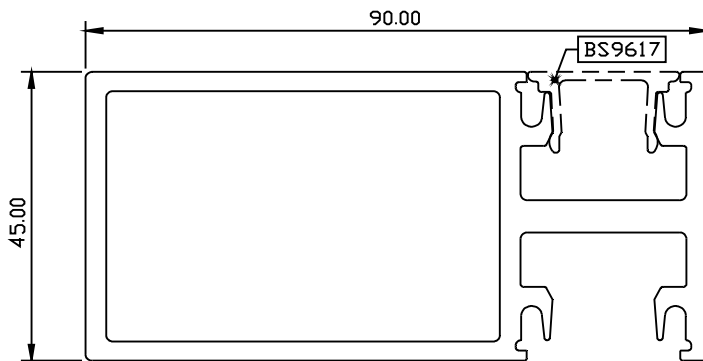
**BS7267  
70x30 2 WAY/180° GLAZING POST**

MASS: 2.098 Kg/m  
P.P.: 316.69 mm



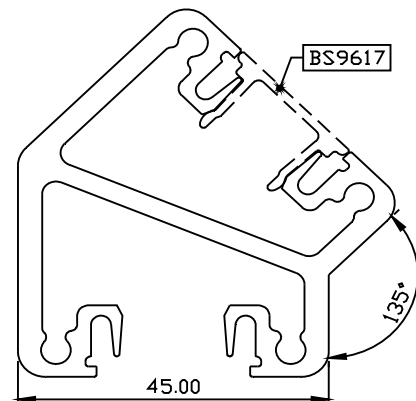
**BS6267  
70mm FLAT TOP GLAZING HANDRAIL**

MASS: 1.945 Kg/m  
P.P.: 272.35 mm



**BS3367  
90x45 2 WAY/180° FRONT GLAZING POST**

MASS: 2.578 Kg/m  
P.P.: 423.29 mm

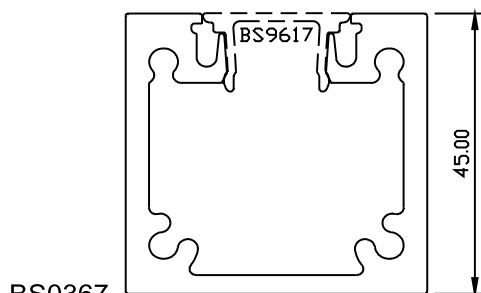


**BS7937  
45mm 2 WAY/135° GLAZING POST**

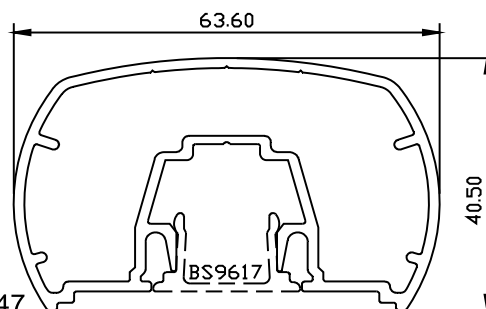
MASS: 1.872 Kg/m  
P.P.: 486.17 mm

## SPECIALISED PRODUCTS

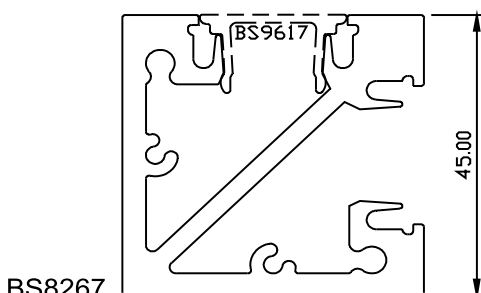
### Balustrading



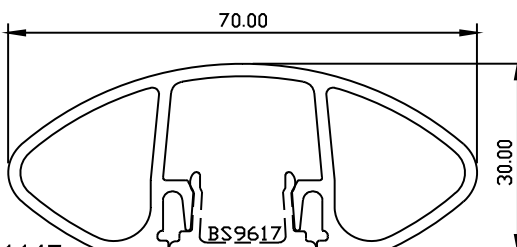
**BS0367**  
**45mm SQ. 1 WAY GLAZING POST**  
MASS: 1.782 Kg/m  
P.P.: 366.48 mm



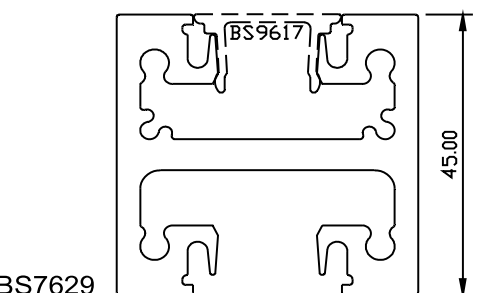
**BS2847**  
**GLAZING HANDRAIL**  
MASS: 1.088 Kg/m  
P.P.: 269.46 mm



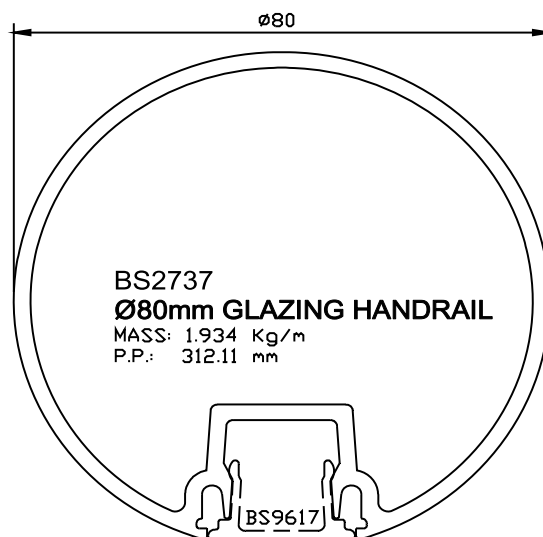
**BS8267**  
**45mm SQ. 2 WAY/90° GLAZING POST**  
MASS: 2.075 Kg/m  
P.P.: 435.87 mm



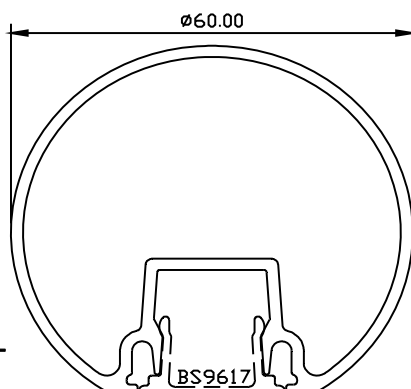
**BS1147**  
**70mm OVAL GLAZING HANDRAIL**  
MASS: 1.031 Kg/m  
P.P.: 256.24 mm



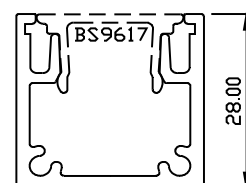
**BS7629**  
**45mm SQ. 2 WAY/180° GLAZING POST**  
MASS: 2.271 Kg/m  
P.P.: 439.16 mm



**BS2737**  
**Ø80mm GLAZING HANDRAIL**  
MASS: 1.934 Kg/m  
P.P.: 312.11 mm



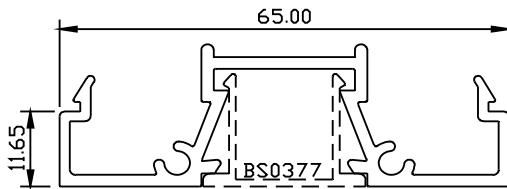
**BS0457**  
**Ø60mm**  
**GLAZING HANDRAIL**  
MASS: 1.134 Kg/m  
P.P.: 249.97 mm



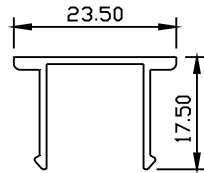
**BS1717**  
**28mm SQ. GLAZING CHANNEL**  
MASS: 0.569 Kg/m  
P.P.: 219.220 mm

## SPECIALISED PRODUCTS

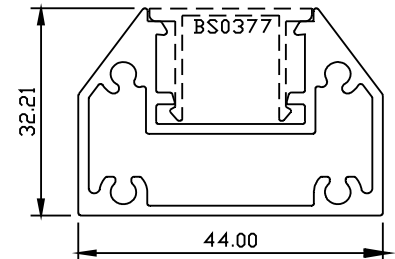
### Balustrading



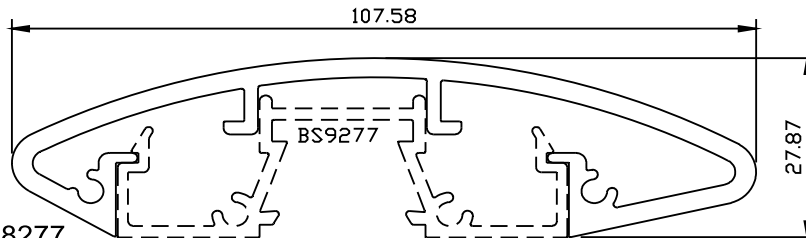
**BS9277  
TOP RAIL BASE**  
MASS: 0.745 Kg/m  
P.P.: 311.61 mm



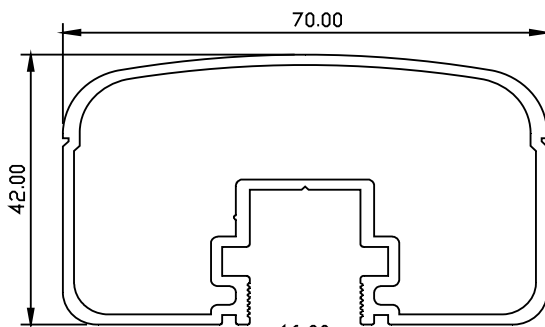
**BS0377  
POCKET INFILL**  
MASS: 0.179 Kg/m  
PP: 114.12 mm



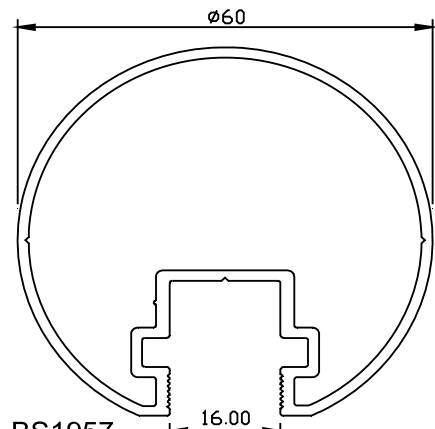
**BS4277  
44x32 GLAZING POST**  
MASS: 0.964 Kg/m  
P.P.: 188.5 mm



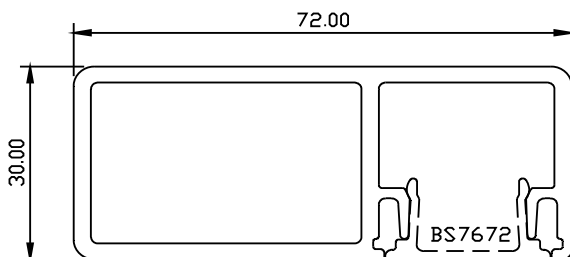
**BS8277  
ELLIPTICAL HANDRAIL**  
MASS: 1.578 Kg/m  
P.P.: 417.32 mm



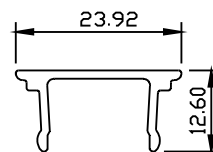
**BS5957  
70mm RADIUS TOP HANDRAIL**  
MASS: 1.214 Kg/m  
P.P.: 276.87 mm



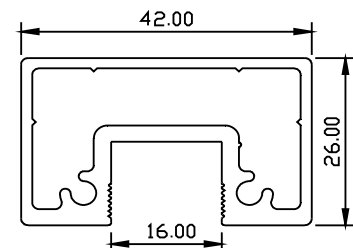
**BS1957  
Ø60mm HANDRAIL**  
MASS: 1.062 Kg/m  
P.P.: 249.10 mm



**BS4257  
72x30 FRONT GLAZED**  
MASS: 1.372 Kg/m  
P.P.: 295.20 mm



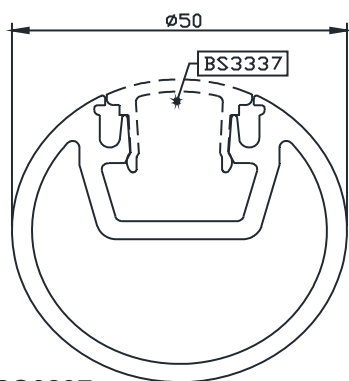
**BS2767  
INFILL  
TO SUIT BS7524**  
MASS: 0.180 Kg/m  
P.P.: 100 mm



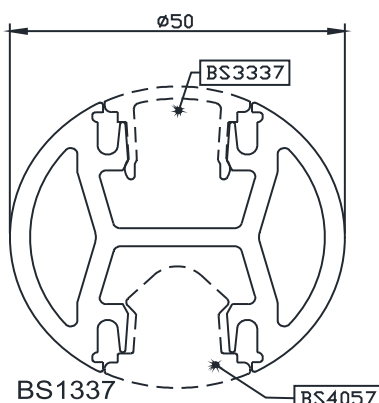
**BS3957  
42x26 FLAT TOP HANDRAIL**  
MASS: 0.885 Kg/m  
P.P.: 165.13 mm

## SPECIALISED PRODUCTS

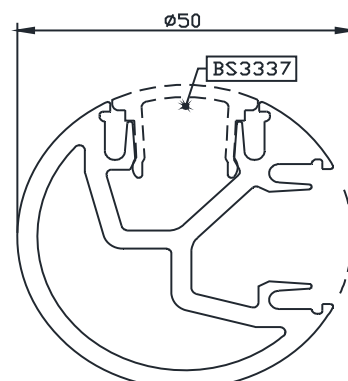
### Balustrading



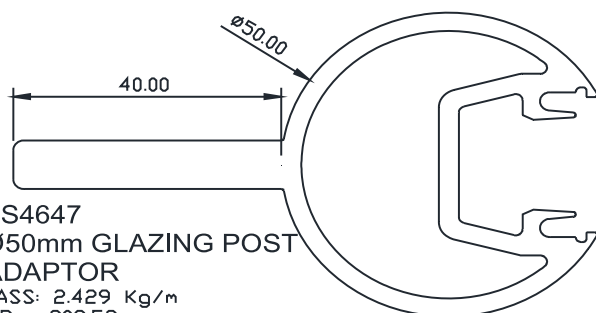
**BS6237**  
**Ø50mm 1 WAY**  
**GLAZING POST**  
MASS: 1.562 Kg/m  
P.P.: 229.51 mm



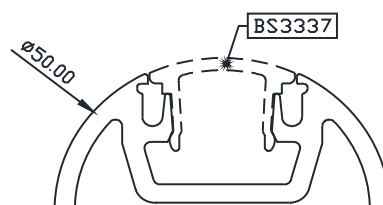
**BS1337**  
**Ø50mm 2 WAY/180°**  
**GLAZING POST**  
MASS: 1.743 Kg/m  
P.P.: 301.91 mm



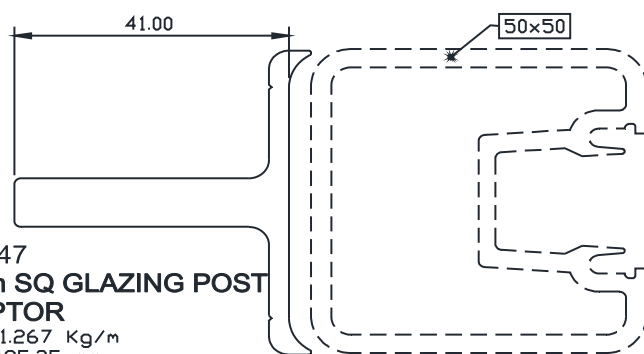
**BS2337**  
**Ø50mm 2 WAY/90°**  
**GLAZING POST**  
MASS: 1.600 Kg/m  
P.P.: 292.32 mm



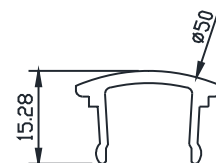
**BS4647**  
**Ø50mm GLAZING POST**  
**ADAPTOR**  
MASS: 2.429 Kg/m  
P.P.: 308.52 mm



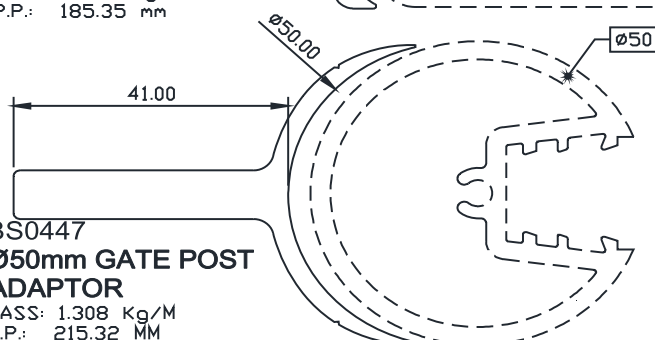
**BS8647**  
**Ø50mm GLAZING POST**  
**WALL STARTER**  
MASS: 0.930 Kg/m  
P.P.: 237.82 mm



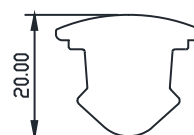
**BS9347**  
**50mm SQ GLAZING POST**  
**ADAPTOR**  
MASS: 1.267 Kg/m  
P.P.: 185.35 mm



**BS3337**  
**GLAZING POST INFILL**  
MASS: 0.219 Kg/m  
P.P.: 100 mm



**BS0447**  
**Ø50mm GATE POST**  
**ADAPTOR**  
MASS: 1.308 Kg/m  
P.P.: 215.32 mm

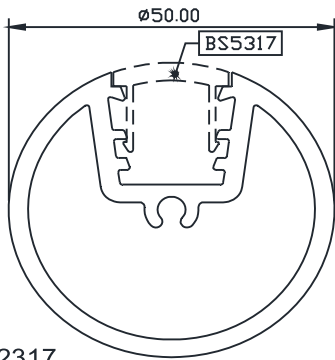


**BS4057**  
**GLAZING POST SOLID INFILL**  
MASS: 0.724 Kg/m  
P.P.: 100 mm

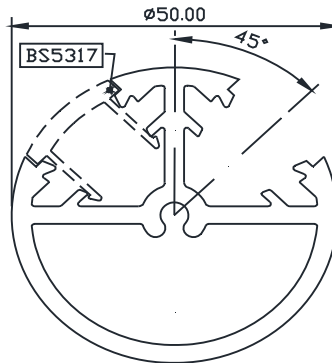


## SPECIALISED PRODUCTS

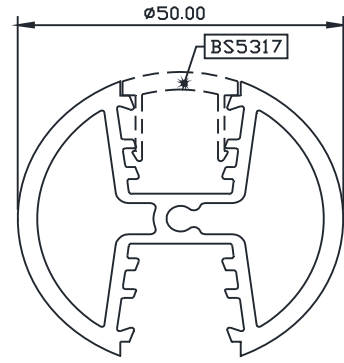
### Balustrading



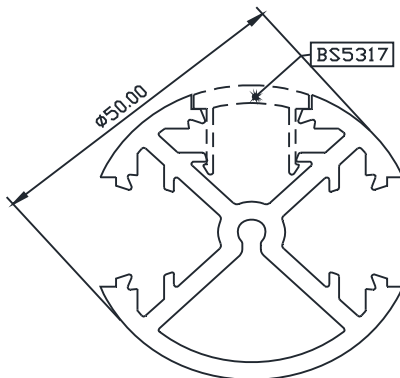
**BS2317**  
**Ø50mm 1 WAY**  
**GLAZING POST**  
MASS: 1.553 Kg/m  
P.P.: 213.48 mm



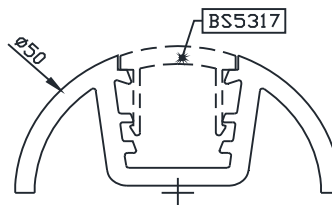
**BS8237**  
**Ø50mm 2 WAY/90°**  
**GLAZING POST**  
MASS: 1.608 Kg/m  
P.P.: 278.58 mm



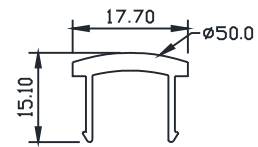
**BS3317**  
**Ø50mm 2 WAY/180°**  
**GLAZING POST**  
MASS: 1.552 Kg/m  
P.P.: 269.89 mm



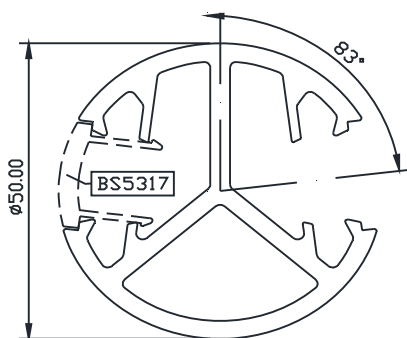
**BS4317**  
**Ø50mm 3 WAY/90°**  
**GLAZING POST**  
MASS: 1.675 Kg/m  
P.P.: 339.33 mm



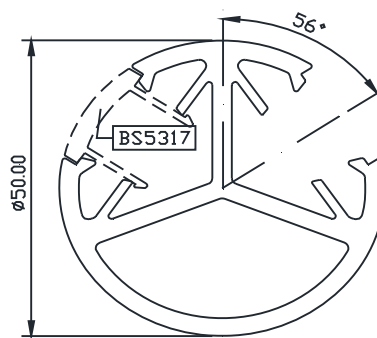
**BS1317**  
**Ø50mm 1 WAY**  
**GLAZING POST STARTER**  
MASS: 0.912 Kg/m  
P.P.: 234.89 mm



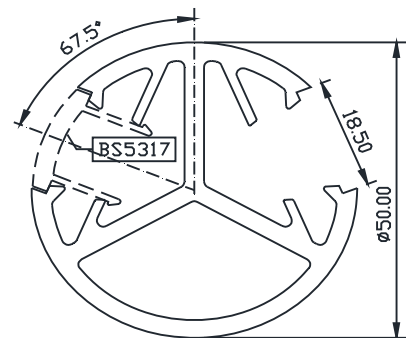
**BS5317**  
**GLAZING POST**  
**INFILL**  
MASS: 0.204 Kg/m  
P.P.: 100.00 mm



**BS2927**  
**Ø50mm 2 WAY/166°**  
**GLAZING POST**  
MASS: 1.636 Kg/m  
P.P.: 335.58 mm



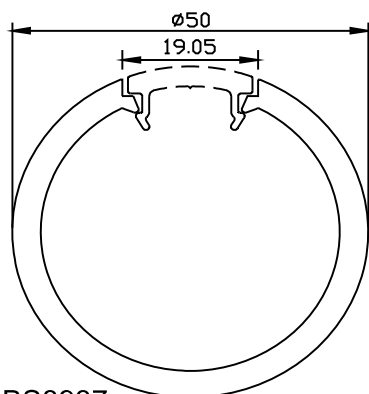
**BS1927**  
**Ø50mm 2 WAY/112°**  
**GLAZING POST**  
MASS: 1.633 Kg/m  
P.P.: 326.22 mm



**BS0317**  
**Ø50mm 2 WAY/135°**  
**GLAZING POST**  
MASS: 1.631 Kg/m  
P.P.: 339.57 mm

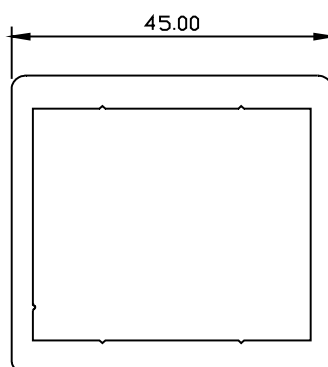
## SPECIALISED PRODUCTS

### Balustrading



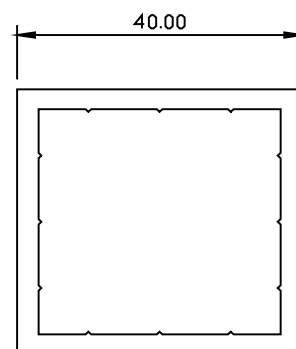
**BS8937**  
**Ø50mm GLAZING POST**

MASS: 1.377 Kg/m  
P.P.: 267.3 mm



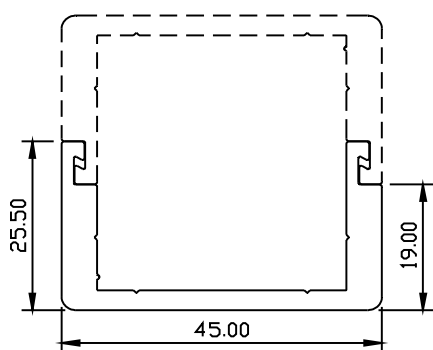
**BS4957**  
**45mm SQ RAD. CNR POST**

MASS: 1.778 Kg/m  
P.P.: 176.57 mm



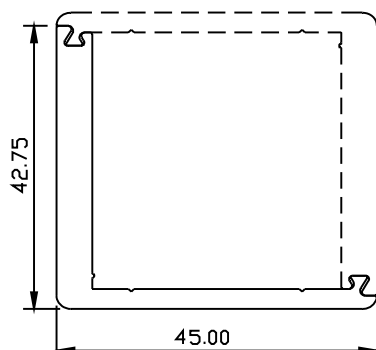
**BS8327**  
**40mm SQ POST**

MASS: 1.208 Kg/m  
P.P.: 160.00 mm



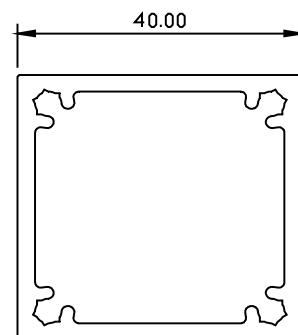
**BS1847**  
**45mm SELF MATING HALF POST**

MASS: 0.873 Kg/m  
P.P.: 191.19 mm



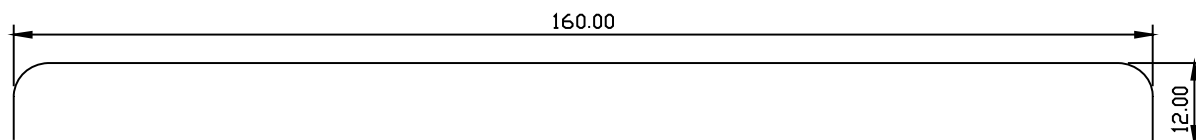
**BS2957**  
**45mm SQ SELF MATING HALF POST GATE**

MASS: 0.881 Kg/m  
P.P.: 183.94 mm



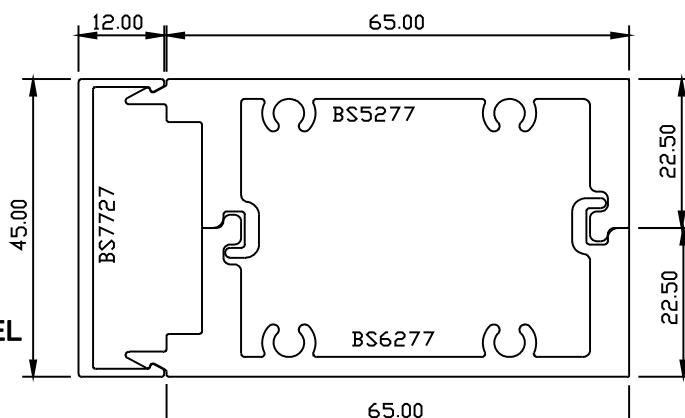
**BS7327**  
**40mm SQ POST**

MASS: 1.126 Kg/m  
P.P.: 159.31 mm



**BS5167**  
**160x12 RAD CNR FLAT BAR**

MASS: 5.174 Kg/m  
P.P.: 339.96 mm



**BS7277**  
**FLAT CAP CHANNEL**

MASS: 0.313 Kg/m  
P.P.: 133.89 mm

**BS5277**  
**FEMALE MULLION**

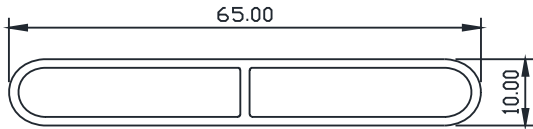
MASS: 1.310 Kg/m  
P.P.: 284.14 mm

**BS6277**  
**MALE MULLION**

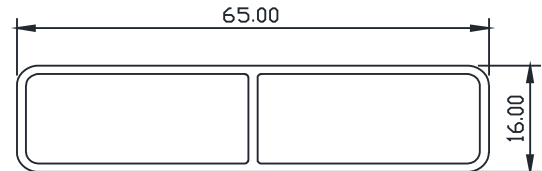
MASS: 1.310 Kg/m  
P.P.: 284.14 mm

## SPECIALISED PRODUCTS

### Screening, Fencing & Gate



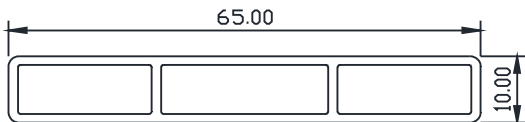
**SF0567**  
**65x10 FULL RAD SLAT**  
MASS: 0.510 Kg/m  
P.P.: 141.42 mm



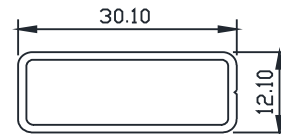
**SF1257**  
**65x16 CNR RAD SLAT**  
MASS: 0.573 Kg/m  
P.P.: 156.85 mm



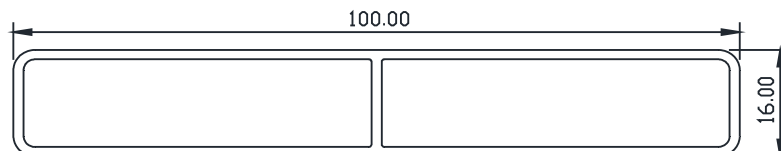
**SF4167**  
**65x10 CNR RAD SLAT**  
MASS: 0.491 Kg/m  
P.P.: 146.57 mm



**SF9947**  
**65x10 CNR RAD SLAT**  
MASS: 0.558 Kg/m  
P.P.: 147.42 mm



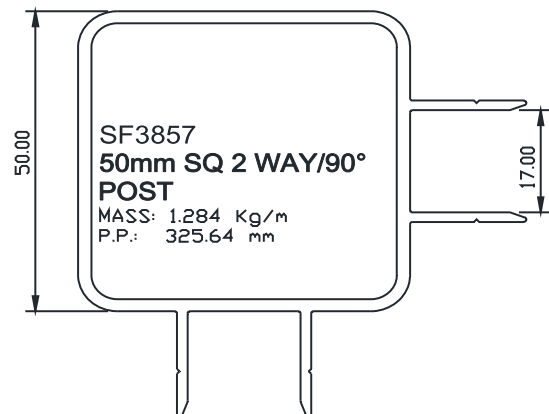
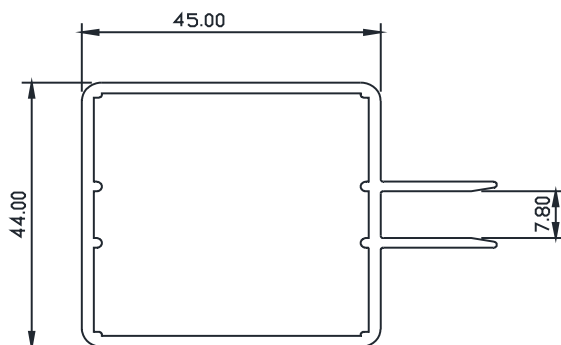
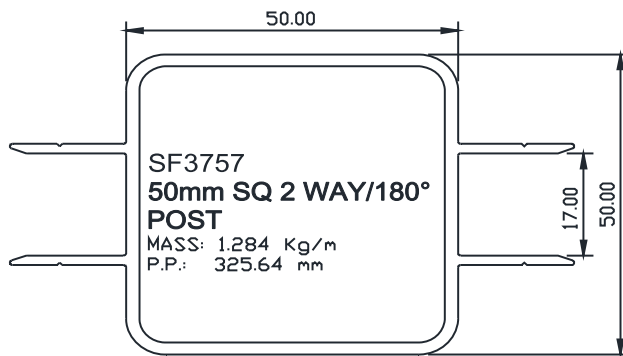
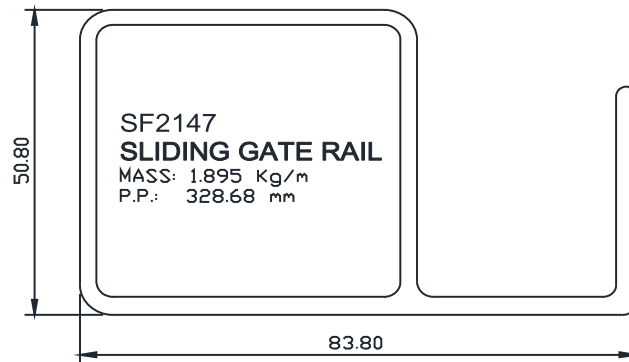
**SF8547**  
**RHS RAD CNR SLAT**  
MASS: 0.241 Kg/m  
P.P.: 100 mm



**SF3647**  
**100x16 CNR RAD SLAT**  
MASS: 0.894 Kg/m  
P.P.: 226.85 mm

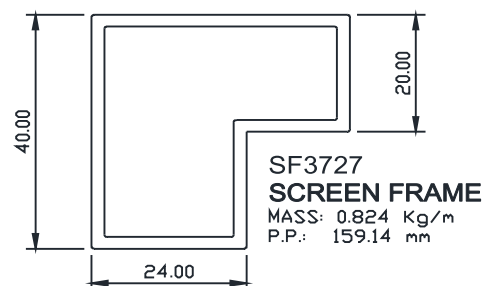
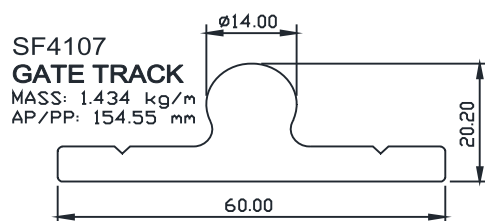
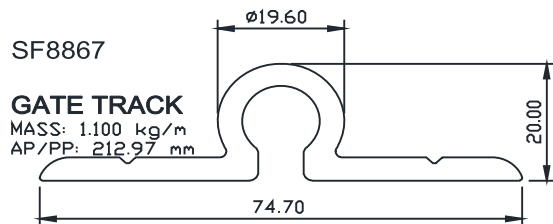
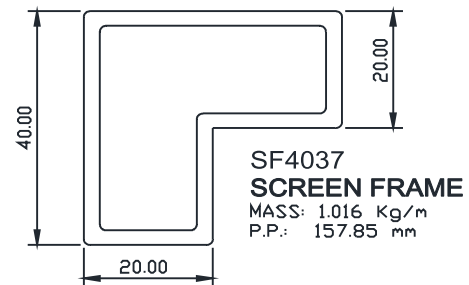
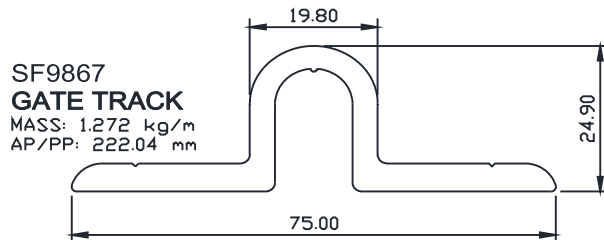
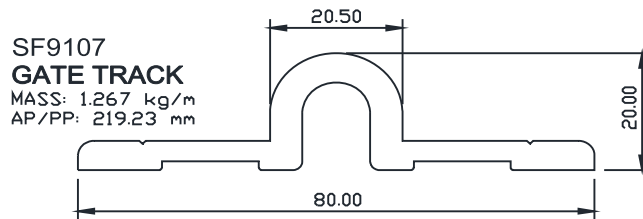
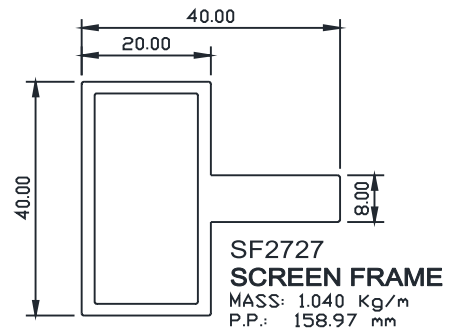
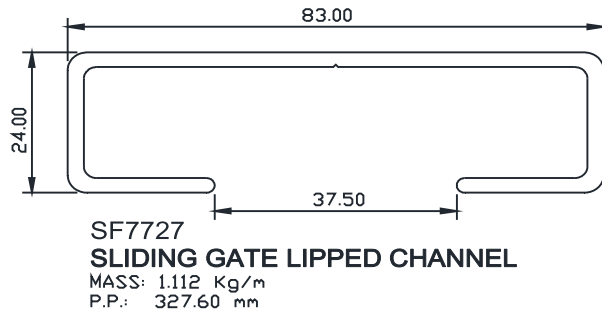
## SPECIALISED PRODUCTS

### Screening,Fencing & Gate



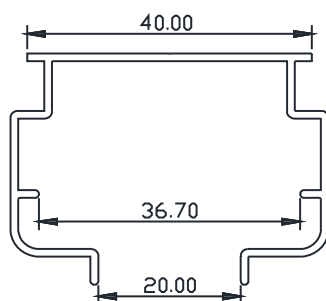
## SPECIALISED PRODUCTS

### Screening, Fencing & Gate

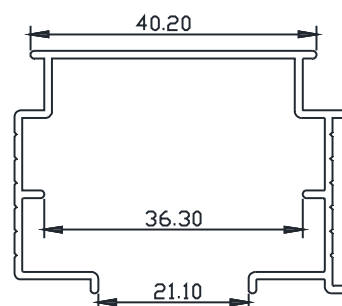


## SPECIALISED PRODUCTS

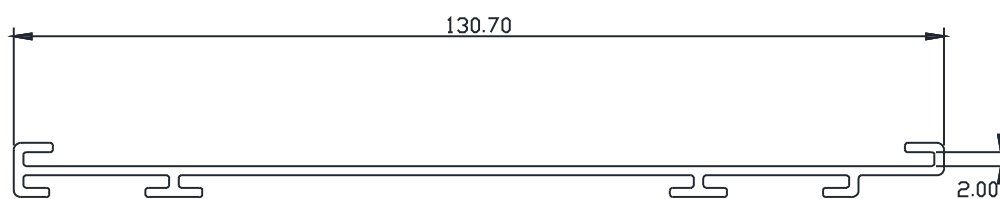
### Vertical Blind



**VB0307**  
**HEAD TRACK**  
MASS: 0.411 Kg/m  
P.P.: 276.80 mm



**VB9207**  
**HEAD TRACK**  
MASS: 0.451 Kg/m  
P.P.: 307.11 mm

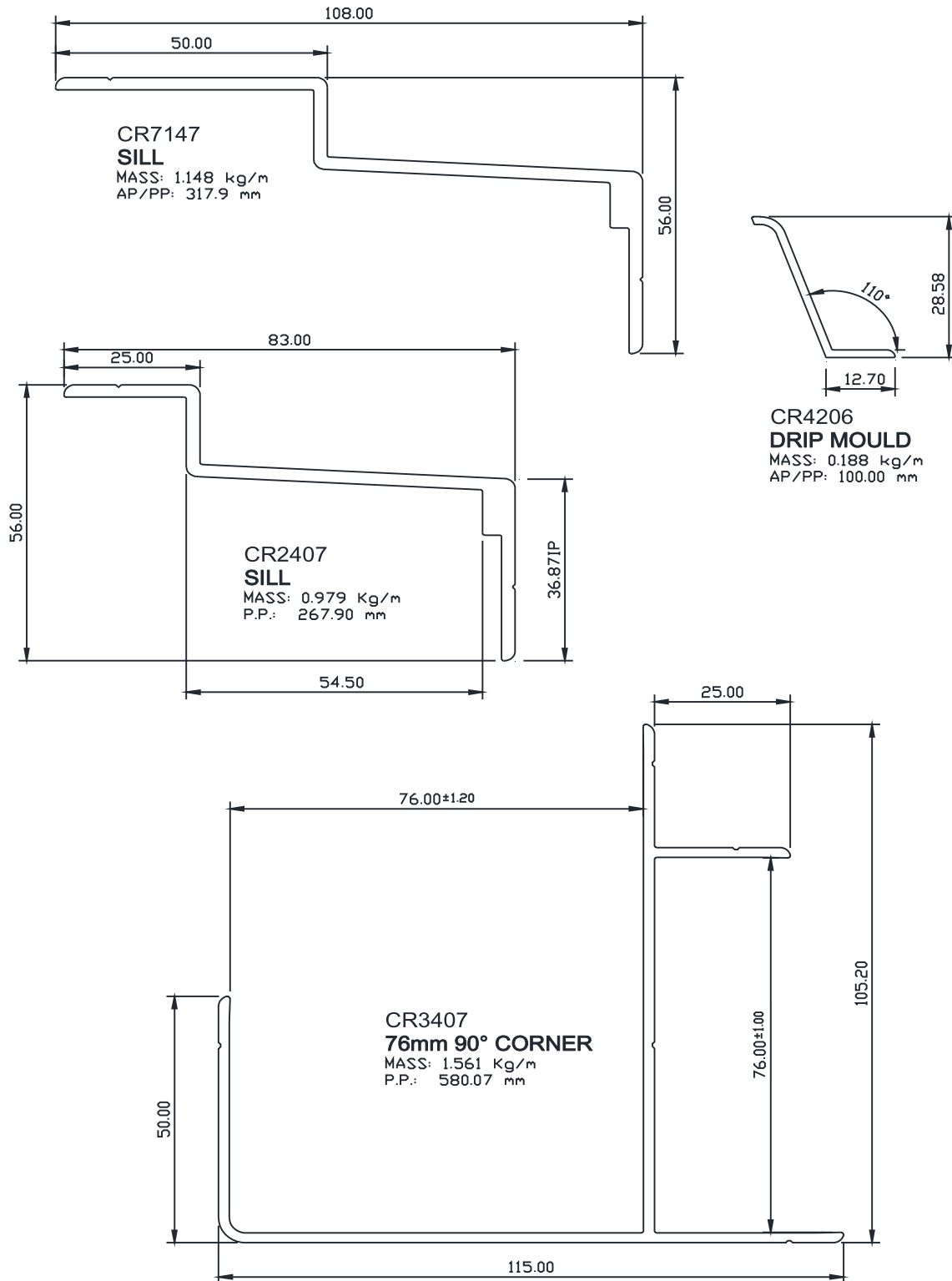


**VB7247**  
**PELMET**  
MASS: 0.652 Kg/m  
P.P.: 352.69 mm



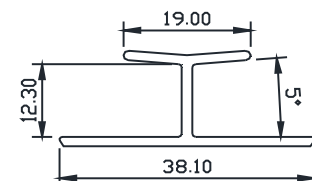
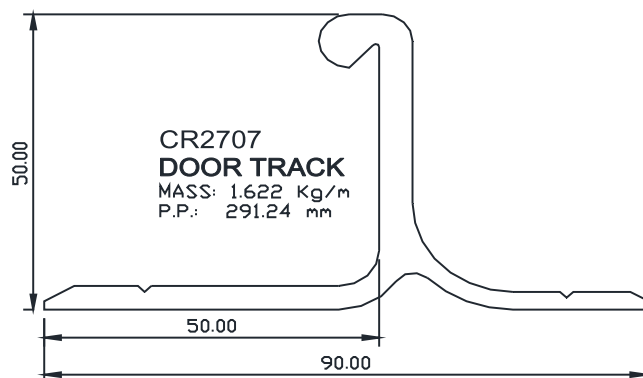
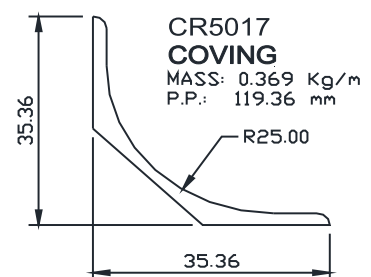
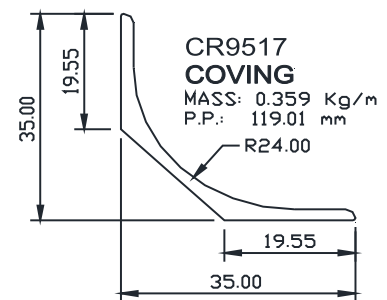
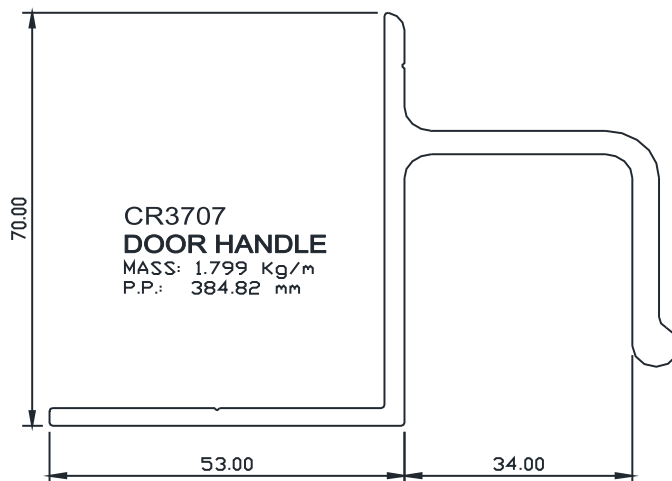
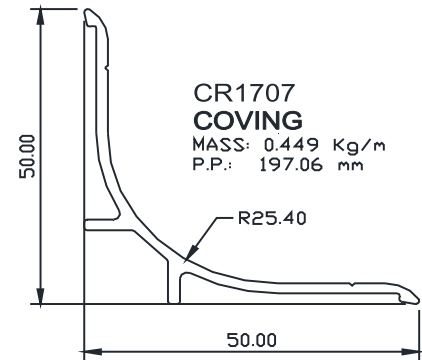
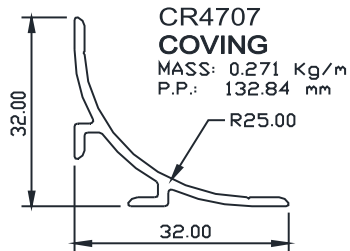
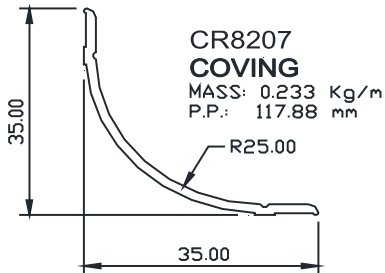
## SPECIALISED PRODUCTS

### Cool Room



## SPECIALISED PRODUCTS

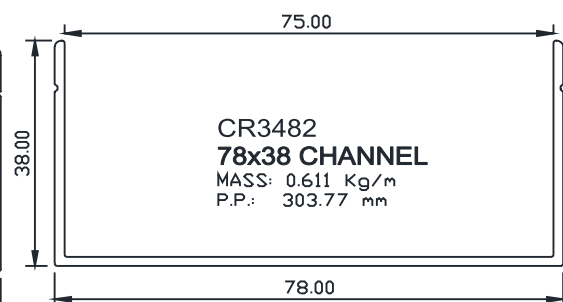
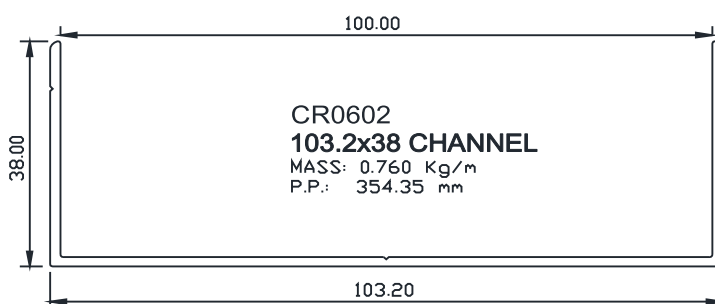
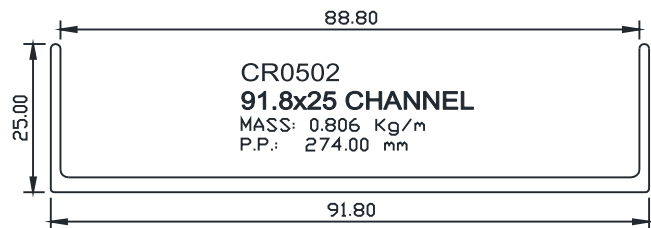
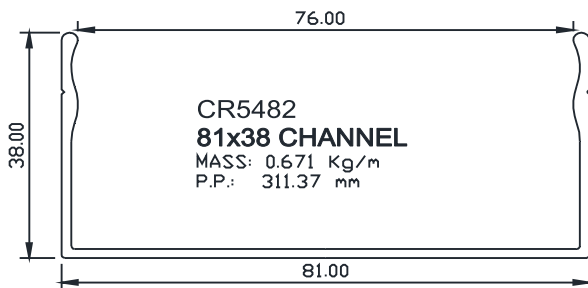
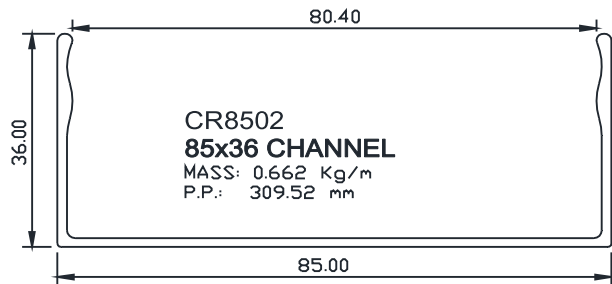
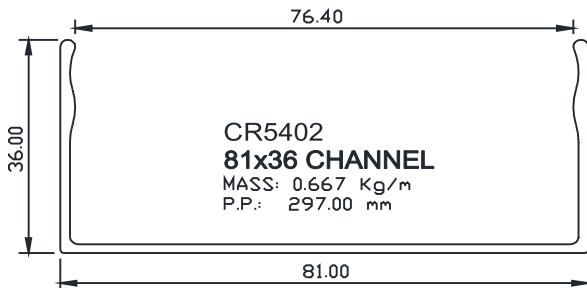
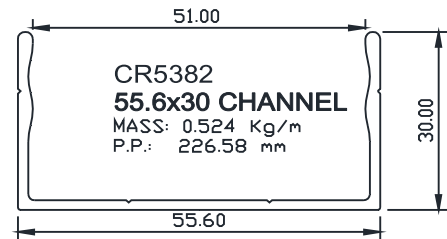
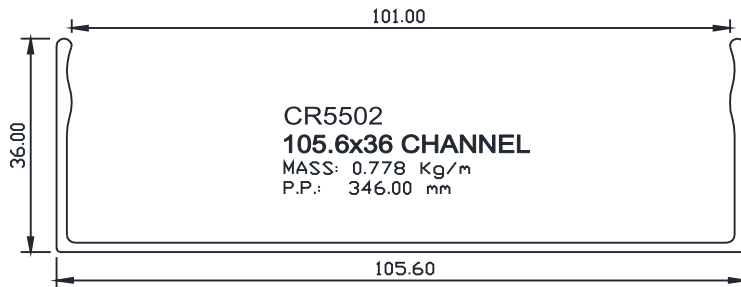
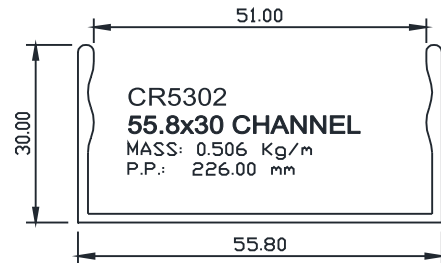
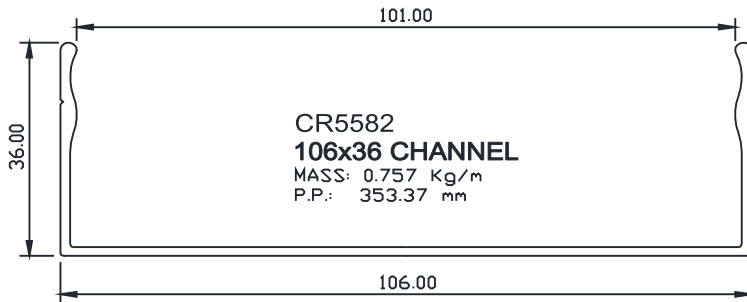
### Cool Room



**CR5707  
12mm WALL BOARD JOINER**  
MASS: 0.298 Kg/m  
P.P.: 138.70 mm

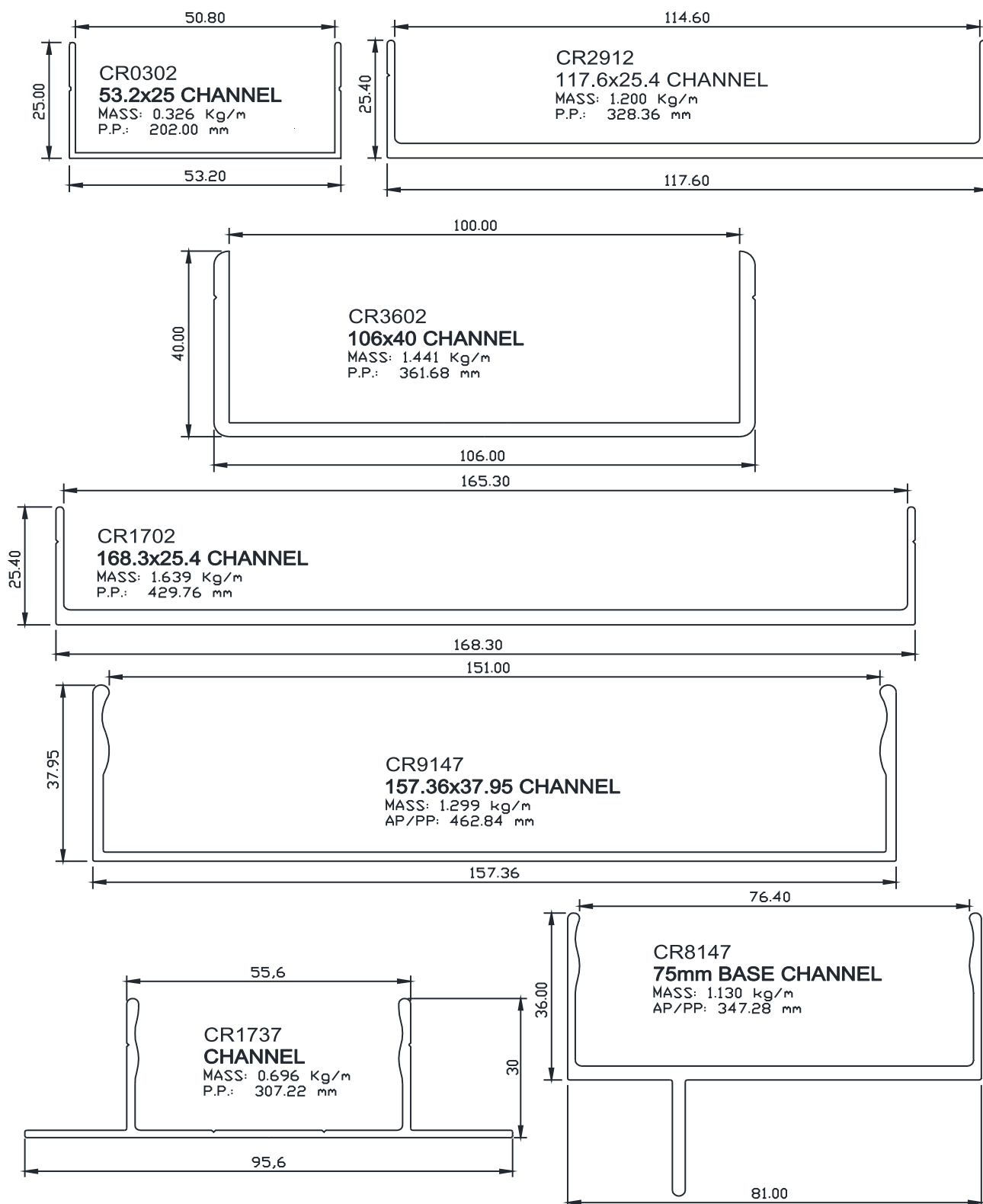
## SPECIALISED PRODUCTS

### Cool Room



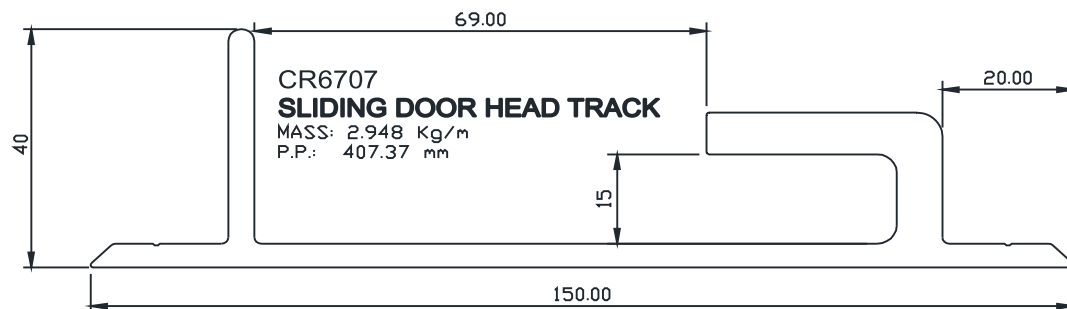
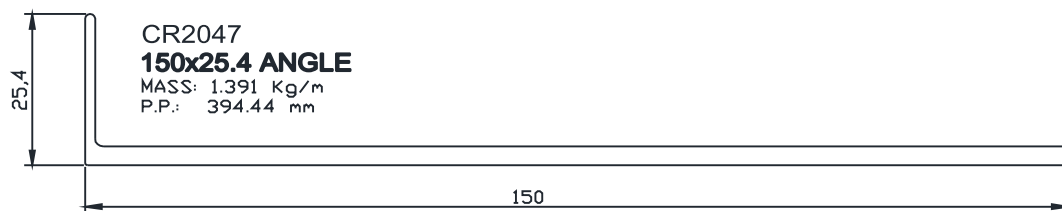
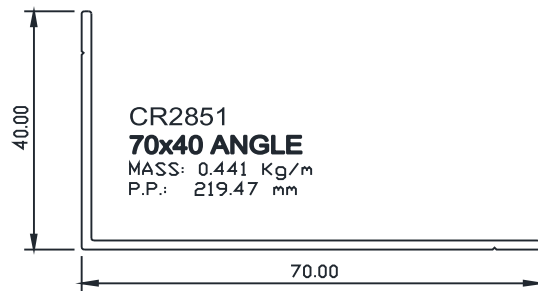
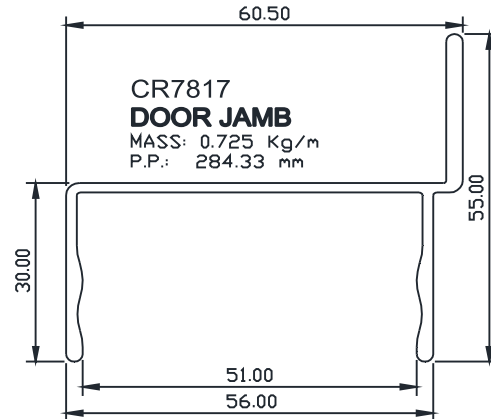
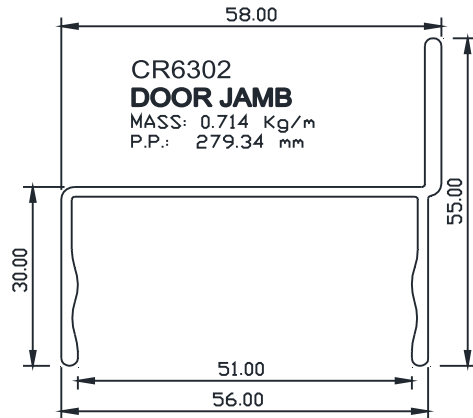
## SPECIALISED PRODUCTS

### Cool Room



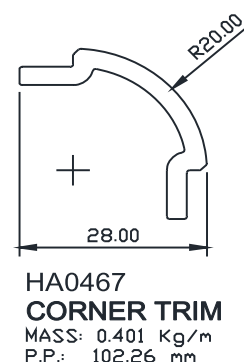
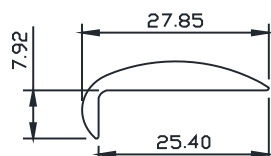
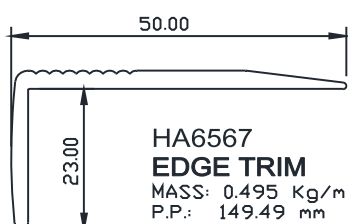
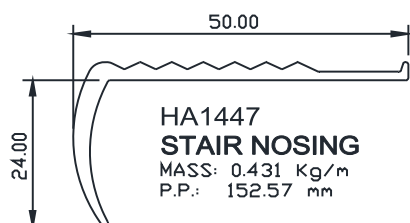
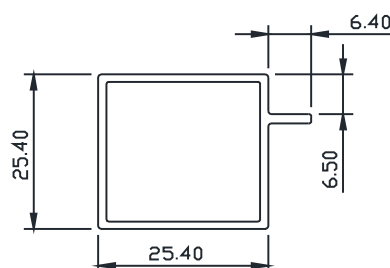
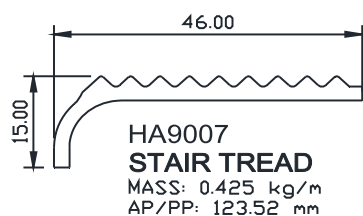
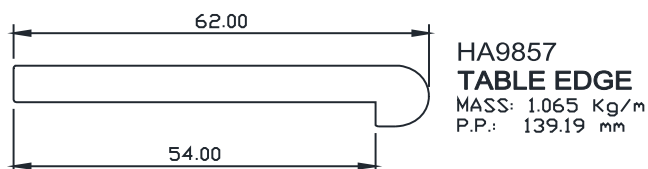
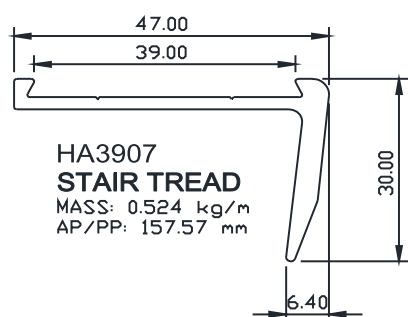
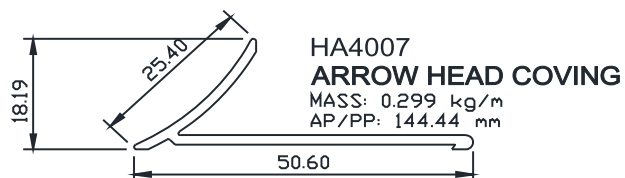
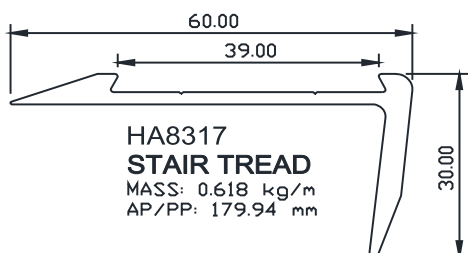
## SPECIALISED PRODUCTS

### Cool Room



## SPECIALISED PRODUCTS

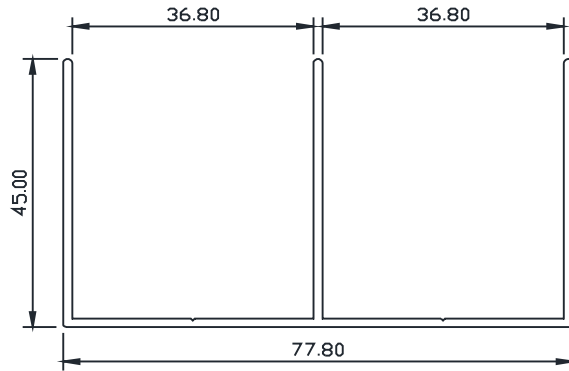
### Home Accessories



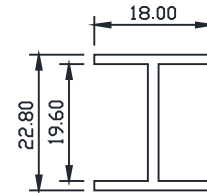


## SPECIALISED PRODUCTS

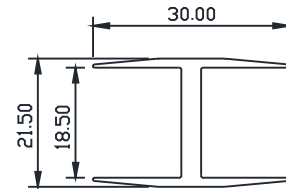
### Home Accessories



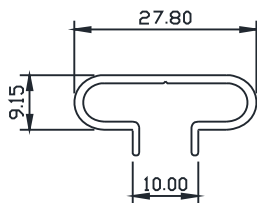
**HA4907  
WARDROBE HEAD TRACK**  
MASS: 0.789 kg/m  
AP/PP: 418.27 mm



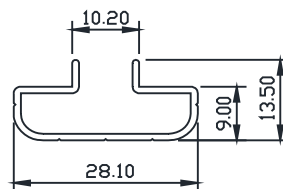
**HA0505  
JOINER**  
MASS: 0.241 Kg/m  
P.P.: 114.40 mm



**HA4567  
DECKING JOINER**  
MASS: 0.340 Kg/m  
P.P.: 151.9 mm



**HA0057  
SLAT WALL**  
MASS: 0.218 kg/m  
AP/PP: 126.070 mm



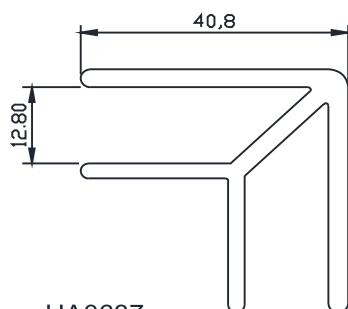
**HA5107  
SLAT WALL**  
MASS: 0.194 kg/m  
AP/PP: 134.90 mm



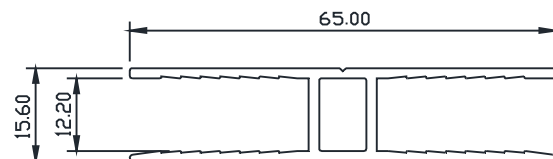
**HA7127  
WALL BOARD JOINER**  
MASS: 0.233 Kg/m  
P.P.: 150.25 mm



**HA9327  
JOINER**  
MASS: 0.527 Kg/m  
P.P.: 213.57 mm



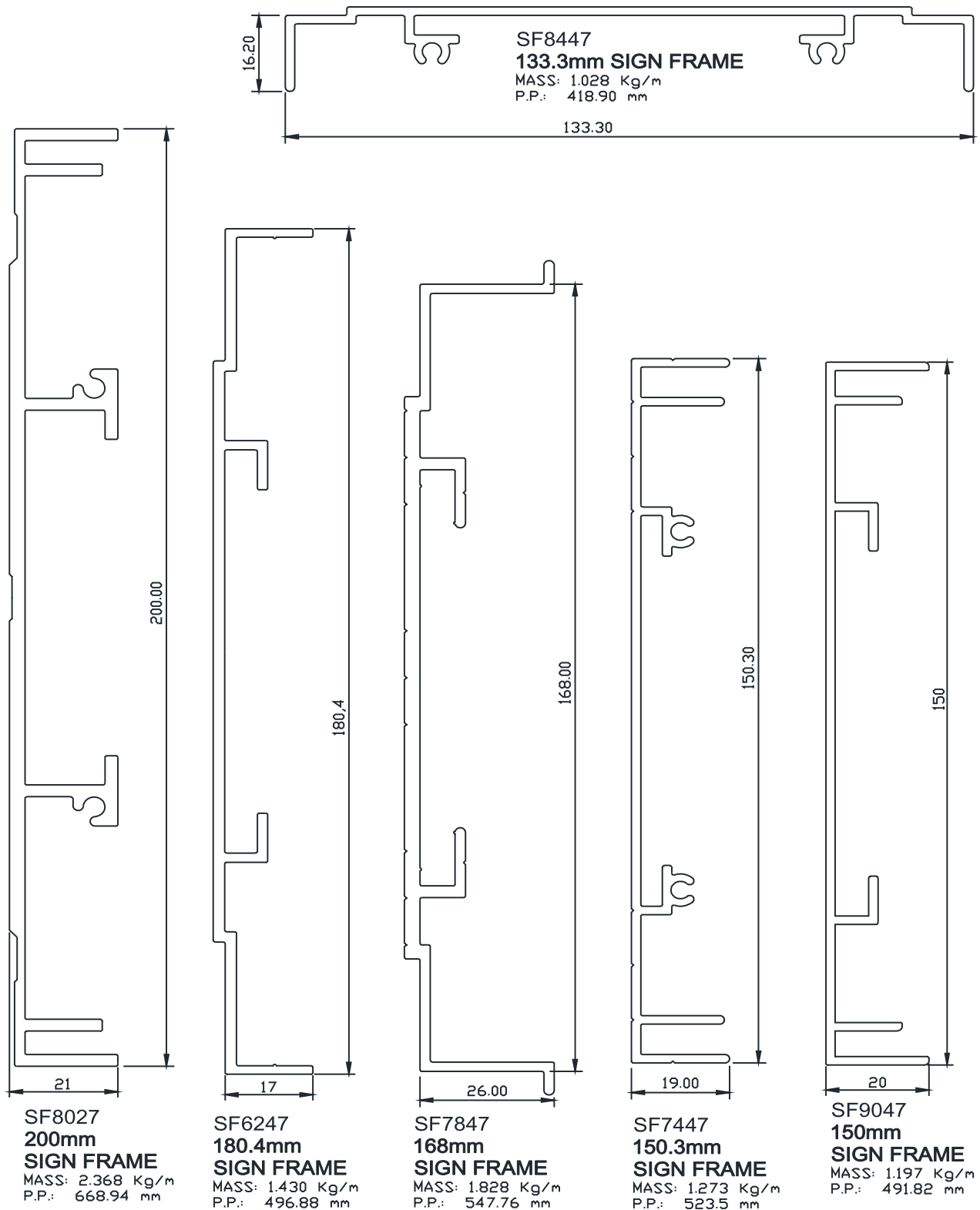
**HA0637  
12mm PANEL BOARD JOINER  
(HEXNOFLEX)**  
MASS: 1.095 Kg/m  
P.P.: 282.73 mm



**HA0667  
JOINER**  
MASS: 0.663 Kg/m  
P.P.: 274.48 mm

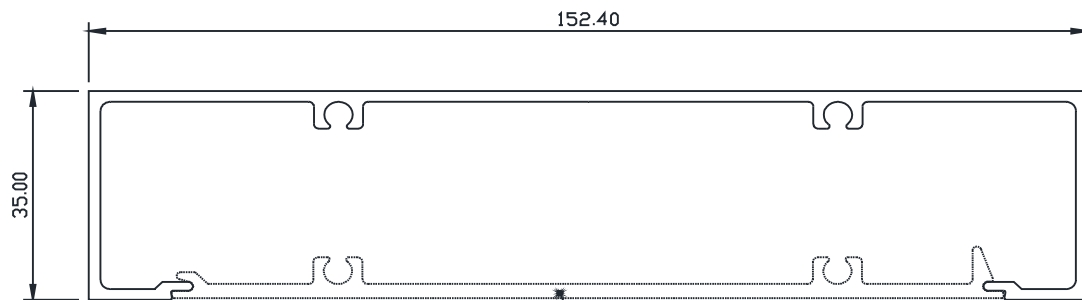
## SPECIALISED PRODUCTS

### Sign Frame

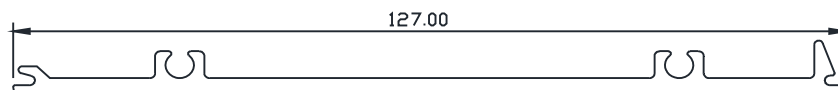


## SPECIALISED PRODUCTS

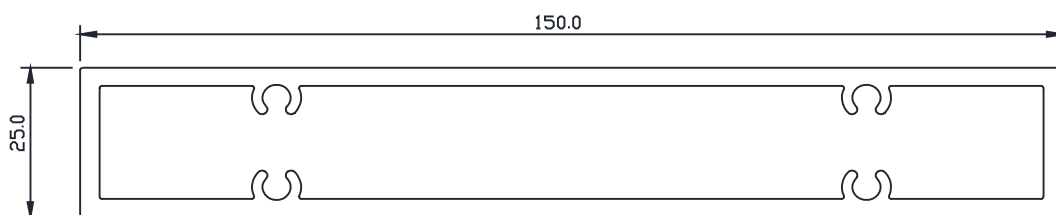
### Sign Frame



**SF4807**  
**AIR CONTROL FRAME**  
MASS: 1.315 kg/m  
AP/PP: 530.33 mm



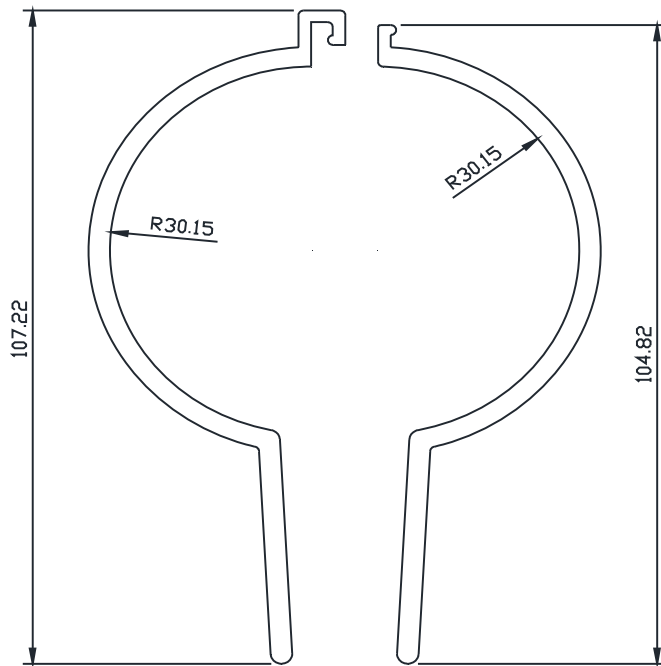
**SF5807**  
**AIR CONTROL FRAME INFILL**  
MASS: 0.944 kg/m  
AP/PP: 310.12 mm



**SF6967**  
**150x25x3 RHS**  
MASS: 2.922 Kg/m  
P.P.: 349.31 mm

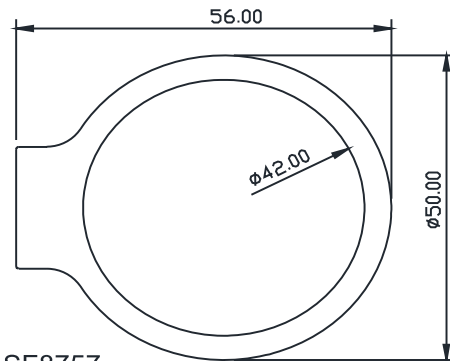
## SPECIALISED PRODUCTS

### Sign Frame

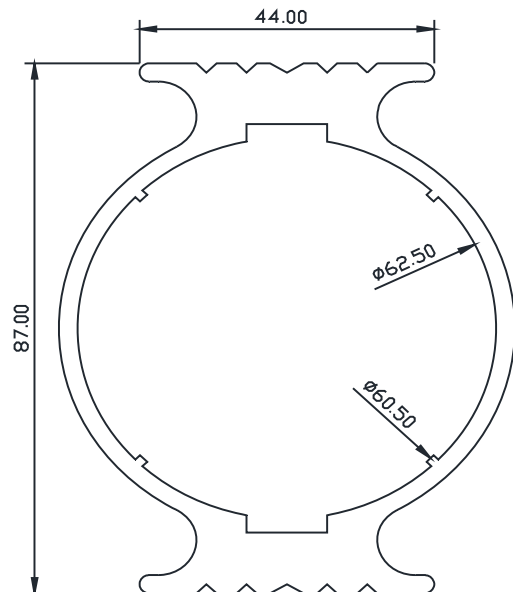


**SF7547**  
**SIGN BRACKET**  
MASS: 1.203 Kg/m  
P.P.: 294 mm

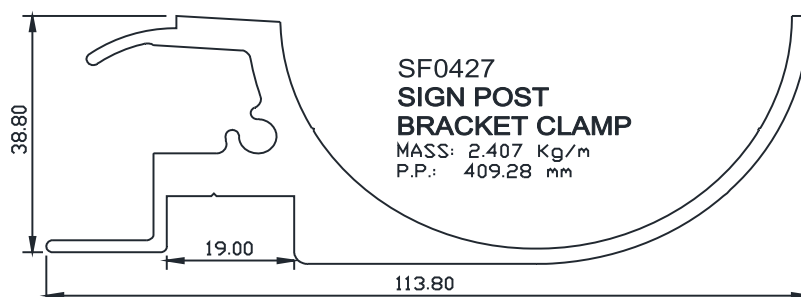
**SF6547**  
**SIGN BRACKET**  
MASS: 1.145 Kg/m  
P.P.: 272.26 mm



**SF8757**  
**SIGN POST BRACKET**  
MASS: 1.940 Kg/m  
P.P.: 170.86 mm



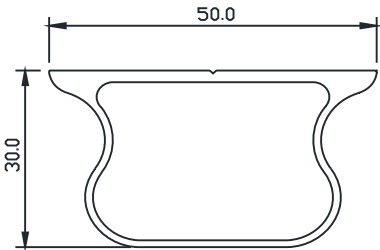
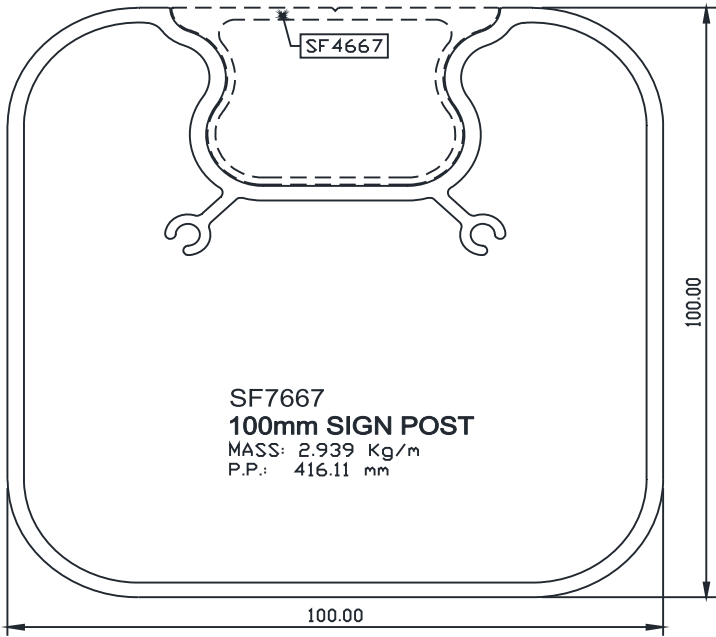
**SF9417**  
**SIGN BRACKET**  
MASS: 3.225 Kg/m  
P.P.: 323.06 mm



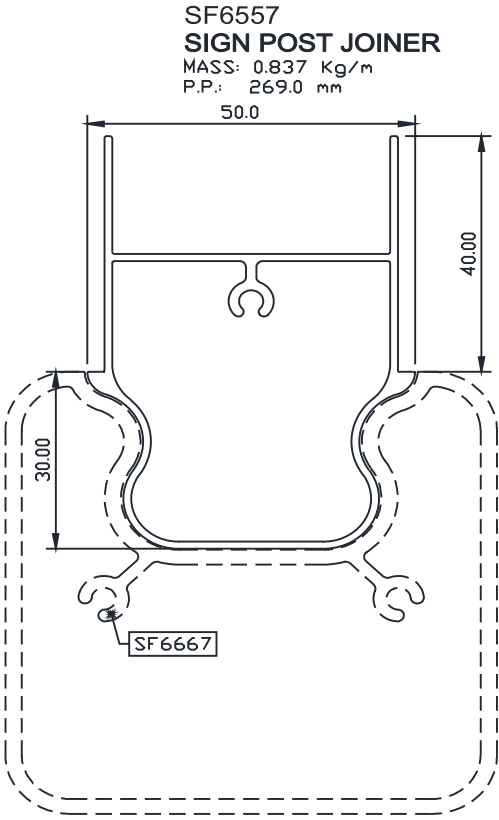
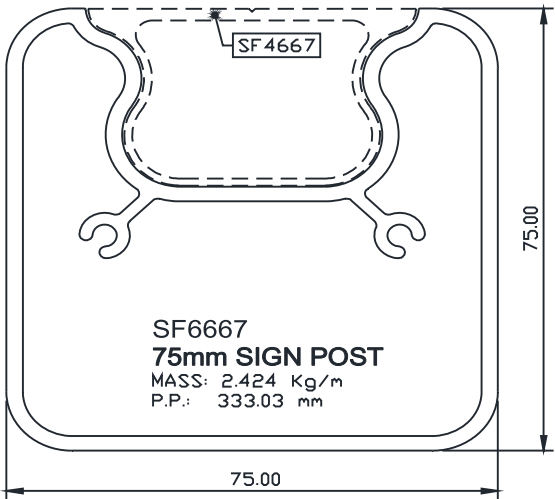
**SF0427**  
**SIGN POST**  
**BRACKET CLAMP**  
MASS: 2.407 Kg/m  
P.P.: 409.28 mm

**SPECIALISED PRODUCTS**

**Sign Frame**

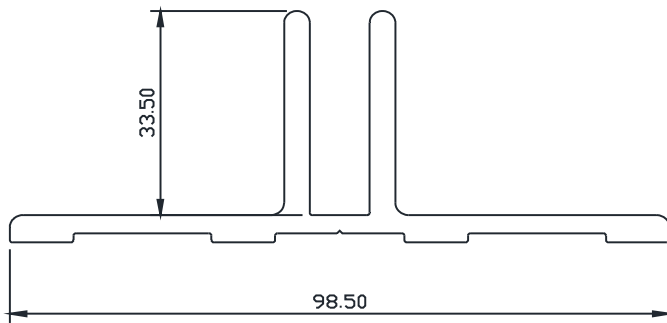


SF4667  
**SIGN POST INFILL**  
MASS: 0.624 Kg/m  
P.P.: 150.61 mm

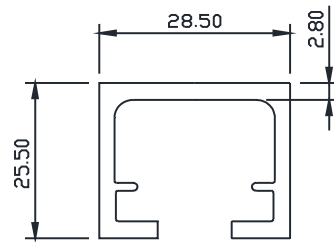


## SPECIALISED PRODUCTS

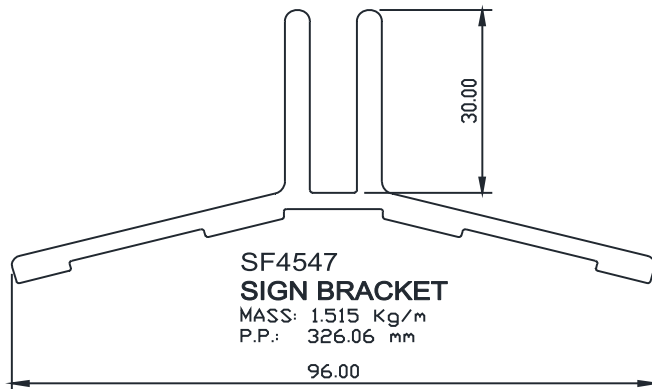
### Sign Frame



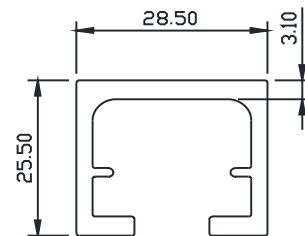
**SF3547  
SIGN BRACKET**  
MASS: 1.641 Kg/m  
P.P.: 339.87 mm



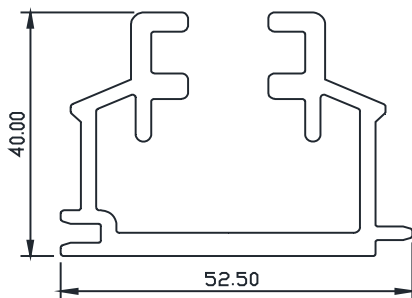
**SF6507  
BACKING RAIL**  
MASS: 0.635 Kg/m  
P.P.: 187.81 mm



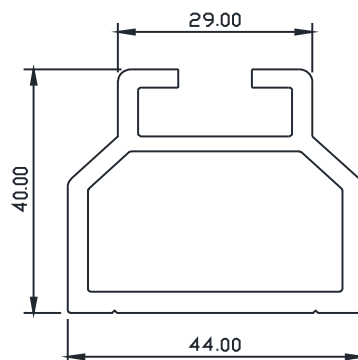
**SF4547  
SIGN BRACKET**  
MASS: 1.515 Kg/m  
P.P.: 326.06 mm



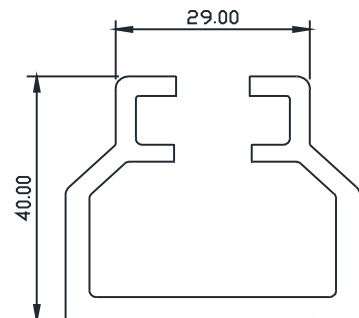
**SF3257  
BACKING RAIL**  
MASS: 0.674 Kg/m  
P.P.: 183.59 mm



**SF5547  
BACKING RAIL**  
MASS: 1.412 Kg/m  
P.P.: 356.48 mm



**SF7507  
BACKING RAIL**  
MASS: 1.314 Kg/m  
P.P.: 202.70 mm

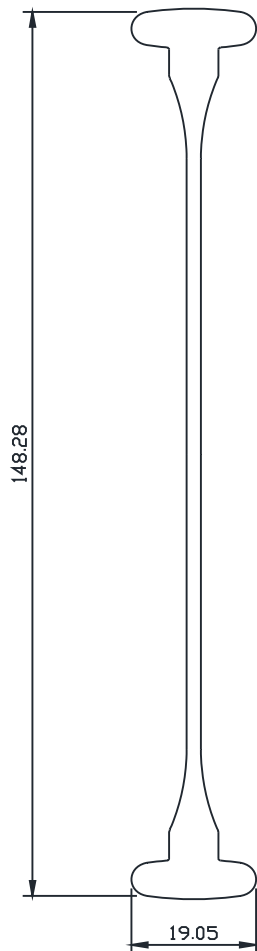


**SF2177  
BACKING RAIL**  
MASS: 1.346 Kg/m  
P.P.: 295.28 mm



## SPECIALISED PRODUCTS

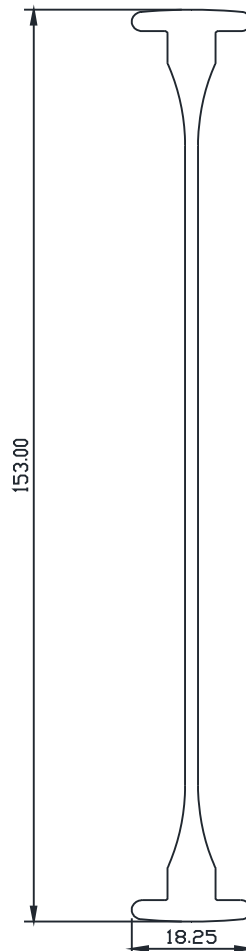
### Sign Frame



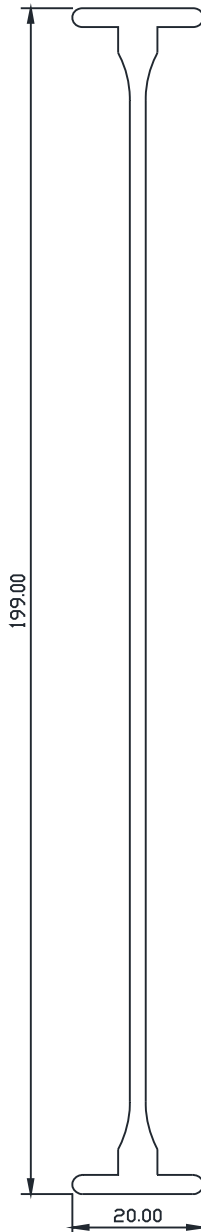
**SF9217  
SIGN BLADE**  
MASS: 1.676 Kg/m  
P.P.: 347.74 mm



**SF8537  
SIGN BLADE**  
MASS: 1.969 Kg/m  
P.P.: 447.74 mm



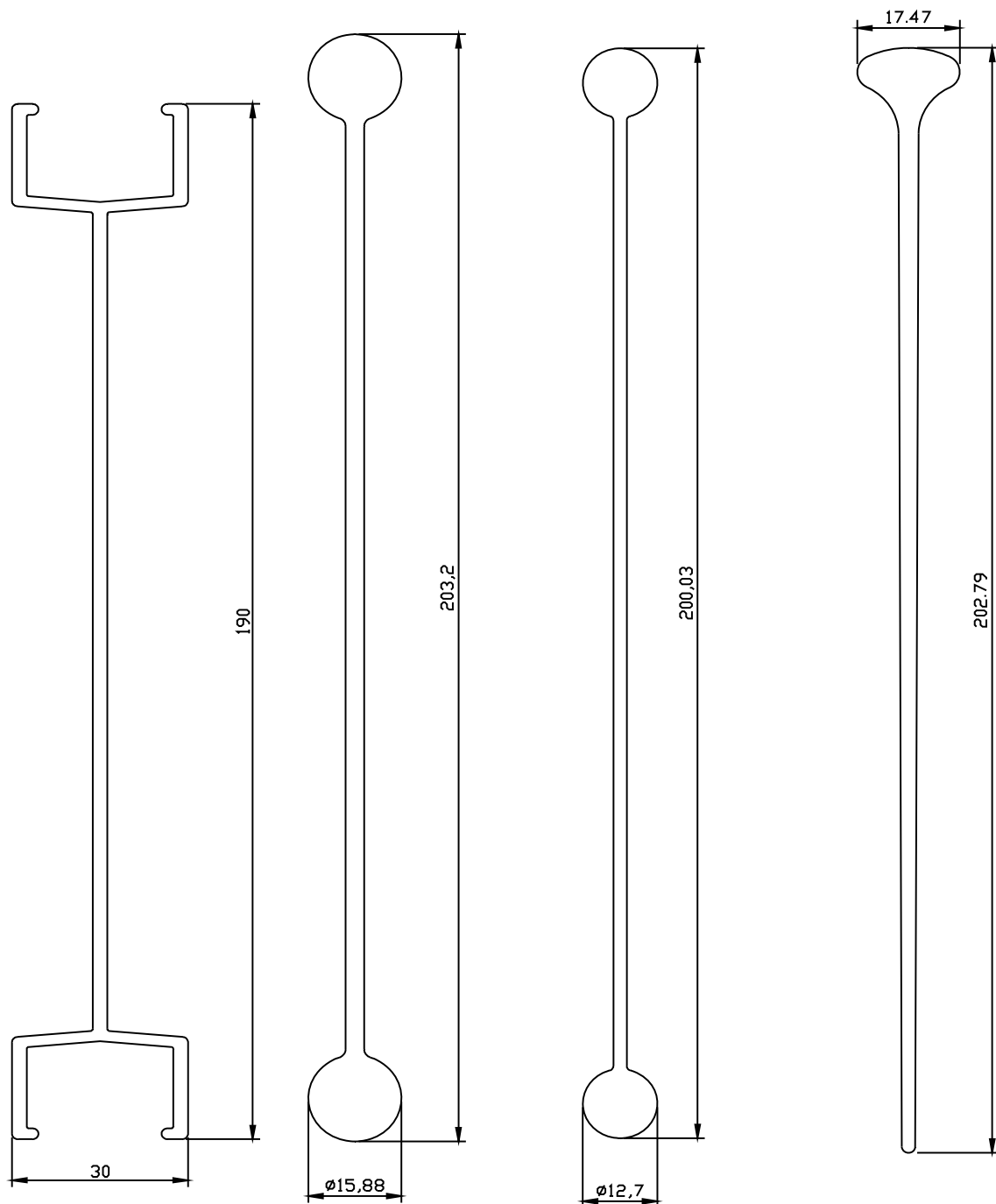
**SF2547  
SIGN BLADE**  
MASS: 1.403 Kg/m  
P.P.: 358.10 mm



**SF1547  
SIGN BLADE**  
MASS: 1.722 Kg/m  
P.P.: 461.58 mm

## SPECIALISED PRODUCTS

### Sign Frame



**SF7537  
BARRIER BOARD**  
MASS: 1.834 Kg/m  
P.P.: 565.86 mm

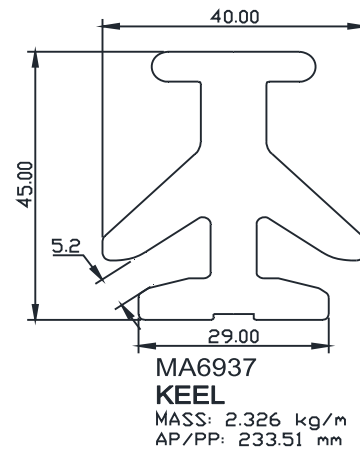
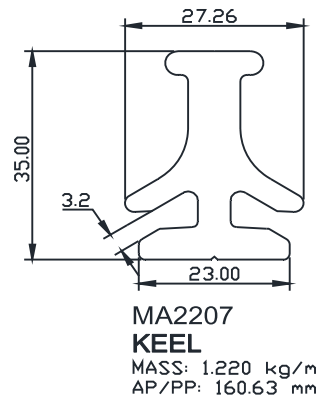
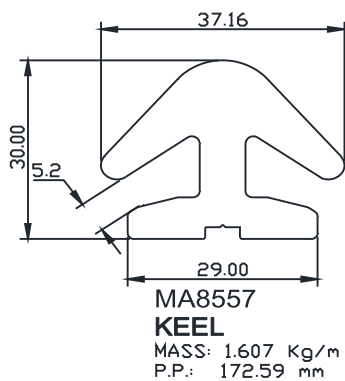
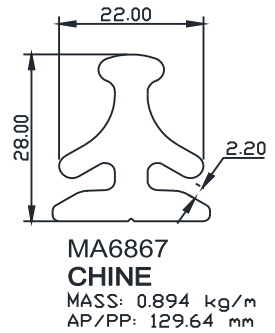
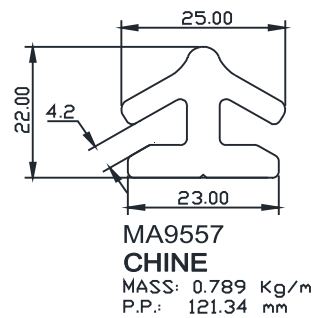
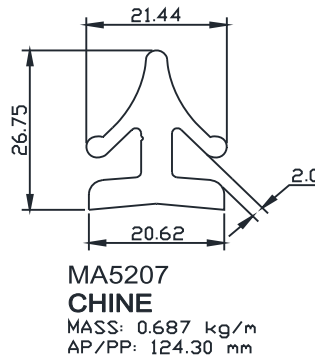
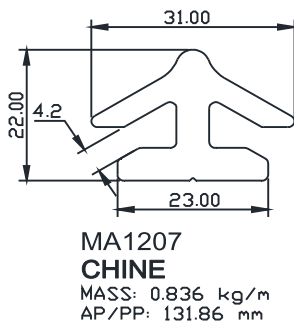
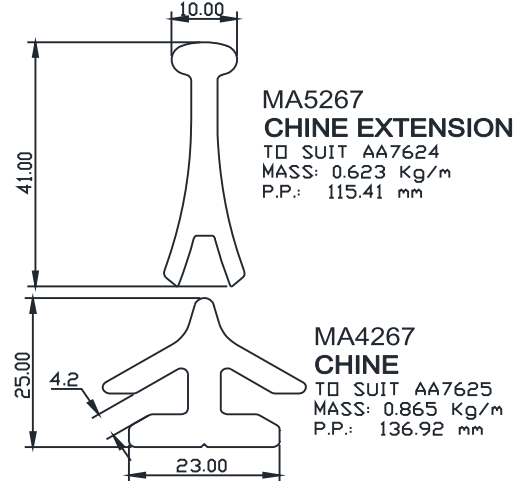
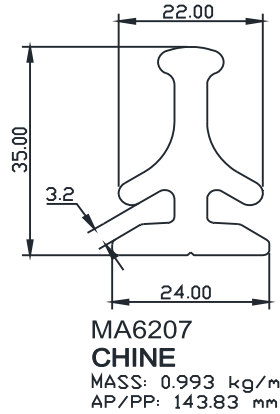
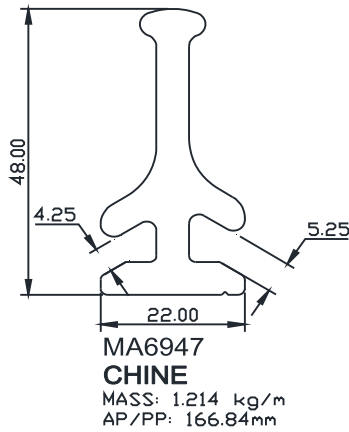
**SF6537  
SIGN BLADE**  
MASS: 2.555 Kg/m  
P.P.: 435.52 mm

**SF0707  
SIGN BLADE**  
MASS: 1.772 Kg/m  
P.P.: 424.08 mm

**SF1477  
8" SIGN BLADE**  
MASS: 1.884 Kg/m  
P.P.: 424.87 mm

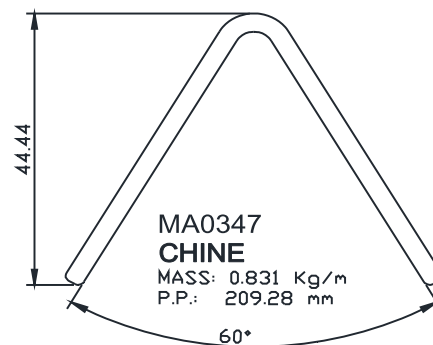
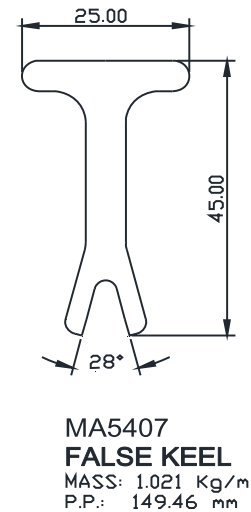
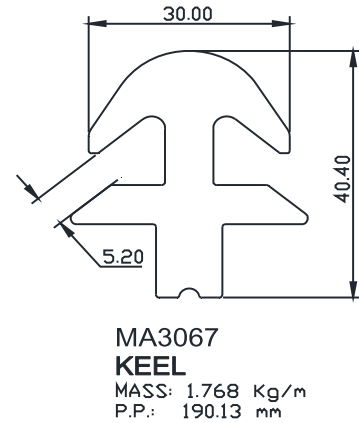
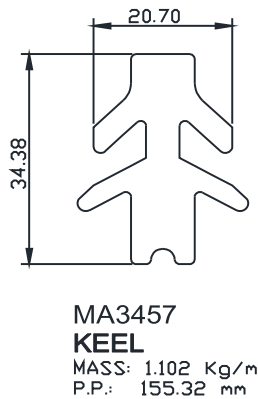
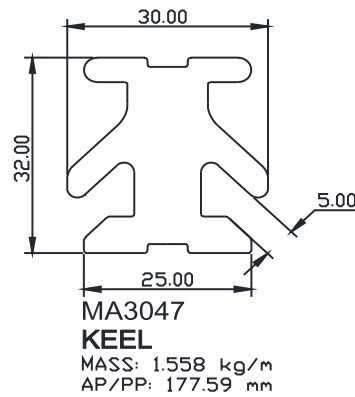
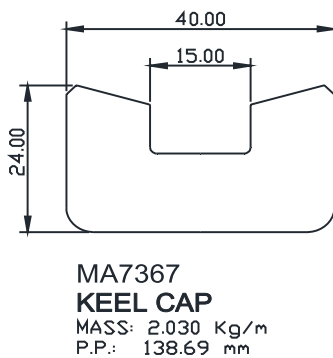
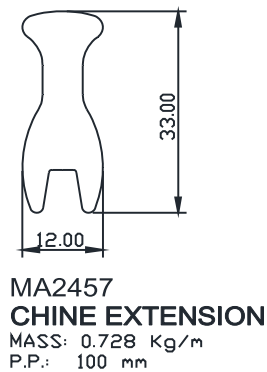
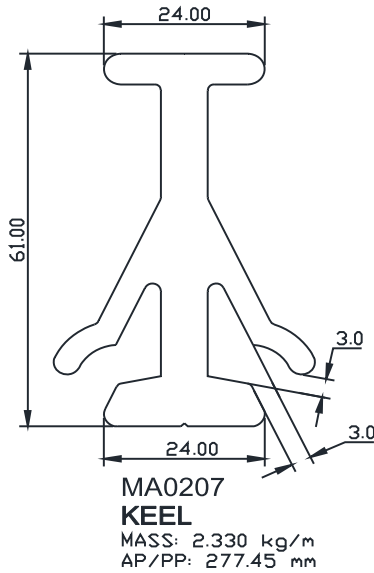
## SPECIALISED PRODUCTS

### Marine



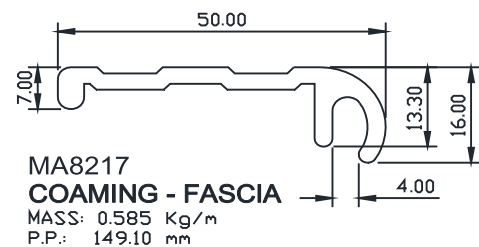
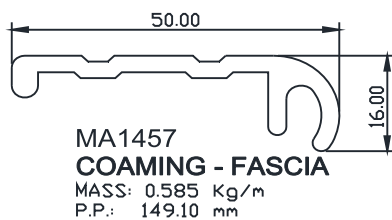
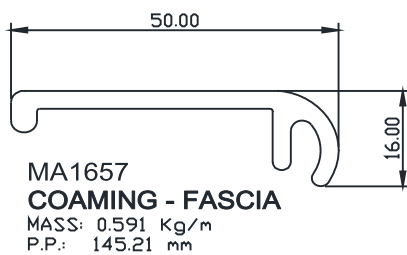
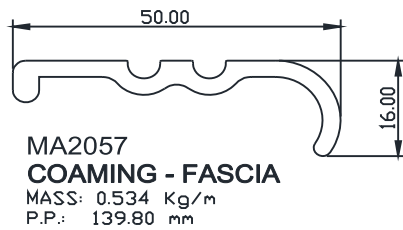
## SPECIALISED PRODUCTS

### Marine



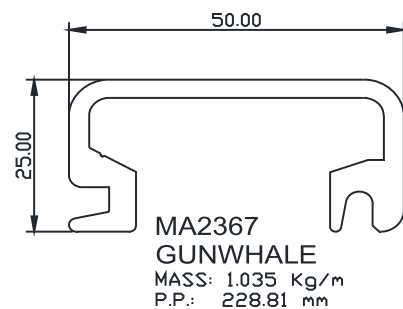
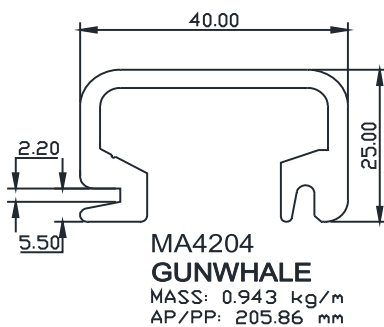
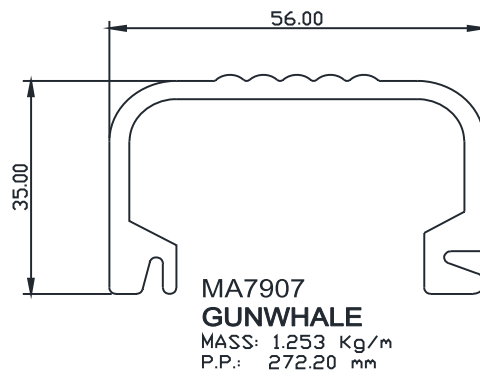
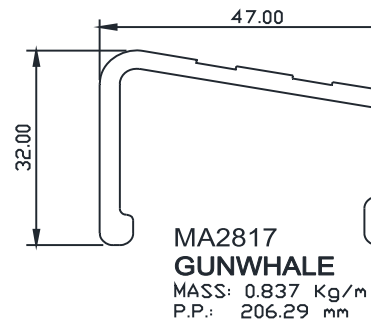
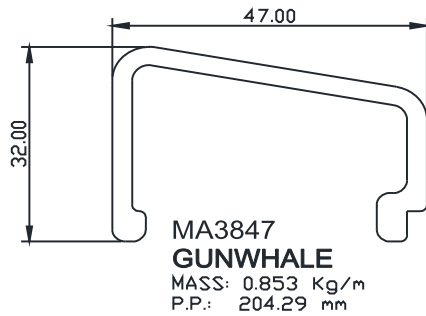
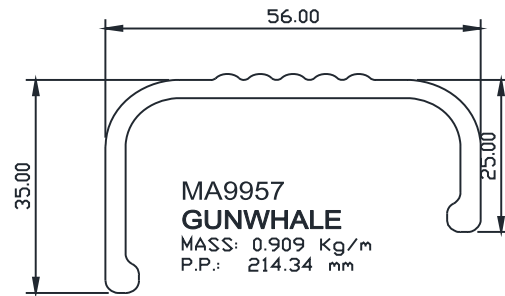
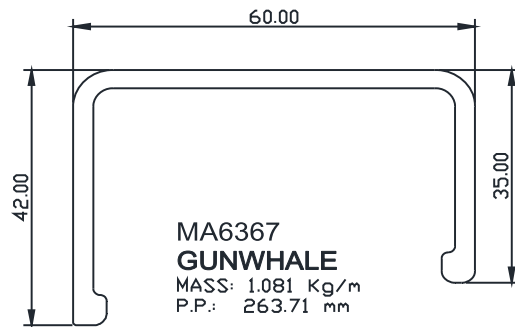
## SPECIALISED PRODUCTS

### Marine



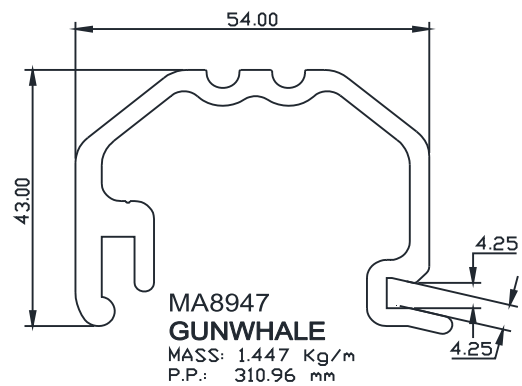
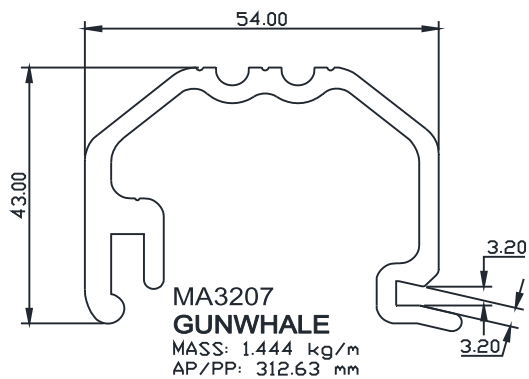
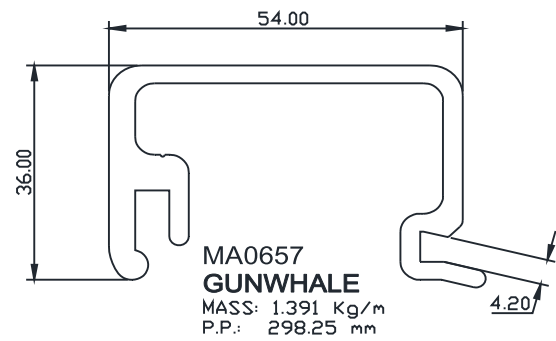
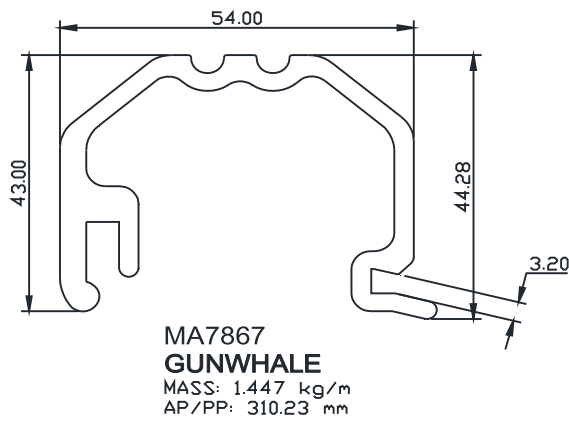
## SPECIALISED PRODUCTS

### Marine



## SPECIALISED PRODUCTS

### Marine





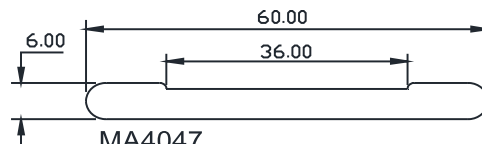
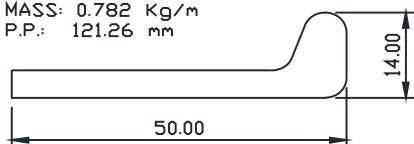
## SPECIALISED PRODUCTS

### Marine

MA1417

**BULB FLAT**

MASS: 0.782 Kg/m  
P.P.: 121.26 mm



MA4047

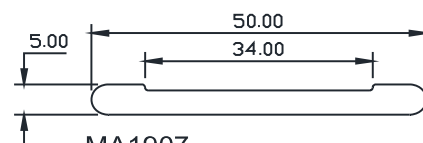
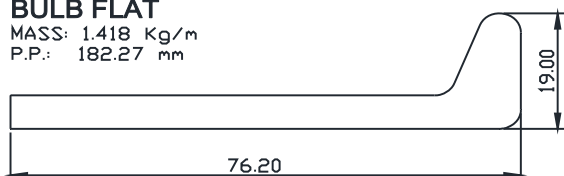
**FLAT BAR RECESSED**

MASS: 0.856 Kg/m  
P.P.: 128.0 mm

MA9317

**BULB FLAT**

MASS: 1.418 Kg/m  
P.P.: 182.27 mm



MA1907

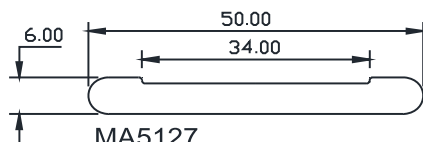
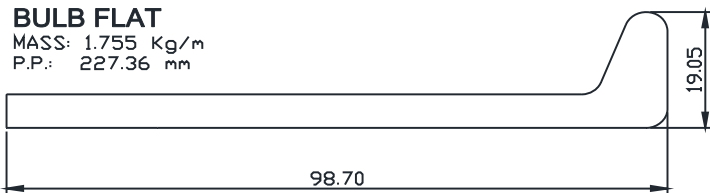
**FLAT BAR RECESSED**

MASS: 0.571 Kg/m  
P.P.: 106.85 mm

MA0417

**BULB FLAT**

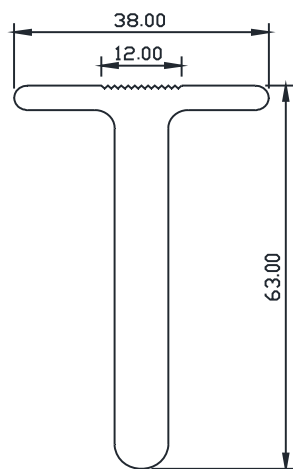
MASS: 1.755 Kg/m  
P.P.: 227.36 mm



MA5127

**FLAT BAR RECESSED**

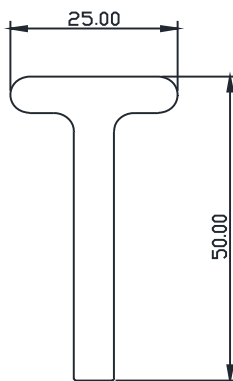
MASS: 0.700 Kg/m  
P.P.: 107.99 mm



MA2907

**TEE BAR**

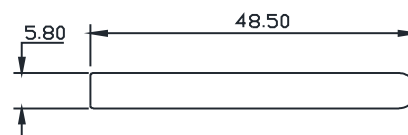
MASS: 1.665 Kg/m  
P.P.: 197.52 mm



MA1647

**TEE BAR**

MASS: 1.111 Kg/m  
P.P.: 141.93 mm



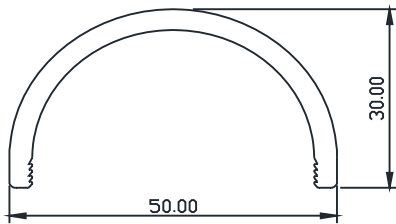
MA4717

**FLAT BAR RAD END**

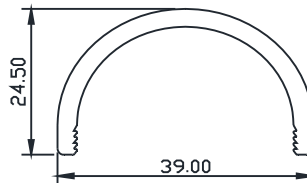
MASS: 0.755 Kg/m  
P.P.: 106.11 mm

## SPECIALISED PRODUCTS

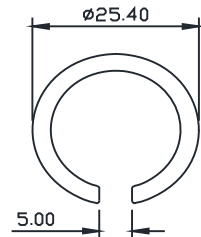
### Marine



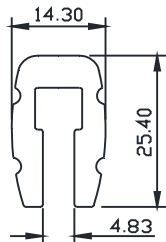
**MA0807  
HALF ROUND**  
MASS: 0.781 Kg/m  
P.P.: 175.82 mm



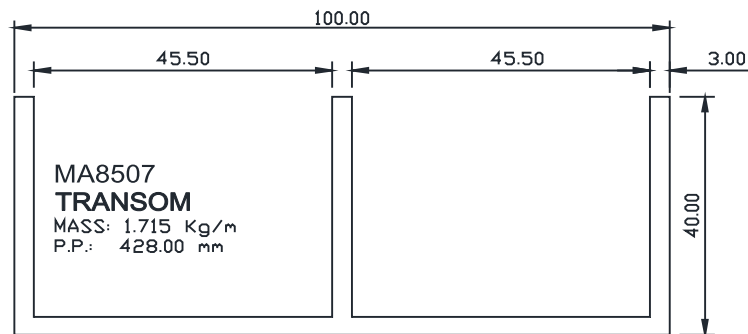
**MA5717  
HALF ROUND**  
MASS: 0.535 Kg/m  
P.P.: 141.85 mm



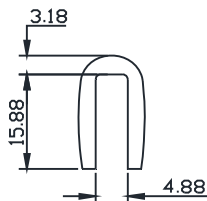
**MA0237  
SPLIT ROUND**  
MASS: 0.500 Kg/m  
P.P.: 136.92 mm



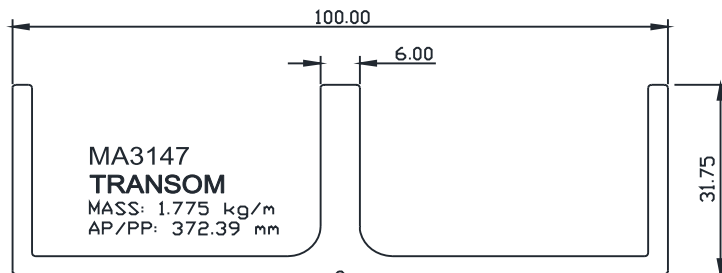
**MA5817  
WINDSCREEN MOULD**  
MASS: 0.571 Kg/m  
P.P.: 118.19 mm



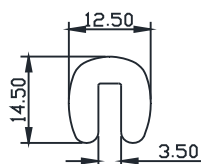
**MA8507  
TRANSOM**  
MASS: 1.715 Kg/m  
P.P.: 428.00 mm



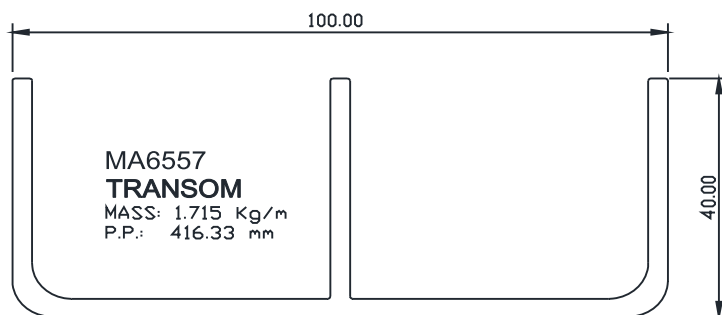
**MA3007  
WINDSCREEN MOULD**  
MASS: 0.267 kg/m  
AP/PP: 100.00 mm



**MA3147  
TRANSOM**  
MASS: 1.775 kg/m  
AP/PP: 372.39 mm



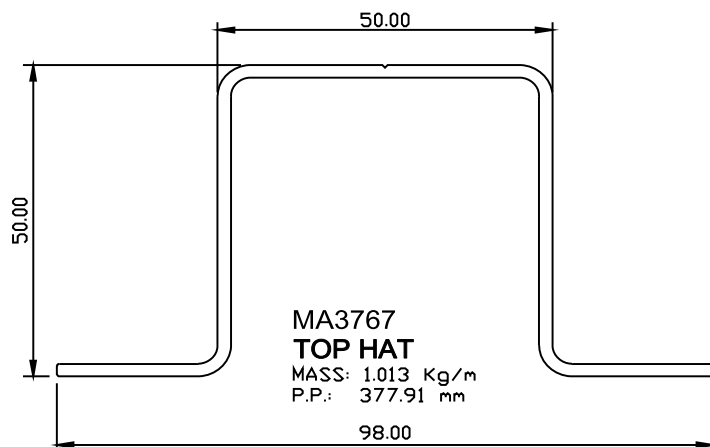
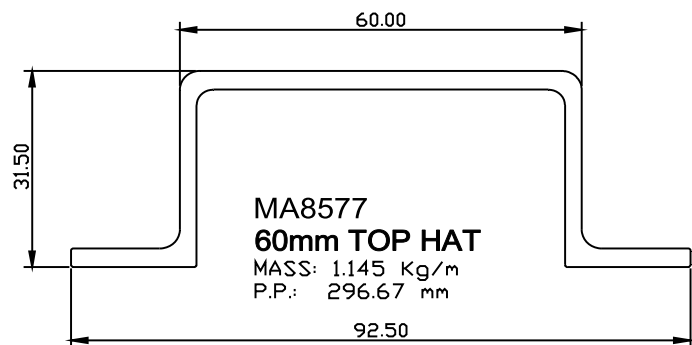
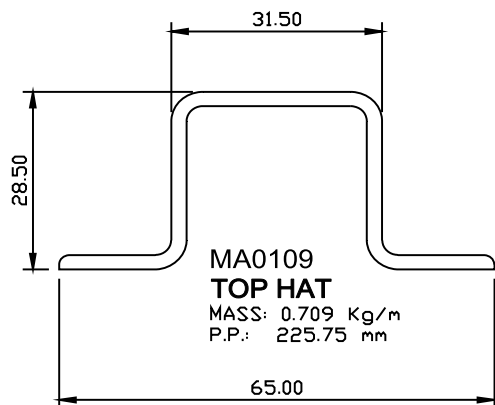
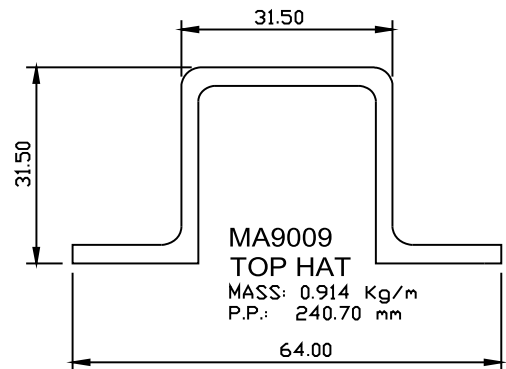
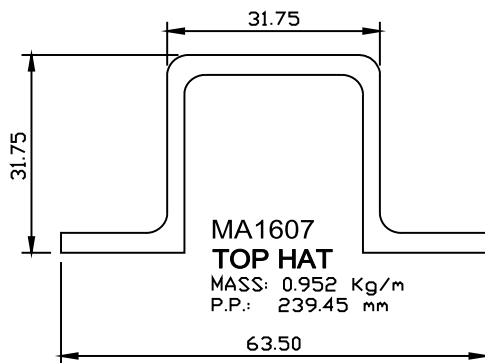
**MA9367  
WINDSCREEN MOULD**  
MASS: 0.332 Kg/m  
P.P.: 100 mm



**MA6557  
TRANSOM**  
MASS: 1.715 Kg/m  
P.P.: 416.33 mm

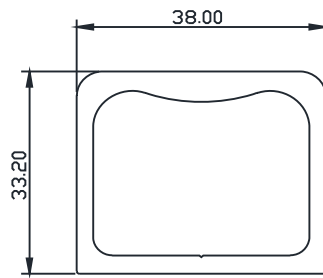
## SPECIALISED PRODUCTS

### Marine

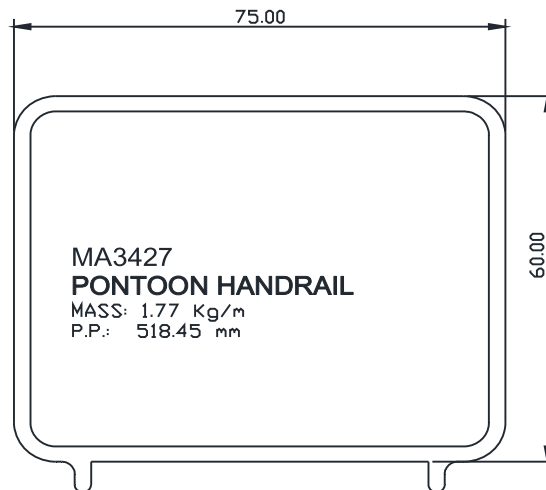


## SPECIALISED PRODUCTS

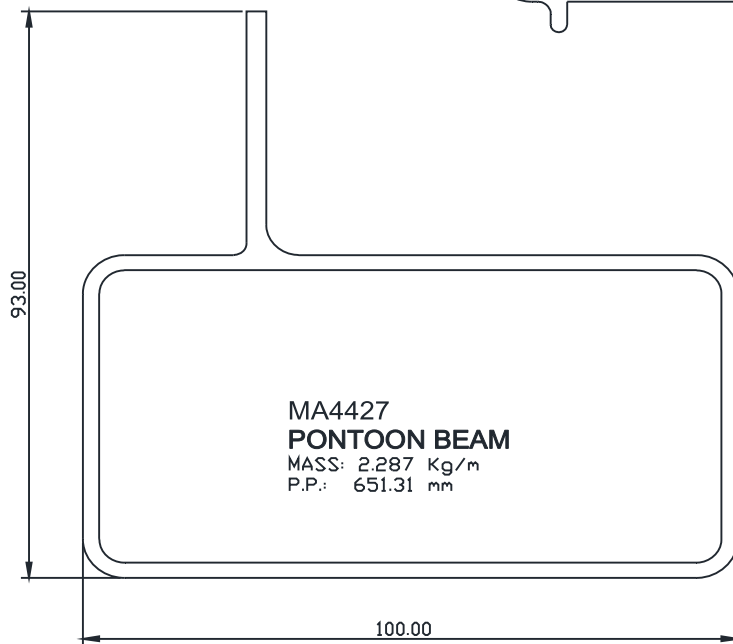
### Marine



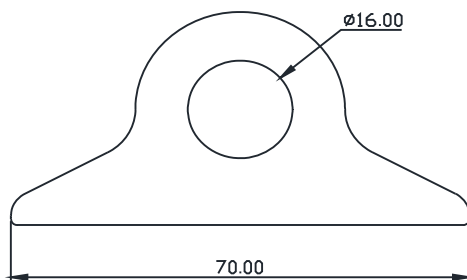
**MA3447  
BOX RIB**  
MASS: 1.100 Kg/m  
P.P.: 138.62 mm



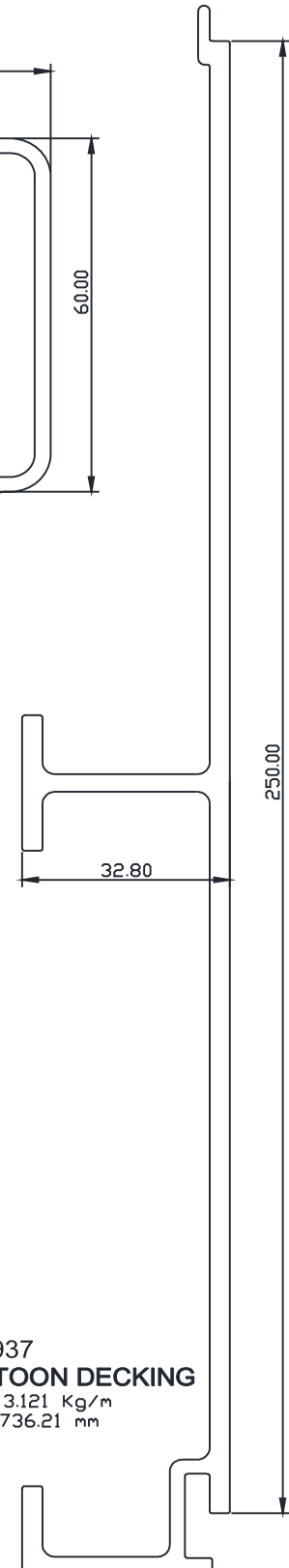
**MA3427  
PONTOON HANDRAIL**  
MASS: 1.77 Kg/m  
P.P.: 518.45 mm



**MA4427  
PONTOON BEAM**  
MASS: 2.287 Kg/m  
P.P.: 651.31 mm



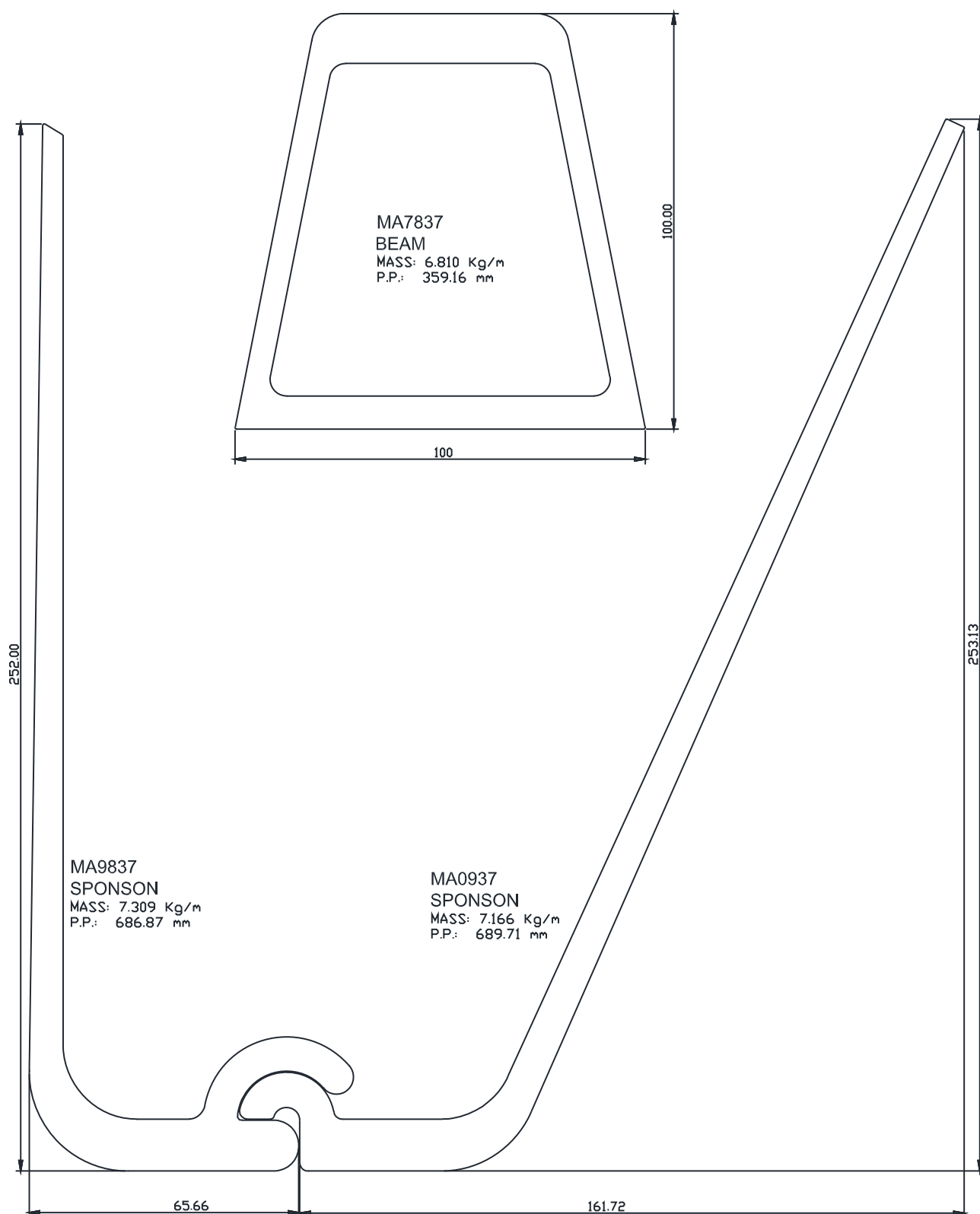
**MA6407  
OAR ROWLOCK**  
MASS: 3.145 kg/m  
AP/PP: 177.29 mm



**MA1937  
PONTOON DECKING**  
MASS: 3.121 Kg/m  
P.P.: 736.21 mm

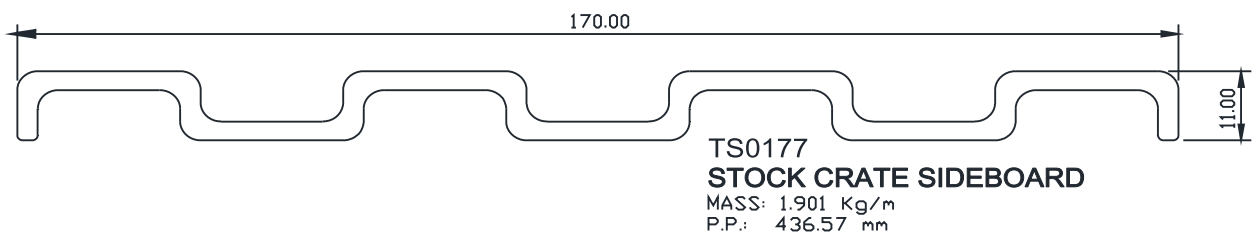
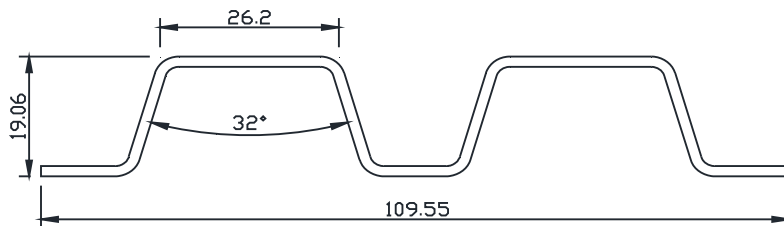
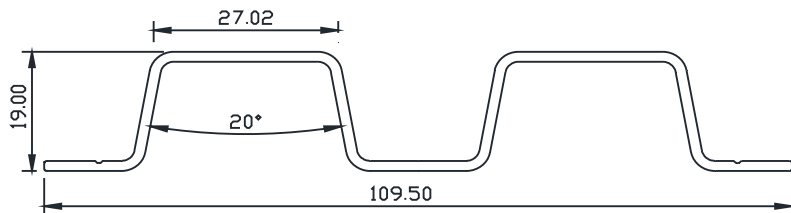
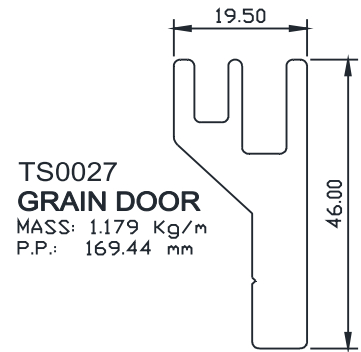
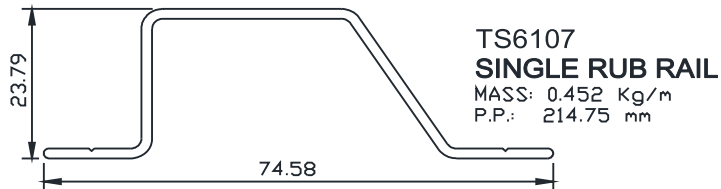
## SPECIALISED PRODUCTS

### Marine



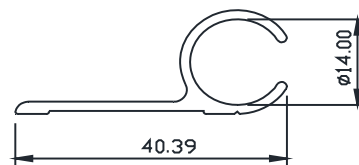
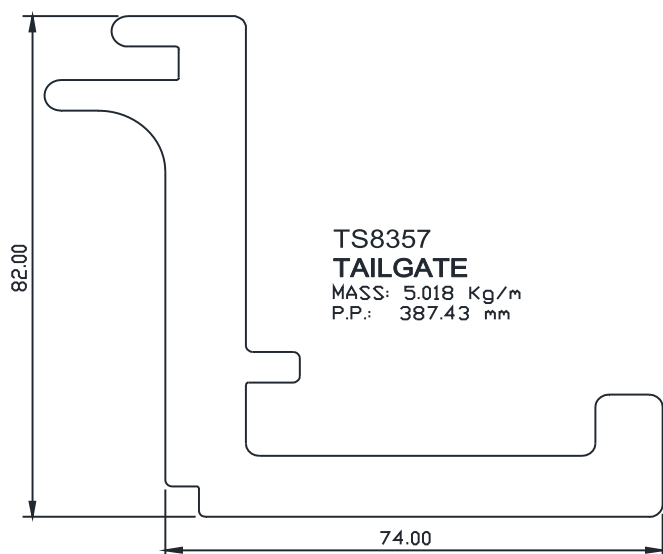
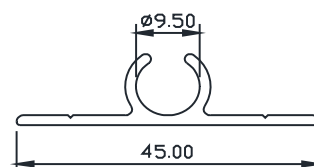
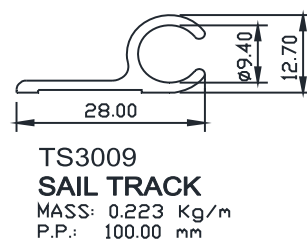
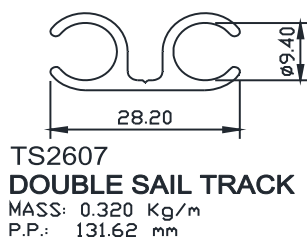
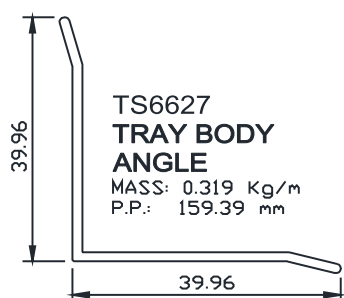
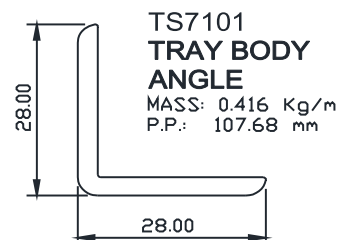
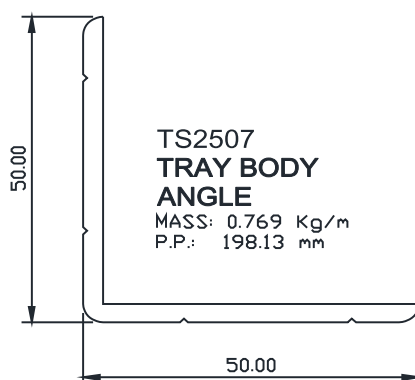
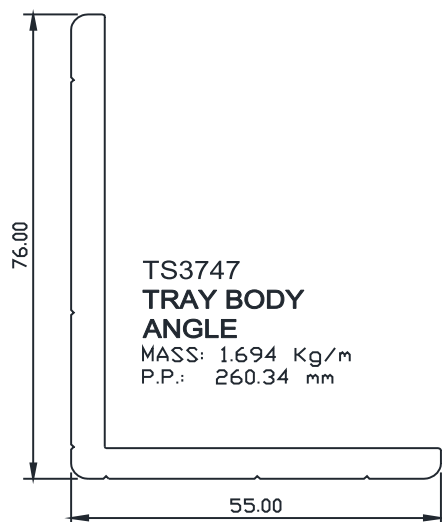
## SPECIALISED PRODUCTS

### Transport



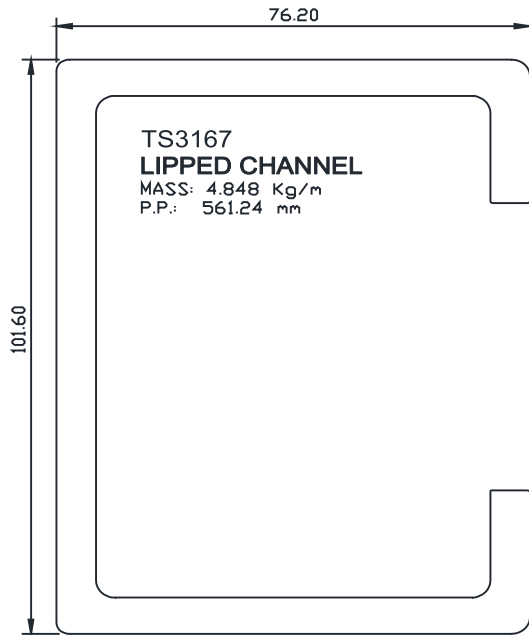
## SPECIALISED PRODUCTS

### Transport

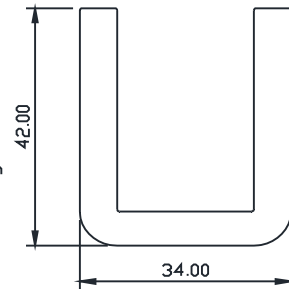


## SPECIALISED PRODUCTS

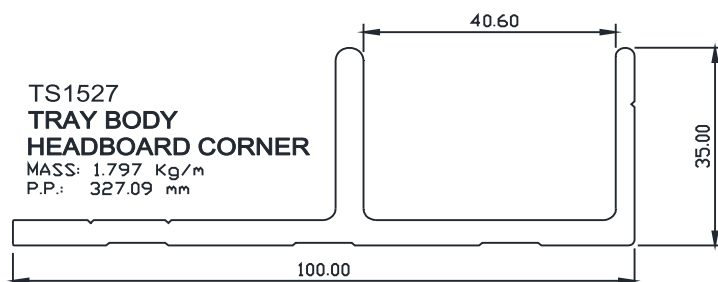
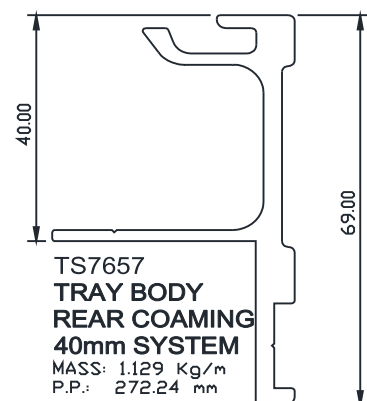
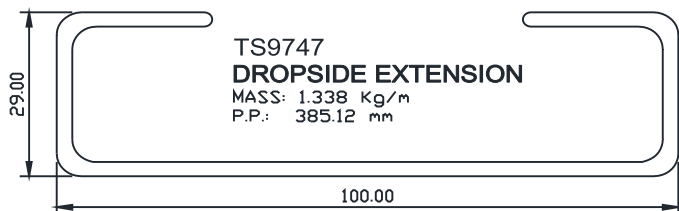
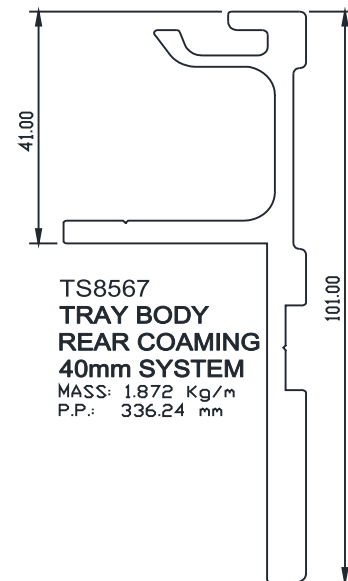
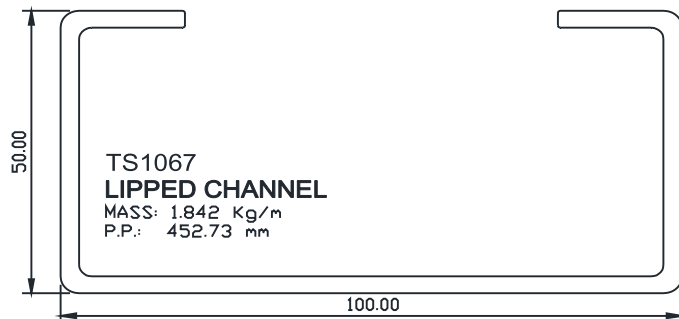
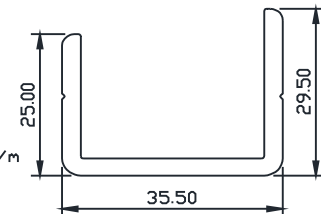
### Transport



**TS1467  
TRAY BODY  
CHANNEL**  
MASS: 1.682 Kg/m  
P.P.: 217.82 mm



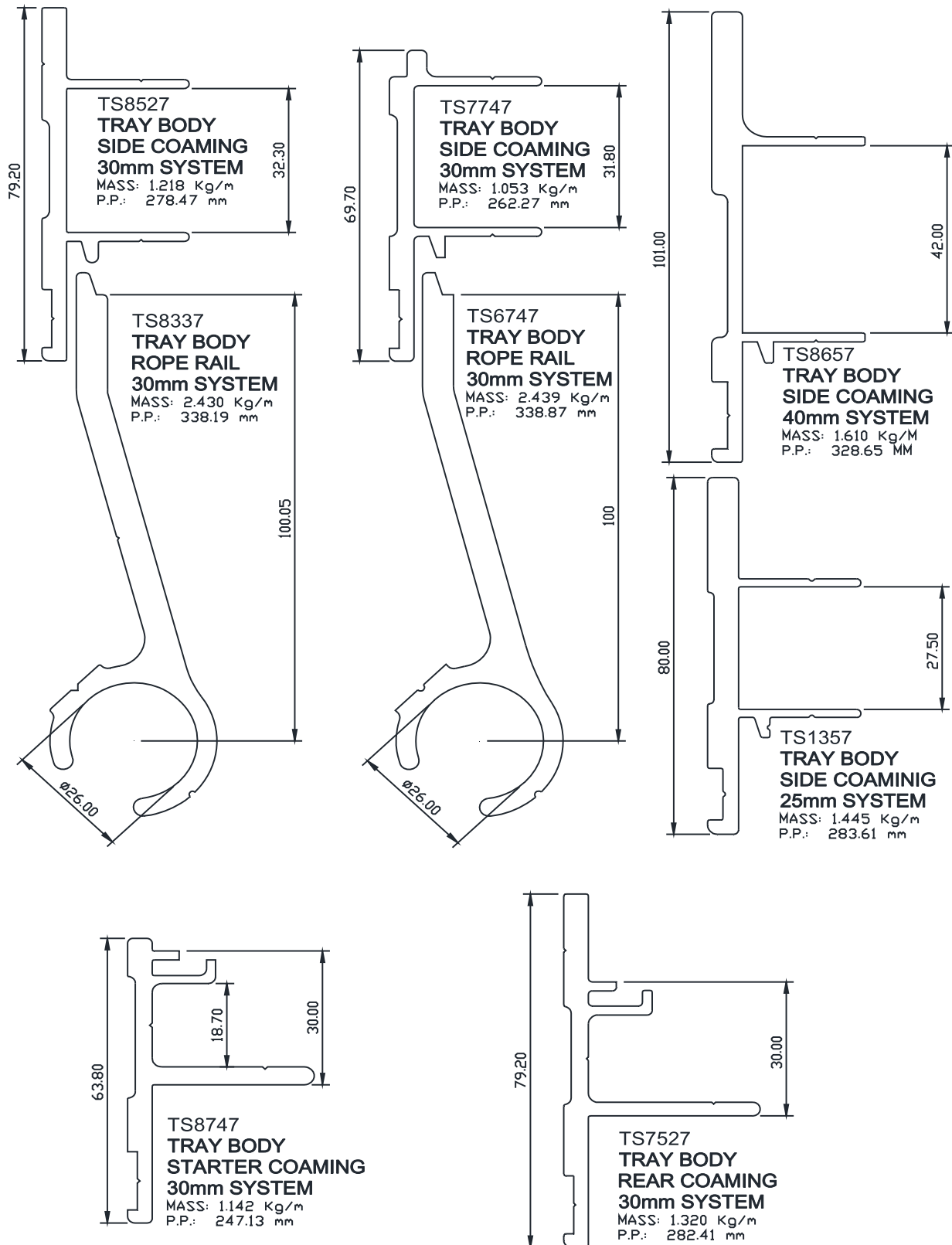
**TS0847  
TRAY BODY  
CHANNEL**  
MASS: 0.666 Kg/m  
P.P.: 170.36 mm





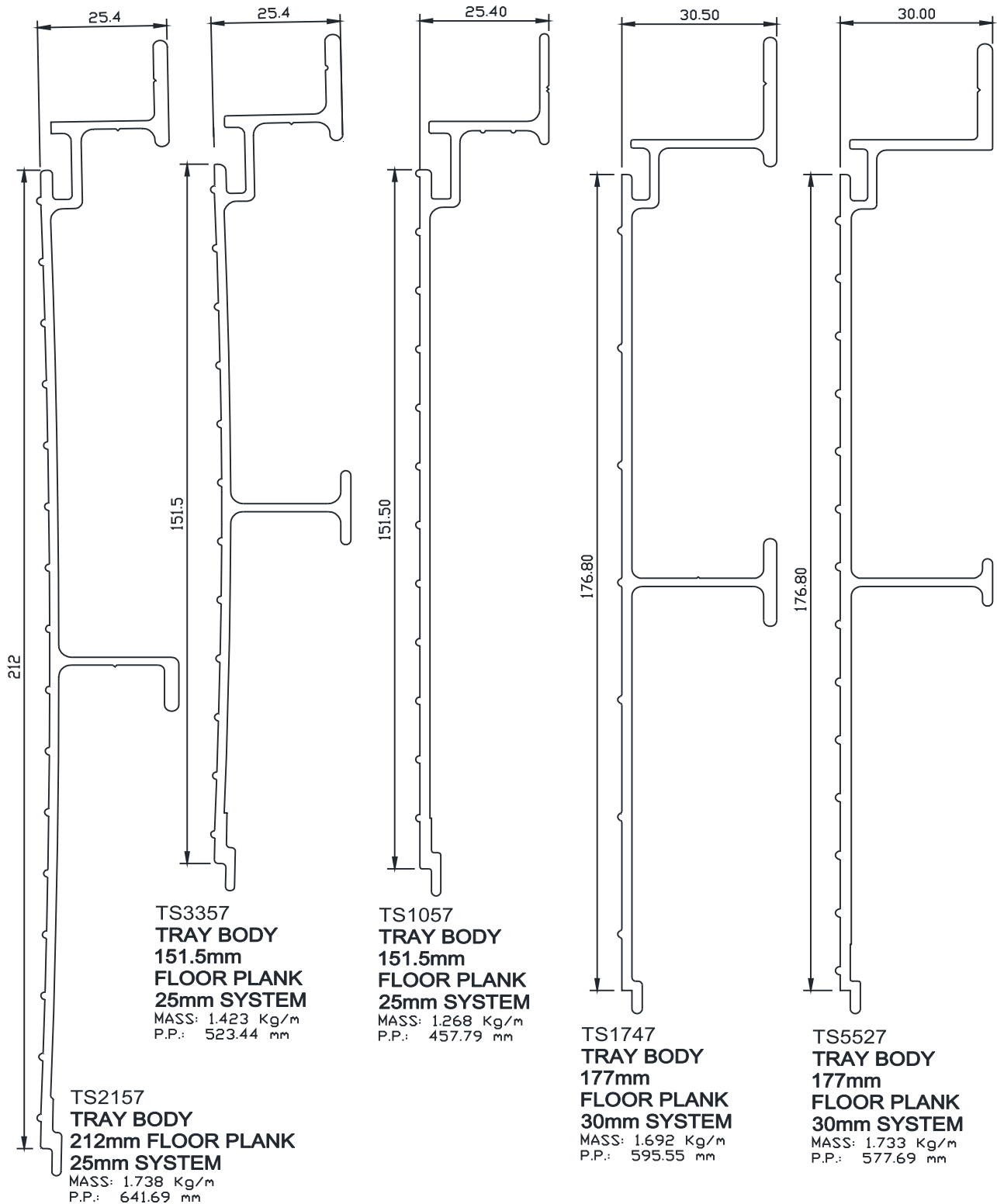
## SPECIALISED PRODUCTS

### Transport



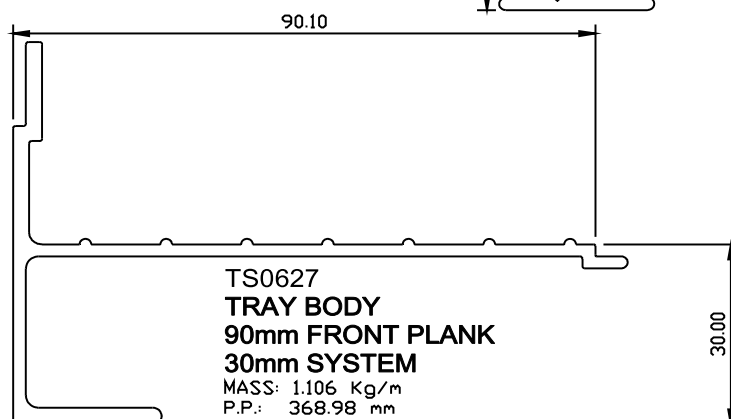
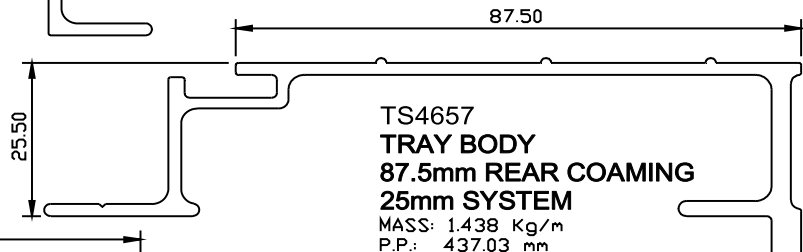
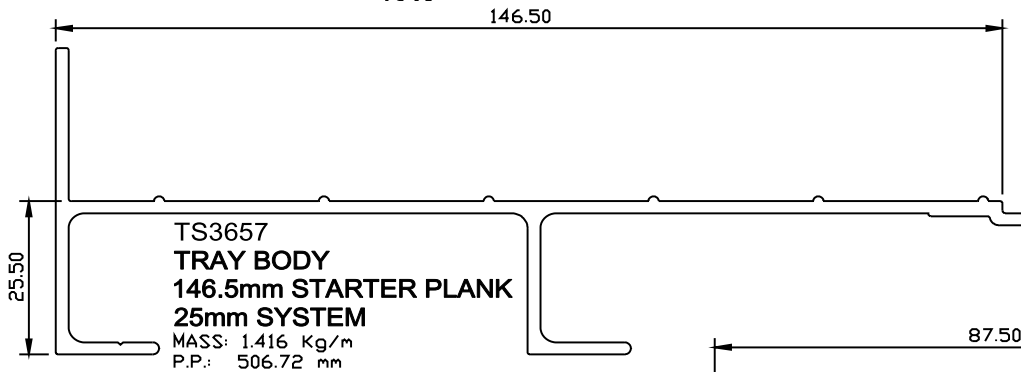
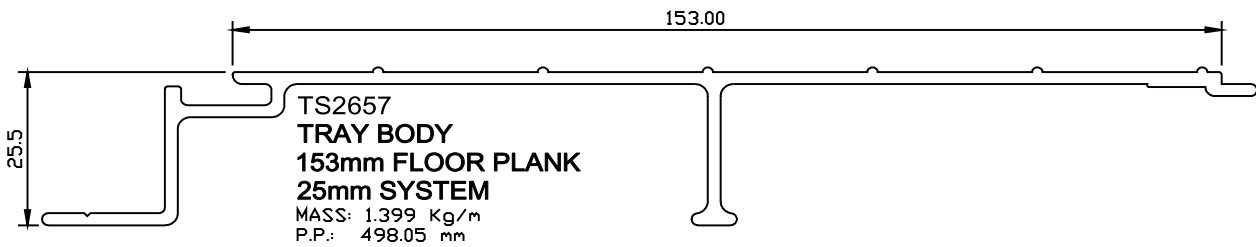
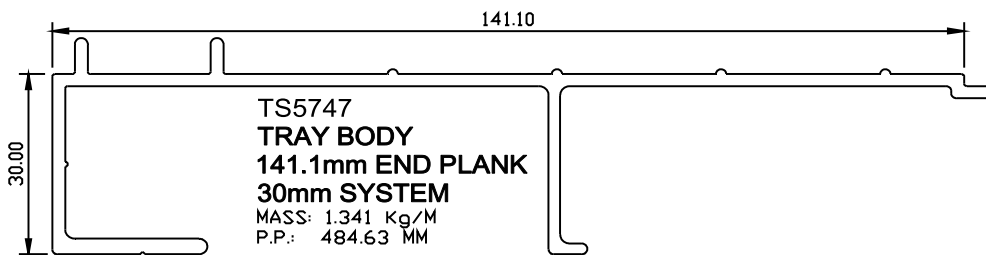
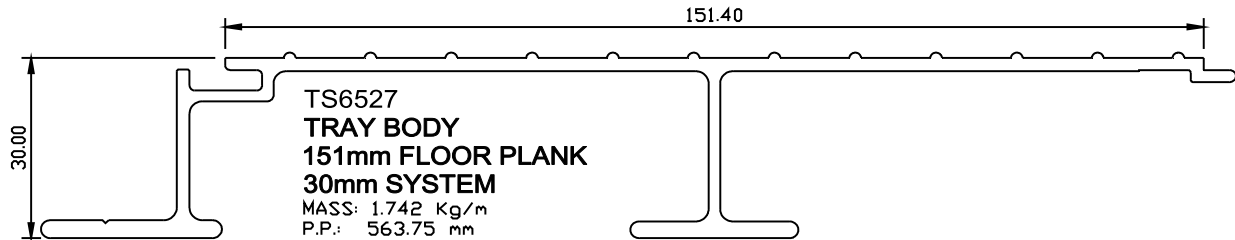
## SPECIALISED PRODUCTS

### Transport



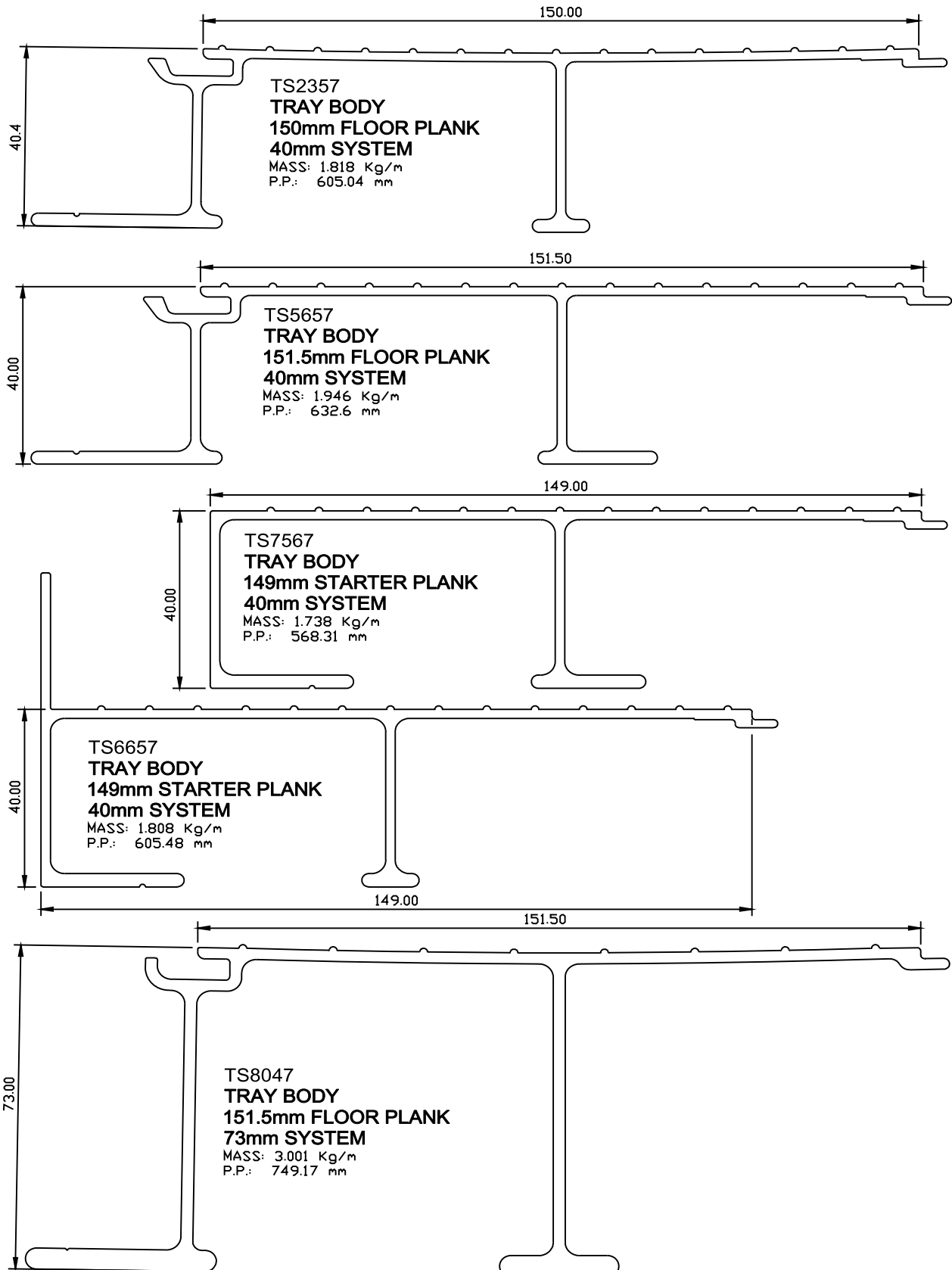
## SPECIALISED PRODUCTS

### Transport



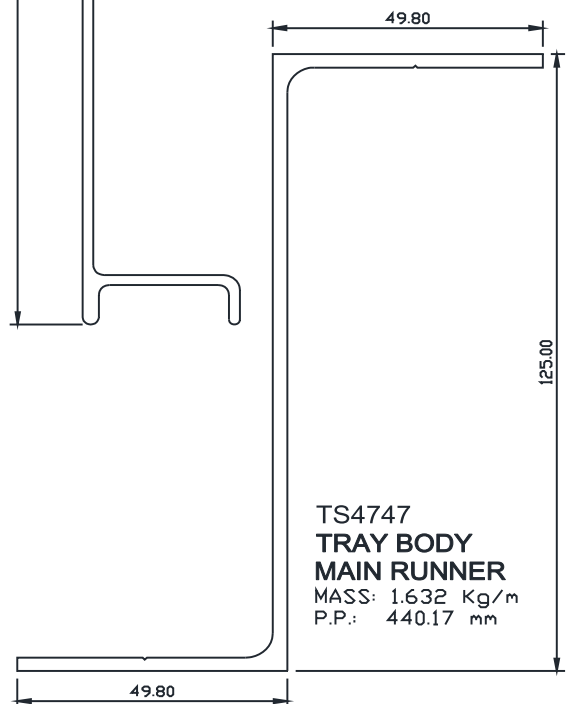
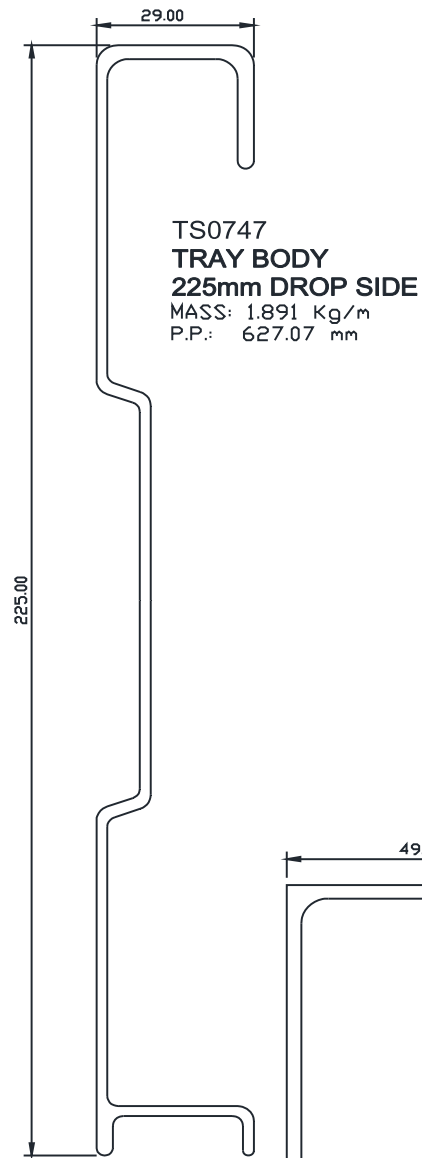
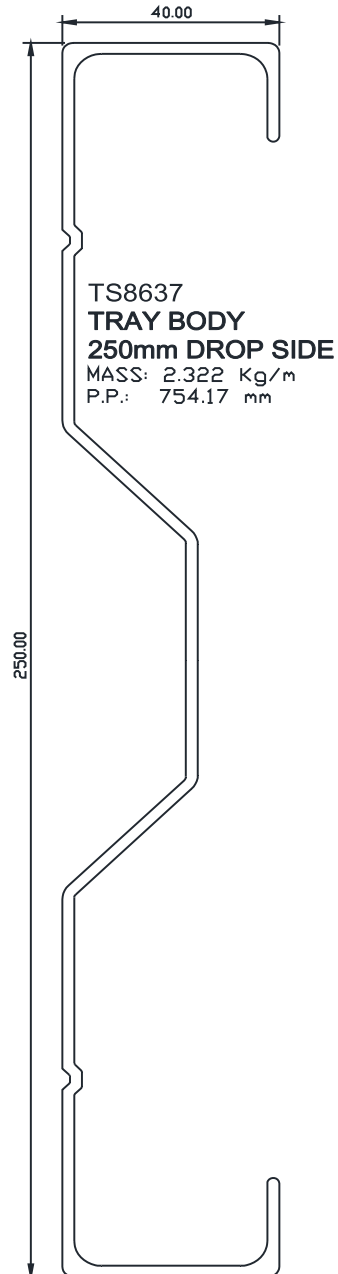
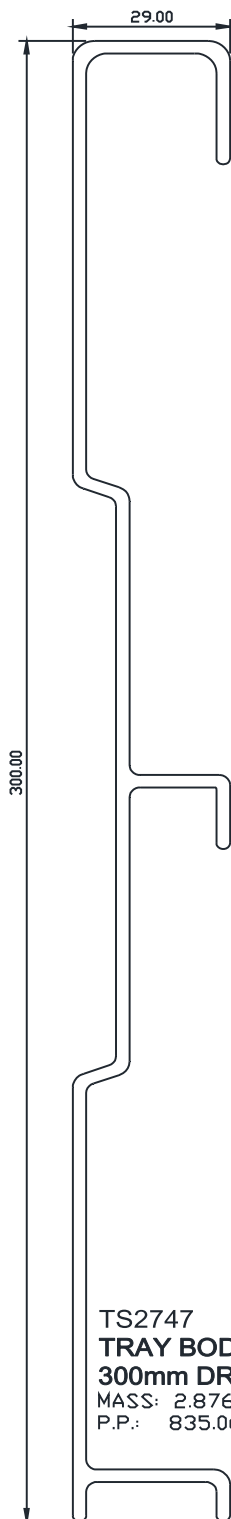
## SPECIALISED PRODUCTS

### Transport



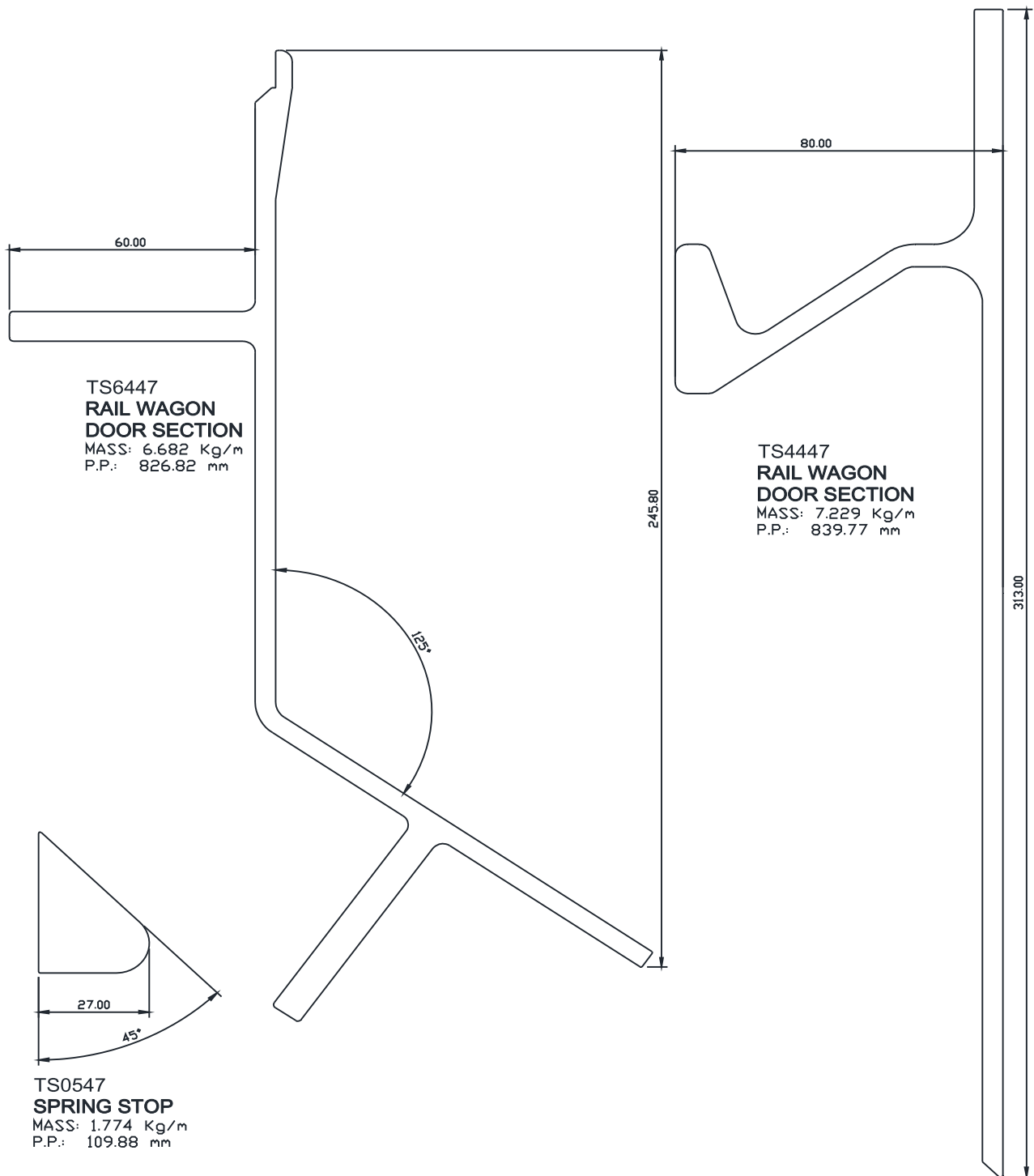
## SPECIALISED PRODUCTS

### Transport



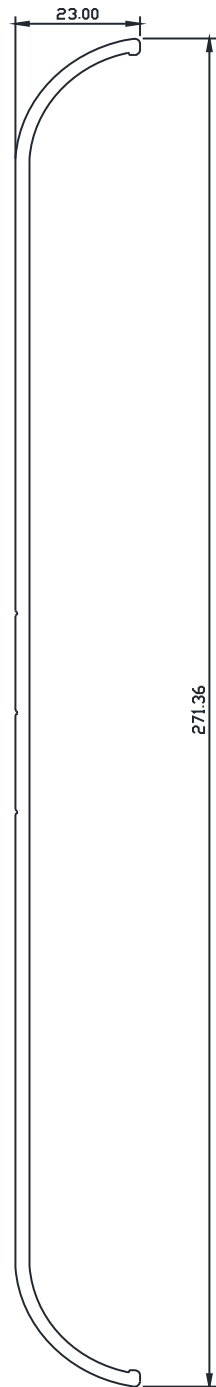
## SPECIALISED PRODUCTS

### Transport

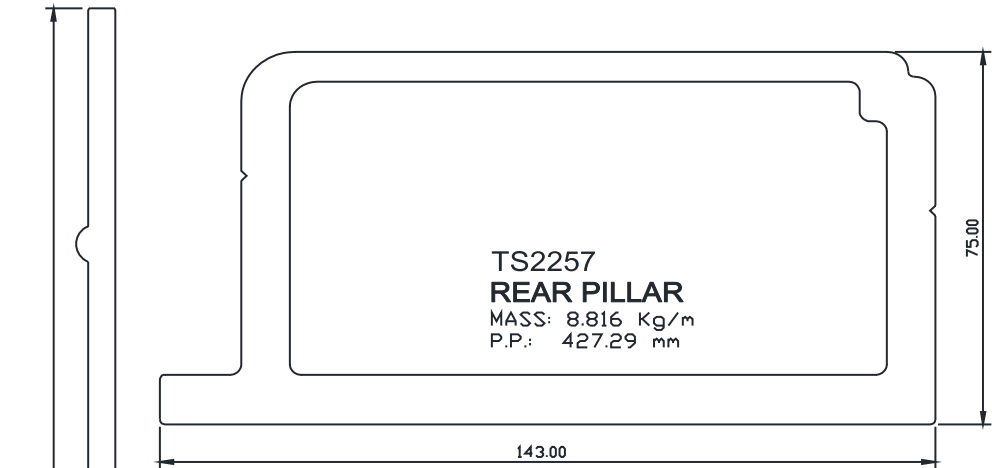


## SPECIALISED PRODUCTS

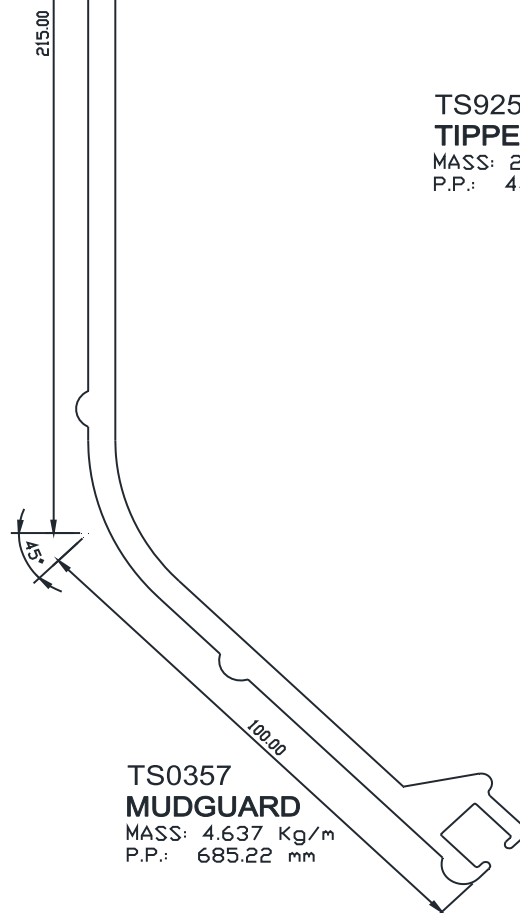
### Transport



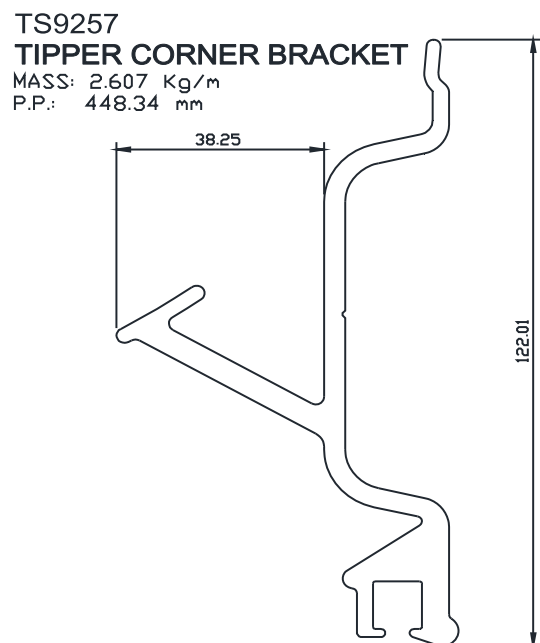
**TS7257  
MUDGUARD**  
MASS: 2.057 Kg/M  
P.P.: 589.23 MM



**TS2257  
REAR PILLAR**  
MASS: 8.816 Kg/m  
P.P.: 427.29 mm



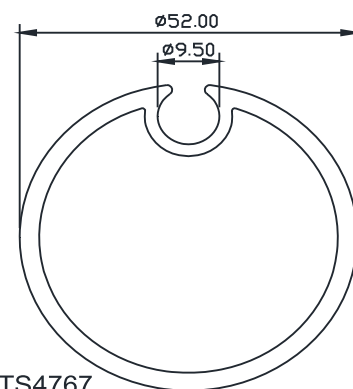
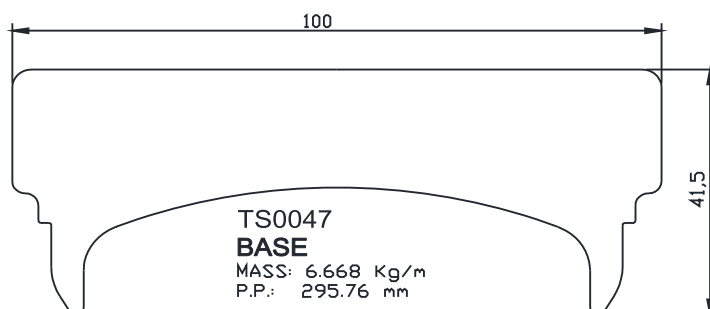
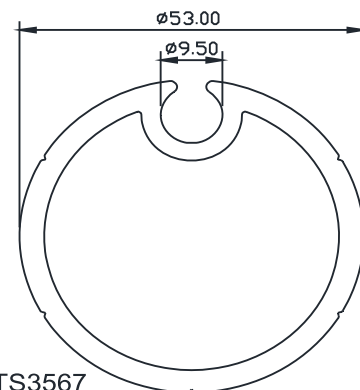
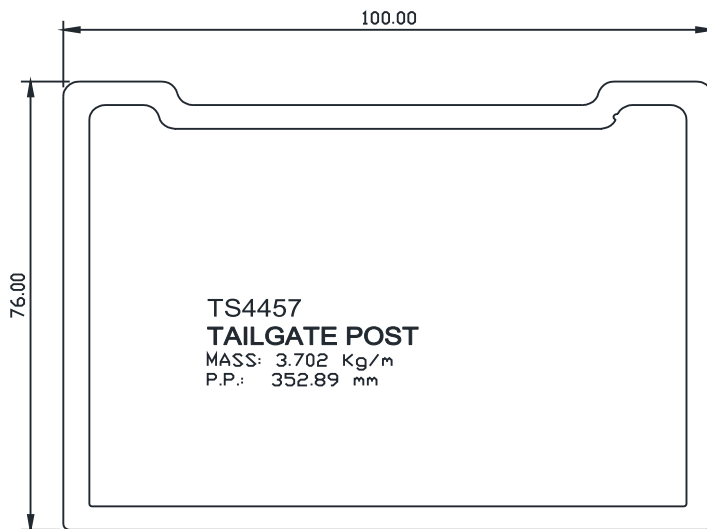
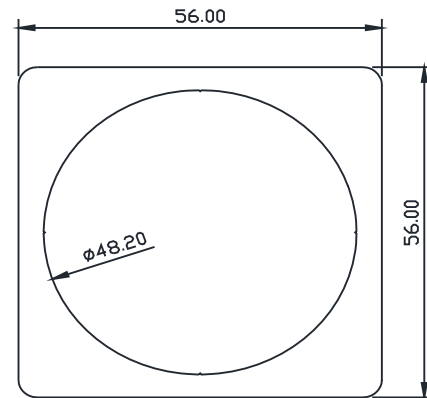
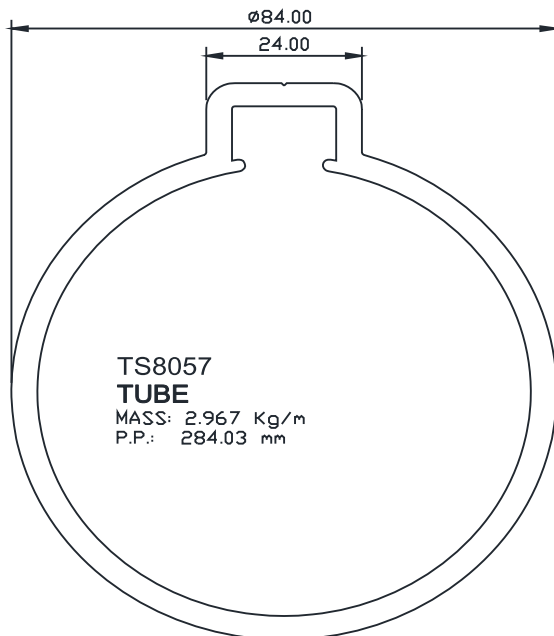
**TS0357  
MUDGUARD**  
MASS: 4.637 Kg/m  
P.P.: 685.22 mm



**TS9257  
TIPPER CORNER BRACKET**  
MASS: 2.607 Kg/m  
P.P.: 448.34 mm

## SPECIALISED PRODUCTS

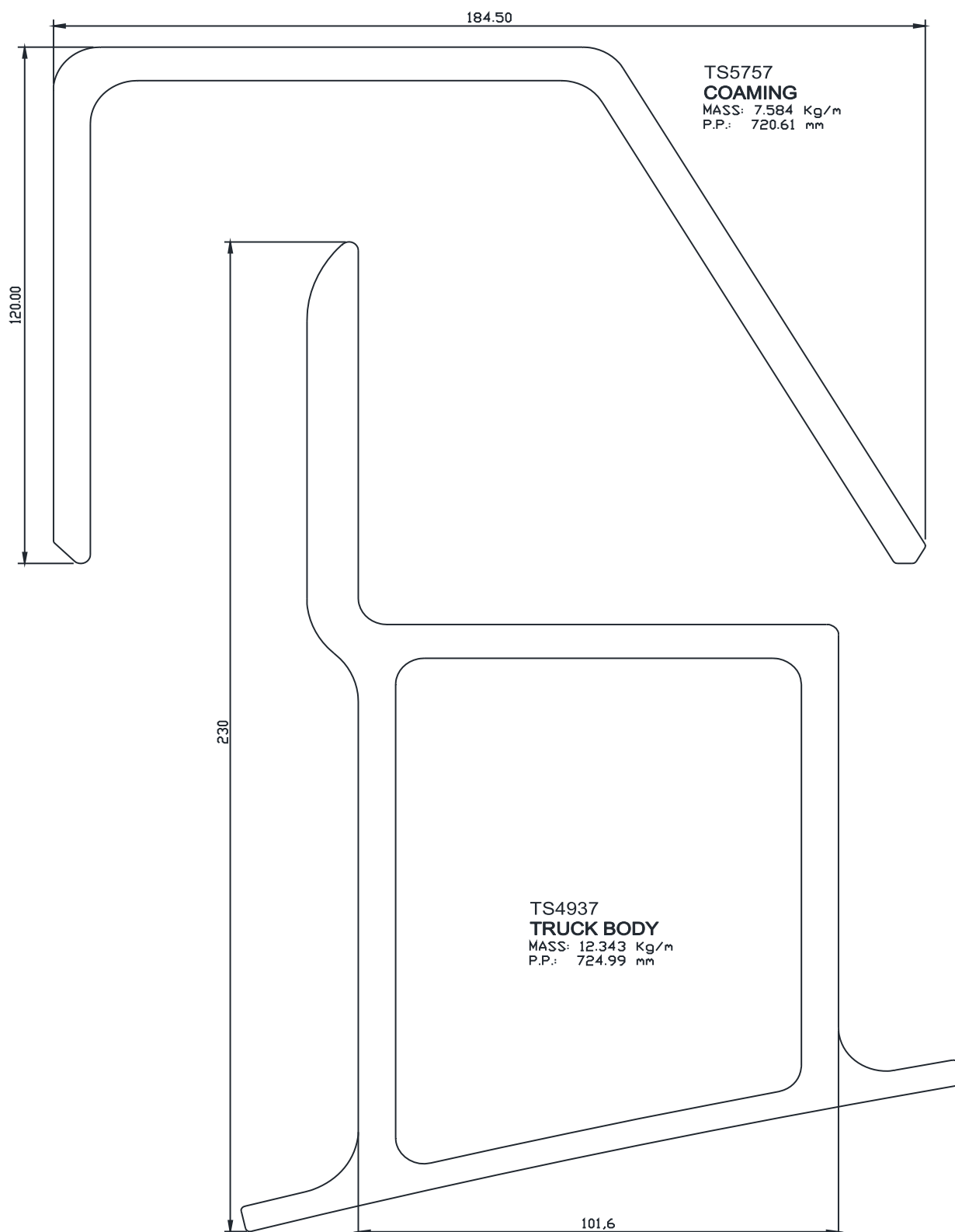
### Transport





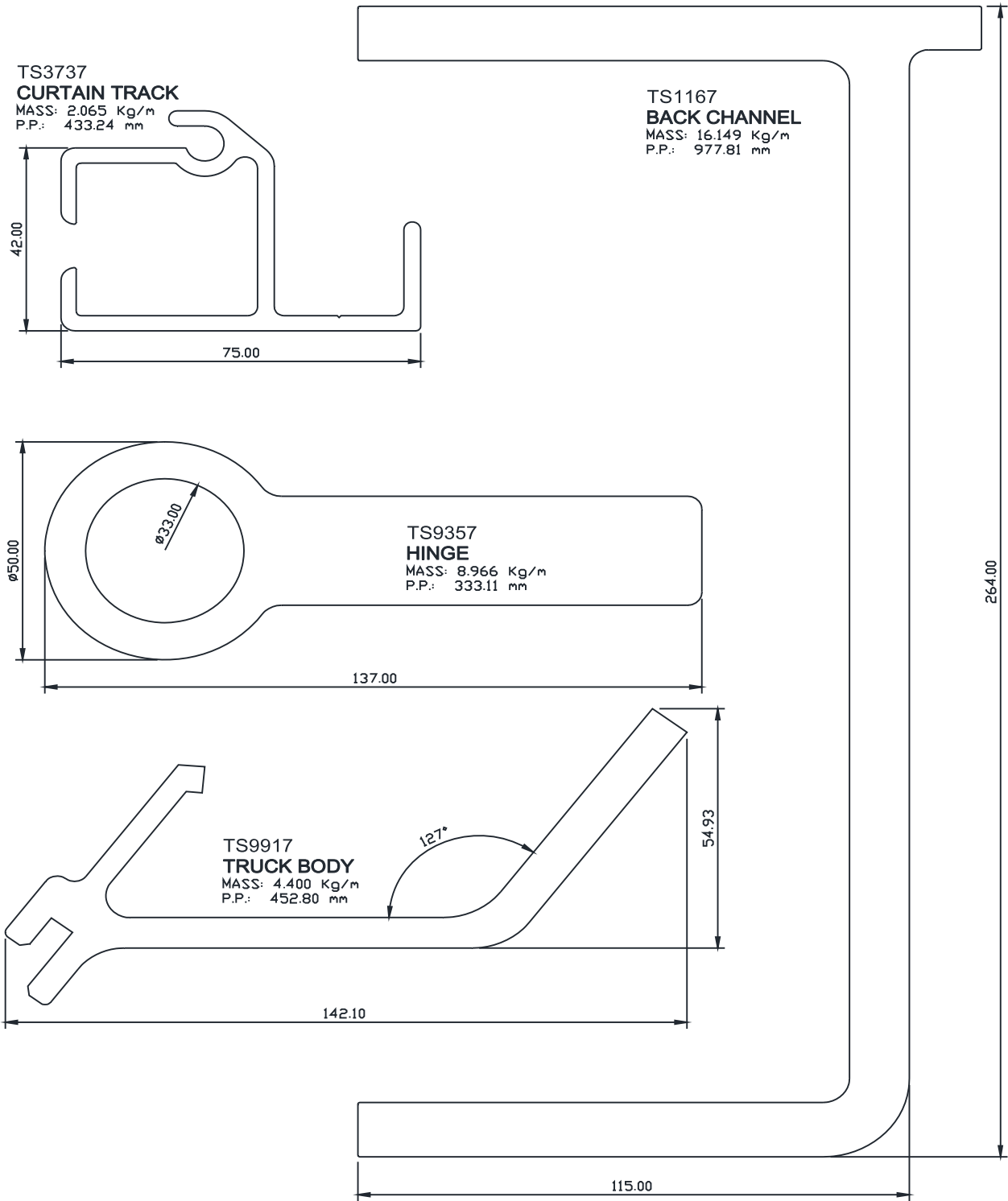
## SPECIALISED PRODUCTS

### Transport



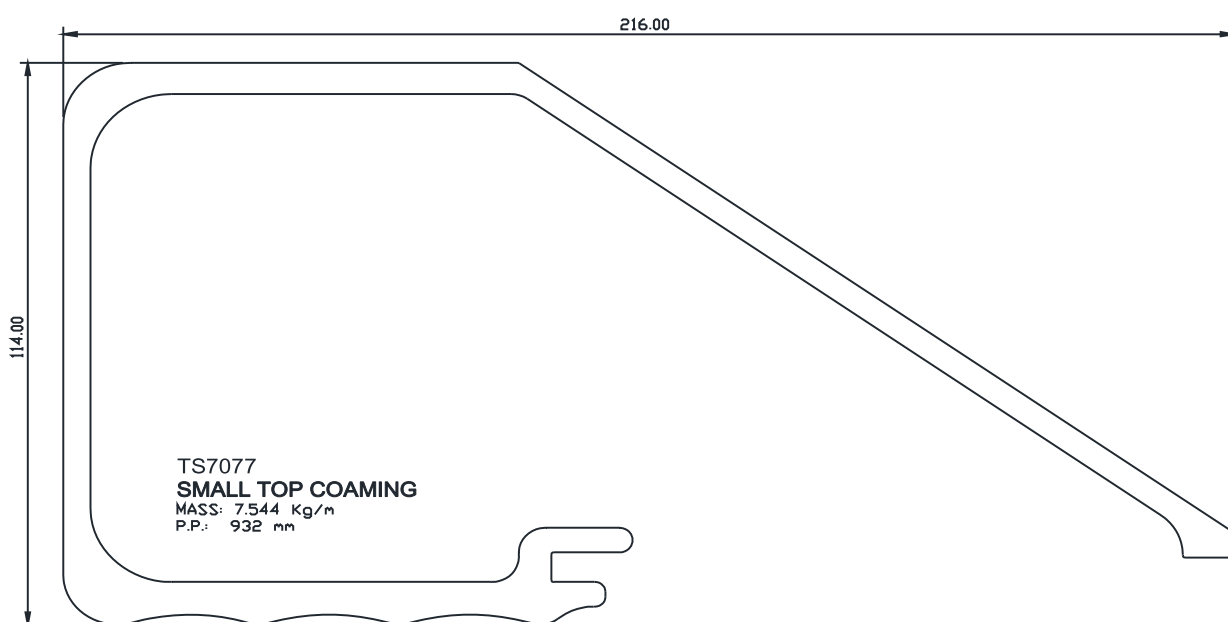
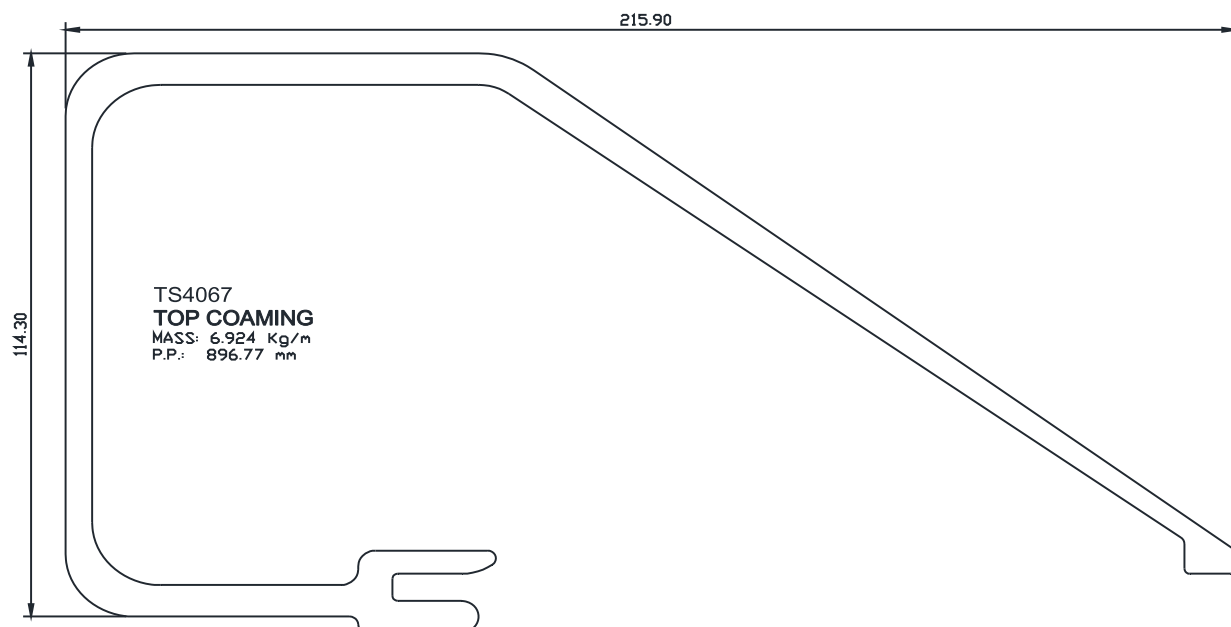
**SPECIALISED PRODUCTS**

**Transport**



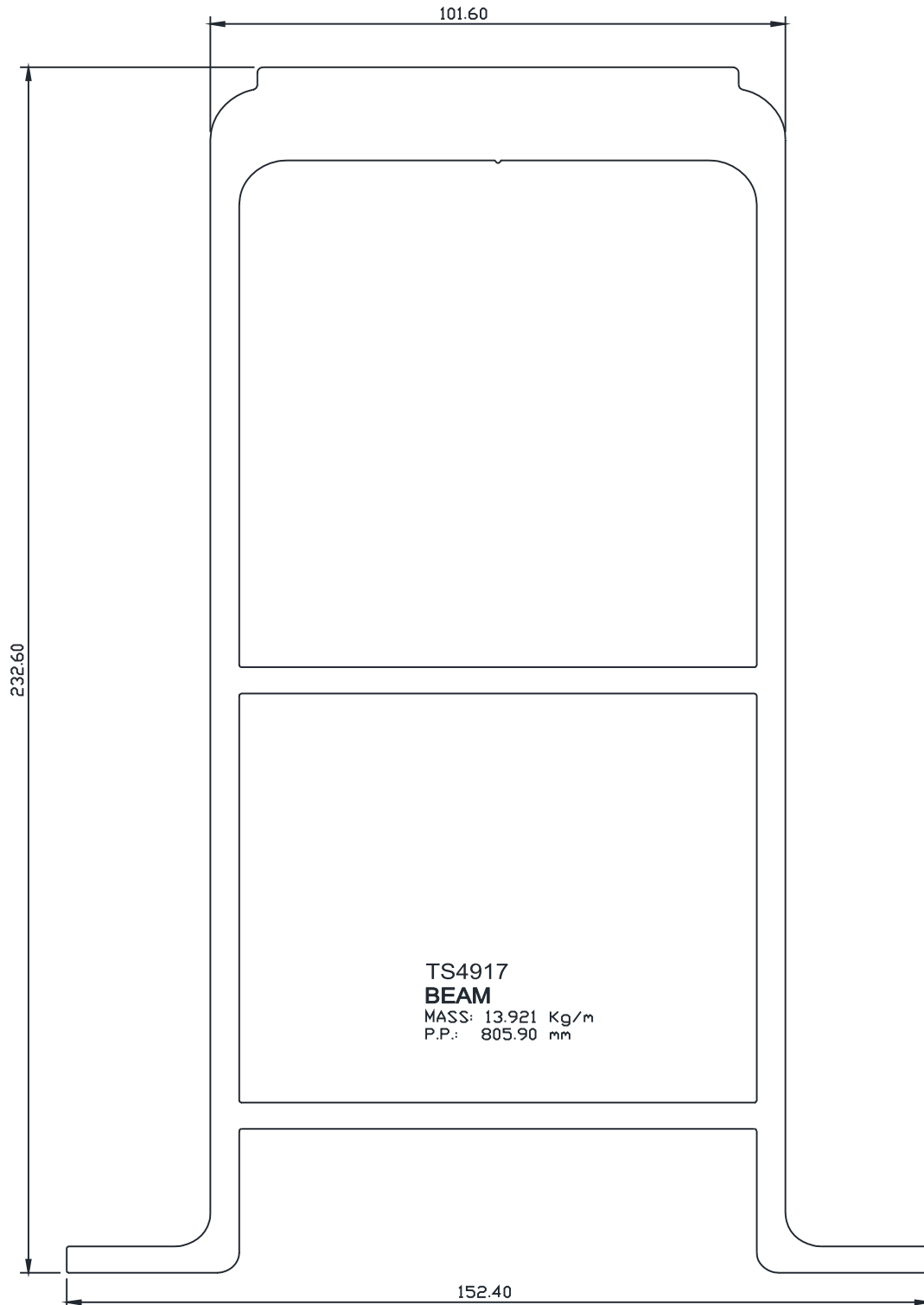
## SPECIALISED PRODUCTS

### Transport



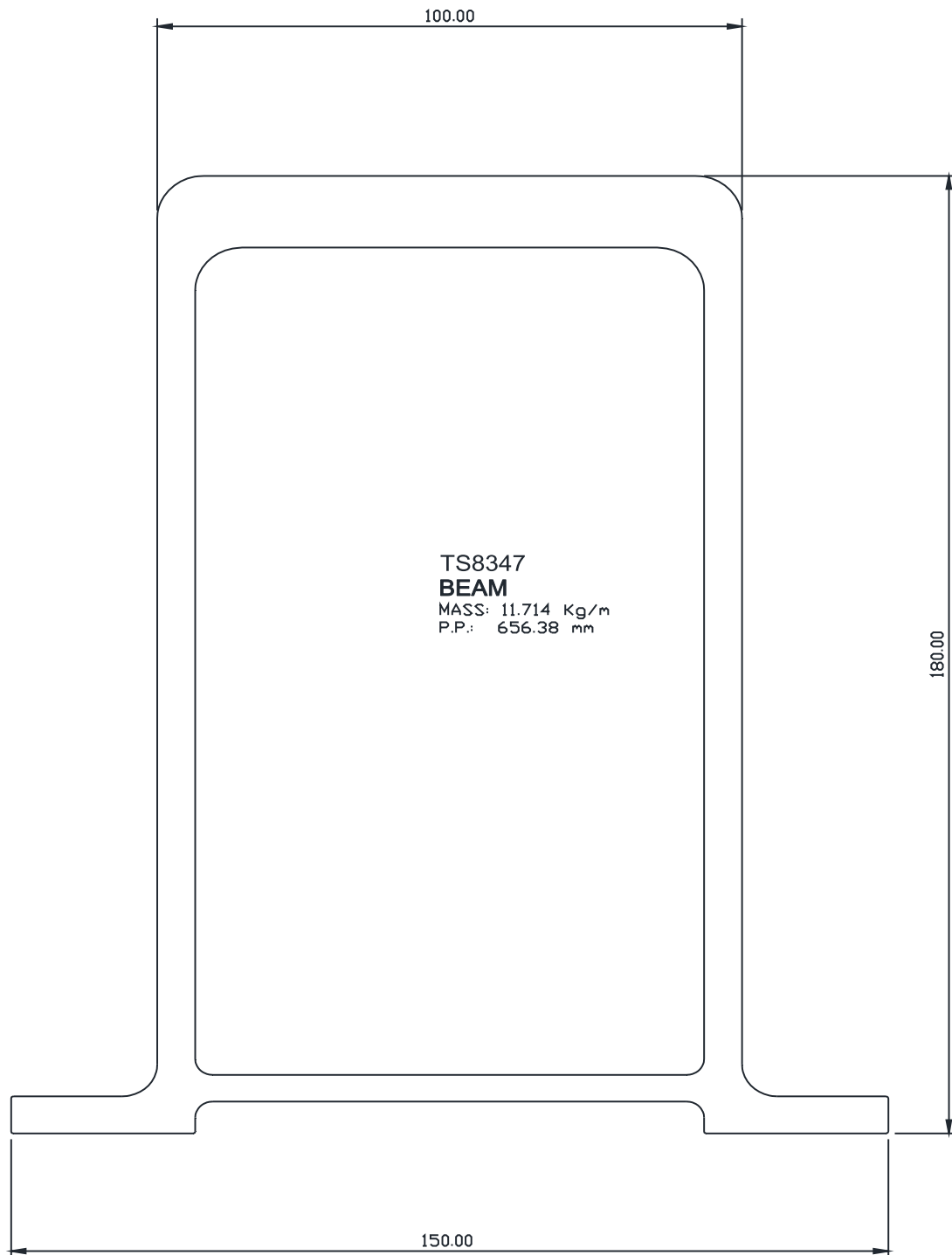
## SPECIALISED PRODUCTS

### Transport



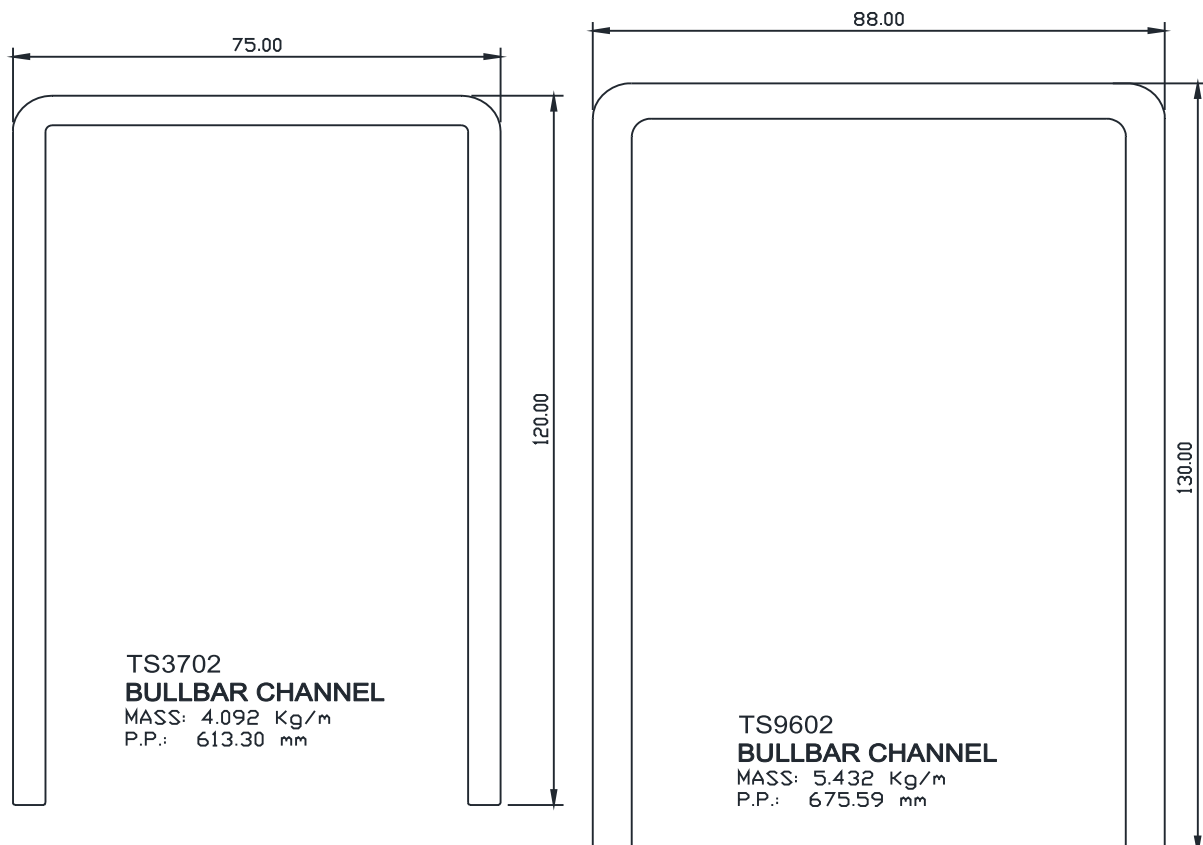
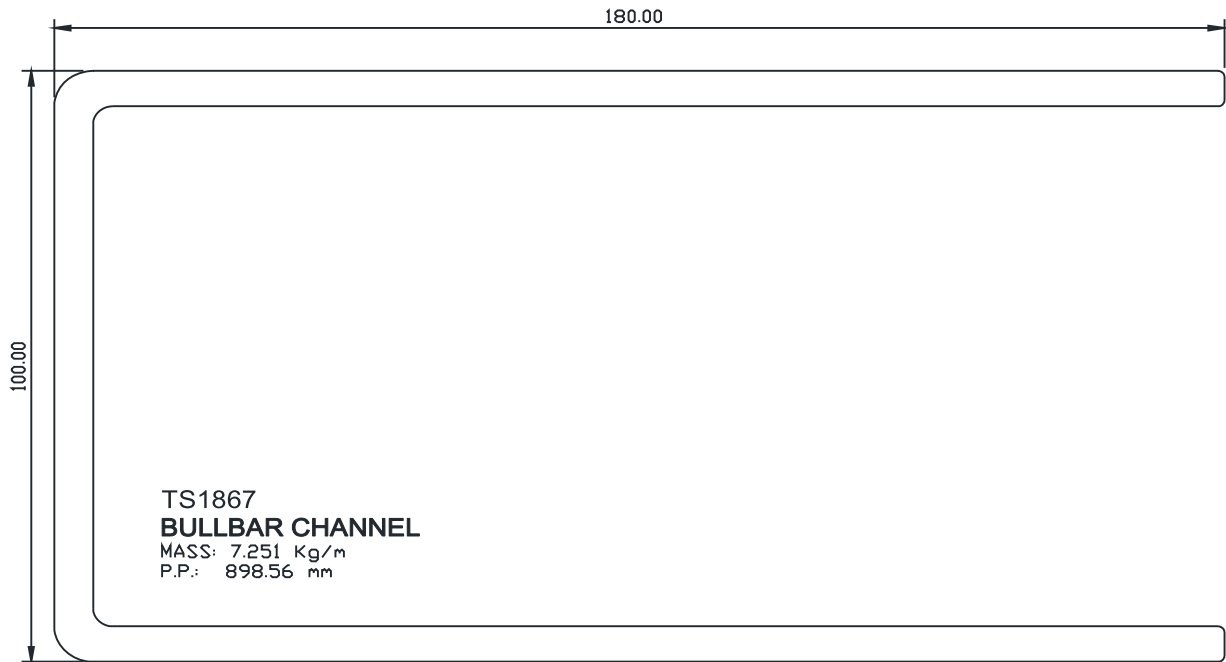
## SPECIALISED PRODUCTS

### Transport



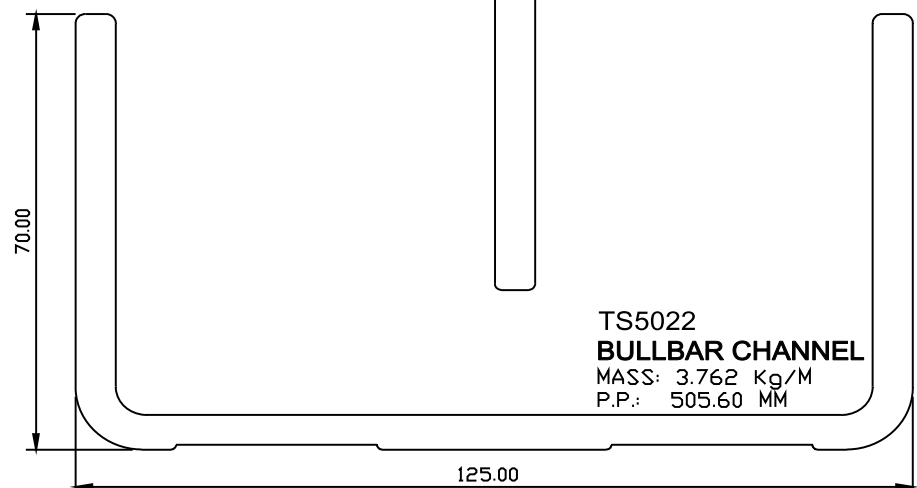
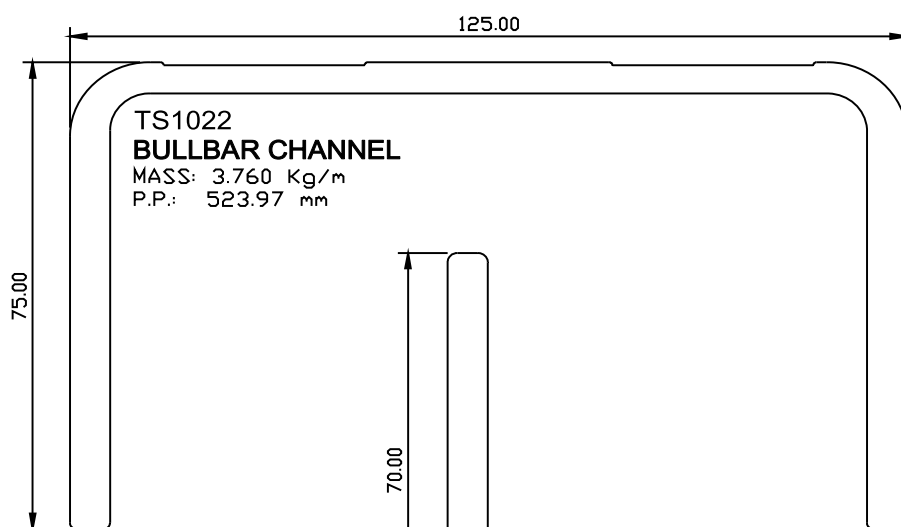
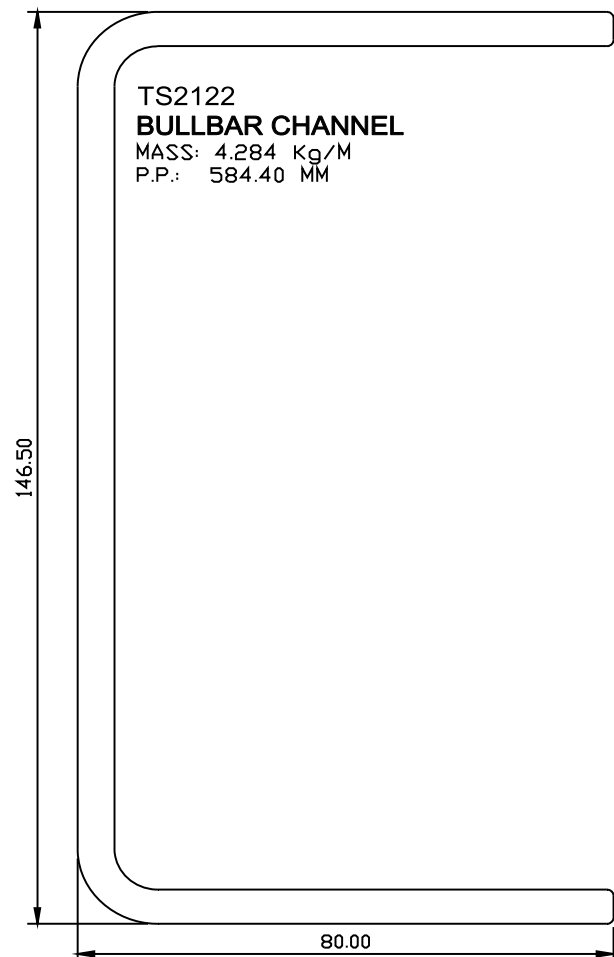
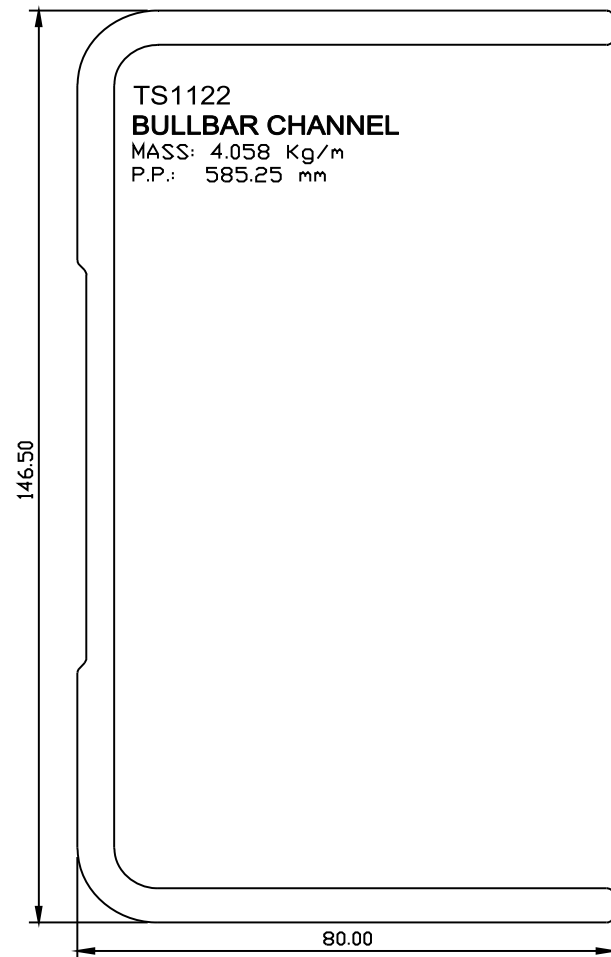
## SPECIALISED PRODUCTS

### Transport



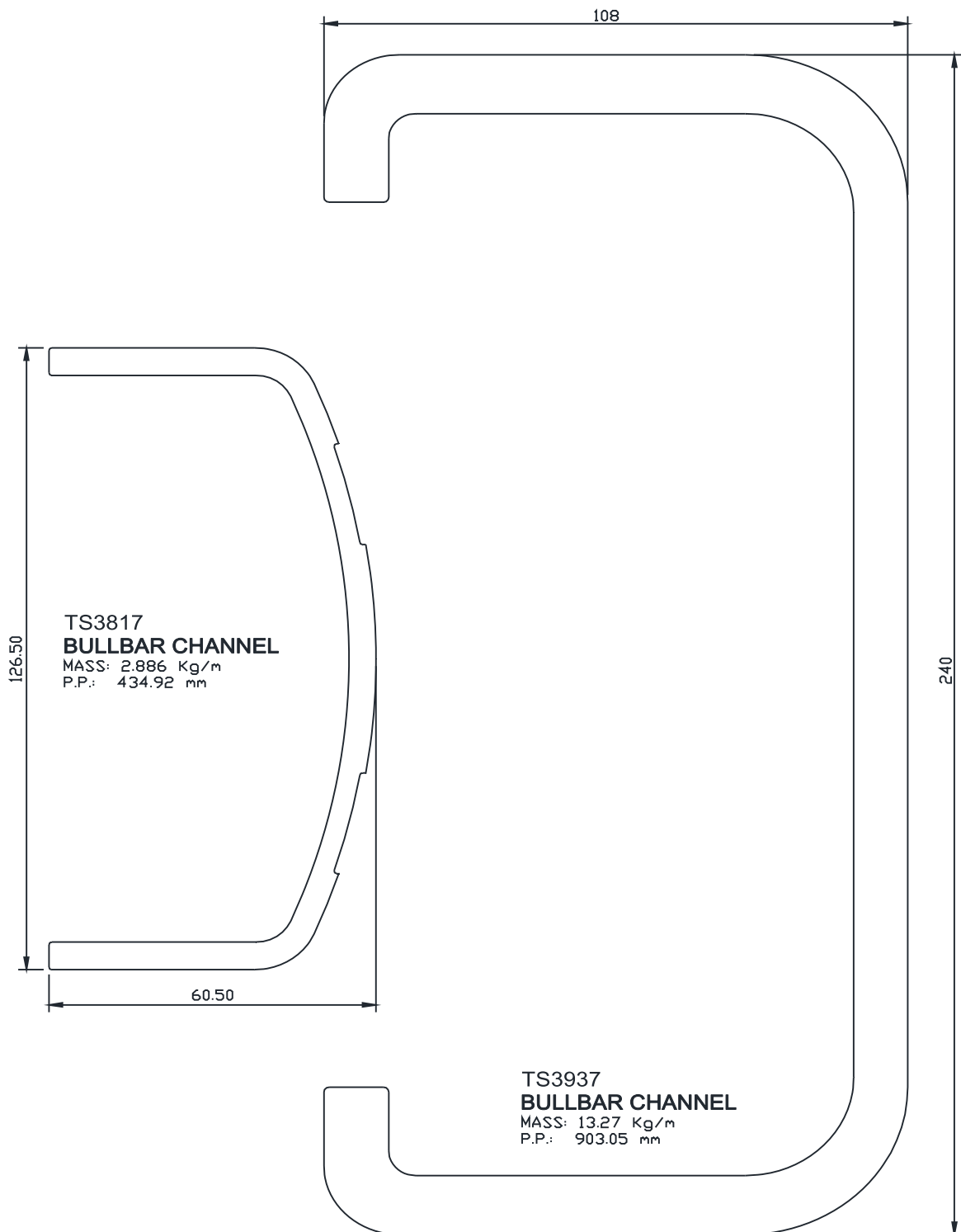
## SPECIALISED PRODUCTS

### Transport



## SPECIALISED PRODUCTS

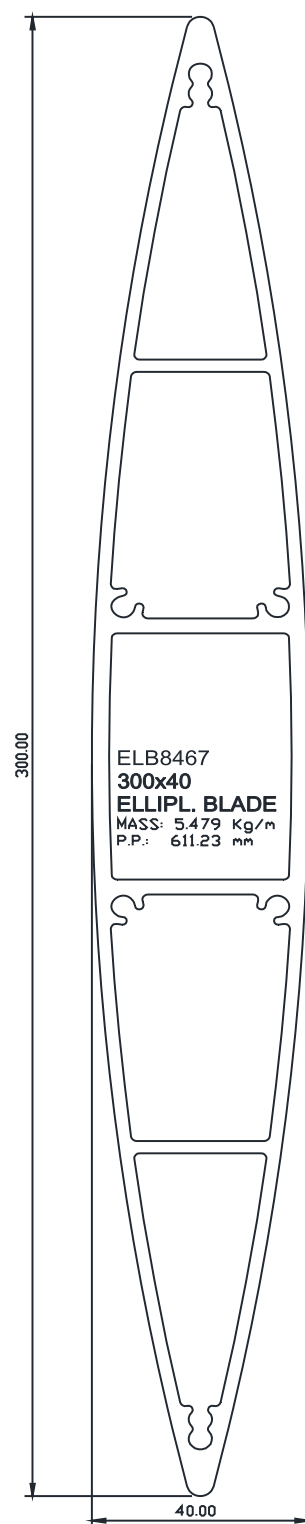
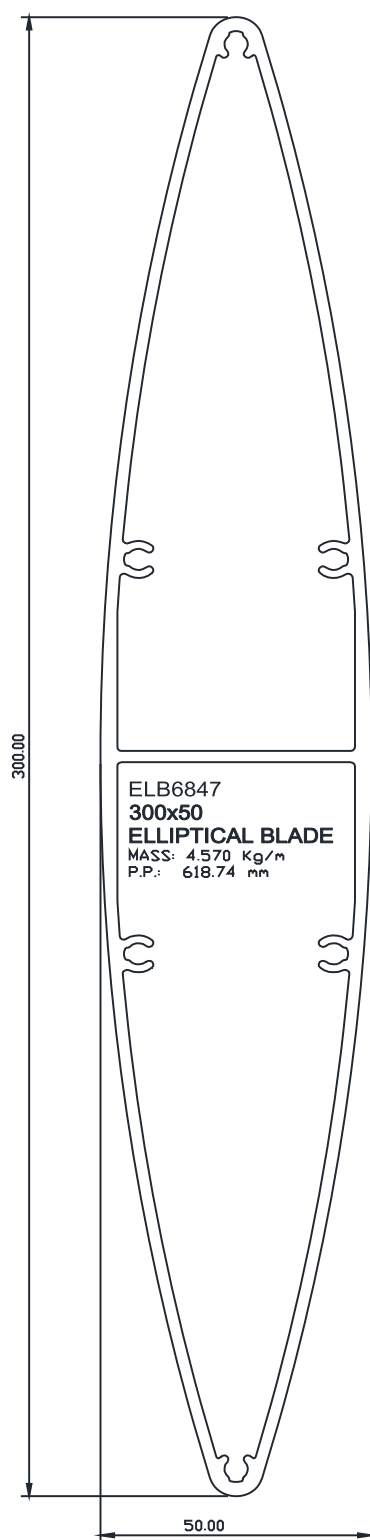
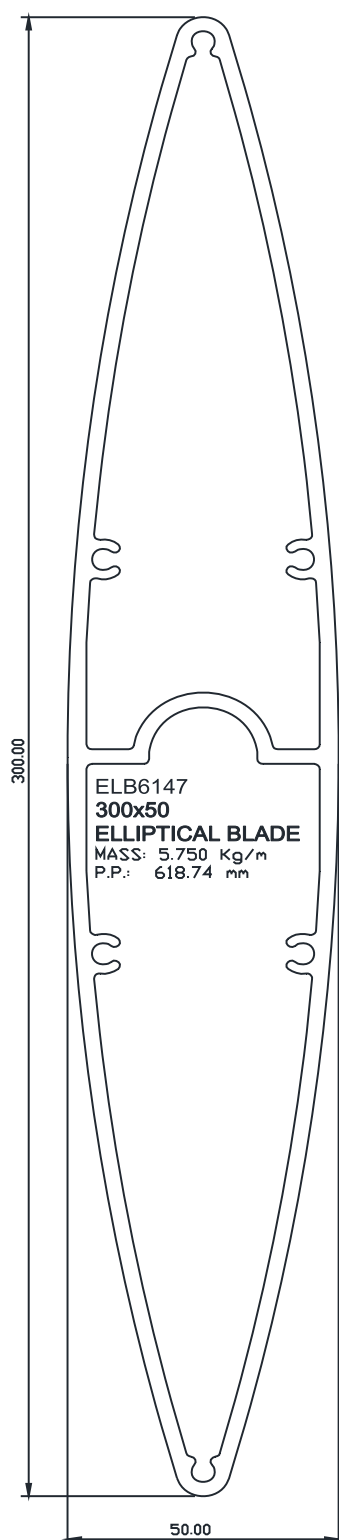
### Transport





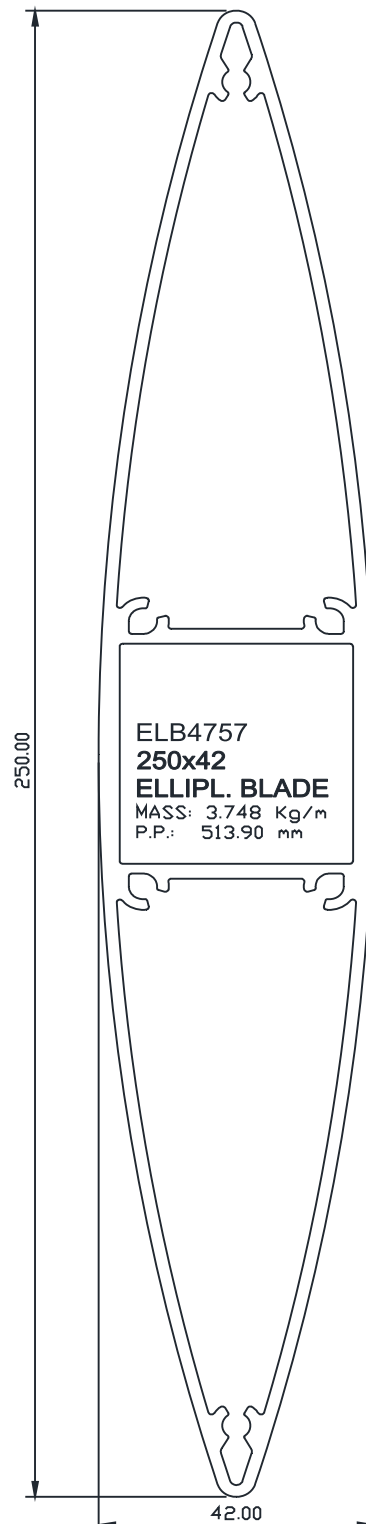
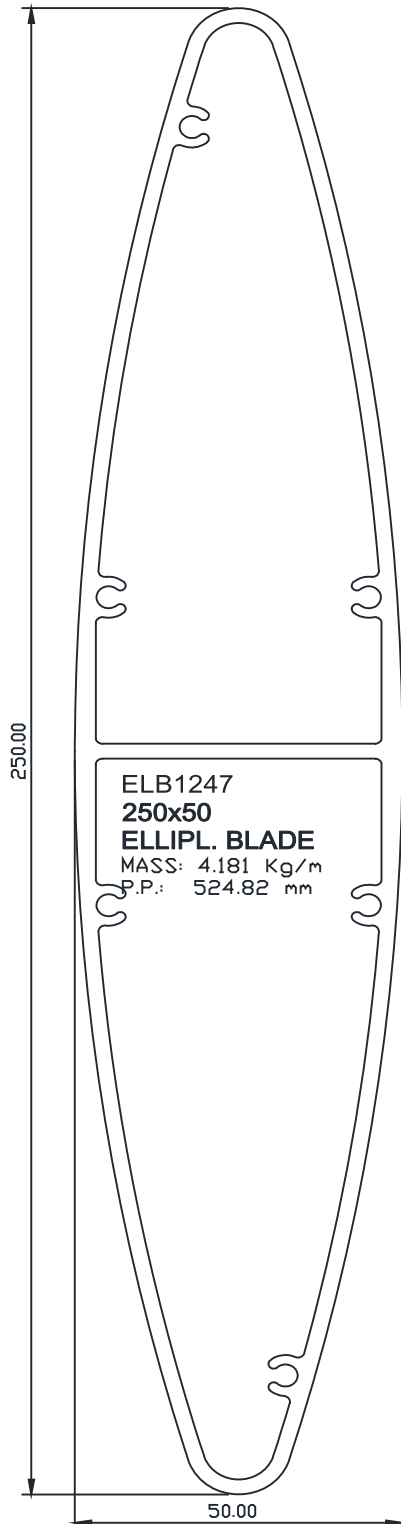
## SPECIALISED PRODUCTS

### Louvre Blades

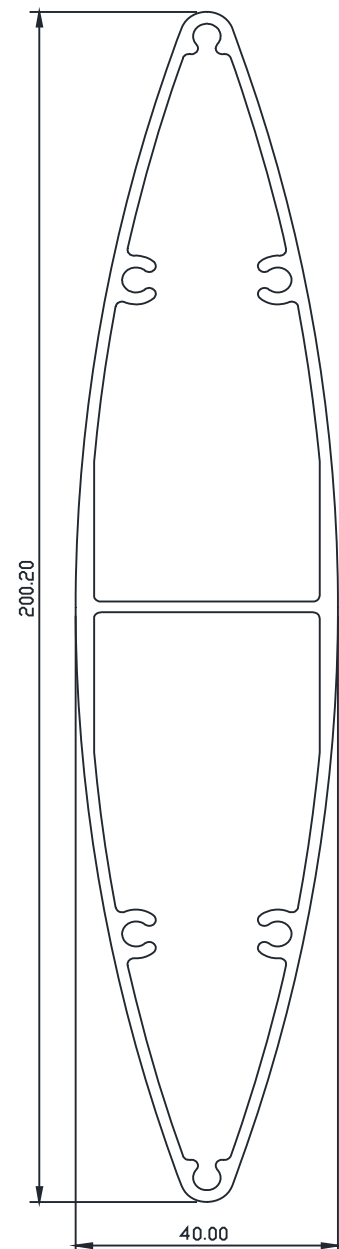


## SPECIALISED PRODUCTS

### Louvre Blades



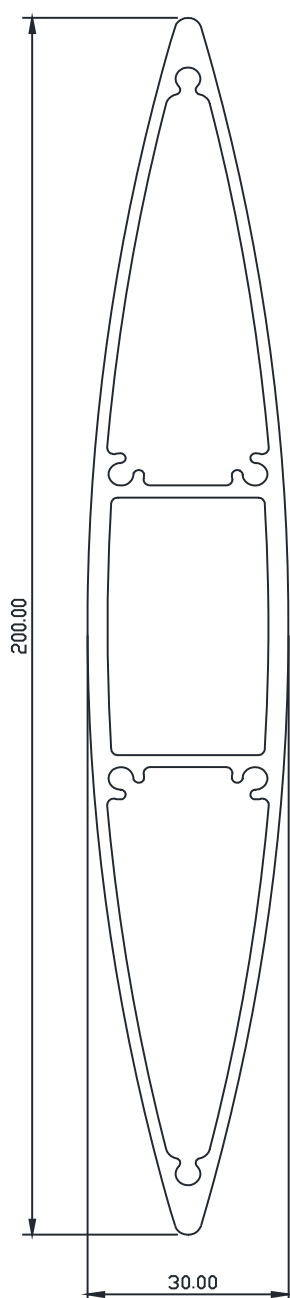
ELB9247  
200.2x40  
ELLIPTICAL BLADE  
MASS: 2.656 Kg/m  
P.P.: 416.75 mm



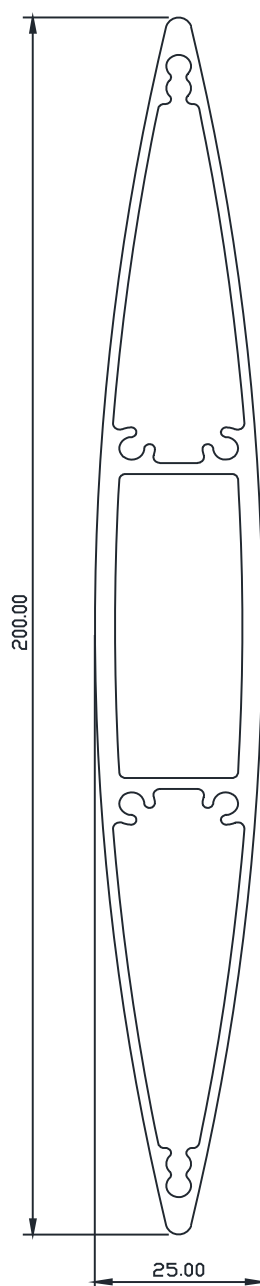
## SPECIALISED PRODUCTS

### Louvre Blades

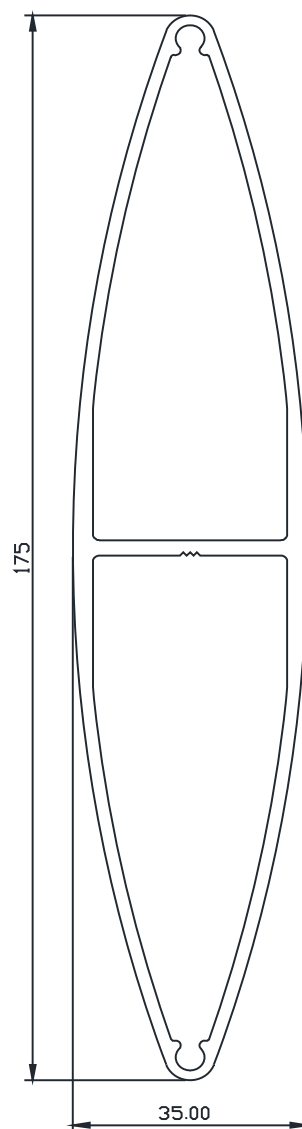
ELB9467  
**200x30**  
**ELLIPTICAL BLADE**  
MASS: 2.767 Kg/m  
P.P.: 409.15 mm



ELB7467  
**200x25**  
**ELLIPTICAL BLADE**  
MASS: 2.550 Kg/m  
P.P.: 407.39 mm



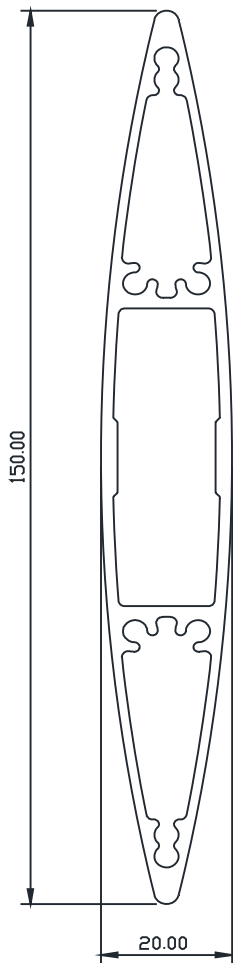
ELB9637  
**175x35**  
**ELLIPTICAL BLADE**  
MASS: 2.308 Kg/m  
P.P.: 364.55 mm



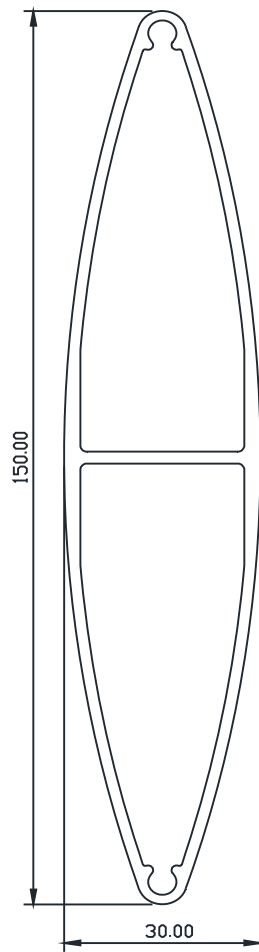
## SPECIALISED PRODUCTS

### Louvre Blades

**ELB6467**  
**150x20**  
**ELLIPTICAL BLADE**  
MASS: 1.773 Kg/m  
P.P.: 306.73 mm



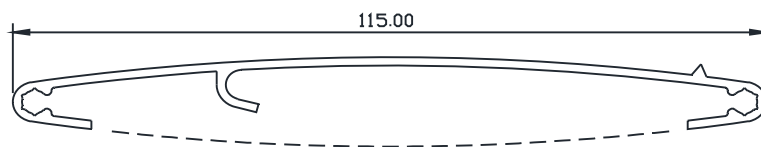
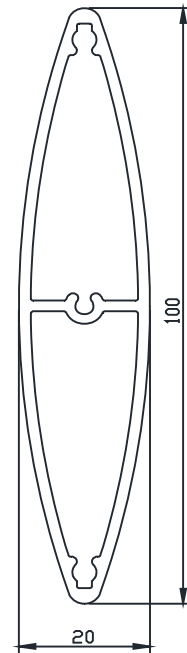
**ELB5937**  
**150x30**  
**ELLIPTICAL BLADE**  
MASS: 1.745 Kg/m  
P.P.: 313.28 mm



**ELB1347**  
**120x20**  
**ELLIPTICAL BLADE**  
MASS: 1.284 Kg/m  
P.P.: 248.31 mm



**ELB5047**  
**100x20**  
**ELLIPTICAL BLADE**  
MASS: 1.104 Kg/m  
P.P.: 208.85 mm

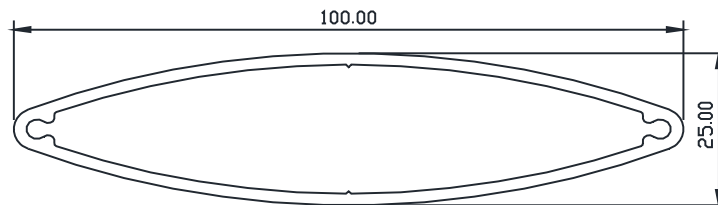


**ELB1947**  
**115mm ELLIPTICAL BLADE**  
MASS: 0.610 Kg/M  
P.P.: 312.97 MM

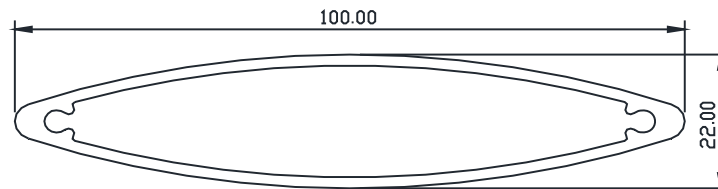
## SPECIALISED PRODUCTS

### Louvre Blades

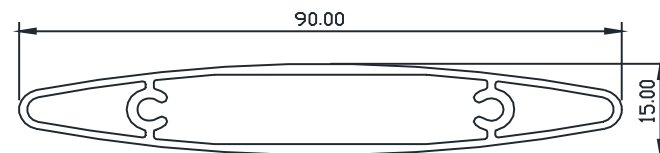
ELB5907  
**100x25**  
**ELLIPTICAL BLADE**  
MASS: 1.135 Kg/m  
P.P.: 212.60 mm



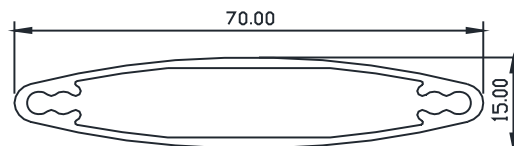
ELB5557  
**100x22**  
**ELLIPTICAL BLADE**  
MASS: 1.081 Kg/m  
P.P.: 210.46 mm



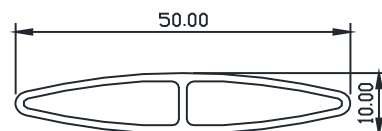
ELB5467  
**90x15**  
**ELLIPTICAL BLADE**  
MASS: 0.805 Kg/m  
P.P.: 188.57 mm



ELB4467  
**70x15**  
**ELLIPTICAL BLADE**  
MASS: 0.633 Kg/m  
P.P.: 148.93 mm



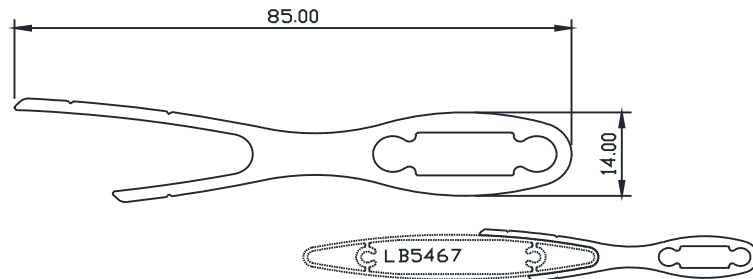
ELB0767  
**50x10**  
**ELLIPTICAL BLADE**  
MASS: 0.366 Kg/m  
P.P.: 105.61 mm



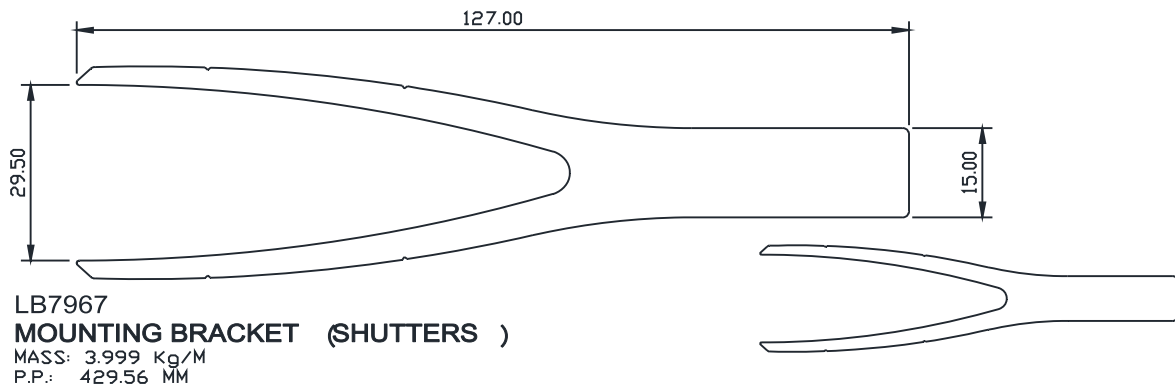
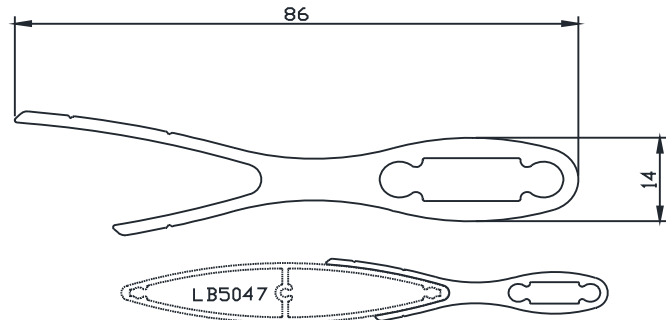
## SPECIALISED PRODUCTS

### Louvre Blades

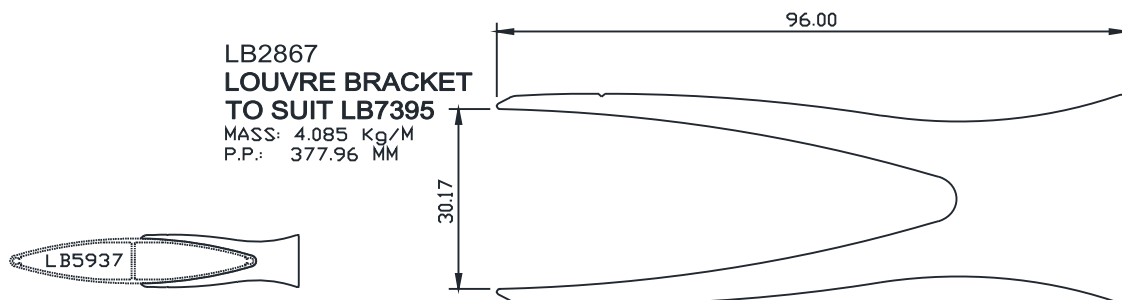
**LB5867**  
**LOUVRE BRACKET**  
**TO SUIT LB7645**  
MASS: 1.220 Kg/m  
P.P.: 227.58 mm



**LB4867**  
**LOUVRE BRACKET**  
**TO SUIT LB7405**  
MASS: 1.224 Kg/m  
P.P.: 232.74 mm



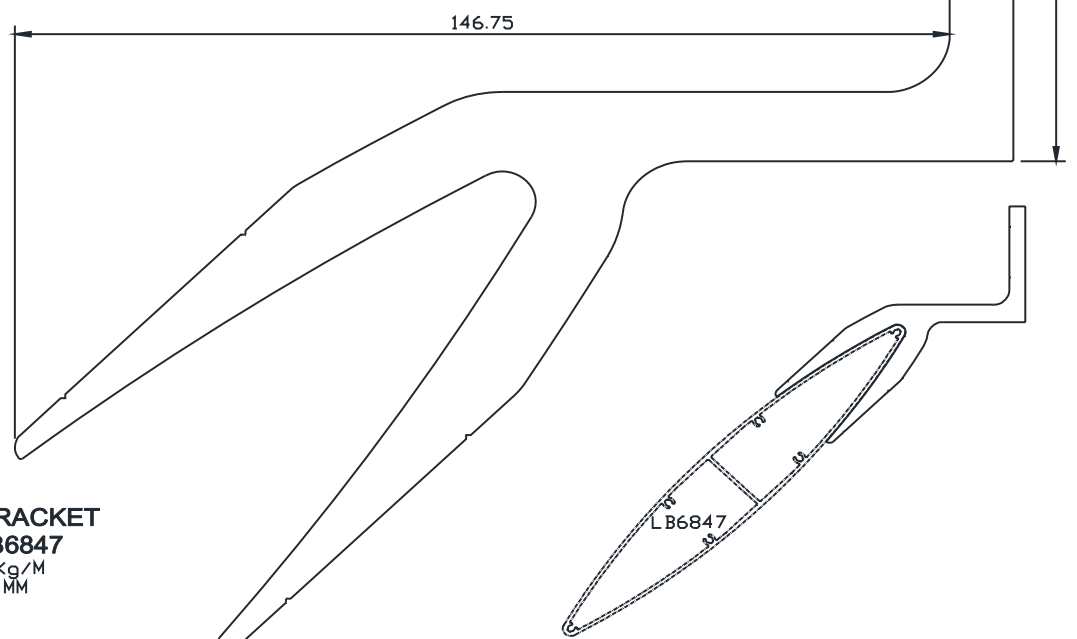
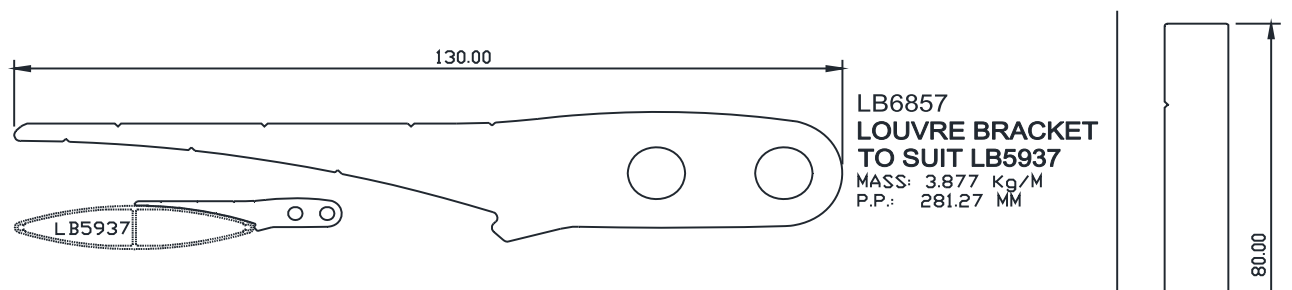
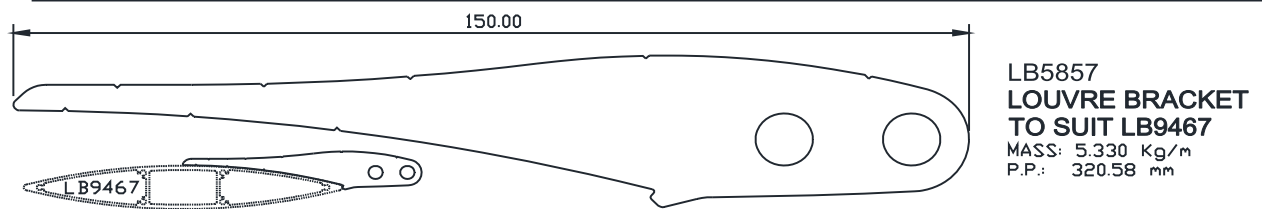
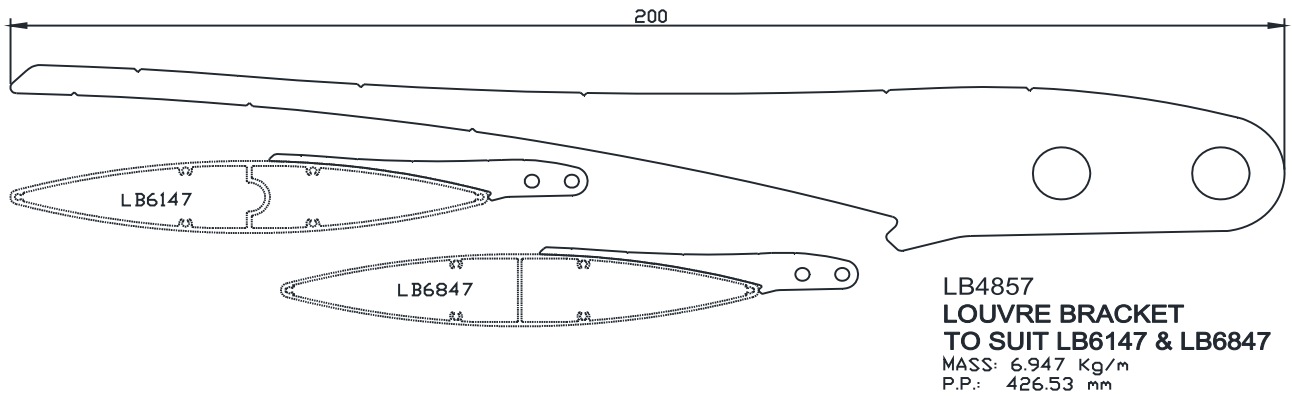
**LB7967**  
**MOUNTING BRACKET (SHUTTERS )**  
MASS: 3.999 Kg/M  
P.P.: 429.56 MM



**LB2867**  
**LOUVRE BRACKET**  
**TO SUIT LB7395**  
MASS: 4.085 Kg/M  
P.P.: 377.96 MM

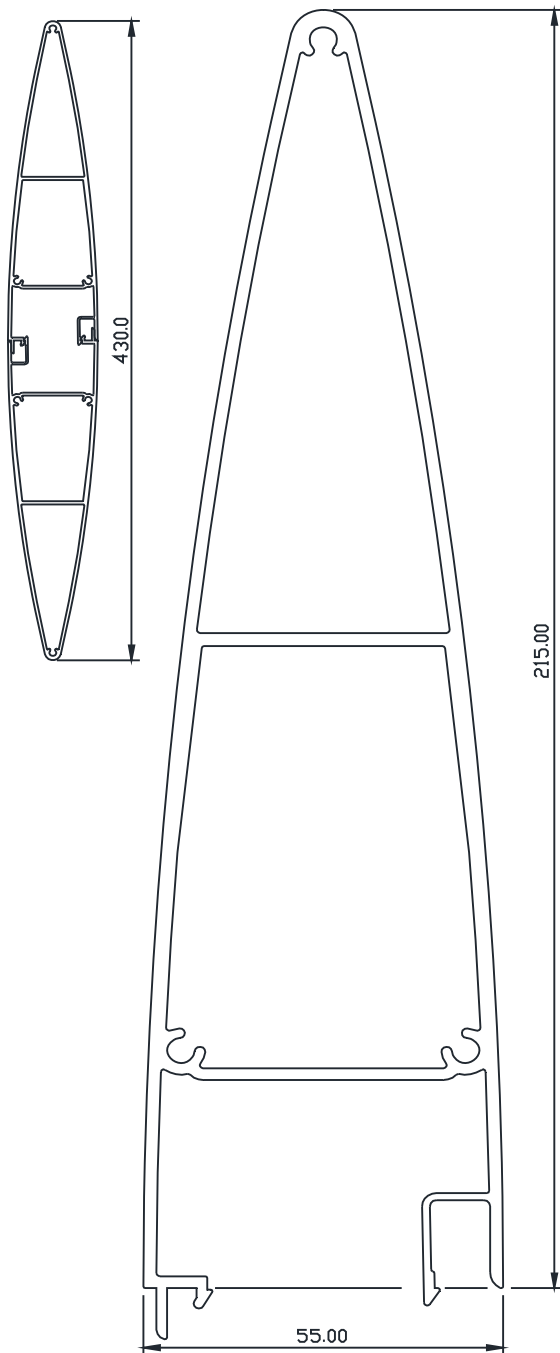
## SPECIALISED PRODUCTS

### Louvre Blades

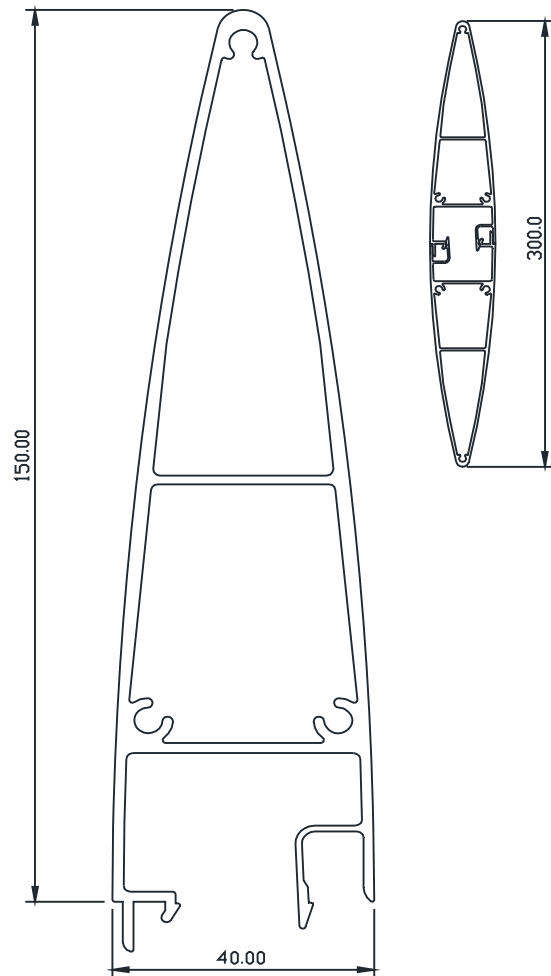


## SPECIALISED PRODUCTS

### Louvre Blades



**ELB7057**  
**430x55 ELLIPTICAL BLADE**  
**HALF BLADE**  
MASS: 3.414 Kg/m  
P.P.: 659.24 mm



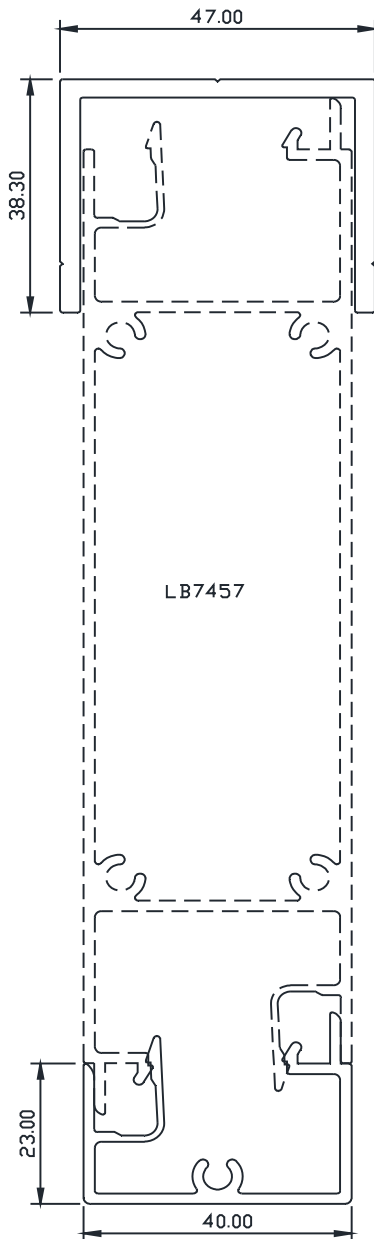
**ELB1557**  
**300x40 ELLIPTICAL BLADE**  
**HALF END BLADE**  
MASS: 2.168 Kg/M  
P.P.: 483.41 MM



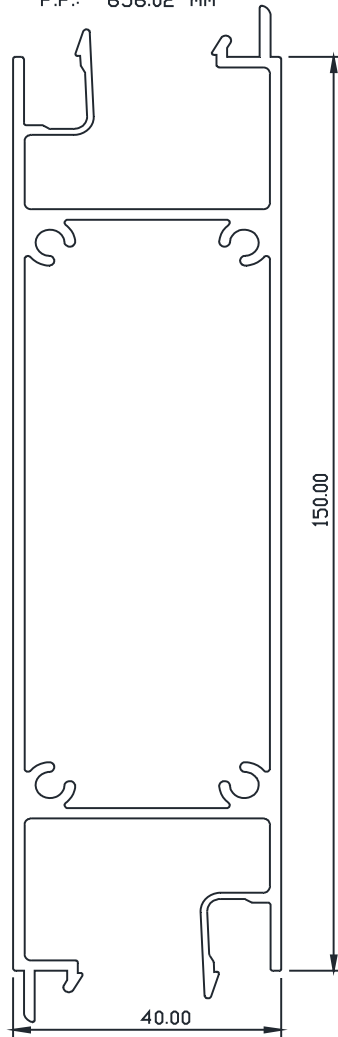
## SPECIALISED PRODUCTS

### Louvre Blades

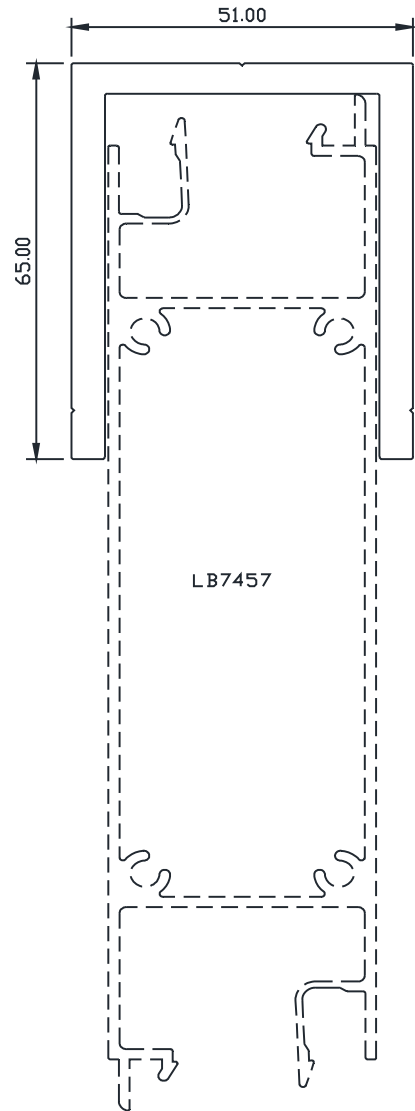
**LB0557**  
**WALL RECEIVER**  
**TO SUIT 40mm SUITE**  
MASS: 0.954 Kg/m  
P.P.: 240.82 mm



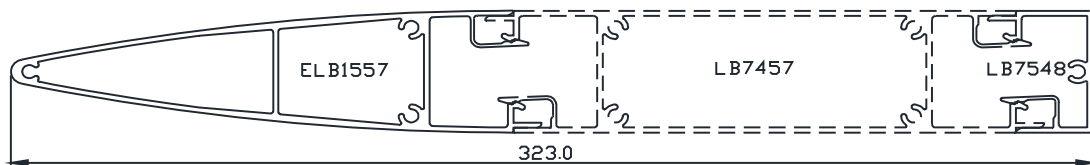
**LB7457**  
**150x40 SELF MATING**  
**CENTRE BLADE**  
MASS: 2.400 Kg/m  
P.P.: 656.02 mm



**LB4177**  
**WALL RECEIVER**  
**TO SUIT 40mm SUITE**  
MASS: 2.315 Kg/m  
P.P.: 351.62 mm

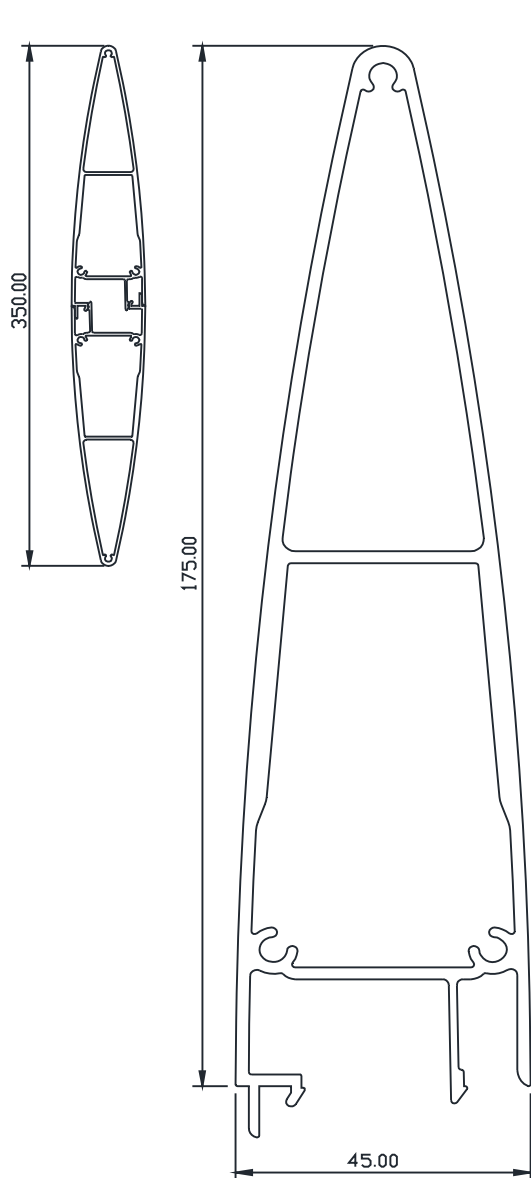


**LB8457**  
**SELF MATING END CAP**  
**TO SUIT 40mm SUITE**  
MASS: 0.608 Kg/m  
P.P.: 275.31 mm

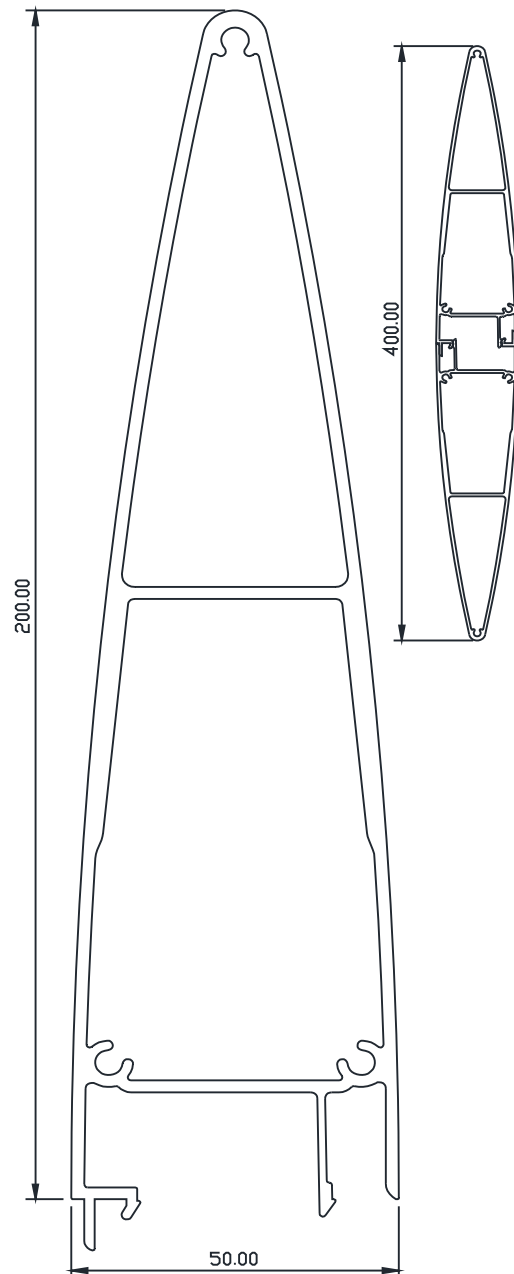


## SPECIALISED PRODUCTS

### Louvre Blades



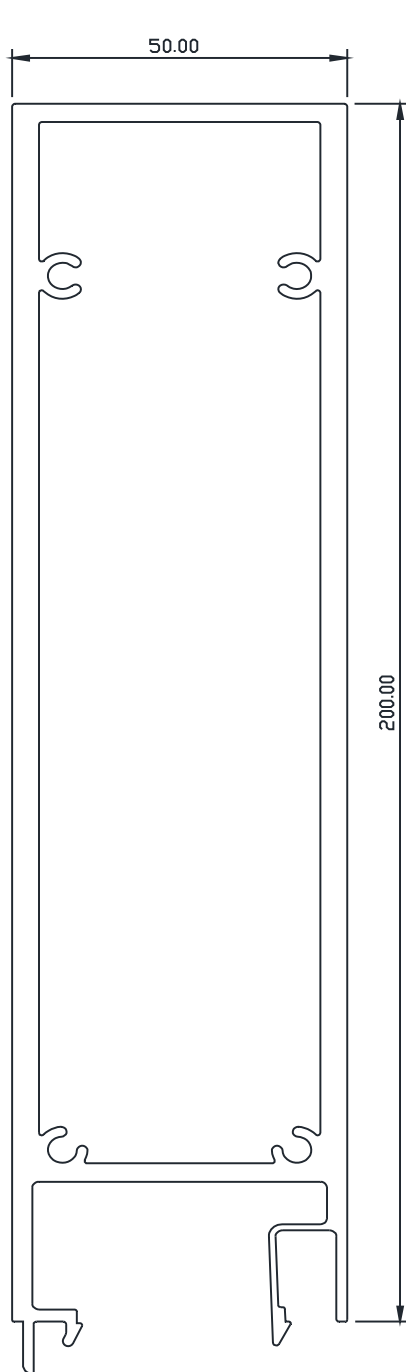
**ELB6757**  
**350x45 ELLIPTICAL BLADE**  
**HALF BLADE**  
MASS: 2.943 Kg/m  
P.P.: 521.65 mm



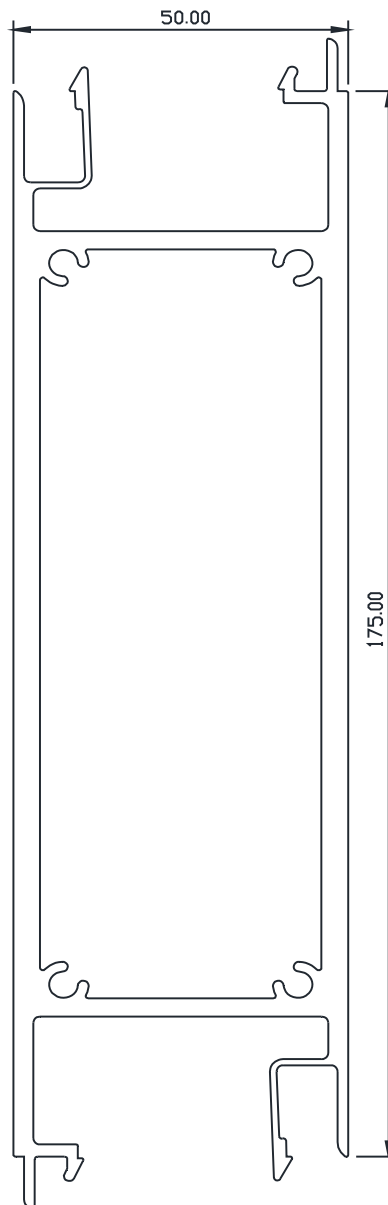
**ELB7757**  
**400x50 ELLIPTICAL BLADE**  
**HALF BLADE**  
MASS: 3.226 Kg/m  
P.P.: 577.2 mm

## SPECIALISED PRODUCTS

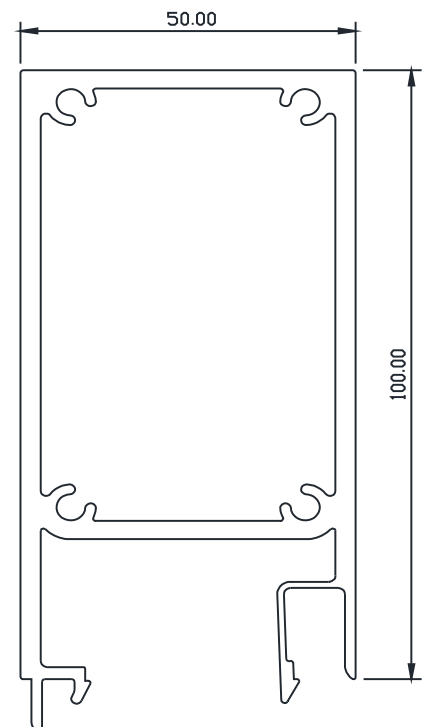
### Louvre Blades



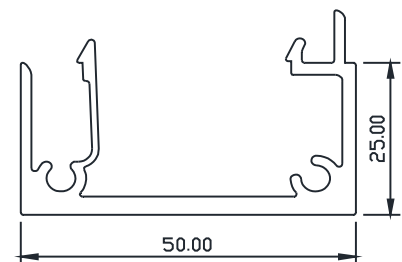
**LB9167**  
**200x50 SELF MATING**  
**END BLADE**  
MASS: 5.245 Kg/m  
P.P.: 636.01mm



**LB0267**  
**175x50 SELF MATING**  
**CENTRE BLADE**  
MASS: 4.670 Kg/m  
P.P.: 721.37 mm



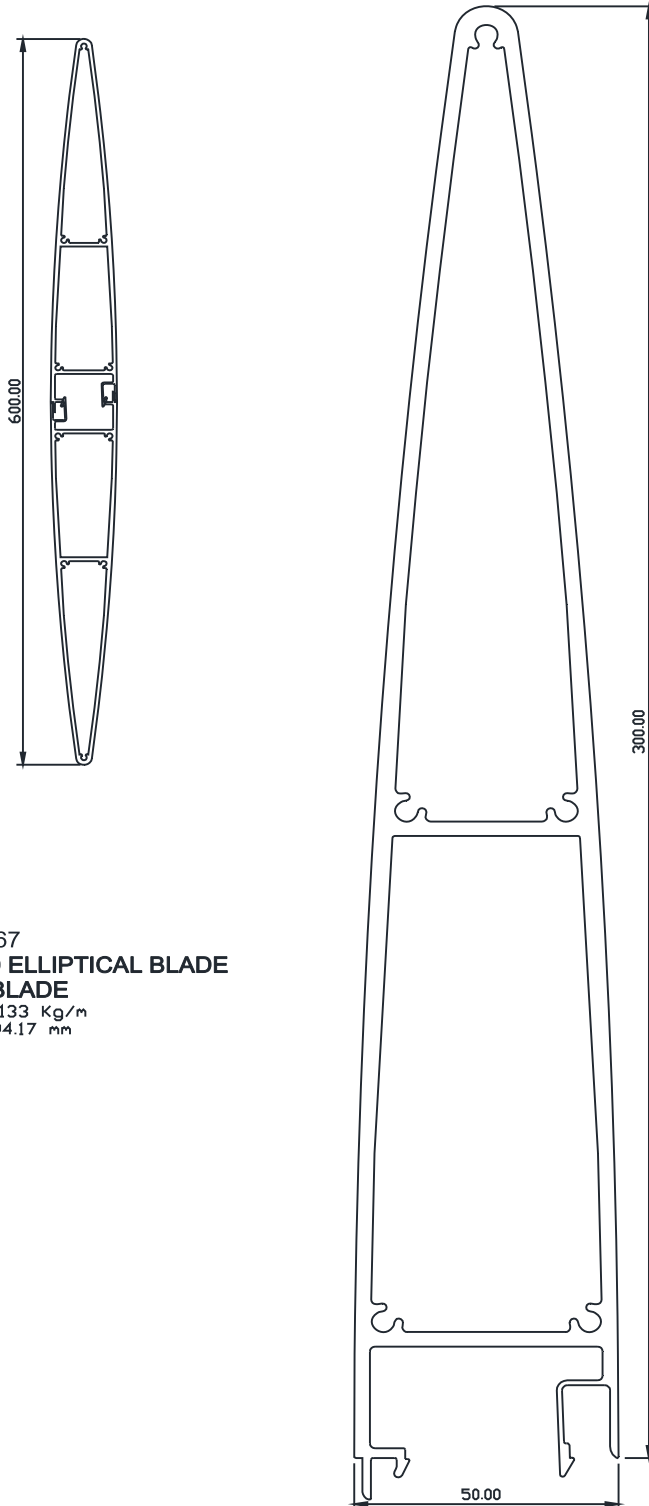
**LB8667**  
**100x50 SELF MATING**  
**END BLADE**  
MASS: 2.683 Kg/m  
P.P.: 440.35 mm



**LB2267**  
**SELF MATING END CAP**  
**TO SUIT 50mm SUITE**  
MASS: 0.928 Kg/m  
P.P.: 297.43 mm

## SPECIALISED PRODUCTS

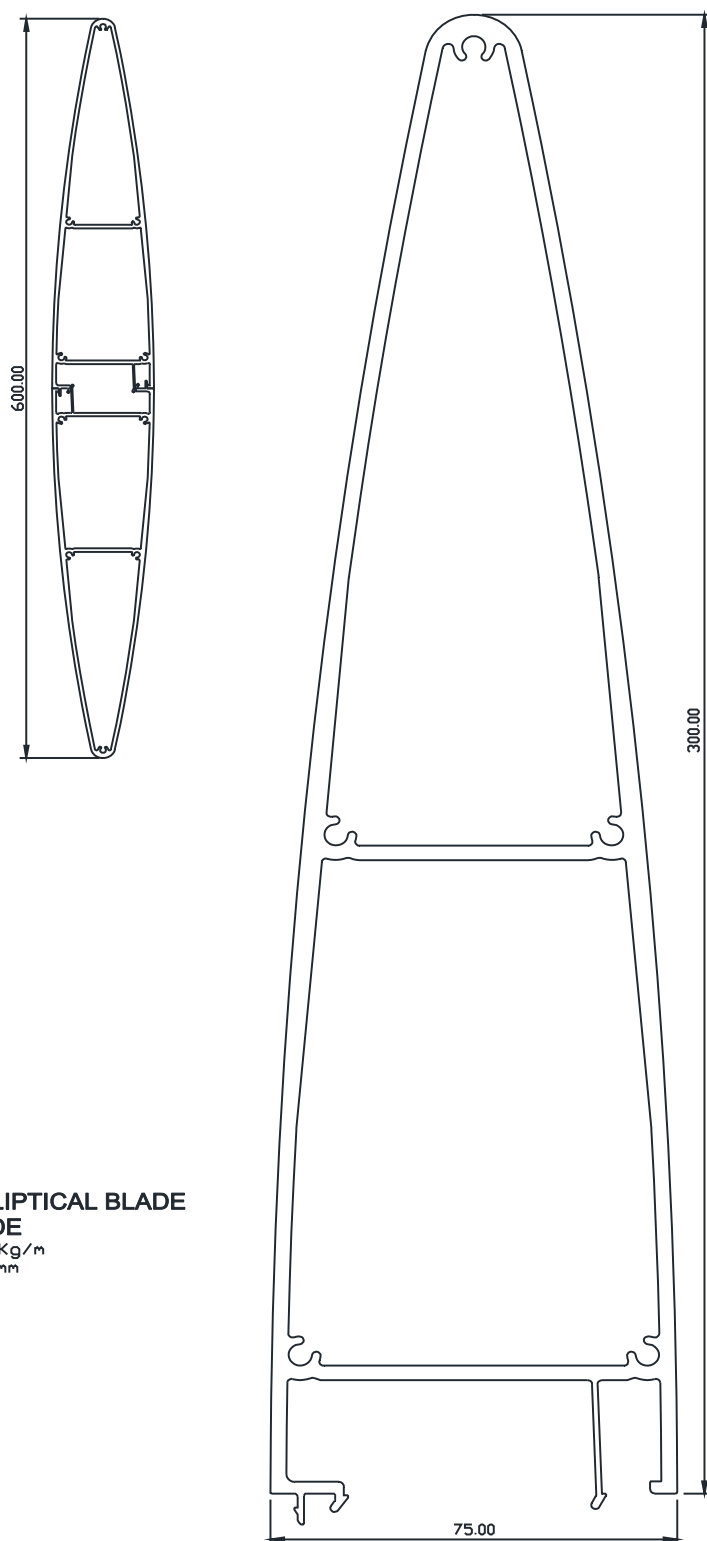
### Louvre Blades



ELB1267  
**600x50 ELLIPTICAL BLADE**  
**HALF BLADE**  
MASS: 6.133 Kg/m  
P.P.: 794.17 mm

## SPECIALISED PRODUCTS

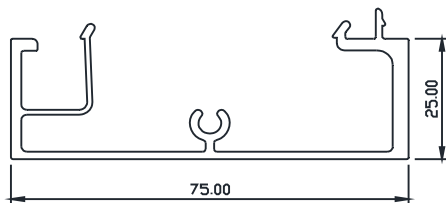
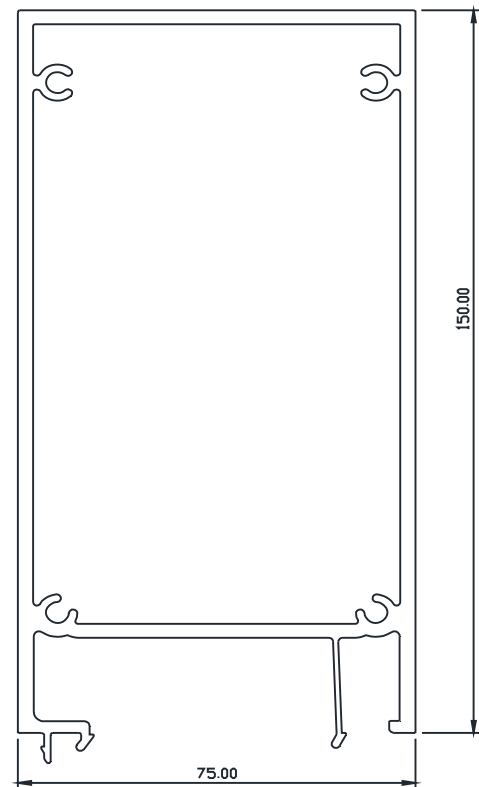
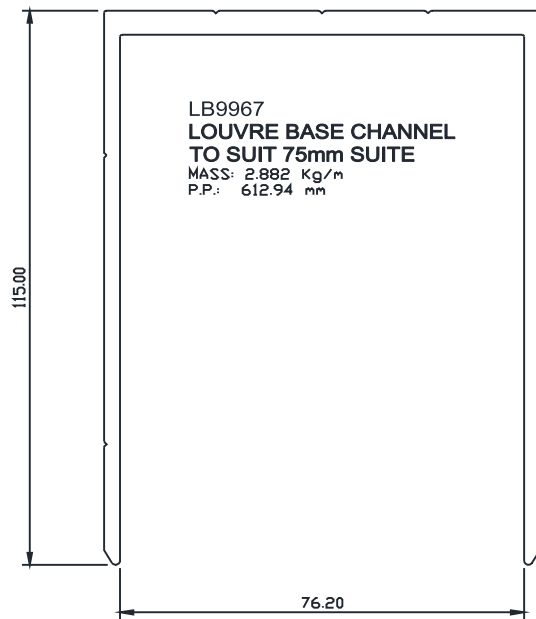
### Louvre Blades



ELB7767  
600x75 ELLIPTICAL BLADE  
HALF BLADE  
MASS: 6.682 Kg/m  
P.P.: 831.10 mm

## SPECIALISED PRODUCTS

### Louvre Blades

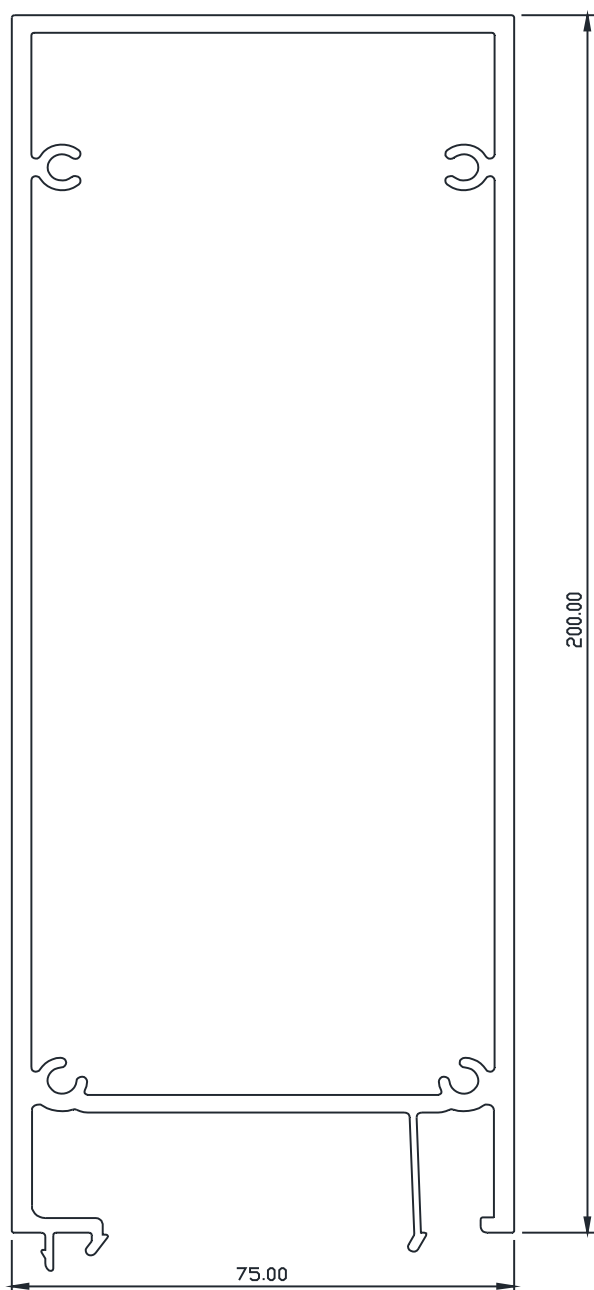


LB9767  
SELF MATING END CAP  
TO SUIT 75mm SUITE  
MASS: 0.939 Kg/m  
P.P.: 383.61 mm

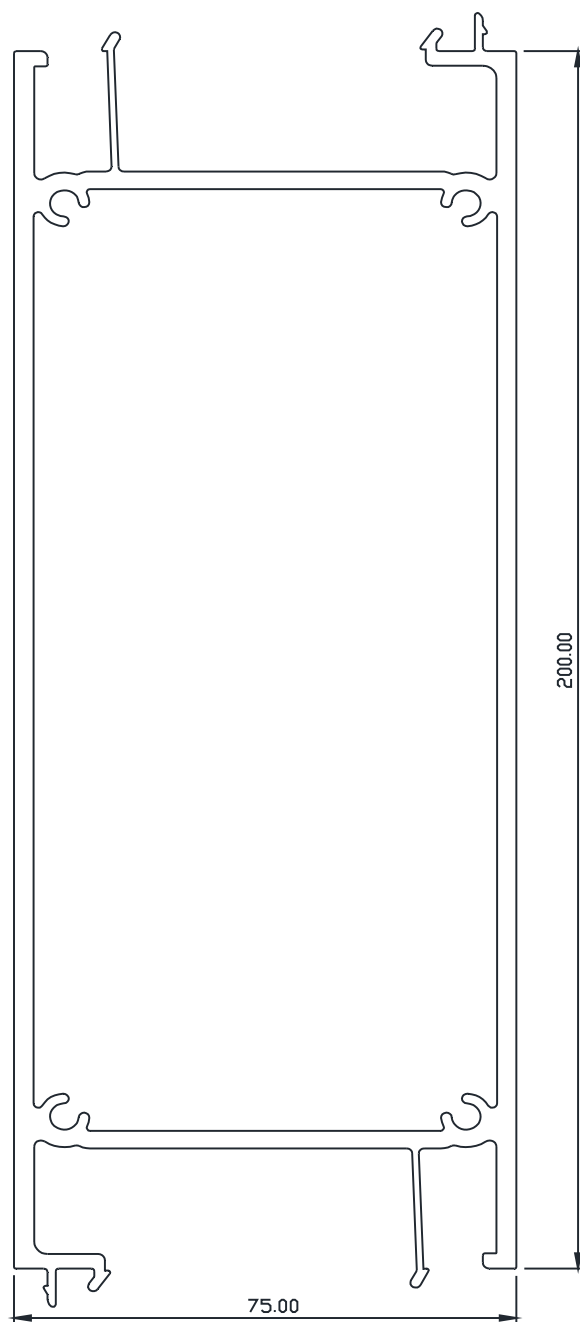
LB0967  
150x75 SELF MATING  
END BLADE  
MASS: 3.890 Kg/m  
P.P.: 581.0 mm

## SPECIALISED PRODUCTS

### Louvre Blades



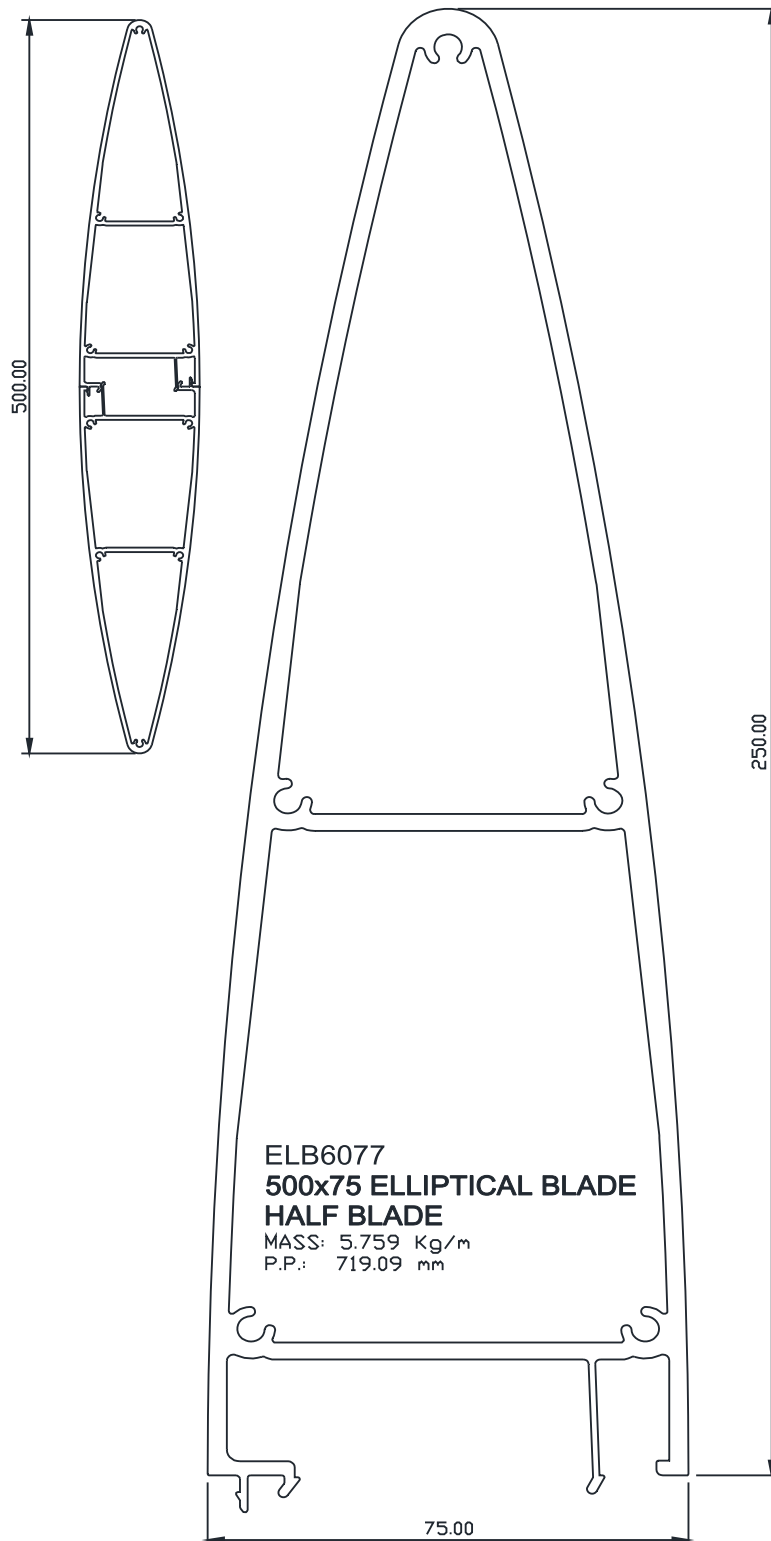
**LB6767**  
**200x75 SELF MATING**  
**END BLADE**  
MASS: 4.675 Kg/M  
P.P.: 681.0 MM



**LB5767**  
**200x75 SELF MATING**  
**CENTRE BLADE**  
MASS: 4.832 Kg/m  
P.P.: 812.69 mm

## SPECIALISED PRODUCTS

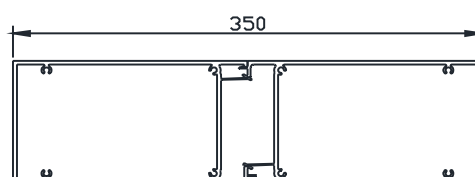
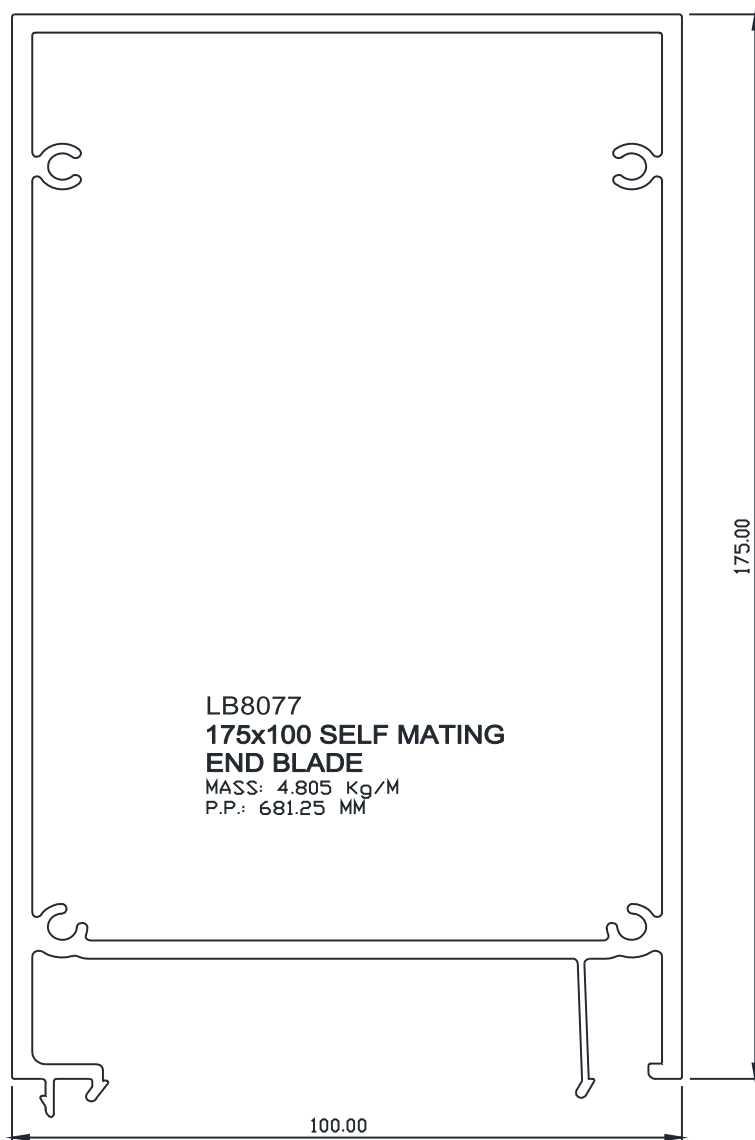
### Louvre Blades





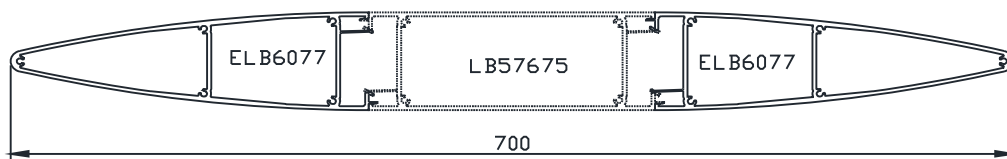
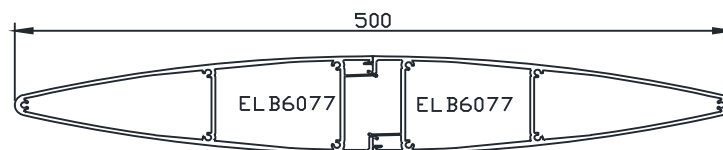
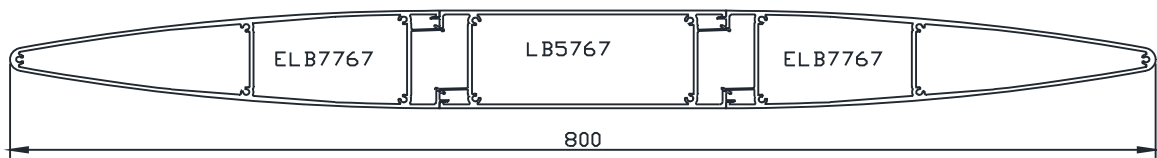
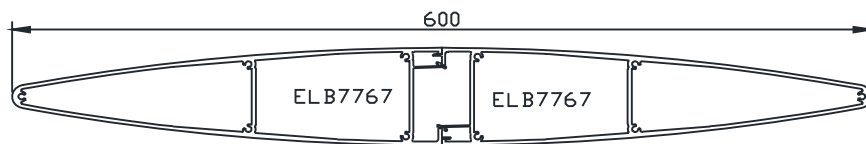
## SPECIALISED PRODUCTS

### Louvre Blades



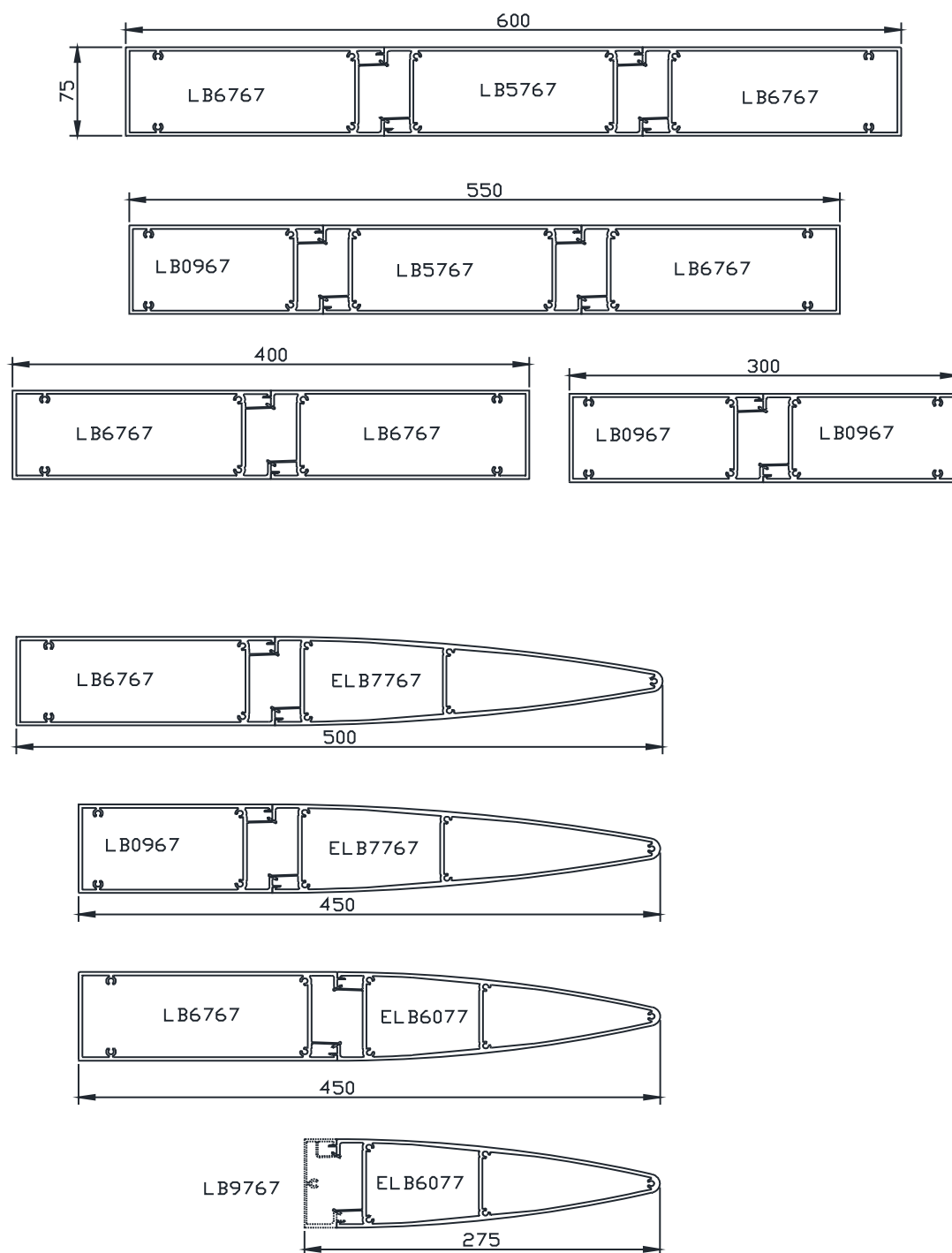
## SPECIALISED PRODUCTS

### Louvre Blades



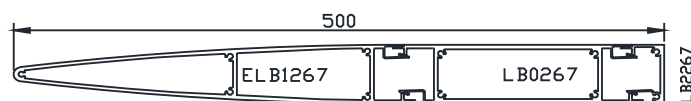
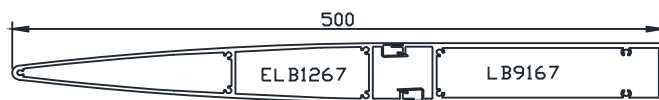
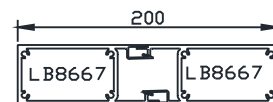
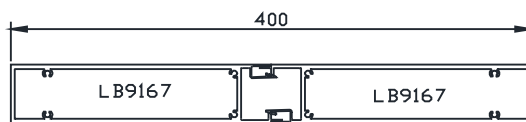
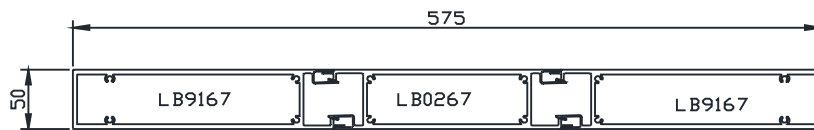
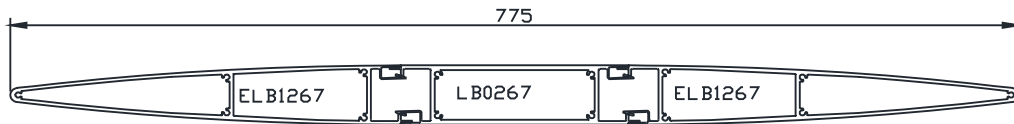
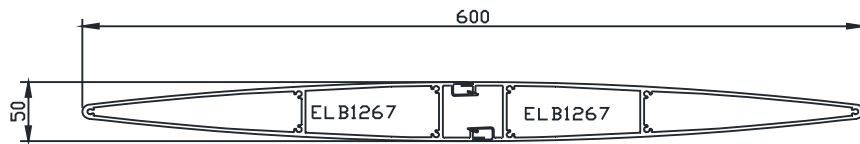
## SPECIALISED PRODUCTS

### Louvre Blades



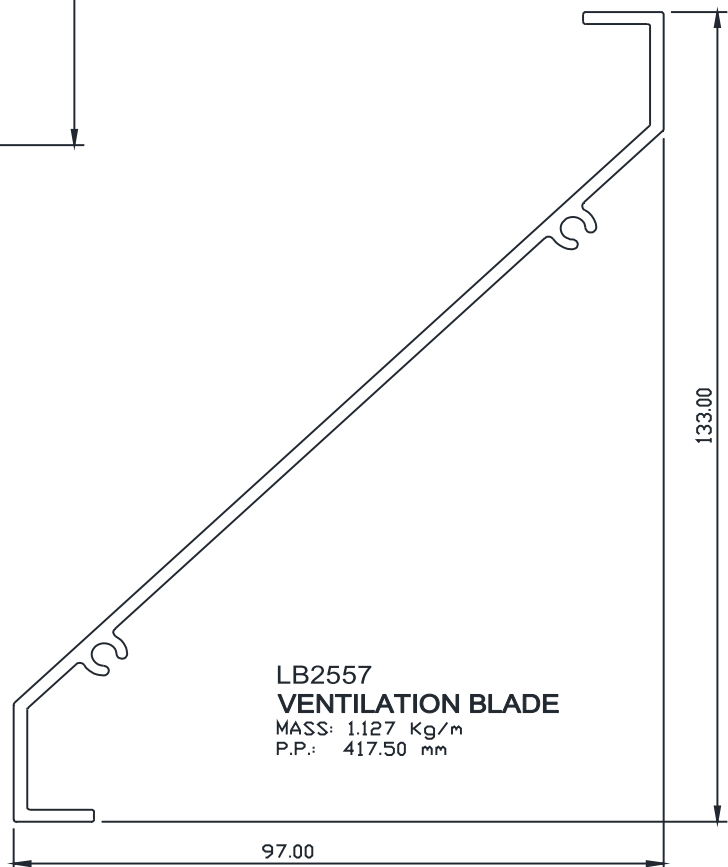
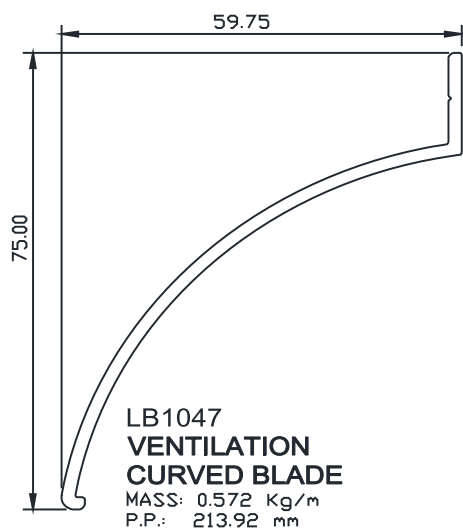
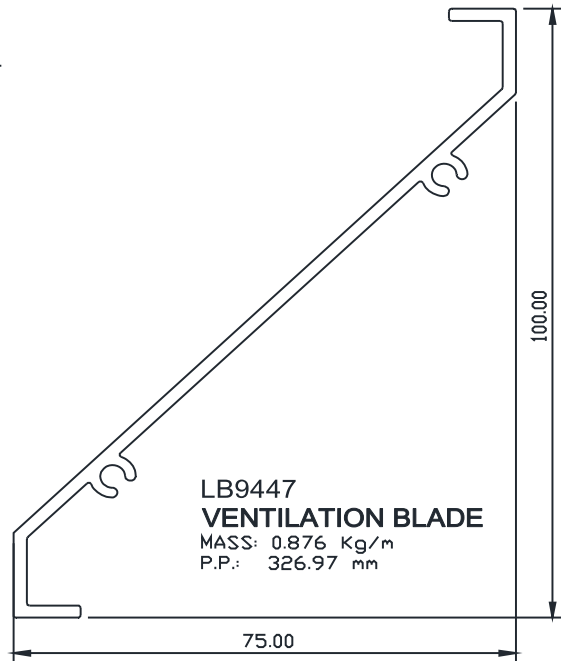
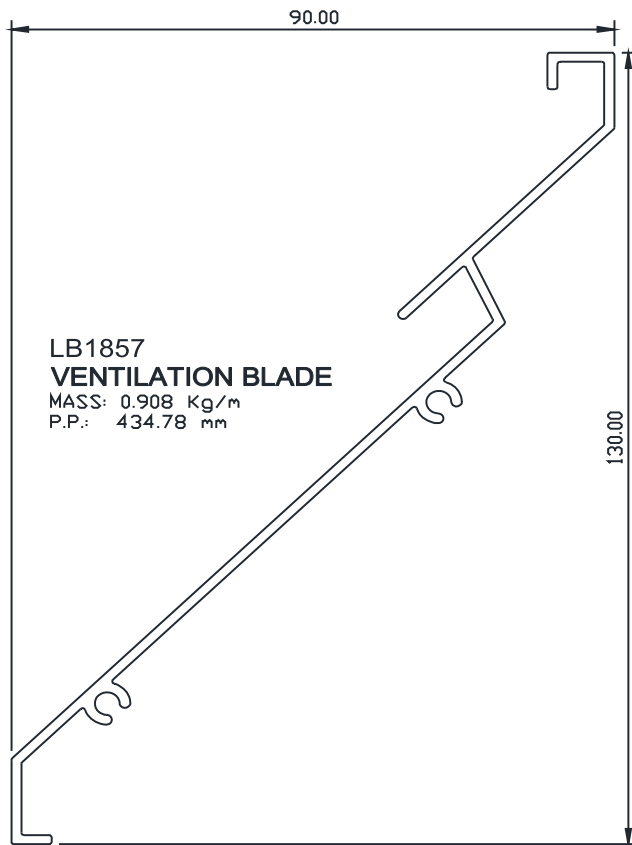
## SPECIALISED PRODUCTS

### Louvre Blades



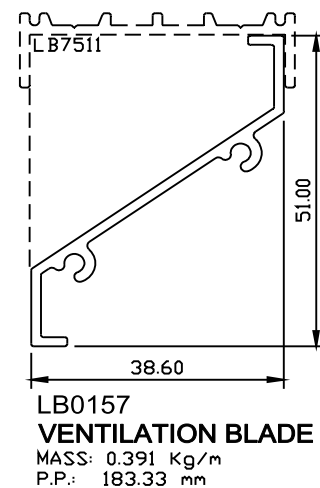
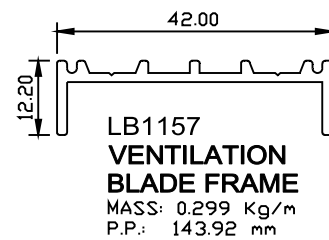
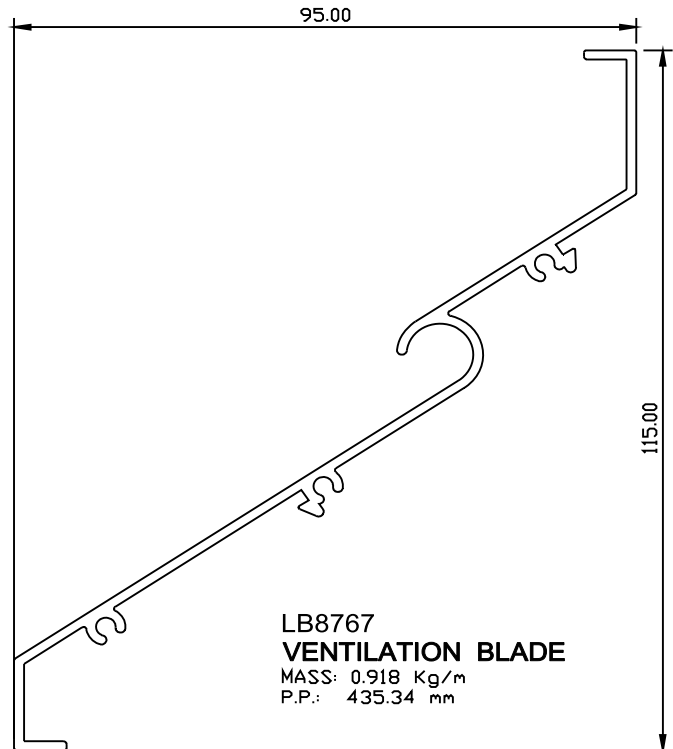
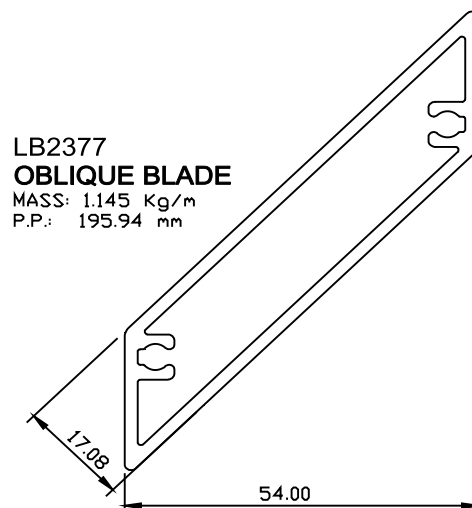
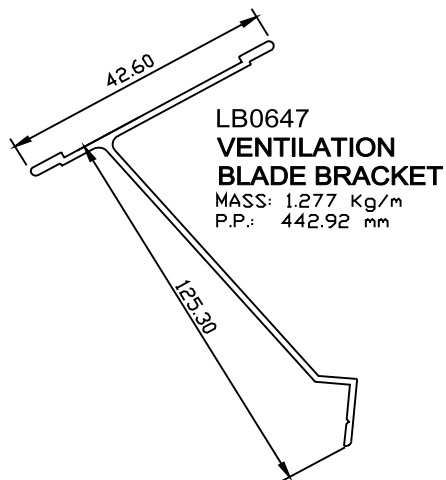
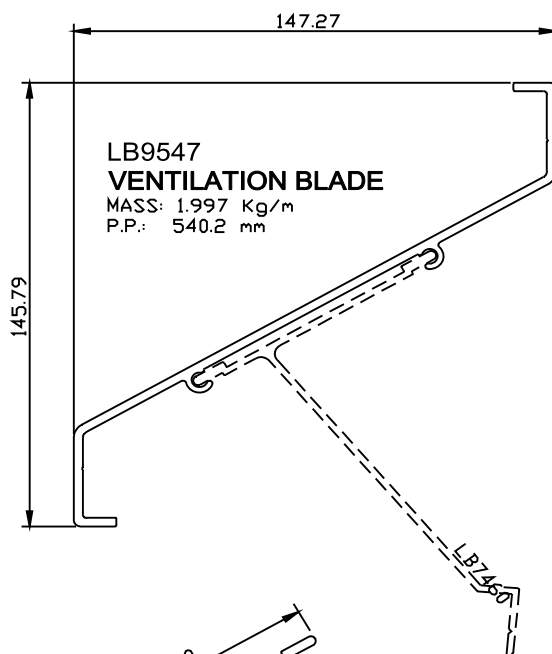
## SPECIALISED PRODUCTS

### Louvre Blades



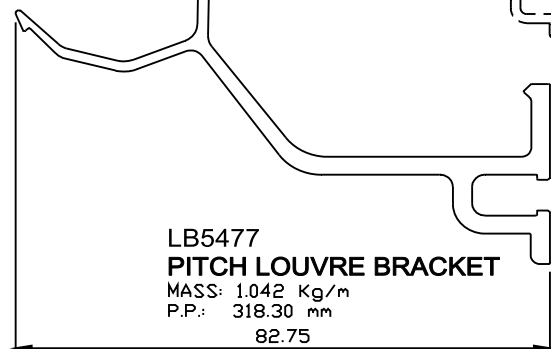
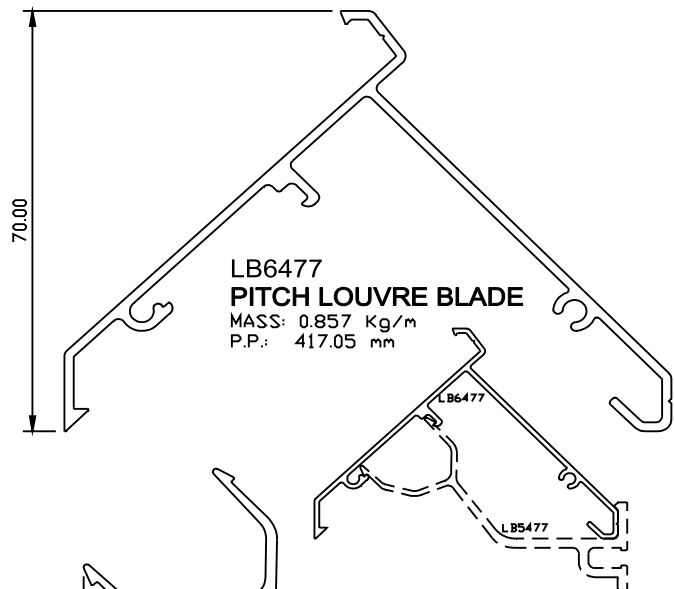
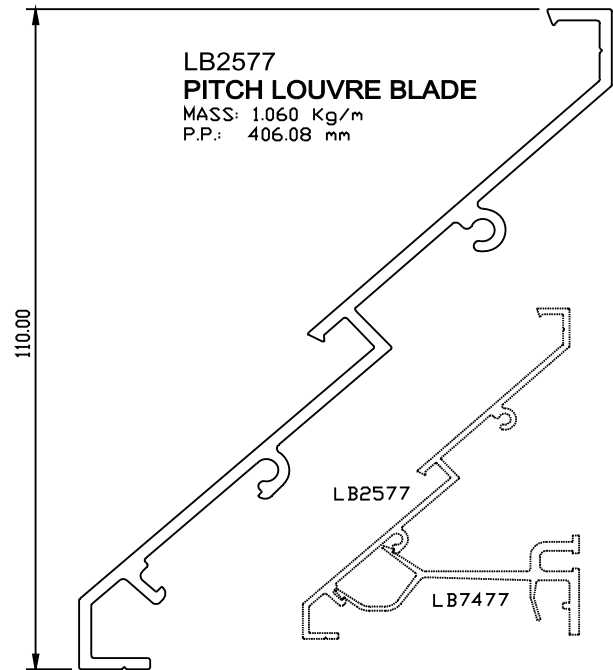
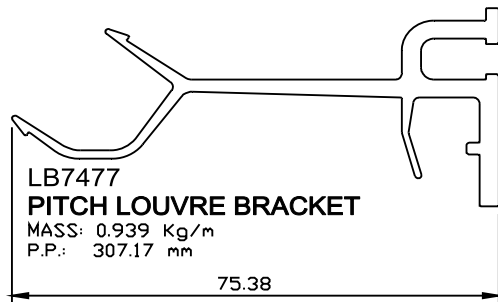
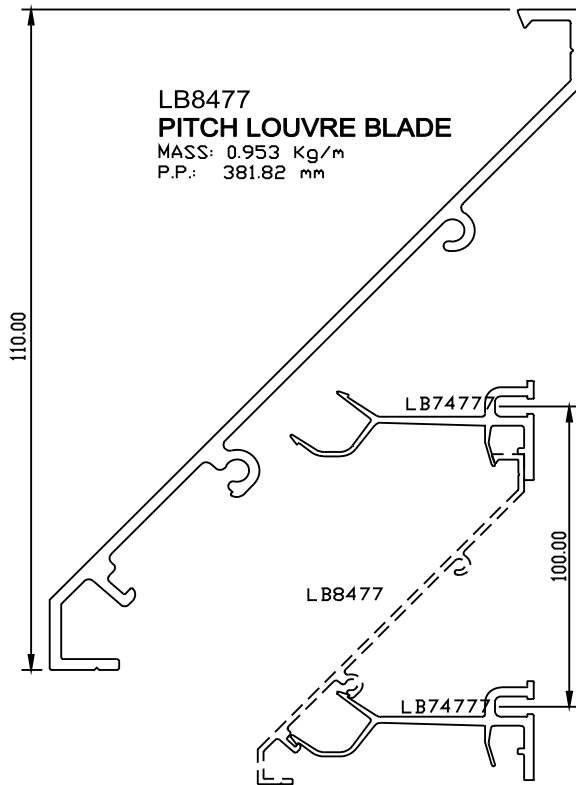
## SPECIALISED PRODUCTS

### Louvre Blades



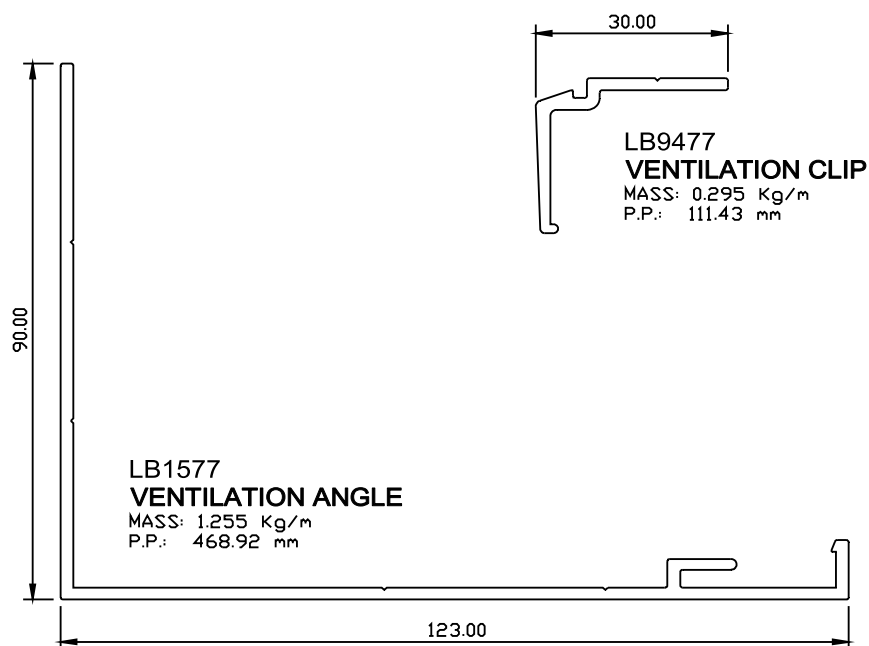
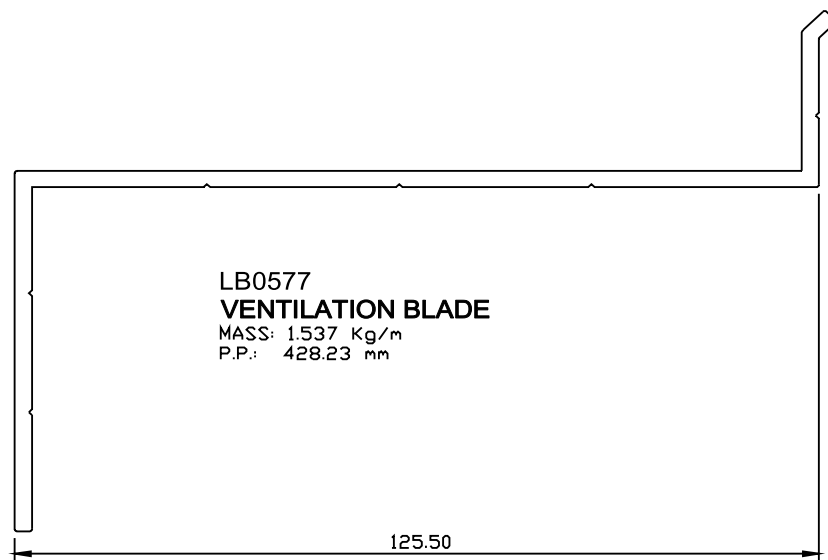
## SPECIALISED PRODUCTS

### Louvre Blades



## SPECIALISED PRODUCTS

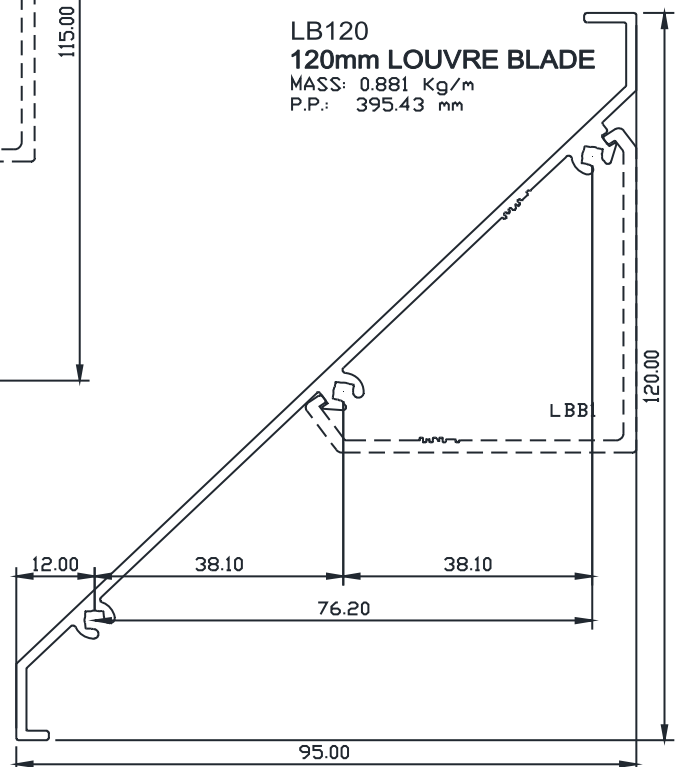
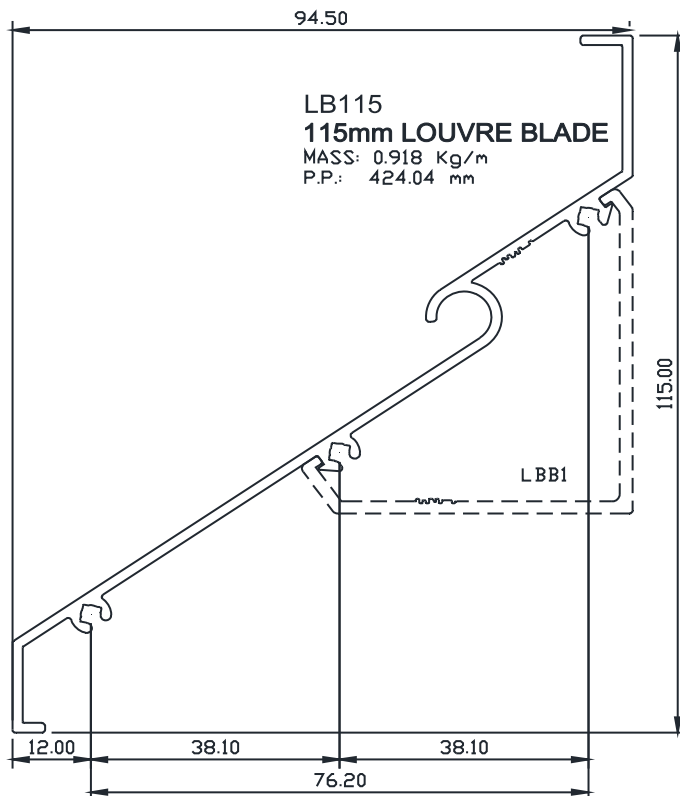
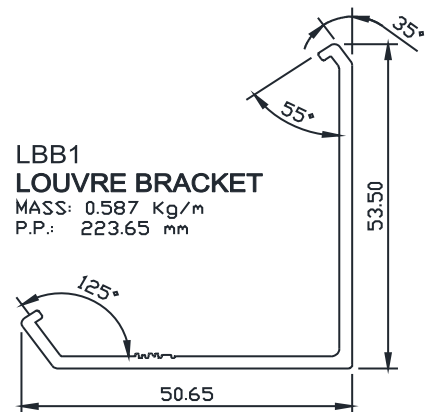
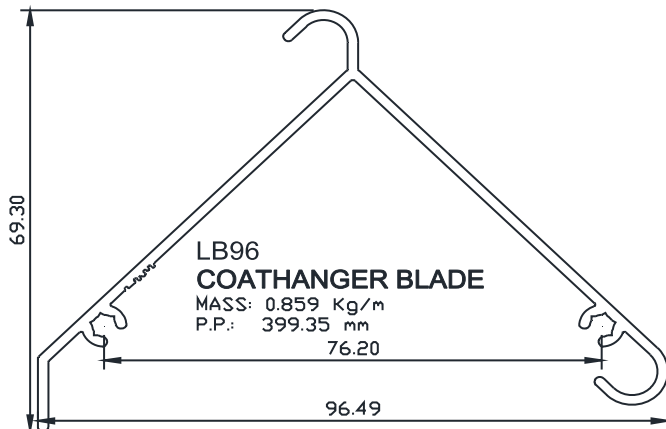
### Louvre Blades





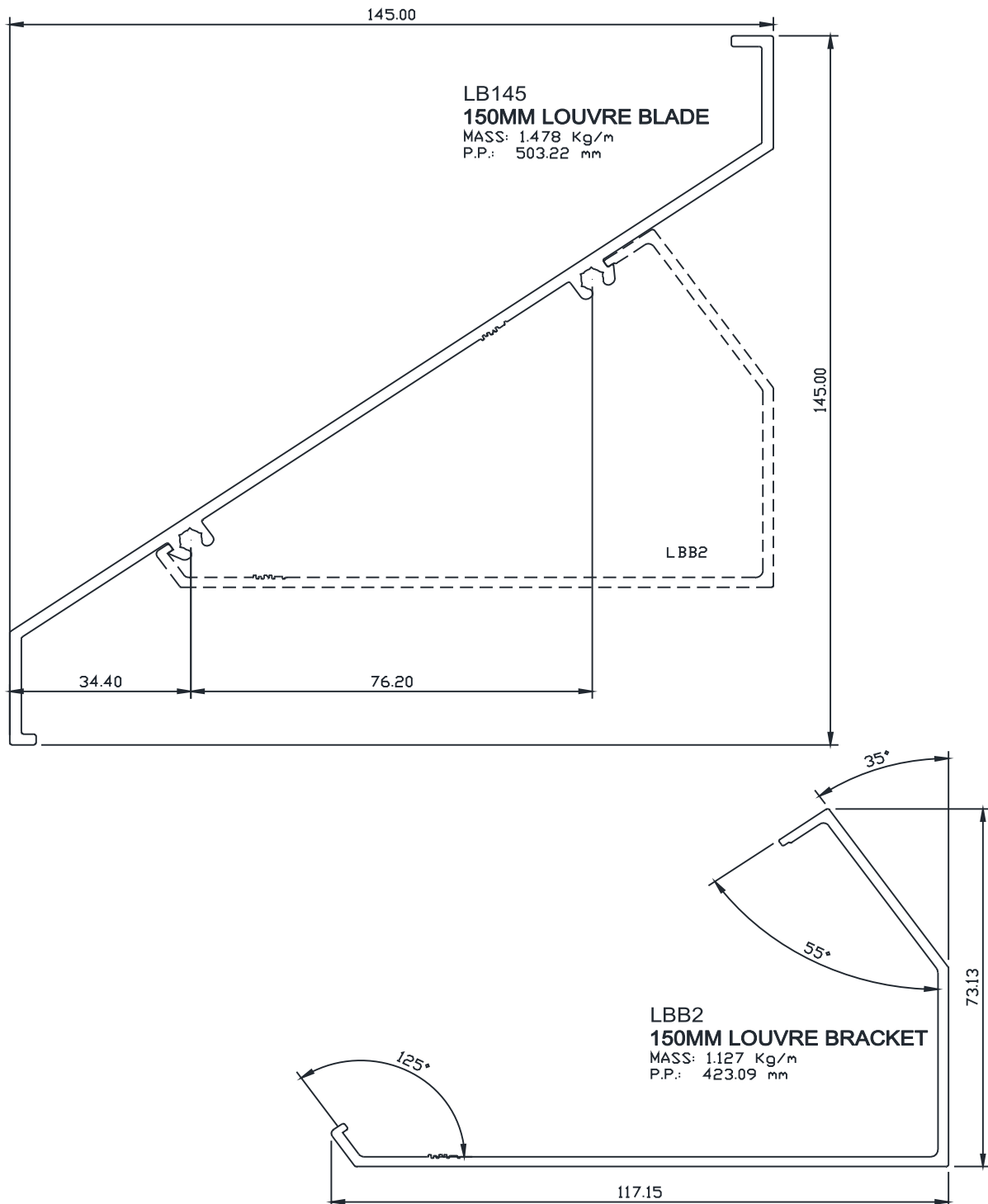
## SPECIALISED PRODUCTS

### Louvre Blades



## SPECIALISED PRODUCTS

### Louvre Blades



## SPECIALISED PRODUCTS

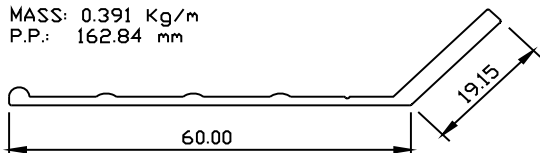
### Louvre Blades

LB6377

**60x20 SUNSCREEN BLADE**

MASS: 0.391 Kg/m

P.P.: 162.84 mm

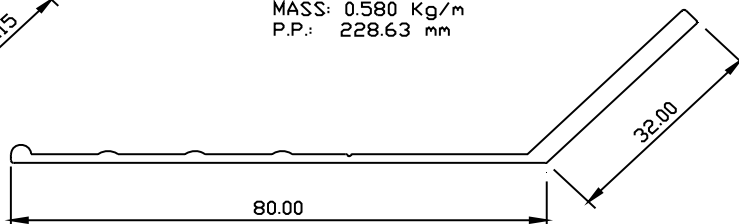


LB3377

**80x32 SUNSCREEN BLADE**

MASS: 0.580 Kg/m

P.P.: 228.63 mm

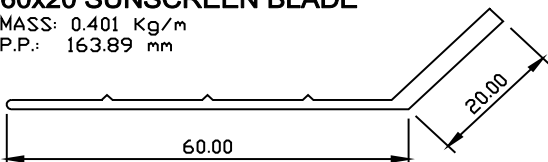


LB6517

**60x20 SUNSCREEN BLADE**

MASS: 0.401 Kg/m

P.P.: 163.89 mm

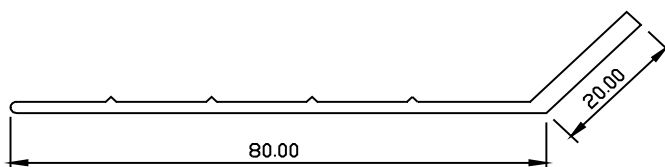


LB8517

**80x20 SUNSCREEN BLADE**

MASS: 0.555 Kg/m

P.P.: 204.69 mm

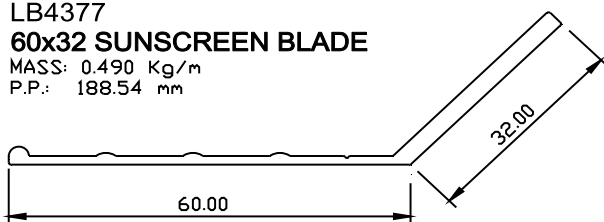


LB4377

**60x32 SUNSCREEN BLADE**

MASS: 0.490 Kg/m

P.P.: 188.54 mm

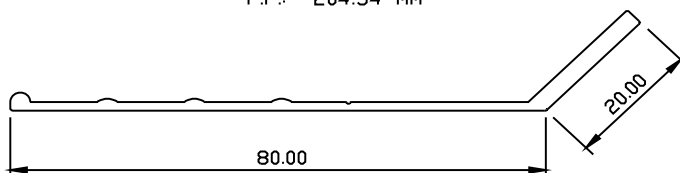


LB5377

**80x20 SUNSCREEN BLADE**

MASS: 0.474 Kg/m

P.P.: 204.54 mm

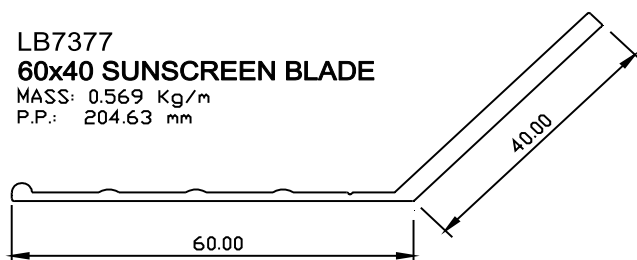


LB7377

**60x40 SUNSCREEN BLADE**

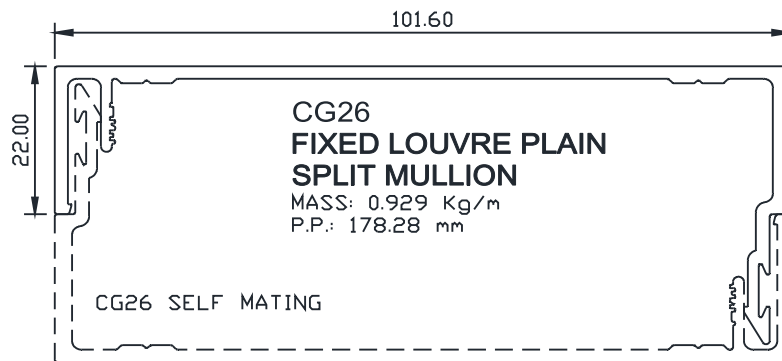
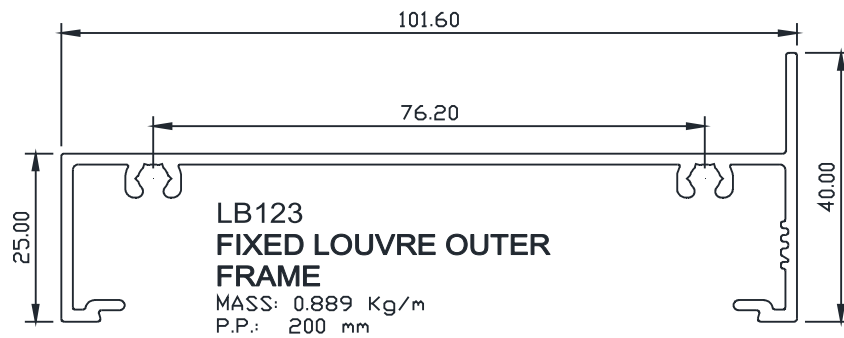
MASS: 0.569 Kg/m

P.P.: 204.63 mm



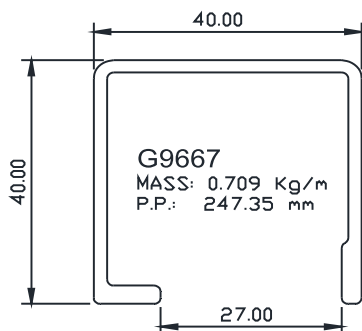
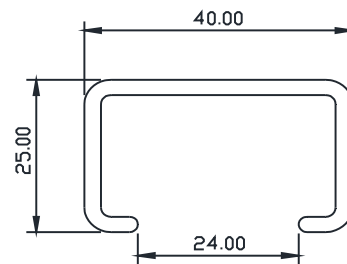
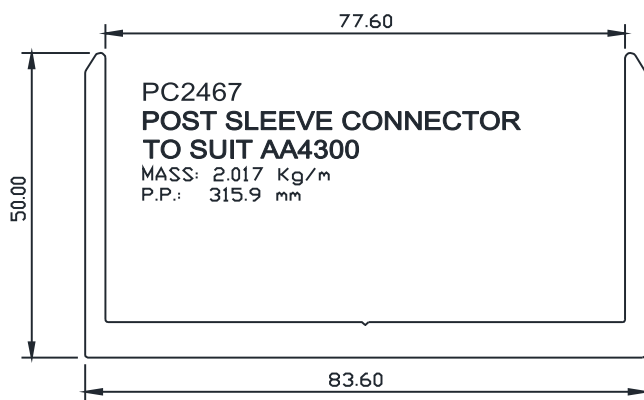
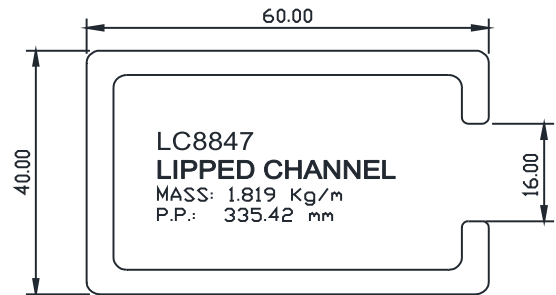
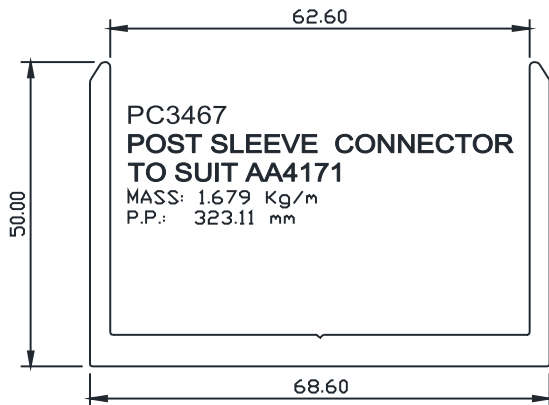
## SPECIALISED PRODUCTS

### Louvre Blades



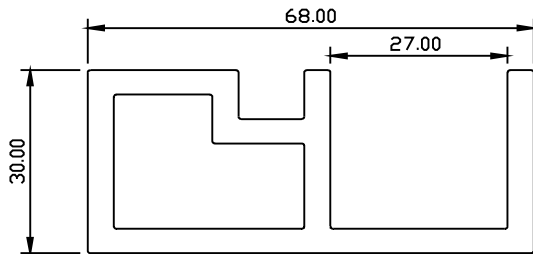
## SPECIALISED PRODUCTS

### General

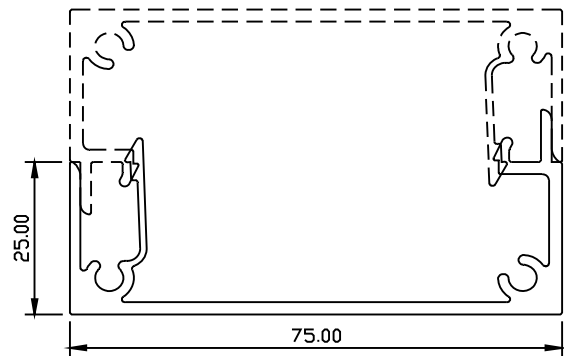


## SPECIALISED PRODUCTS

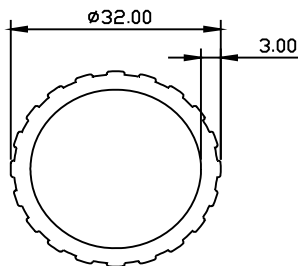
### General



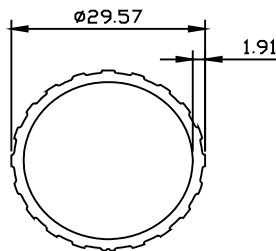
**G8367**  
MASS: 1.984 Kg/m  
P.P.: 261.94 mm



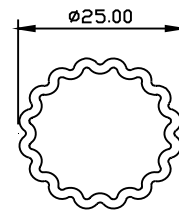
**SM0957**  
**SELF MATING HALF**  
**TO MAKE 75x50 RHS**  
MASS: 0.972 Kg/m  
P.P.: 352.47 mm



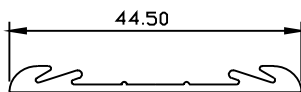
**LR1617**  
**LADDER RUNG**  
MASS: 0.677 Kg/m  
P.P.: 112.06 mm



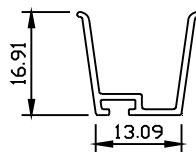
**LR6177**  
**LADDER RUNG**  
MASS: 0.396 Kg/m  
P.P.: 100.74 mm



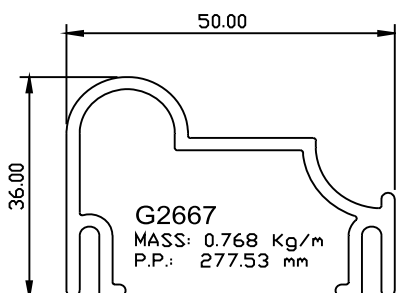
**FL2877**  
**25mm FLUTED TUBE**  
MASS: 0.336 Kg/m  
P.P.: 100 mm



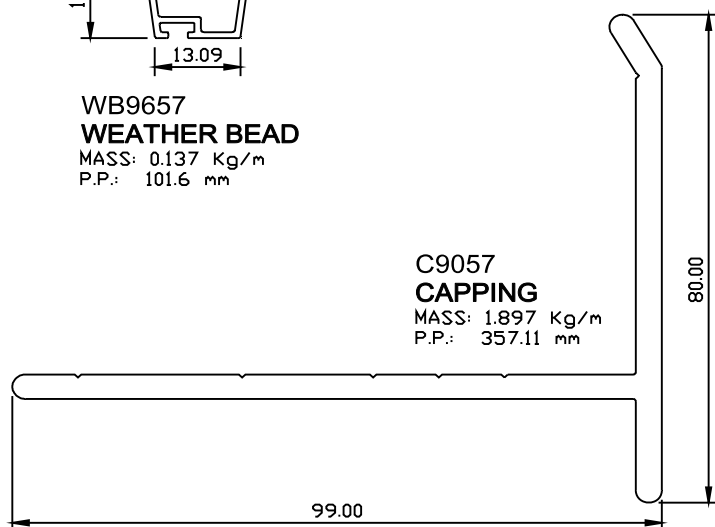
**TK4027**  
**TICKET STRIP**  
MASS: 0.262 Kg/m  
P.P.: 115.8 mm



**WB9657**  
**WEATHER BEAD**  
MASS: 0.137 Kg/m  
P.P.: 101.6 mm



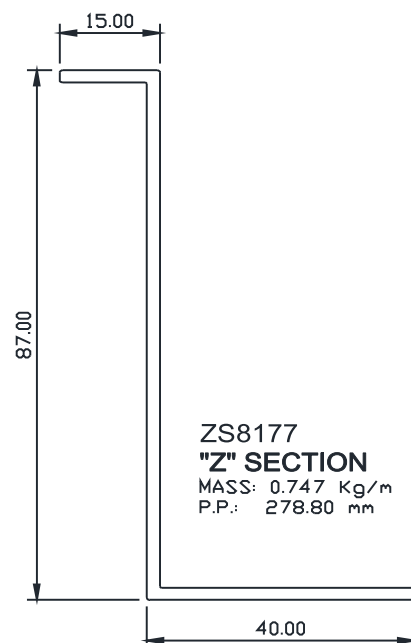
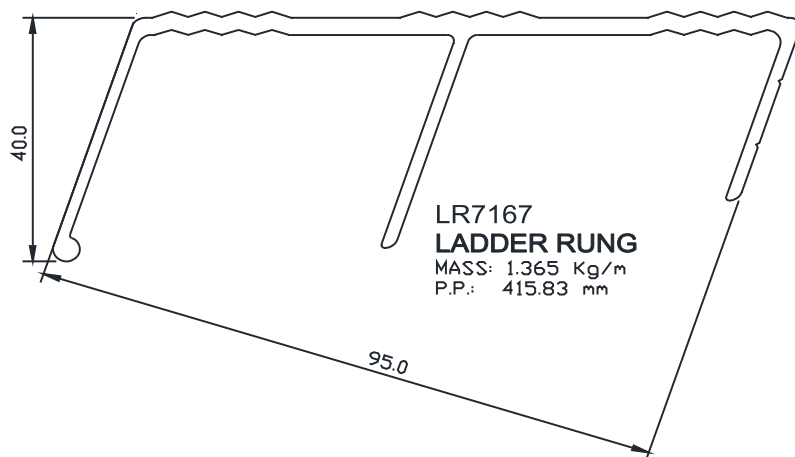
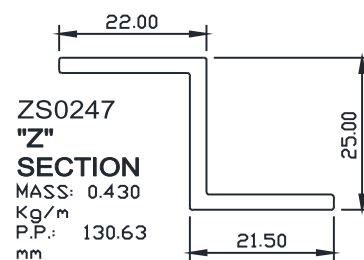
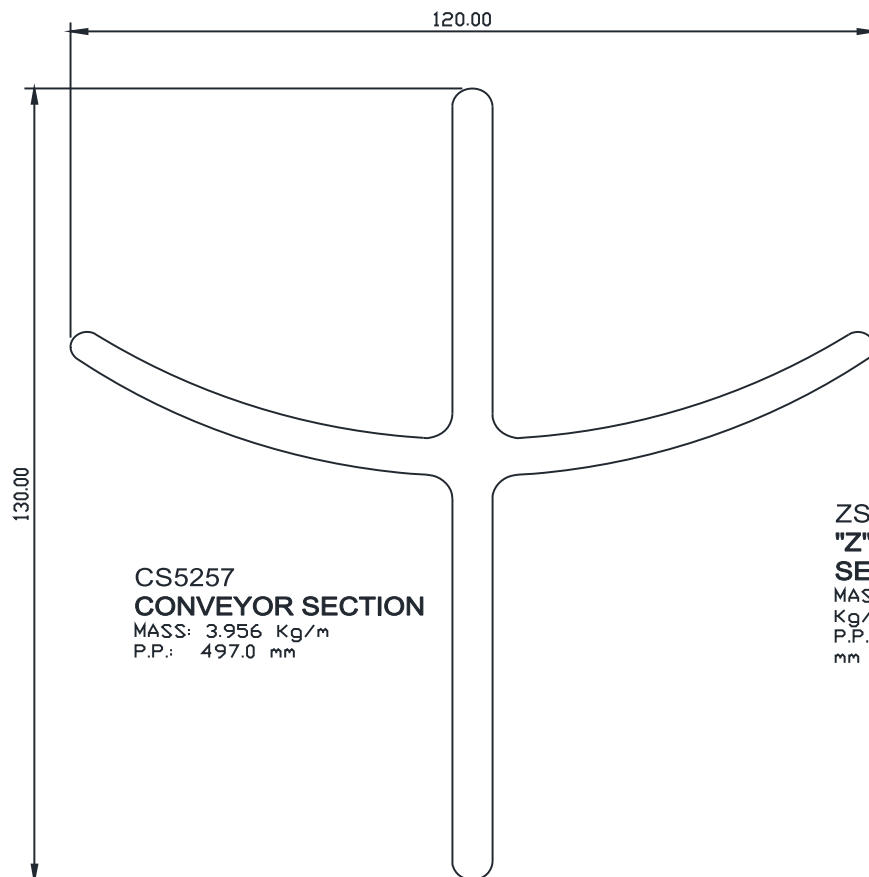
**G2667**  
MASS: 0.768 Kg/m  
P.P.: 277.53 mm



**C9057**  
**CAPPING**  
MASS: 1.897 Kg/m  
P.P.: 357.11 mm

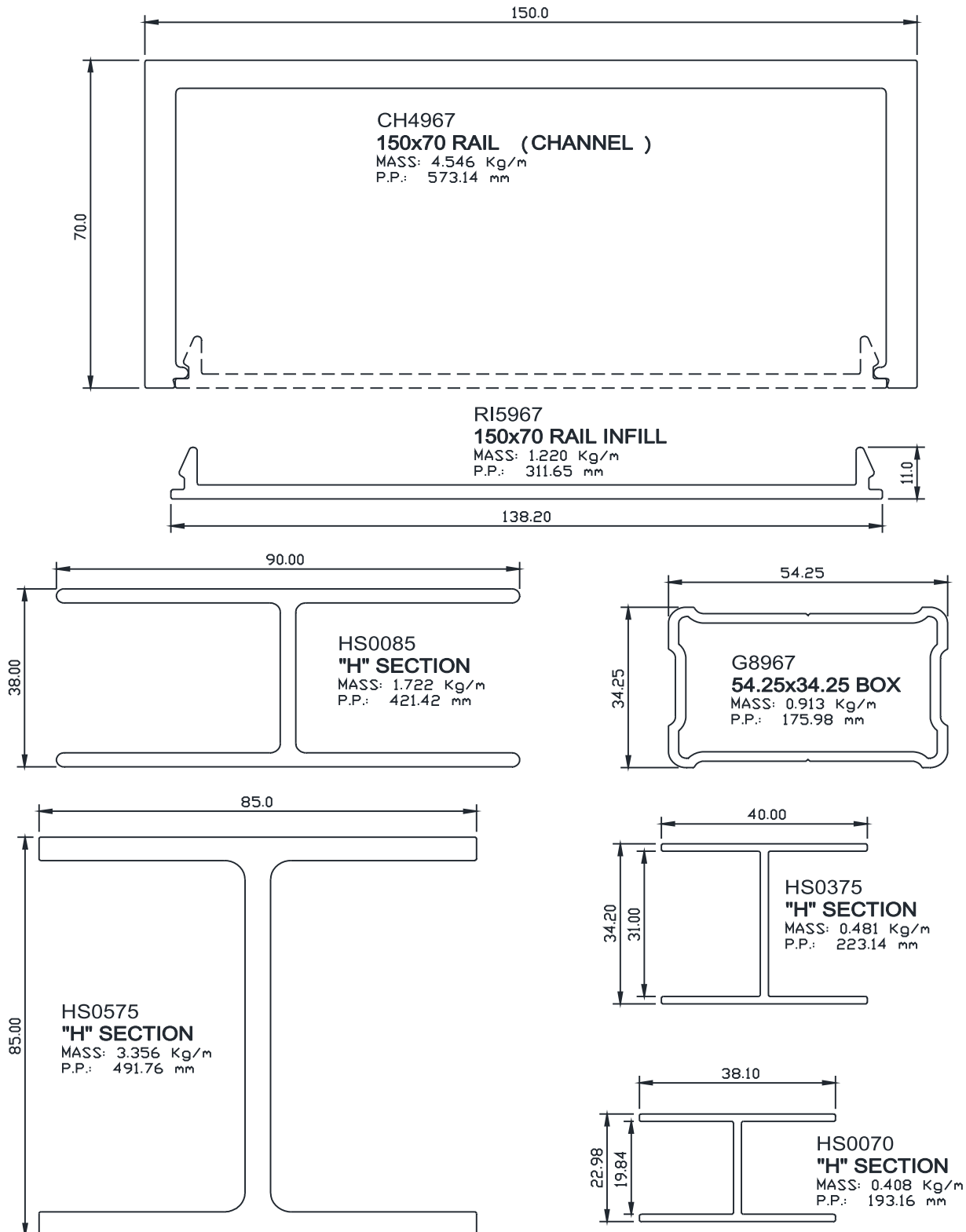
## SPECIALISED PRODUCTS

### General



## SPECIALISED PRODUCTS

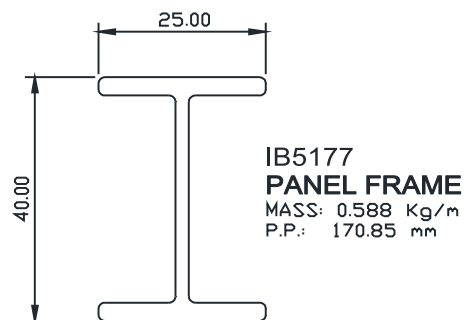
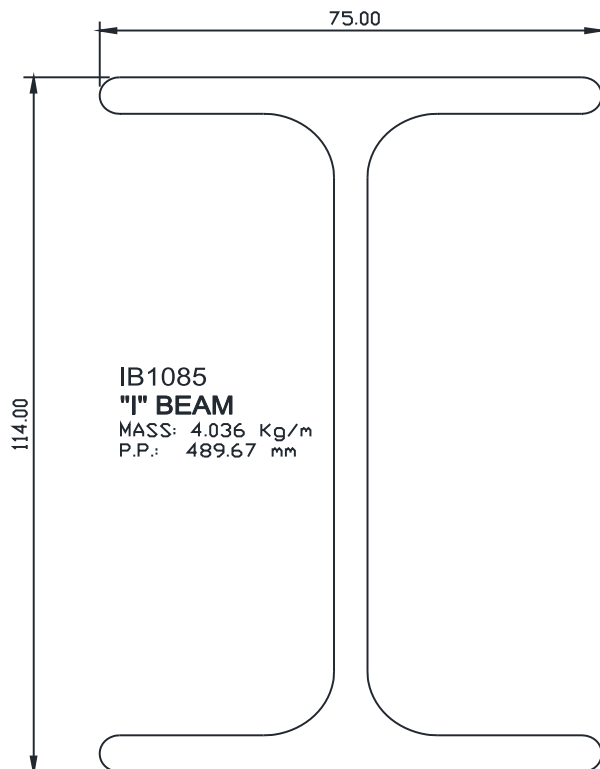
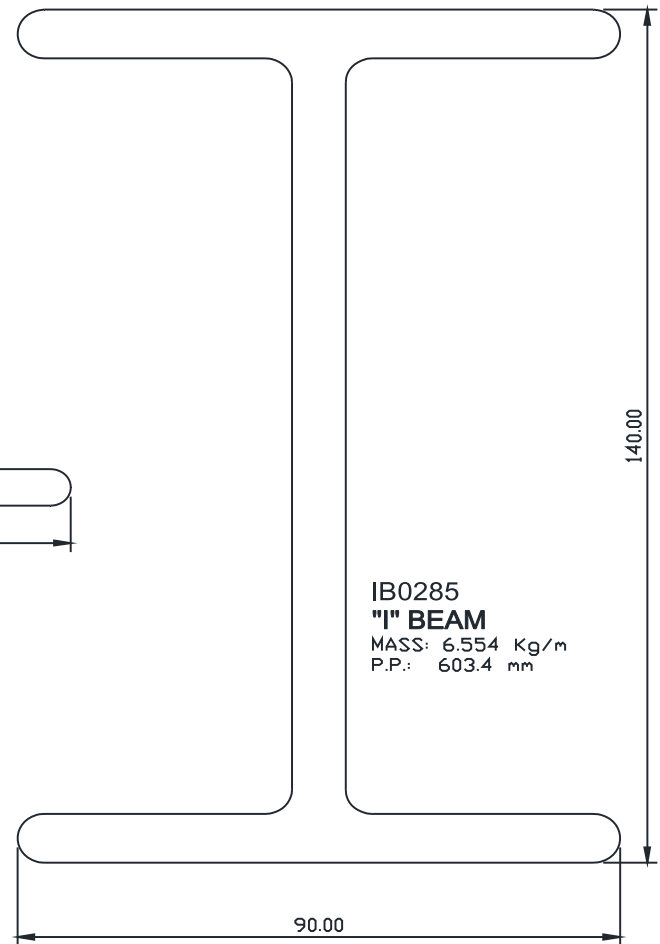
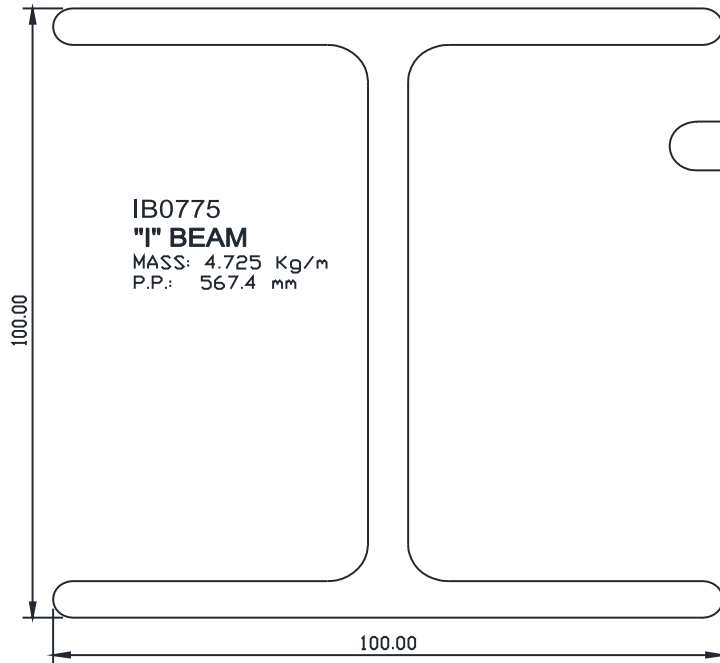
### General





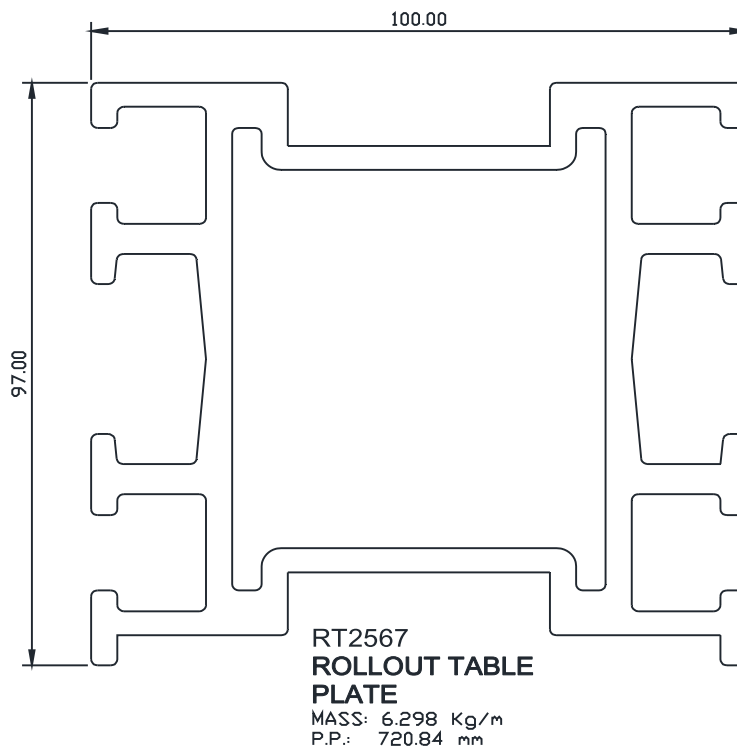
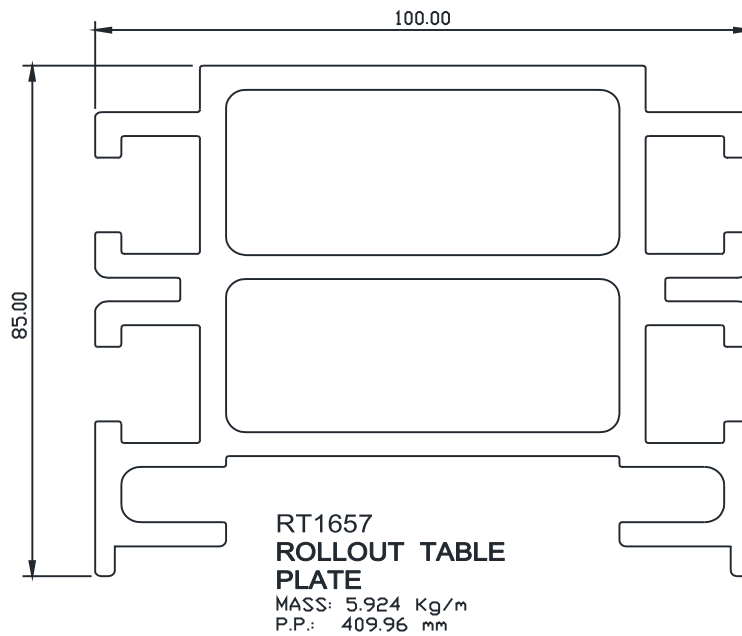
## SPECIALISED PRODUCTS

### General



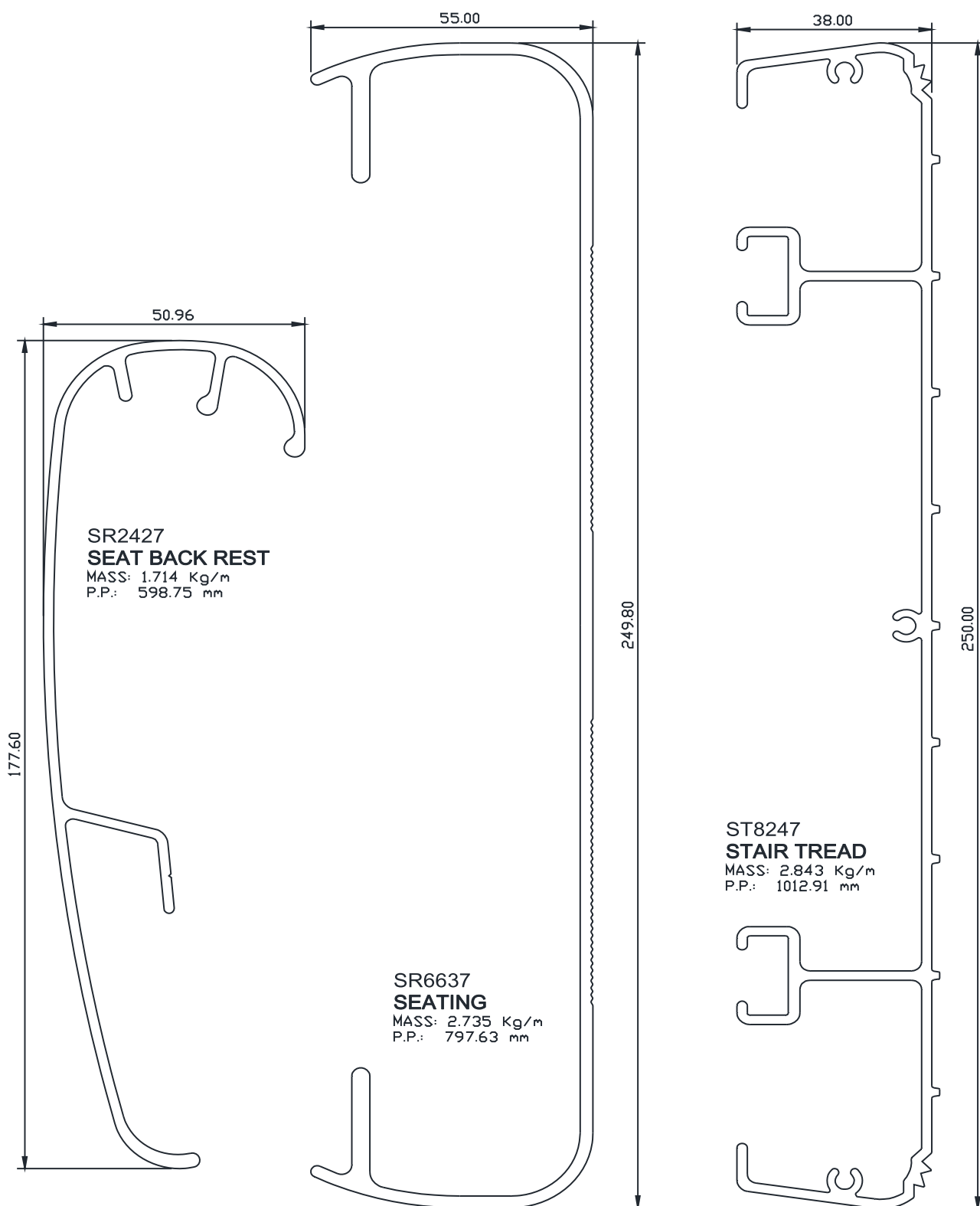
## SPECIALISED PRODUCTS

### General



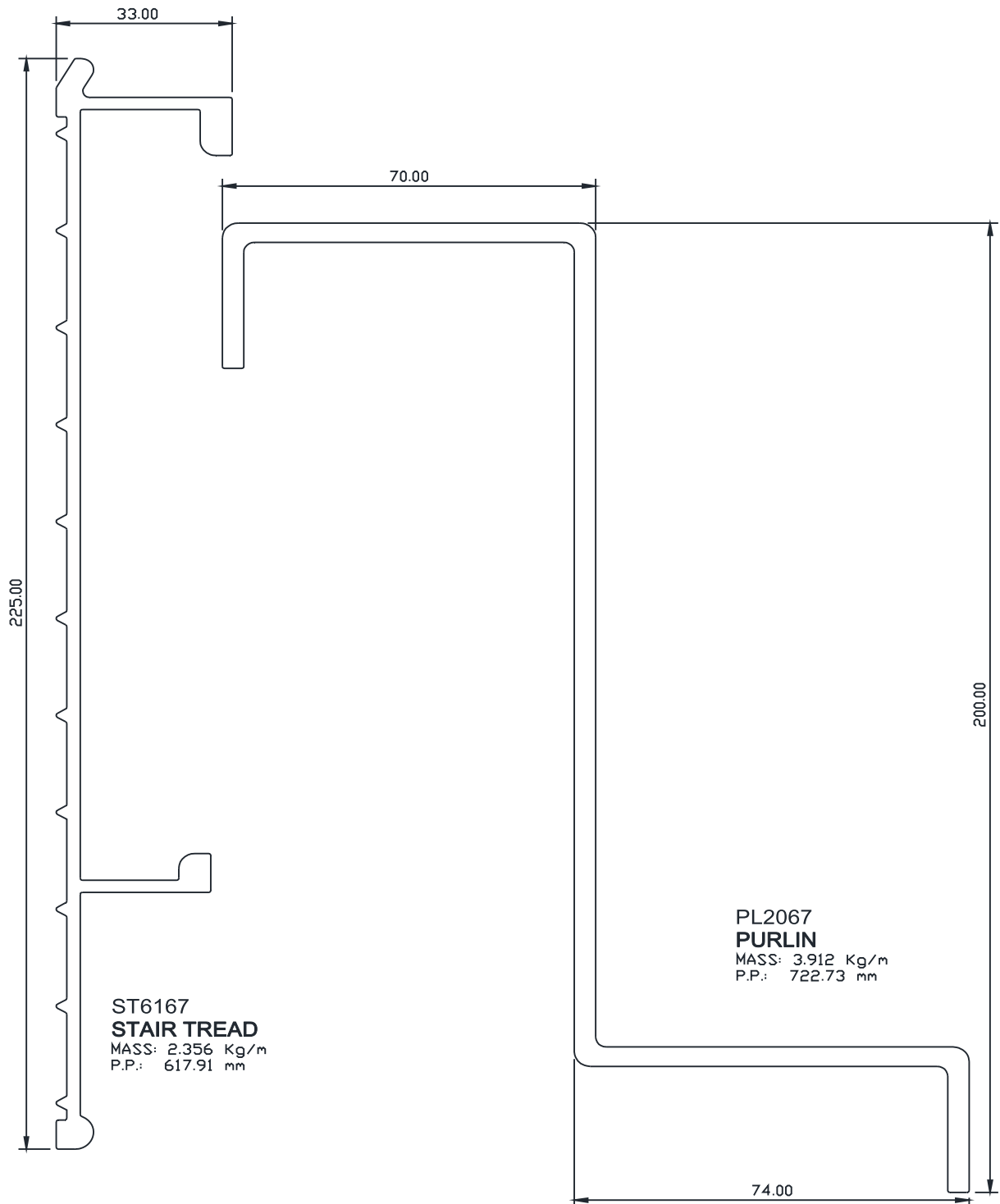
## SPECIALISED PRODUCTS

### General



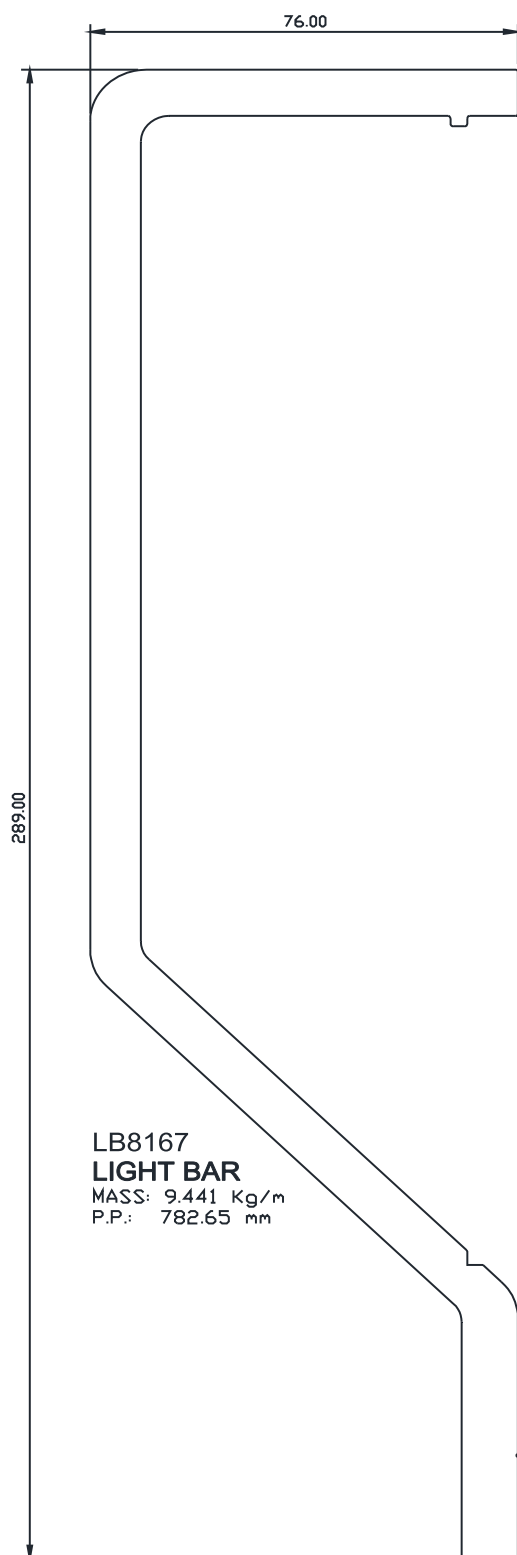
## SPECIALISED PRODUCTS

### General



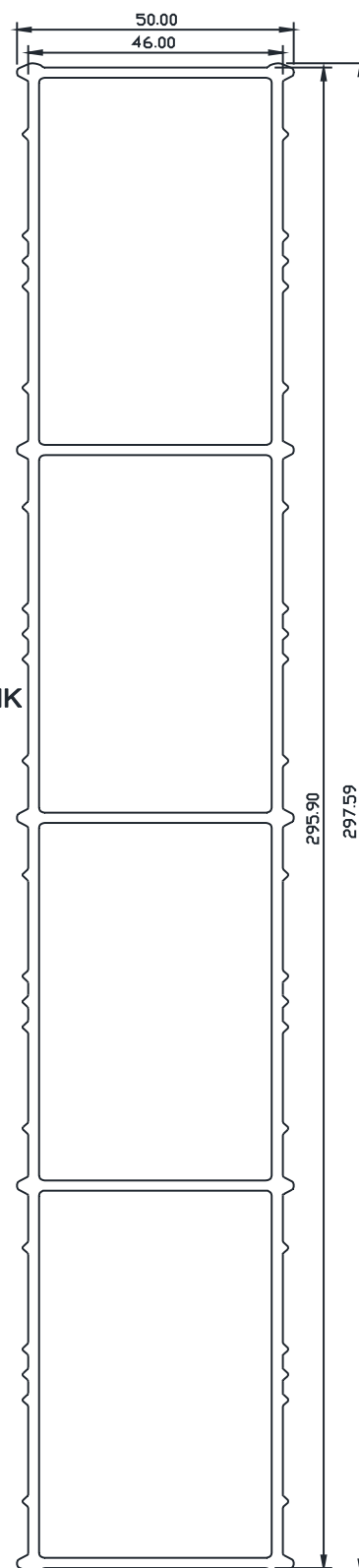
## SPECIALISED PRODUCTS

### General



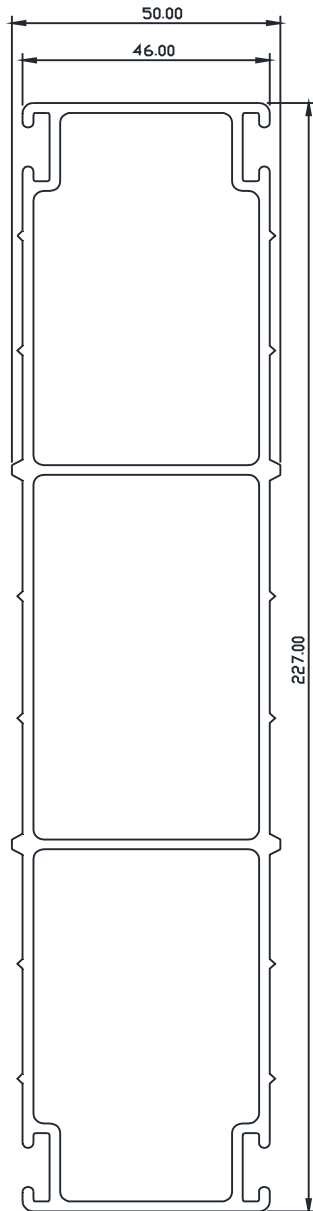
**LB8167  
LIGHT BAR**  
MASS: 9.441 Kg/m  
P.P.: 782.65 mm

**SP1767  
SCAFFOLD PLANK**  
MASS: 4.646 Kg/m  
P.P.: 739.19 mm

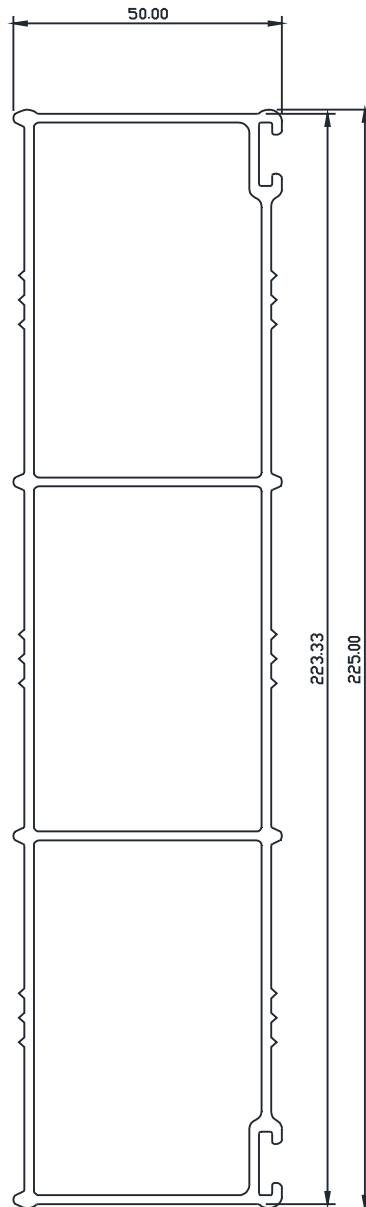


## SPECIALISED PRODUCTS

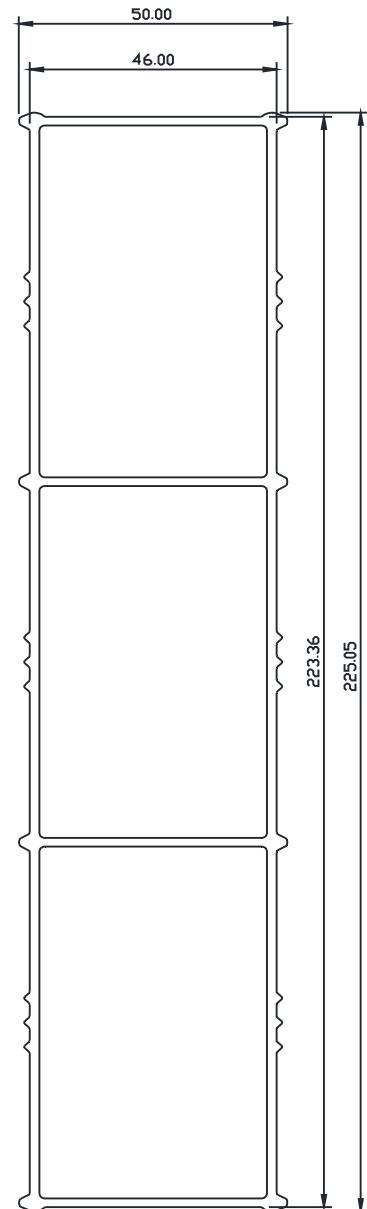
### General



**SP2637**  
**SCAFFOLD PLANK**  
MASS: 3.721 Kg/m  
P.P.: 639.96 mm



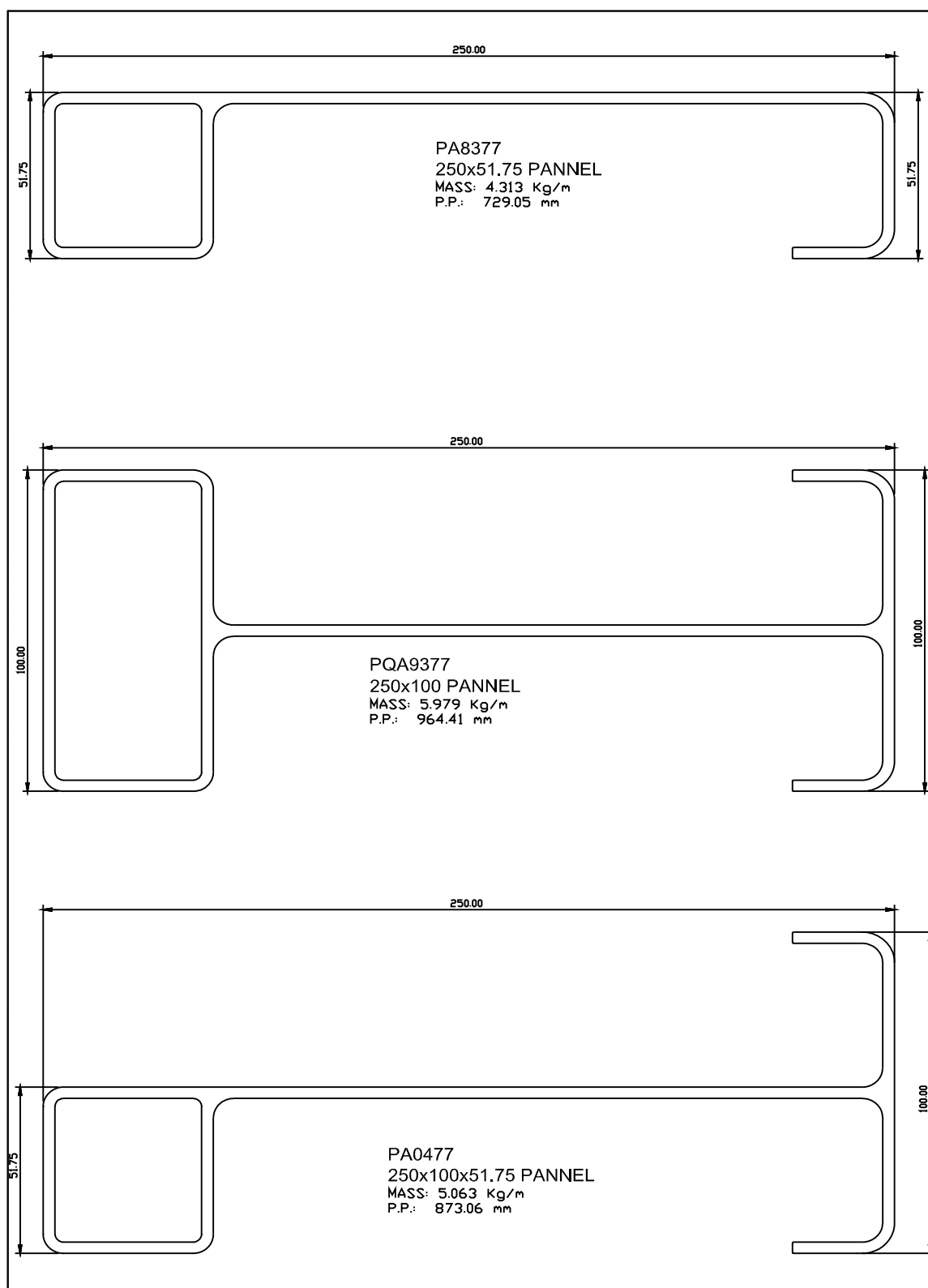
**SP1277**  
**SCAFFOLD PLANK**  
MASS: 3.285 Kg/m  
P.P.: 607.0 mm



**SP2277**  
**SCAFFOLD PLANK**  
MASS: 3.199 Kg/m  
P.P.: 573.0 mm

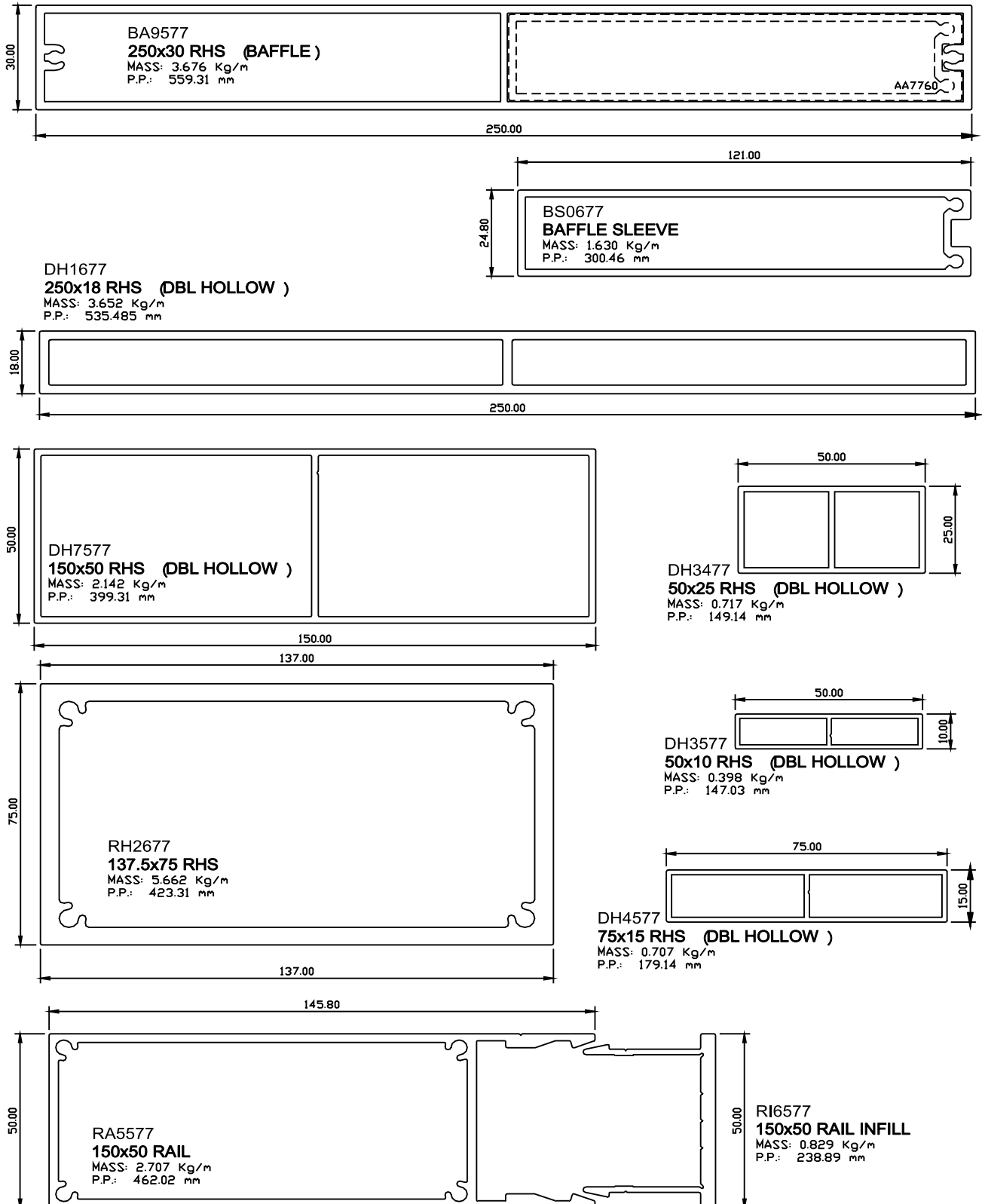
## SPECIALISED PRODUCTS

### General



## SPECIALISED PRODUCTS

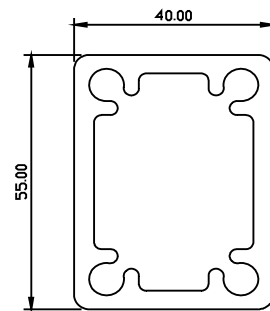
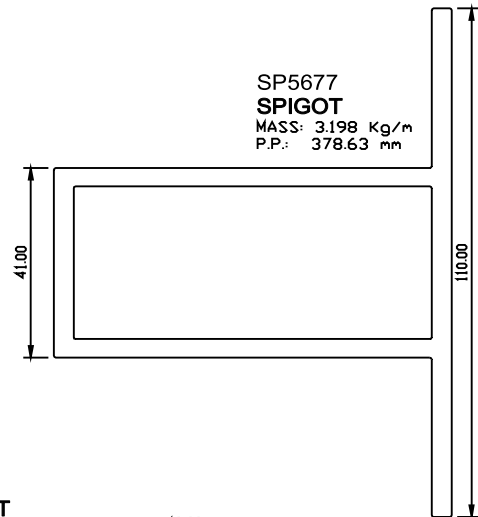
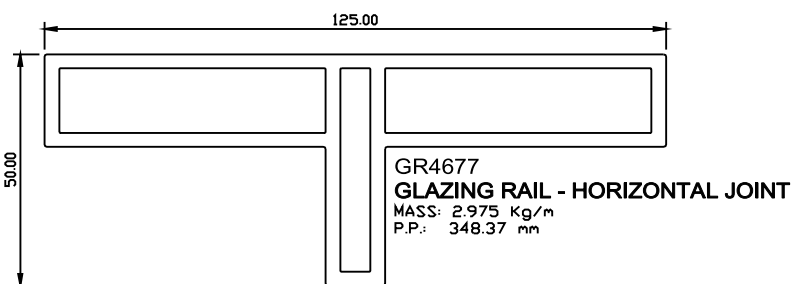
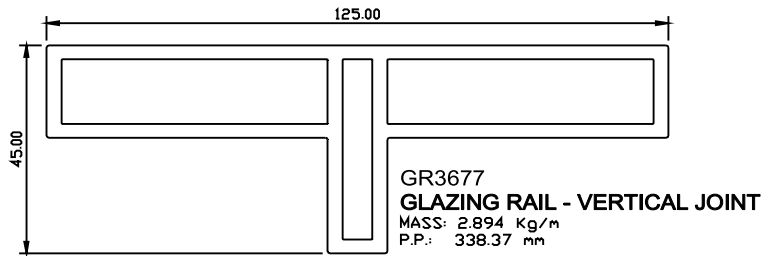
### General





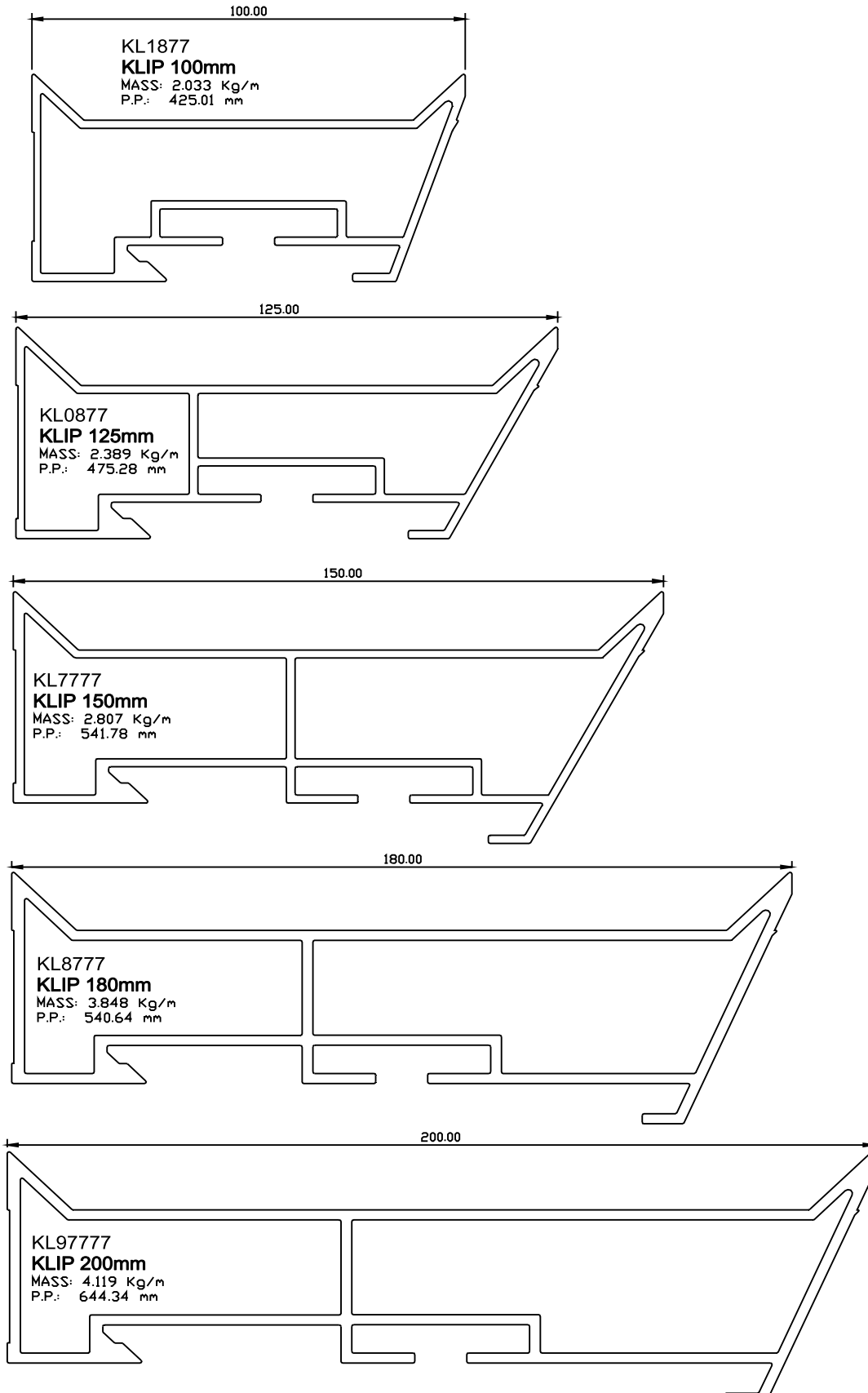
## SPECIALISED PRODUCTS

### General



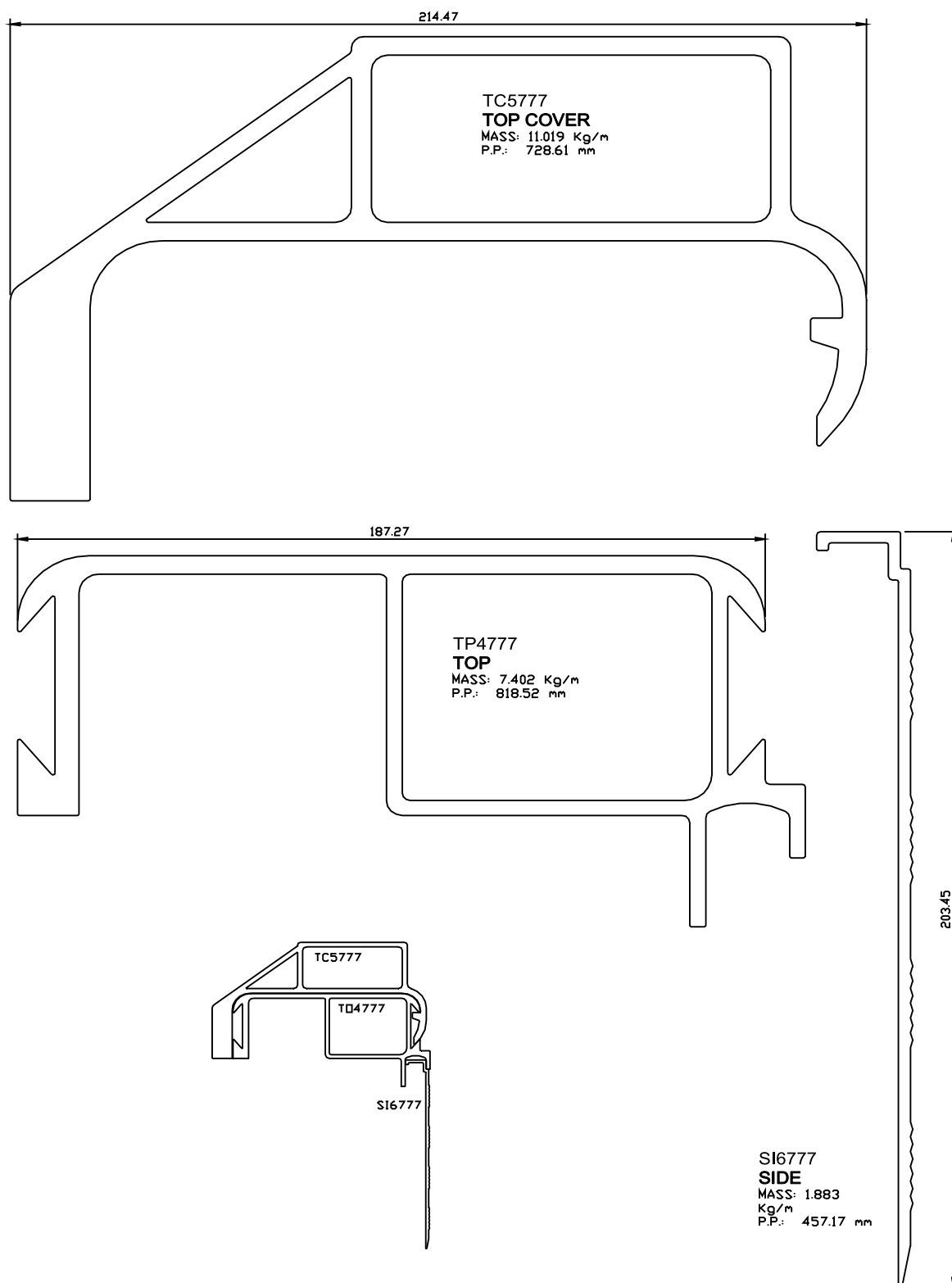
## SPECIALISED PRODUCTS

### General



## SPECIALISED PRODUCTS

### General



## HARDWARE

### FASTENERS

	Stock Code	Description
	670002099	SQ DRIVE ROUND SHANK BIT #1 50MM 6G
	670003099	SQ DRIVE ROUND SHANK BIT #1 100MM 6G
	670005099	SQ DRIVE ROUND SHANK BIT #2 75MM 8/10G
	670006099	SQ DRIVE ROUND SHANK BIT #2 100MM 8/10G
	670007099	SQ DRIVE ROUND SHANK BIT #2 150MM 8/10G
	670106099	PHILLIPS DRIVE BIT #2 75MM
	670107099	PHILLIPS DRIVE BIT #2 100MM
	670108099	PHILLIPS DRIVE BIT #2 150MM
	670611094	6G X 1/2 PAN XR SCREW SS 1000
	670626094	6G X 1 PAN SQ DRIVE SCREW SS 1000
	670651094	6G X 2 PAN SQ DRIVE SCREW SS 500
	670822094	8G X 3/4 PAN SQ DRIVE SCREW SS 1000
	670823094	8G X 1 PAN SQ DRIVE SCREW SS 1000
	670836094	8G X 1 1/4 PAN SQ DRIVE SCREW SS 500
	670849094	8G X 2 PAN SQ DRIVE SCREW SS 500
	671021094	10G X 3/4 PAN SQ DRIVE SCREW SS 1000
	671024094	10G X 1 PAN SQ DRIVE SCREW SS 500
	671039094	10G X 1 1/2 PAN SQ DRIVE SCREW SS 500
	671049094	10G X 2 PAN SQ DRIVE SCREW SS 250
	670614094	6G X 1/2 CSK SQ DRIVE SCREW SS 1000
	670619094	6G X 3/4 CSK SQ DRIVE SCREW SS 1000
	670624094	6G X 1 1/2 CSK SQ DRIVE SCREW SS 1000
	670652094	6G X 2 CSK SQ DRIVE SCREW SS 500
	670813094	8G X 1/2 CSK PHILLIPS U/CUT SS 1000
	670814094	8G X 1/2 CSK SQUARE DRIVE U/CUT SS 1000
	670815094	8G X 3/4 CSK PHILLIPS SS 1000
	670816094	8G X 3/4 CSK SQUARE DRIVE U/CUT SS 1000
	670827094	8G X 1 CSK SQ DRIVE SCREW SS 1000
	670832094	8G X 1 1/4 CSK SQ DRIVE SCREW SS 500
	670840094	8G X 1 1/2 CSK SQ DRIVE SCREW SS 500
	670852094	8G X 2 CSK SQ DRIVE SCREW SS 500
	670860094	8G X 3 CSK XR SCREW SS 250
	671013094	10G X 1/2 CSK PHILLIPS U/CUT SS 1000
	671014094	10G X 1/2 CSK SQUARE DRIVE U/CUT SS 1000
	671015094	10G X 1 CSK PHILLIPS U/CUT SS 500
	671027094	10G X 1 CSK SQ DRIVE SCREW SS 500
	671028094	10G X 1 1/4 CSK SQ DRIVE SCREW SS 500
	671040094	10G X 1 1/2 CSK SQ DRIVE SCREW SS 500
	671052094	10G X 2 CSK SQ DRIVE SCREW SS 250

## HARDWARE

### QUAD SCREWS



Stock Code	Description
670612094	6G X 1/2 PAN SQ QUAD SCREW SS 1000
670625094	6G X 1 PAN SQ QUAD SCREW SS 1000
670627094	6G X 3/4 PAN SQ QUAD SCREW SS 1000
670638094	6G X 1 1/2 PAN SQ QUAD SCREW SS 1000
670650094	6G X 2 PAN SQ QUAD SCREW SS 500
670812094	8G X 1/2 PAN SQ QUAD SCREW SS 1000
670824094	8G X 3/4 PAN SQ QUAD SCREW SS 1000
670825094	8G X 1 PAN SQ QUAD SCREW SS 1000
670837094	8G X 1 1/4 PAN SQ QUAD SCREW SS 500
670838094	8G X 1 1/2 PAN SQ QUAD SCREW SS 500
670850094	8G X 2 PAN SQ QUAD SCREW SS 500
671020094	10G X 3/4 PAN SQ QUAD SCREW SS 1000
671025094	10G X 1 PAN SQ QUAD SCREW SS 500
671037094	10G X 1 1/4 PAN SQ QUAD SCREW SS 500
671038094	10G X 1 1/2 PAN SQ QUAD SCREW SS 500
671050094	10G X 2 PAN SQ QUAD SCREW SS 250
671238094	12G X 1 1/2 PAN SQ QUAD SCREW SS 500
670419094	4G X 3/4 CSK SQ QUAD SCREW SS 1000
670613094	6G X 1/2 CSK SQ QUAD SCREW SS 1000
670620094	6G X 3/4 CSK SQ QUAD SCREW SS 1000
670622094	6G X 1 CSK SQ QUAD SCREW SS 1000
670623094	6G X 1 1/2 CSK SQ QUAD SCREW SS 1000
670818094	8G X 5/8 CSK SQ QUAD SCREW SS 1000
670826094	8G X 1 CSK SQ QUAD SCREW SS 1000
670831094	8G X 1 1/4 CSK SQ QUAD SCREW SS 500
670839094	8G X 1 1/2 CSK SQ QUAD SCREW SS 500
670851094	8G X 2 CSK SQ QUAD SCREW SS 500
671026094	10G X 1 CSK SQ QUAD SCREW SS 500
671051094	10G X 2 CSK SQ QUAD SCREW SS 250



### CHIPBOARD SCREWS



Stock Code	Description
672625099	8G X 25MM CSK PHILLIPS CHIPBOARD ZY 1000
672632099	8G X 32MM CSK PHILLIPS CHIPBOARD ZY 1000
672645099	8G X 45MM CSK PHILLIPS CHIPBOARD ZY 1000
672657099	8G X 57MM CSK PHILLIPS CHIPBOARD ZY 1000
672665099	8G X 65MM CSK PHILLIPS CHIPBOARD ZY 1000
672875099	10G X 75MM CSK PHILLIPS CHIPBOARD ZY 500
672900099	10G X 100MM CSK PHILLIPS CHIPBRD ZY 250

## HARDWARE

### RIVETS



Stock Code	Description
673142001	73AS42 ALUMINIUM STEEL RIVETS 1000
673142010	73AS42 ALUMINIUM STEEL RIVETS 1000
673142033	73AS42 ALUMINIUM STEEL RIVETS 1000
673142059	73AS42 ALUMINIUM STEEL RIVETS 1000
673143001	73AS43 ALUMINIUM STEEL RIVETS 1000
673143010	73AS43 ALUMINIUM STEEL RIVETS 1000
673143033	73AS43 ALUMINIUM STEEL RIVETS 1000
673143059	73AS43 ALUMINIUM STEEL RIVETS 1000
673144001	73AS44 ALUMINIUM STEEL RIVETS 1000
673144010	73AS44 ALUMINIUM STEEL RIVETS 1000
673144033	73AS44 ALUMINIUM STEEL RIVETS 1000
673144059	73AS44 ALUMINIUM STEEL RIVETS 1000
673145001	73AS45 ALUMINIUM STEEL RIVETS 1000
673146001	73AS46 ALUMINIUM STEEL RIVETS 1000
673154001	73AS54 ALUMINIUM STEEL RIVETS 1000
673156001	73AS56 ALUMINIUM STEEL RIVETS 500

### JOBBER DRILL BITS



Stock Code	Description
674122099	7/64 JOBBER HSS DRILL BIT *10 PACK*
674124099	1/8 JOBBER HSS DRILL BIT *10 PACK*
674126099	9/64 JOBBER HSS DRILL BIT *10 PACK*
674128099	5/32 JOBBER HSS DRILL BIT *10 PACK*
674130099	11/64 JOBBER HSS DRILL BIT *10 PACK*
674132099	3/16 JOBBER HSS DRILL BIT *10 PACK*
674133099	5/16 JOBBER HSS DRILL BIT
674134099	13/64 JOBBER HSS DRILL BIT *10 PACK*
674135099	25/64 JOBBER HSS DRILL BIT
674139099	1/2 JOBBER HSS DRILL BIT
674140099	1/4 JOBBER HSS DRILL BIT *10 PACK*
674156099	3/8 JOBBER HSS DRILL BIT *5 PACK*
674222099	7/64 LONG SERIES DRILL BIT
674224099	1/8 LONG SERIES DRILL BIT
674226099	9/64 LONG SERIES DRILL BIT
674230099	11/64 LONG SERIES DRILL BIT
674232099	3/16 LONG SERIES DRILL BIT
674240099	1/4 LONG SERIES DRILL BIT
674432099	3.2MM JOBBER HSS DRILL BIT *10 PACK*
674450099	5MM JOBBER HSS DRILL BIT *10 PACK*
674451099	5MM X 50MM HEX POWER DRIVER BIT 1/4
674455099	5.5MM JOBBER HSS DRILL BIT *10 PACK*

## HARDWARE

### MASONRY DRILL BITS



Stock Code	Description
675211099	5.5MMX160MM SDS MASONRY DRILL BIT
675213099	6MMX160MM SDS MASONRY DRILL BIT
675215099	6.5MMX160MM SDS MASONRY DRILL BIT
675221099	8MMX160MM SDS MASONRY DRILL BIT
675329099	10MMX210MM SDS MASONRY DRILL BIT
675337099	12MMX210MM SDS MASONRY DRILL BIT
675340099	NO.20 DOUBLE ENDED ALPHA DRILL *10 PACK*
675345099	NO.30 DOUBLE ENDED ALPHA DRILL *10 PACK*
675711099	5.5MMX160MM SDS 4 CUTTER MASONRY BIT
675713099	6MMX160MM SDS 4 CUTTER MASONRY BIT
675715099	6.5MMX160MM SDS 4 CUTTER MASONRY BIT
675721099	8MMX160MM SDS 4 CUTTER MASONRY BIT
675829099	10MMX210MM SDS 4 CUTTER MASONRY BIT
675837099	12MMX210MM SDS 4 CUTTER MASONRY BIT







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