



## Who we are....

J K ALU EXTRUSION is an ISO 9001:2015 certified company manufacturing aluminium extruded Profiles for a wide variety of application such as architectural, hardware, luggage, textiles, transportation, electrical, modular furniture, electronics, etc. situated at Dhameda, Gandhinagar, Gujarat, India. The company is the one of the leading players of the India with the production capacity of more than 5000MT per year. The company has been supplying to reputed customers in many industries for more than 5 years.

The company has developed an extensive range of sections suitable for Doors, Windows, Partitions, Curtain Walls, Structural Glazing, cladding, display applications and ancillary sections. Popular sliding series as well as openable series are offered. Our hardware sections include a wide range of flat bars, rods, tubes, angles, handles, channels and hinges.

The company offer architectural sections duly anodized and power coated for modern residences, offices, shops, schools, colleges, universities and establishments. A choice of brilliant colors is available.

J.K. sections are made from the highest quality materials and processes. Sophisticated equipments ensure that sections are made to high quality standards.

The result is that sections are most attractive in looks and give excellent results on anodizing and powder coating. Clients will enjoy satisfaction for years.

## GENERAL INFORMATION

The sections shown in this catalogue are regular profiles for which dies are available with us on the date of publication and are available to customers without die charges. Apart from those covered here, new dies are being continuously developed and added regularly. If the particular section, required by you, is not shown in the catalogue, please write us to meet your specific needs. To avoid confusion and delay in the processing of enquiries and execution of orders, correct and detailed information about the desired sections is required.

The information available in this catalogue is indicative. For e.g. Nominal weight may vary depending upon condition of die during extrusion.

All the standard sections given in the catalogue are generally available in alloy 63400 & temper WP (HE9WP) corresponding to IS-733 & IS-1285. Extrusions in alloys other than these would subject to special enquiry.

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## ALLOY DESIGNATION TABLE-1

INDIA NEW I.S	OLD I.S.	U.S.A. (A.A.)	BRITAIN (B.S.)	CANADA	GERMANY (DIN)	RUSSIA	I.S.O.	FRENCH ND
19501	1E	1050 (E.C)	1E	C 1S	E-Al99.5	-	-	-
19500	1B	1050	1B	1S	A-99.5	-	A-99.6	1050A
19600	-	1060	-	-	-	-	-	-
19700	-	1070	-	-	Al-99.7	-	Al-99.7	-
19800	1A	1080	1A	-	-	-	Al-99.8	-
19000	1C	1100	1C	25	Al-99.0	AD	Al-99.0	1200
24345	H15	2014	H15	6265	Al-Cu-Si	AK	-	-
31000	N3	3003	N3	3S	Al-Mn	A-Mn	Al-Mn 1	3003
65032	H20	6061	H20	65S	Al-Mg-Si-Cu	-	Al-Mg-1Si-Cu	-
63400	H9	6063	H9	50S	Al-Mg-Si 0.5	-	Al-Mg-Si	-
64430	H30	6351	H30	B51S	Al-Mg-Si 1	AV	Al-Si-1 Mg	6081
64423	H11	6066	H11	C62S	-	-	-	-
62400	-	6005	-	C51S	-	-	-	-
63401	91E	6101	91E	D50S	E Al-Mg Si 0.5	-	-	-
64401	-	6201	-	-	-	-	-	-

## ALLOY SECTION (FUNCTIONAL REQUIREMENT) TABLE No. 2

ALLOY	TEMPER	RESISTANCE TO CORROSION	WORKABILITY (COLD)	MACHINABILITY	BRAZABILITY	WELDABILITY	COMMONLY AVAILABLE FORMS	INDICATION OF USE
EC/1050 1,060.00 (1B) (19501) (19500) (19600)	F.O	A	A	D	A	A	FLAT, RODS, TUBES & OTHER SECTION	Electrical conductors, cable sheathings, impact- extruded products, pressing utilities of anodizing quality, pen caps, piping etc.
5052 (N 4) (52000)	0.F	A	A	D	C	A	FLAT, RODS, TUBES & OTHER SECTION	Structures exposed to marine Atmosphere, aircraft, parts, wire rope ferrules, rivet stock
6061 ((H20) (65032)	0.F T4 T6	A A A	A S D	D C C	A A A	A A A	FLAT, RODS, TUBES & OTHER SECTION	Heavy duty structure, building hardware, sections for bus body truck and rail coach, furniture rivets etc.
6063 (H 9)	0.F T4 T6 T5	A A A A	A B C C	C C C C	A A A A	A A A A	FLAT, RODS, TUBES & OTHER SECTION	Building hardware, architectural sections with good surface finish, medium strength furniture and Anodised sections.
6066 (22450)	0.F T4 T6	B B B	B C C	D B B	A A A	A A A	RODS TUBES & OTHER SECTION	For welded structures, textile parts, heavy duty structure, machine parts

## ALLOY SECTION (FUNCTIONAL REQUIREMENT)

ALLOY	TEMPER	RESISTANCE TO CORROSION	WORKABILITY (COLD)	MACHINABILITY	BRAZABILITY	WELDABILITY	COMMONLY AVAILABLE FORMS	INDICATION OF USE
6101 (91 E) (63401)	T4 T6	A A	B B	C C	A A	A A	FLAT, RODS, TUBES & OTHER SECTION	High Strength Electrical Busher Section
6201 (64401)	T4	A	A	C	A	A	Redraw Rod	Overhead Conductors, ACAR and AAAC.
6351 (H 30) (64430)	0.F T4 T6	A A A	A B D	D C C	A A A	A A A	FLAT, RODS, TUBES & OTHER SECTION	Structural and General Engineering Item Such as rail & road transport vehicle, bridges, Cranes, roof trusses, rivets etc.
6066 (22450)	0.F T4 T6	B B B	B C C	D B B	A A AA	A A A	Rods Tubes & Other Section	For welded structures, textile parts, Heavy duty structure, machine parts

## WROUGHT ALLOY TABLE - 3 : Chemical Composition Limits (Percent)

### WROUGHT ALLOY

Alloy (ISS) OLD	New	Equivalent Alloy (AA) U.S.A	Copper Min.	Max.	Magnesium Min.	Max.	Silicon Min.	Max.	Iron Max.	Manganese Min.	Max.	Others (Total) Max.	Remark
1B	19500	1050	-	0.05	-	-	-	0.25	0.4	-	0.05	0.1	Aluminum 99.0% min.
N4	52000	5052	-	0.1	1.7	2.6	-	0.6	0.5	-	0.5	0.4	Cr+Mn=0.5
-	-	6061	0.15	0.4	0.8	1.2	0.4	0.8	0.7	-	0.15	0.4	Chromium 0.04 to 0.35
H9	63400	6063	-	0.1	0.4	0.9	0.3	0.7	0.6	-	0.3	0.4	-
-	-	6066	0.7	0.2	0.8	1.4	0.9	1.8	0.7	0.6	1.1	0.4	-
91E	63401	6101	-	0.05	0.4	0.9	0.3	0.7	0.5	-	0.03	0.1	-
-	64401	6201	-	0.1	0.6	0.9	0.5	0.9	0.5	-	0.03	0.1	-
H 30	64430	6351	-	0.1	0.4	1.2	0.6	1.3	0.6	0.4	1.0	0.3	-
-	-	6082	-	0.1	0.6	1.2	0.7	1.3	0.5	0.4	1.0	0.3	-Chromium Upto 0.25

**TABLE-4**

**Wrought alloys : Surface Finishing (Suitability)**

Suitable for					
Alloy	Protective Anodising	Anodising & Dyeing	Bright Anodising	Plating	Vitreousa Immeligin
1050 / 1070	E	E	V	V	G
2014 / 2017	M	M(D)	U	V	U
3003	G	G	M	G	V
6061	G	G	M	O	O
6063	V	V	G-V	O	O
6066	M	M(D)	U	V	U
6351	G	G	M	O	O

- E Excellent  
 V Very good  
 G Good  
 M Moderate  
 U Unsuitable  
 D Only Suitable for dark colours  
 O Modified technique is essential and some initial difficulties may occur.

**Standard Manufacturing Tolerance**

The Standard manufacturing tolerance given here are applicable to the average shape. Wide tolerance may be required for some shapes, and closer tolerance may be possible for others. For 5052, 5056, 5083, 5086 and other high magnesium alloys, special (wider) tolerances will be applicable.

Tolerances stricter than Standard shall be subjected to special enquiry.

**TABLE - 5**

**Round Bars/Rods : Diameter Tolerance**

Specified Diameter mm		Class A	Tolerance (mm)	Class B
-	Upto 12.0	0.03	0.07	0.20
Over 12.0	Upto 25.0	0.05	0.10	0.25
Over 25.0	Upto 40.0	0.07	0.13	0.30
Over 40.0	Upto 50.0	0.13	0.13	0.38
Over 50.0	Upto 56.0	0.15	0.15	0.46
Over 56.0	Upto 71.0	0.20	0.20	0.53
Over 71.0	Upto 80.0	0.25	0.25	0.61
Over 80.0		0.5%	0.5%	1%

Notes :

- Class 'A' is for drawn rods.
- Class 'B' is normal tolerance for extruded rods.

**TABLE - 6**  
**Solid Sections : Width Tolerance (at closed ends)**

Specified width or width across flats mm	Tolerance mm+
4	0.18
5	0.20
6	0.20
8	0.23
10	0.23
12	0.25
16	0.28
20	0.30
25	0.30
32	0.38
40	0.46
50	0.46
60	0.53
80	0.69
100	0.69
120	0.76
160	1.02
200	1.14

Notes :

1. For intermediate size, take tolerance for the next higher value.
2. Width tolerance on open ends of Solid Section such as Channel, etc., are given separately in Table-8

**TABLE - 7**  
**Solid Section : Width Tolerance (at open ends)**



Displacement of any one leg to be controlled independently by tolerance on angle

Tolerance : open ends of Channels and I-beams

Specified Width mm	Depth of flange or leg (mm)			
	6.5 to 16.0	16.1 to 32.0	32.1 to 64.0	64.0 to 150.0
	Width Tolerance mm+			
Upto 6.0	0.30	-	-	-
6.1 to 12.0	0.35	0.40	0.45	-
12.1 to 20.0	0.40	0.45	0.50	-
20.1 to 25.0	0.45	0.50	0.55	0.65
25.1 to 38.0	0.50	0.55	0.65	0.75
38.1 to 50.0	0.60	0.70	0.80	0.90
50.1 to 100.0	0.80	0.90	1.20	1.50
100.1 to 150.0	1.10	1.30	1.70	2.00
150.1 to 200.0	1.50	1.60	2.10	2.50

Notes :

1. Tolerance on either internal or external gap (between flanges or legs) can be guaranteed depending on requirements.
2. Width tolerance at closed ends are given in Table - 7.
3. These tolerance are applicable to channels, I-Beam and other such sections where there are both opened and closed ends.

## TABLE-8

### Solid section : Thickness tolerance

Specified** Thickness mm	Width of Section (mm)														
	12	16	20	25	32	40	50	63	80	100	125	160	200	250	320
1.2	0.20	0.20	0.20	0.20	0.20	-	-	-	-	-	-	-	-	-	-
1.6	0.18	0.20	0.20	0.20	0.20	-	-	-	-	-	-	-	-	-	-
2.0	0.18	0.20	0.20	0.20	0.20	0.23	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.46	-
2.5	0.18	0.20	0.20	0.20	0.20	0.23	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.46	-
3.2	0.18	0.20	0.20	0.20	0.23	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.48	-
4.0	0.20	0.23	0.23	0.23	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.46	0.51	-
5.0	0.20	0.23	0.23	0.23	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.46	0.51	-
6.0	0.20	0.23	0.23	0.23	0.25	0.28	0.30	0.33	0.36	0.41	0.46	0.51	0.56	0.66	-
8.0	0.23	0.25	0.25	0.25	0.28	0.30	0.33	0.36	0.38	0.43	0.48	0.53	0.58	0.71	-
10.0	0.23	0.25	0.25	0.25	0.28	0.30	0.33	0.36	0.38	0.43	0.48	0.53	0.58	0.71	-
12.0	0.25	0.28	0.28	0.28	0.30	0.33	0.36	0.38	0.41	0.46	0.48	0.53	0.58	0.74	0.97
16.0	0.28	0.30	0.30	0.30	0.33	0.36	0.38	0.41	0.43	0.48	0.51	0.56	0.61	0.76	1.02
20.0	-	0.30	0.30	0.30	0.36	0.38	0.41	0.43	0.46	0.51	0.53	0.61	0.69	0.79	1.04
25.0	-	0.30	0.30	0.30	0.36	0.38	0.41	0.43	0.46	0.51	0.53	0.61	0.69	0.79	1.04
32.0	-	-	-	-	0.38	0.41	0.43	0.46	0.48	0.53	0.56	0.66	0.74	-	-
40.0	-	-	-	-	-	0.46	0.48	0.51	0.53	0.56	0.61	0.71	0.79	-	-
50.0	-	-	-	-	-	-	0.53	0.56	0.58	0.61	0.66	0.76	0.84	-	-
63.0	-	-	-	-	-	-	-	0.60	0.64	0.66	0.71	0.81	0.89	-	-
80.0	-	-	-	-	-	-	-	-	0.69	0.71	0.74	0.86	0.94	-	-
100.0	-	-	-	-	-	-	-	-	-	0.76	0.79	0.91	0.99	-	-
125.0	-	-	-	-	-	-	-	-	-	-	0.89	0.97	1.04	-	-

\* To be regarded as special sections.

\* For intermediate size, take tolerance for the next higher value.

## TABLE - 9

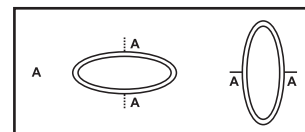
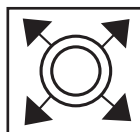
### Round Tubes : Wall Thickness Tolerance

Specified Wall Thickness (mm)	Tolerance (mm)	
	Class 1 ±	Class 1 ±
Upto 1.2	0.30	-
1.60	0.30	-
1.80	0.30	-
2.00	0.30	-
2.24	0.30	-
2.50	0.33	-
2.80	0.36	-
3.15	0.40	0.90
3.55	0.43	0.94
4.00	0.48	0.97
4.50	0.51	1.02
5.00	0.56	1.07
5.50	0.61	1.12
6.30	0.67	1.18
7.10	0.76	1.27
8.00	0.97	1.47
9.00	1.10	1.60
10.00	1.22	1.73
11.20	1.28	1.79
12.50	1.35	1.85

#### Note :

1. Tubes with wall thickness intermediate between standard size will have the tolerance of the next higher wall thickness.
2. Tolerance on standard wall thickness above 12.50 mm may be as agreed to between the purchaser and the supplier.
3. For Al-Zn-Mg and Al-Cu alloys, class 2 tolerance shall apply.
4. For Al-, Al-Mn and Al-Mg-Si alloys, class 1 tolerances.

**TABLE - 10**  
**Round Tubes :**  
**Diameter Tolerance**



Specified Diameter Outside or Inside mm	Allowable Deviation of Mean Diameter $\frac{1}{2} (AA+BB)$ from Specified Diameter (Dia. Tolerance) mm $\pm$	Allowable Deviation O Diameter at any point from specified Diameter (Ovalness Tolerance) mm $\pm$
from 9 upto 16	0.25	0.50
Over 18 upto 30	0.30	0.60
Over 30 upto 40	0.36	0.80
Over 40 upto 50	0.45	0.90
Over 50 upto 60	0.54	1.00
Over 60 upto 80	0.60	1.30
Over 80	1% of dia	2.5% of dia

**Notes :**

1. When outside diameter and wall thickness are all specified, standard tolerance are applicable to any two of these dimensions, but not of all there.
2. Mean diameter is the average of two diameters measurement taken at right angles to each other at any point along the length. In other words, mean diameter is  $\frac{1}{2} (AA+BB)$ .
3. Ovalness tolerance is not applicable for annealed temper or if the wall thickness is less than 2.5% of the outside diameter.

**TABLE - 11**  
**Hollow Sections : Wall Thickness Tolerance**

Wall Thickness mm		Width of Overall dimensions (mm)														
Over	Upto	10.0	20.0	30.0	40.0	50.0	60.0	80.0	100.0	120.0	140.0	160.0	180.0	200.0	225.0	250.0
Upto	20.0	33.0	40.0	50.0	60.0	80.0	100.0	120.0	140.0	160.0	180.0	200.0	225.0	250.0		
<b>Class B</b>																
Over	Upto															
1.0	1.5	0.28	0.28	0.28	0.30	-	-	-	-	-	-	-	-	-	-	-
1.5	2.0	0.30	0.33	0.33	0.36	-	-	-	-	-	-	-	-	-	-	-
2.0	2.5	0.33	0.33	0.36	0.38	0.43	0.46	-	-	-	-	-	-	-	-	-
2.5	3.0	0.41	0.43	0.46	0.48	0.51	0.53	0.56	-	-	-	-	-	-	-	-
3.0	4.0	0.53	0.56	0.58	0.61	0.64	0.63	0.69	0.71	0.74	-	-	-	-	-	-
4.0	5.0	-	0.71	0.74	0.76	0.79	0.81	0.84	0.86	0.89	0.91	0.94	1.02	-	-	-
5.0	6.0	-	-	0.97	0.99	1.02	1.04	1.07	1.09	1.12	1.14	1.17	1.19	1.22	1.24	-
6.0	8.0	-	-	-	1.22	1.24	1.27	1.30	1.32	1.35	1.37	1.40	1.42	1.45	1.47	-
8.0	10.0	-	-	-	-	1.47	1.50	1.52	1.55	1.57	1.60	1.63	1.65	1.58	1.70	-
10.0	12.0	-	-	-	-	1.73	1.75	1.78	1.8	1.83	1.85	1.88	1.90	1.93	1.96	-
12.0	16.0	-	-	-	-	-	1.98	2.00	2.03	2.06	2.08	2.11	2.13	2.16	2.18	-
16.0	20.0	-	-	-	-	-	-	2.24	2.26	2.29	2.31	2.34	2.36	2.39	2.41	-
20.0	25.0	-	-	-	-	-	-	2.49	2.51	2.54	2.57	2.59	2.62	2.64	2.67	-
<b>Class A</b>																
1.5	2.0	0.28	0.30	0.30	0.33	-	-	-	-	-	-	-	-	-	-	-
2.0	2.5	0.30	0.30	0.33	0.36	0.41	0.43	-	-	-	-	-	-	-	-	-
2.5	3.0	0.30	0.30	0.36	0.38	0.43	0.46	0.51	-	-	-	-	-	-	-	-
3.0	4.0	0.30	0.36	0.36	0.41	0.46	0.51	0.56	0.61	0.69	-	-	-	-	-	-
4.0	5.0	-	0.41	0.43	0.46	0.51	0.56	0.61	0.69	0.76	0.84	0.91	0.99	-	-	-
5.0	6.0	-	-	0.46	0.51	0.56	0.61	0.69	0.76	0.84	0.91	0.99	1.07	-	-	-
6.0	8.0	-	-	-	0.56	0.61	0.69	0.76	0.84	0.91	0.99	1.07	1.14	-	-	-
8.0	10.0	-	-	-	-	0.69	0.76	0.84	0.91	0.99	1.07	1.14	1.22	-	-	-
10.0	12.0	-	-	-	-	0.76	0.84	0.91	0.99	1.07	1.14	1.22	1.30	-	-	-
12.0	16.0	-	-	-	-	-	0.91	0.99	1.07	1.14	1.22	1.30	1.37	-	-	-
16.0	20.0	-	-	-	-	-	-	1.07	1.14	1.22	1.30	1.37	1.45	-	-	-

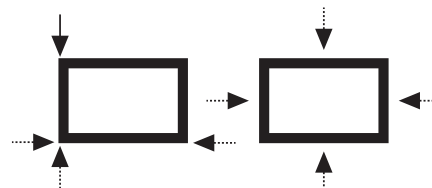
**Notes :**

1. These tolerance are applicable to hollow section other than round tubes.
2. For non-heat-treatable alloys, these tolerance are applicable when wall thickness of the section is at least 1.5 mm or 1/32 of overall width, whichever is greater, for heat-treated alloys, these tolerance are applicable when wall thickness is at 1.5 mm or 1/24 of overall width, whichever is greater.
3. Unless otherwise specified class B tolerance will be applicable.
4. For high-magnesium non heat-treatable alloys (5052, 5056, 5083, 5086) an extra tolerance of 50% shall be allowed.



**TABLE - 12**

**Hollow Section : Width Tolerance**



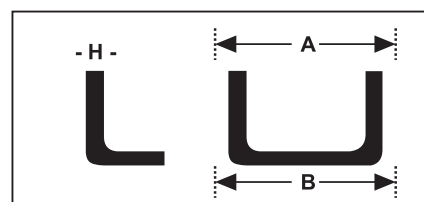
Specifies Width or Width across flats (mm)		Width tolerance $\pm$ when measured	
		at corners	at centre
Over	Upto		
10.0	20.0	0.30	0.46
20.0	30.0	0.38	0.55
30.0	40.0	0.45	0.65
40.0	50.0	0.52	0.80
50.0	60.0	0.60	1.00
60.0	80.0	0.70	1.20
80.0	100.0	0.80	1.40
100.0	120.0	0.89	1.65
120.0	140.0	1.02	1.90
140.0	160.0	1.14	2.20
160.0	180.0	1.27	2.45
180.0	200.0	1.40	2.70

**Notes :**

1. These tolerance are applicable to hollow sections other than round tubes.
2. For non-heat-treatable alloys, these tolerances are applicable when wall thickness of the section is at least 1.5 mm or 1/32 of overall width, whichever is greater, for heat-treated alloys, these toierance are applicable when wall thickness is at least 1.5 mm or 1/24 or overall width, whichever is greater.
3. For high-magnesium non-heat-treatable alloys (5052, 5056, 5083, 5086), an extra tolerance of 50% shall be allowed.

**TABLE - 13**

**Solid & Hollow Sections : Angularity Tolerance**



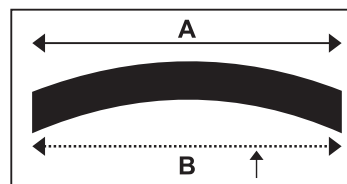
Displacement of any one leg to be controlled independently by angular tolerances

Specified thickness of thinnest leg mm	Allowable deviation from specified angle degree $\pm$
Upto 5.0	2.0
Over 5.0 upto 19.0	1.5
Over 19.0	1.0

**Notes :**

Angles should be measured at the extremities of the section, if the cases of the sections are convex, the angle should be measured by balancing the arms of the protractor at the middle of the section.

**TABLE - 14**  
**Solid & Hollow Sections : Flatness Tolerance**



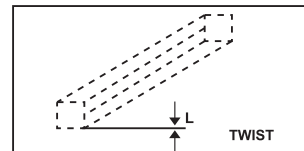
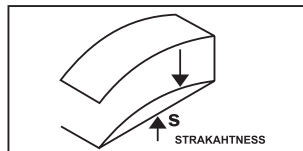
Width of section (mm)		Tolerance ± mm
Over	Upto & including	
-	25	0.18
25	38	0.25
38	50	0.30
50	-	0.30 plus 0.13 mm for every 25 mm of width (See ex below)

Example : The Tolerance for a solid section of 150 mm width shall be as follows :  
 $\pm (0.30 + 0.13 \times \frac{150}{25}) = (0.30 \pm 0.13 \times 6) = \pm 1.08 \text{ mm}$

Notes :

1. Flatness tolerance is measure of concavity or convexity.
2. While measuring convexity, the straight edge shall be balanced at the middle of the section.

**TABLE - 15**  
**Solid & Hollow Sections : Twist & Straightness Tolerance**



Diameter of circumscribing Circle mm	Allowable deviation from straightness mm per metre or length
Upto & including 25.0	2.1
Over 25.0	1.7

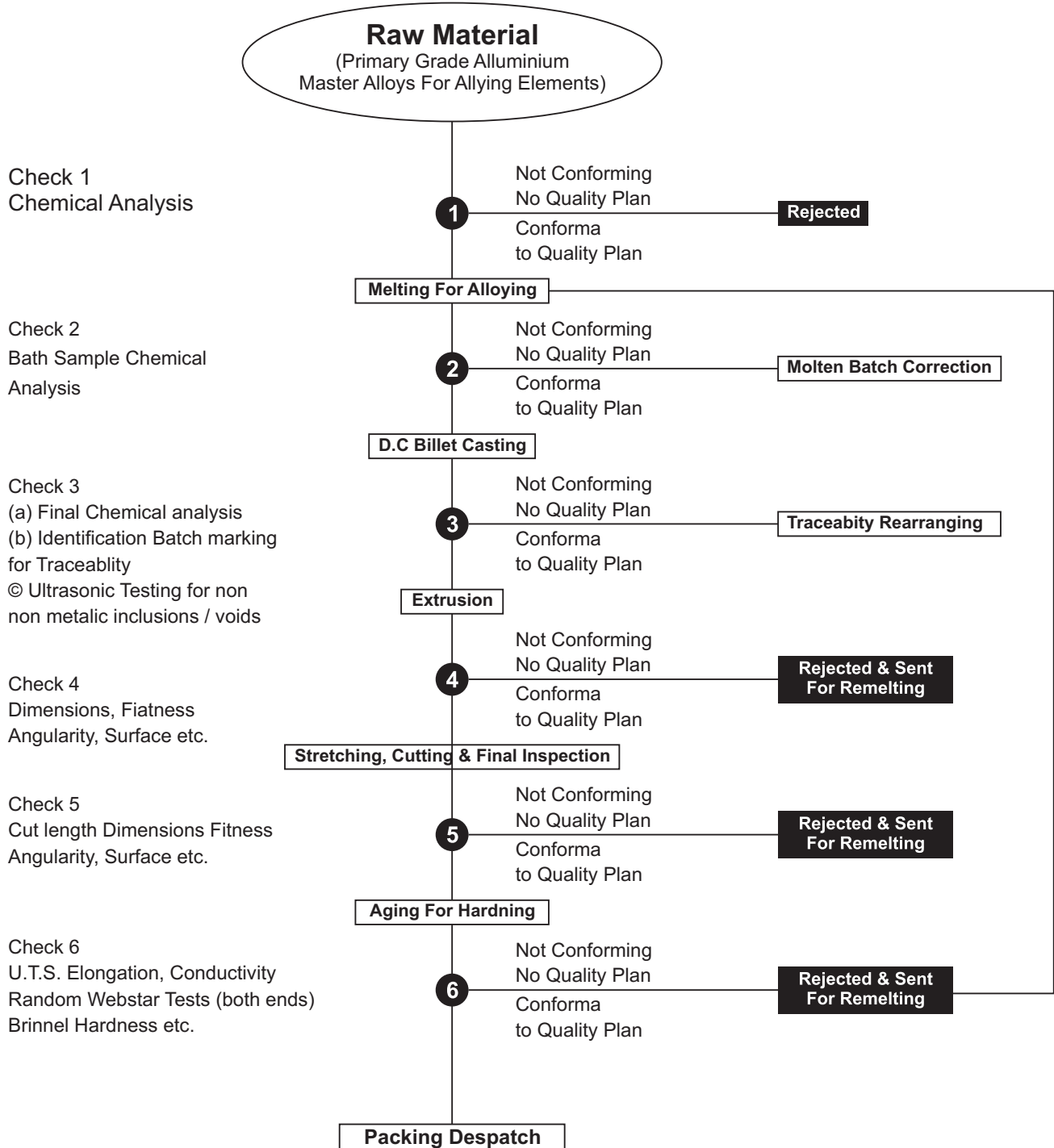
Notes :

1. Tolerance values are same for straightness and twist :
2. Twist is normally measured by placing the extruded section on a flat surface and measuring the maximum distance at any point along its length between the bottom surface of the section and the flat surface. From this measurement, the deviation from true straightness of the section is subtracted. The remainder is the twist. To convert the standard twist tolerance to an equivalent inner value, the tangent of the standard tolerance is multiplied by the width of the surface of the section that is one of the flat surface.

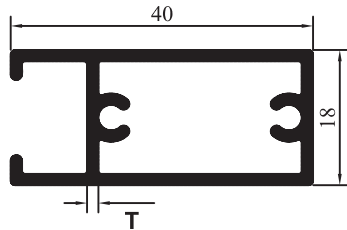
**TABLE - 16**  
**Solid & Hollow Sections : Cut Length Tolerance**

Width or diameter mm	Length tolerance mm ±
Upto 50.0	5
50.1 to 100.0	8
100.1 to 150.0	10
150.1 and above	12

## Operation flow Chart

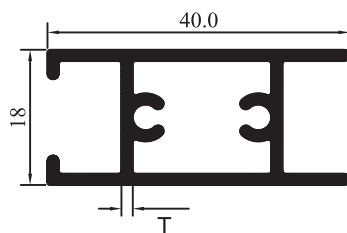


## 3/4" HANDLE



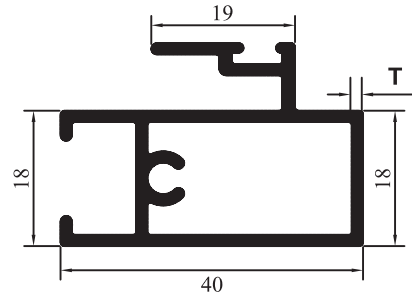
No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>1101</b>	0.70	0.900-1.000
2	<b>1102</b>	0.80	1.000-1.200
3	<b>1103</b>	0.95	1.200-1.400
4	<b>1104</b>	1.10	1.400-1.600
5	<b>1105</b>	1.25	1.600-1.800
6	<b>1106</b>	1.40	1.800-2.000
7	<b>1107</b>	1.54	2.000-2.200
8	<b>1108</b>	1.66	2.200-2.400
9			

## 3/4" TOP BOTTOM



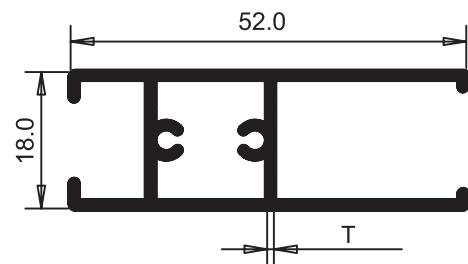
No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>1301</b>	0.70	0.900-1.000
2	<b>1302</b>	0.80	1.000-1.200
3	<b>1303</b>	0.95	1.200-1.400
4	<b>1304</b>	1.10	1.400-1.600
5	<b>1305</b>	1.25	1.600-1.800
6	<b>1306</b>	1.40	1.800-2.000
7	<b>1307</b>	1.54	2.000-2.200
8			

## 3/4" INTERLOCK



No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>1201</b>	0.75	1.100-1.300
2	<b>1202</b>	0.85	1.300-1.400
3	<b>1203</b>	0.94	1.400-1.600
4	<b>1204</b>	1.10	1.600-1.800
5	<b>1205</b>	1.25	1.800-2.000
6	<b>1206</b>	1.31	2.000-2.200
7	<b>1207</b>	1.44	2.200-2.400
8	<b>1208</b>	1.55	2.400-2.600
9			

## 3/4" BEARING BOTTOM

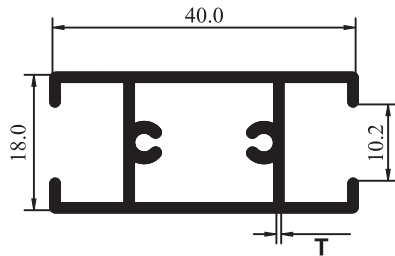


No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>1311</b>	0.85	1.300-1.500
2	<b>1312</b>	1.00	1.500-1.800
3	<b>1313</b>	1.20	1.800-2.200
4	<b>1314</b>	1.50	2.400-2.600

SECTIONS NOT TO BE SCALED

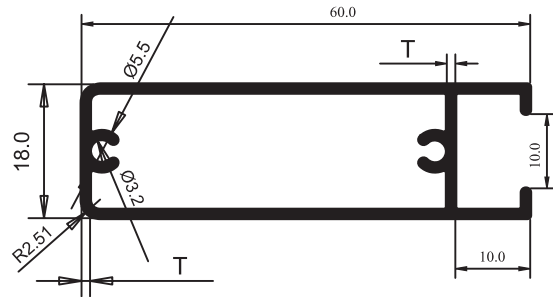
ALL DIMENSIONS ARE IN M.M.

## 3/4" MIDDLE



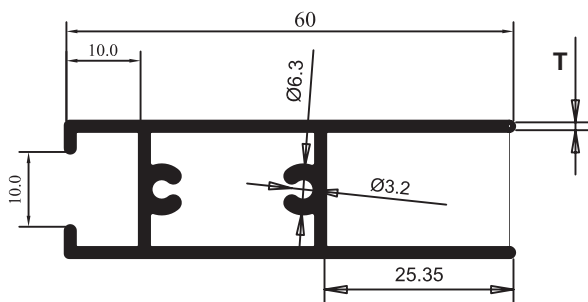
No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>1401</b>	0.70	0.900-1.100
2	<b>1402</b>	0.85	1.100-1.400
3			

## 18 X 60 HANDLE



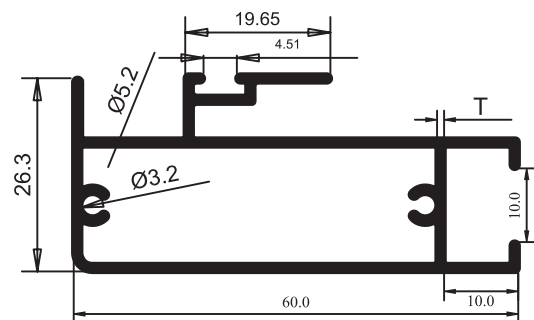
No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>1501</b>	1.15	1.900-2.200
2	<b>1502</b>	1.25	2.200-2.500
3			

## 18 X 60 TOP BOTTOM



No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>1701</b>	1.10	1.800-2.100
2	<b>1702</b>	1.20	2.100-2.400
3			

## 18 X 60 INTERLOCK

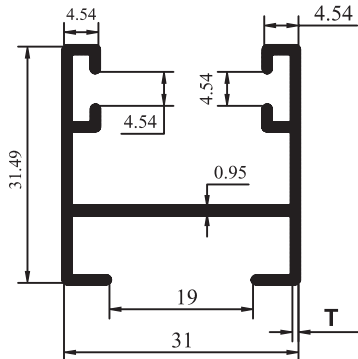


No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>1601</b>	1.00	2.000-2.300
2	<b>1602</b>	1.15	2.300-2.600
3			

SECTIONS NOT TO BE SCALED

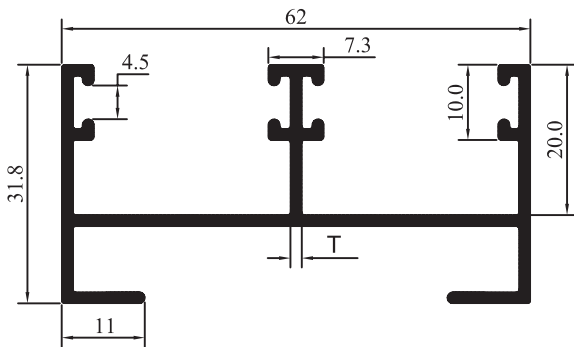
ALL DIMENSIONS ARE IN M.M.

## 3/4" SINGAL TRACK TOP



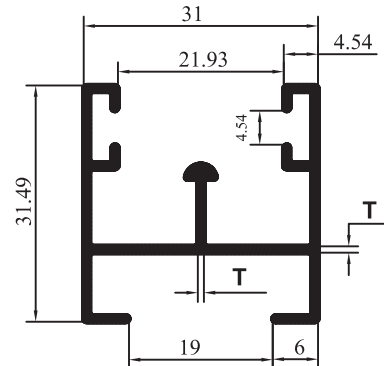
No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>1901</b>	0.90	1.000-1.200
2			

## 3/4" 2 TRACK TOP



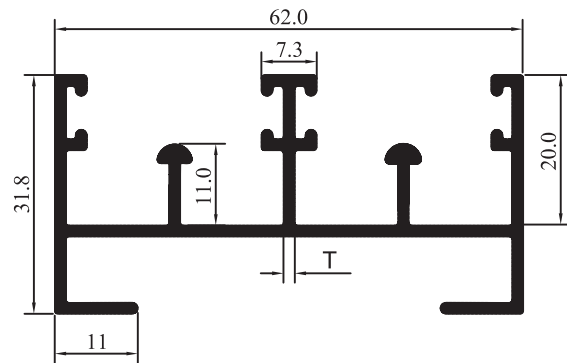
No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>2101</b>	0.80	1.400-1.600
2	<b>2102</b>	0.87	1.600-1.800
3	<b>2103</b>	0.95	1.800-2.000
4	<b>2104</b>	1.05	2.000-2.200
5	<b>2105</b>	1.20	2.200-2.500
6	<b>2106</b>	1.50	2.800-3.000
7	<b>2107</b>	1.60	3.000-3.200
8			

## 3/4" SINGAL TRACK BOTTOM



No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>2001</b>	0.90	1.100-1.300
2			

## 3/4" 2 TRACK BOTTOM

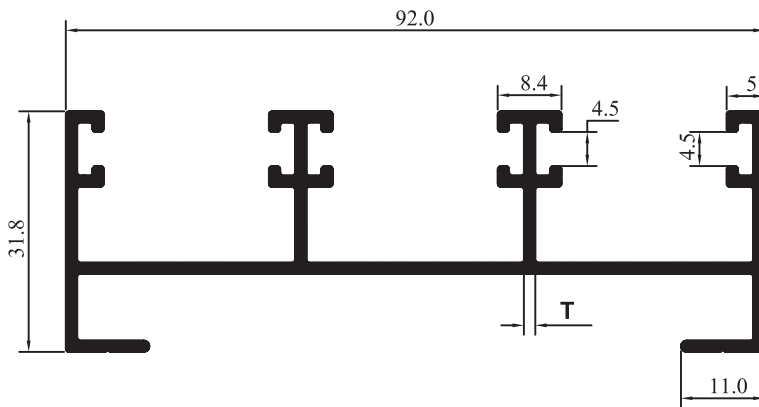


No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>2201</b>	0.70	1.600-1.800
2	<b>2202</b>	0.80	1.800-2.000
3	<b>2203</b>	0.94	2.000-2.200
4	<b>2204</b>	1.10	2.200-2.500
5	<b>2205</b>	1.50	3.000-3.400
6			
7			
8			

SECTIONS NOT TO BE SCALED

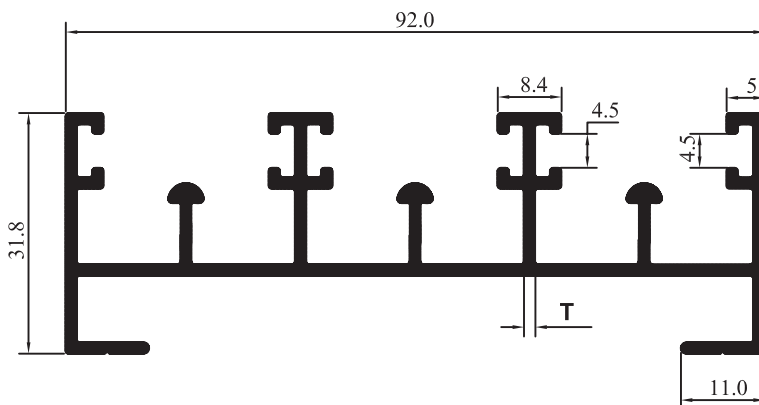
ALL DIMENSIONS ARE IN M.M.

## 3/4" 3 TRACK TOP



No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>2301</b>	0.70	1.800-2.000
2	<b>2302</b>	0.75	2.000-2.200
3	<b>2303</b>	0.85	2.200-2.400
4	<b>2304</b>	0.90	2.400-2.600
5	<b>2305</b>	0.97	2.600-2.800
6	<b>2306</b>	1.04	2.800-3.000
7	<b>2307</b>	1.20	3.000-3.200
8	<b>2308</b>	1.25	3.200-3.600
9	<b>2309</b>	1.40	3.600-3.900
10	<b>2310</b>	1.50	3.900-4.400

## 3/4" 3 TRACK BOTTOM



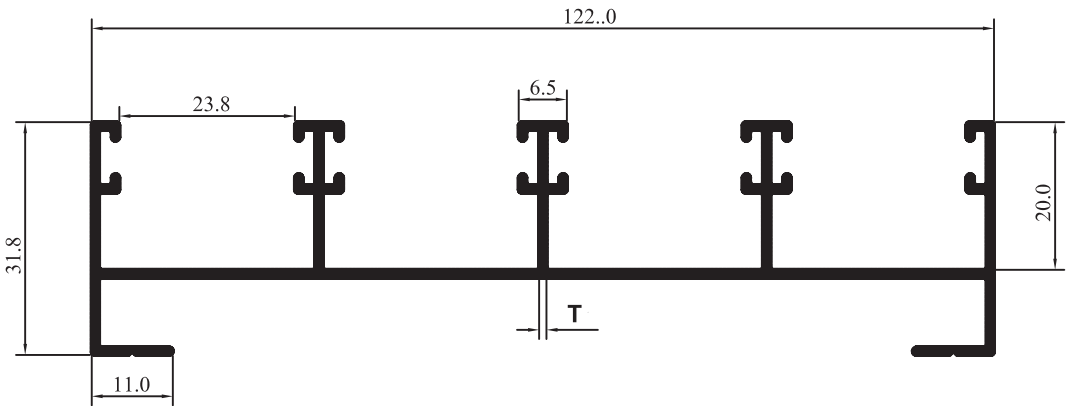
No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>2401</b>	0.70	2.200-2.400
2	<b>2402</b>	0.76	2.400-2.600
3	<b>2403</b>	0.84	2.600-2.800
4	<b>2404</b>	1.00	2.800-3.000
5	<b>2405</b>	1.15	3.000-3.400
6	<b>2406</b>	1.20	3.800-4.000
7	<b>2407</b>	1.32	4.000-4.400
8	<b>2408</b>	1.50	4.400-4.900

SECTIONS NOT TO BE SCALED

ALL DIMENSIONS ARE IN M.M.

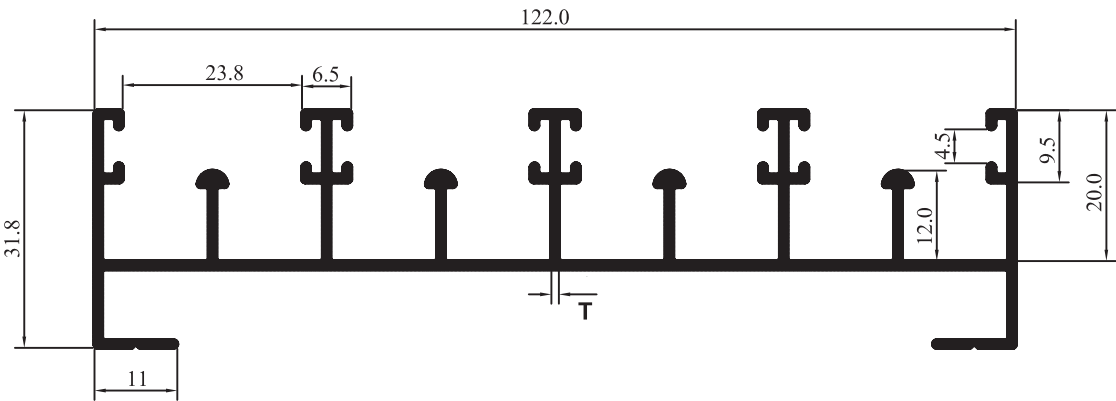


## 3/4" 4 TRACK TOP



No.	Section No.	T (mm)	Weight (Kg./12')
1	2501	1.10	3.200-3.500
2	2502	1.20	3.800-4.300
3	2503	1.45	4.800-5.000

## 3/4" 4 TRACK BOTTOM



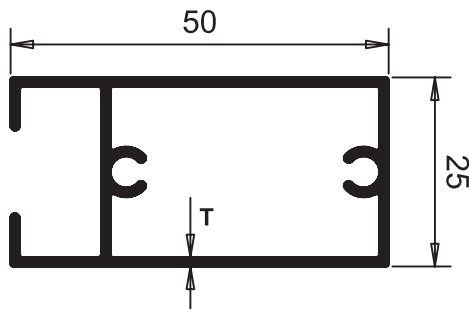
No.	Section No.	T (mm)	Weight (Kg./12')
1	2601	1.00	4.000-4.500
2	2602	1.28	4.800-5.200

SECTIONS NOT TO BE SCALED

ALL DIMENSIONS ARE IN M.M.

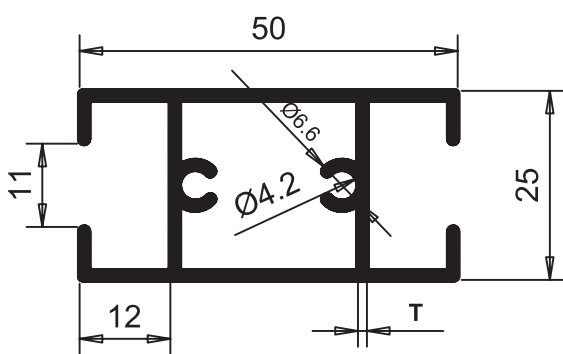


## 1" HANDLE



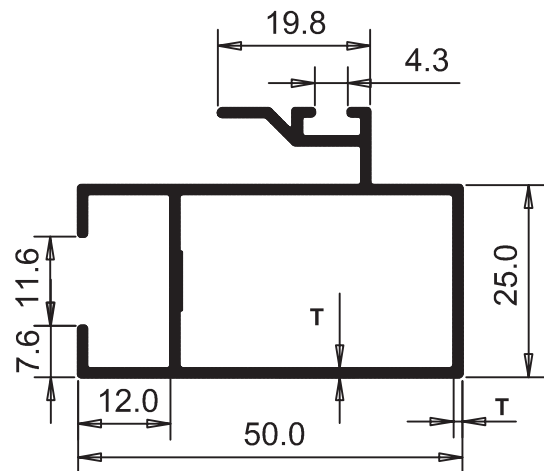
No.	Section No.	T (mm)	Weight (Kg./12')
1	1151	0.78	1.400-1.600
2	1152	0.93	1.600-1.800
3	1153	1.08	1.800-2.000
4	1154	1.23	2.000-2.200
5	1155	1.38	2.200-2.400
6	1156	1.53	2.400-2.600
7			

## 1" MIDDLE



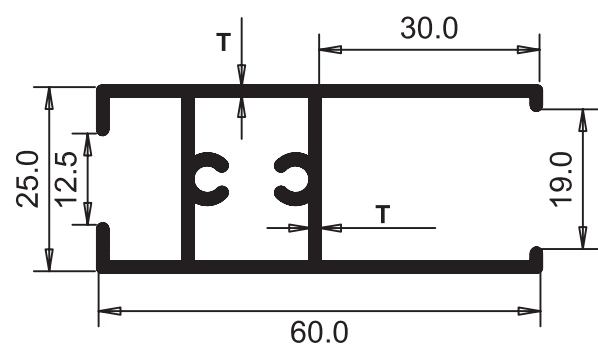
No.	Section No.	T (mm)	Weight (Kg./12')
1	1451	0.80	1.400-1.600
2	1452	0.90	1.600-1.800
3	1453	1.00	1.800-2.000
4	1454	1.12	2.000-2.200
5	1455	1.21	2.200-2.400

## 1" INTERLOCK



No.	Section No.	T (mm)	Weight (Kg./12')
1	1251	1.10	1.900-2.300
2	1252	1.20	2.300-2.600
3	1253	1.50	2.800-3.200
4			

## 1" BEARING BOTTOM

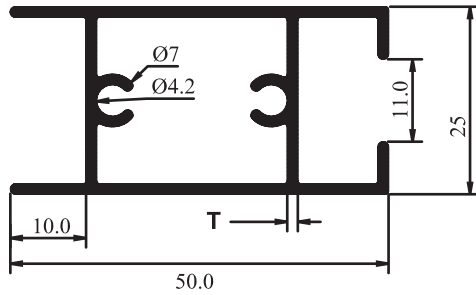


No.	Section No.	T (mm)	Weight (Kg./12')
1	1351	1.05	2.000-2.400
2	1352	1.20	2.400-2.600
3	1353	1.30	2.600-2.800
4	1354	1.50	3.000-3.300

SECTIONS NOT TO BE SCALED

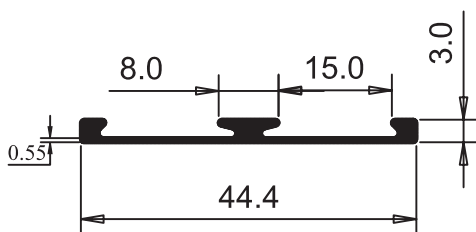
ALL DIMENSIONS ARE IN M.M.

## 1" TOP BOTTOM



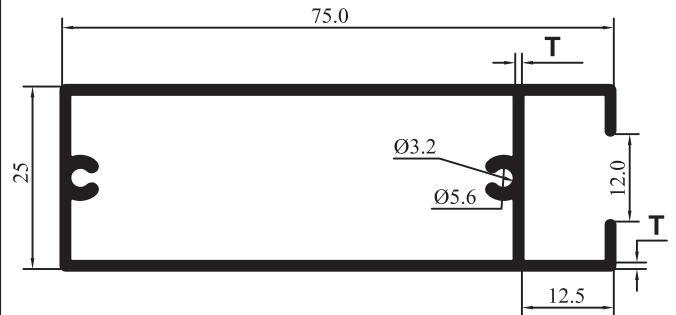
No.	Section No.	T (mm)	Weight (Kg./12')
1	1361	0.85	1.400-1.600
2			

## GLAZING PLATE



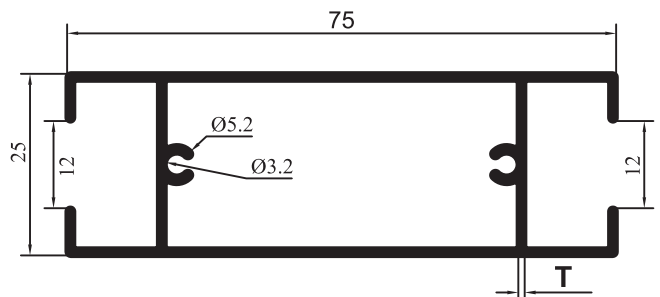
No.	Section No.	T (mm)	Weight (Kg./12')
1	3211	0.52	0.400-0.600

## 3X1 PLAIN HANDLE



No.	Section No.	T (mm)	Weight (Kg./12')
1	1171	0.90	2.000-2.600
2			

## 3X1 PLAIN MIDDLE

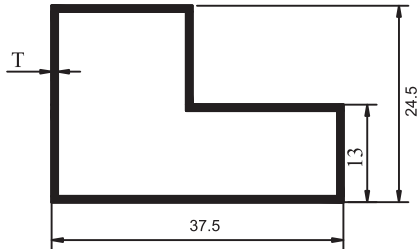


No.	Section No.	T (mm)	Weight (Kg./12')
1	1471	0.90	2.100-2.600
2			

SECTIONS NOT TO BE SCALED

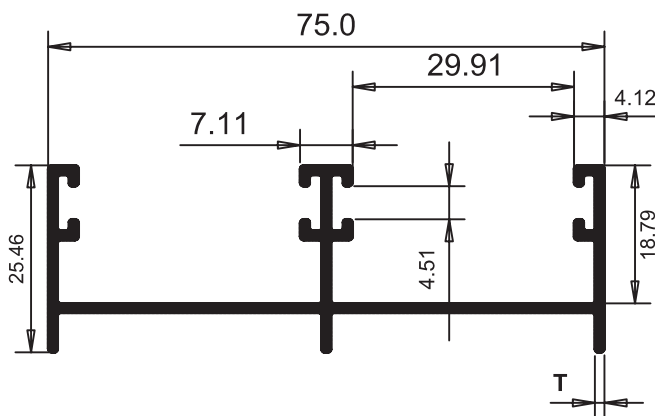
ALL DIMENSIONS ARE IN M.M.

## 1.5X1 L PIPE



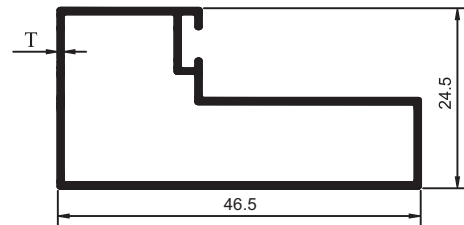
No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>1801</b>	0.75	0.800-1.000
2	<b>1802</b>	0.95	1.000-1.200
3	<b>1803</b>	1.05	1.200-1.400
4	<b>1804</b>	1.20	1.400-1.600
5	<b>1805</b>	1.40	1.600-1.800
6	<b>1806</b>	1.50	1.800-2.200
7			

## 1" 2 TRACK TOP



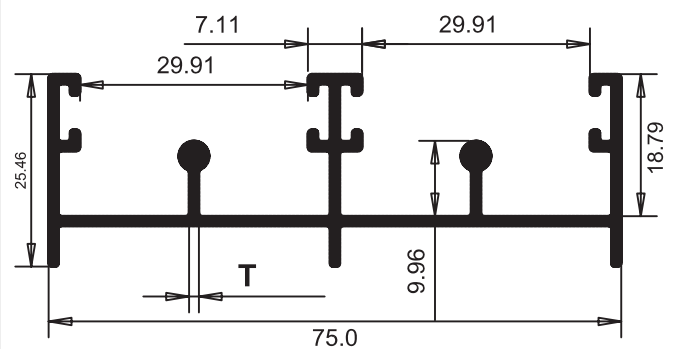
No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>2151</b>	1.20	2.000-2.300
2	<b>2152</b>	1.30	2.300-2.500
3			

## 2X1 L PIPE



No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>1851</b>	0.80	1.000-1.200
2	<b>1852</b>	0.90	1.200-1.400
3	<b>1853</b>	1.00	1.400-1.600
4	<b>1854</b>	1.15	1.600-1.800
5	<b>1855</b>	1.27	1.800-2.000
6	<b>1856</b>	1.50	2.000-2.400
7			

## 1" 2 TRACK BOTTOM

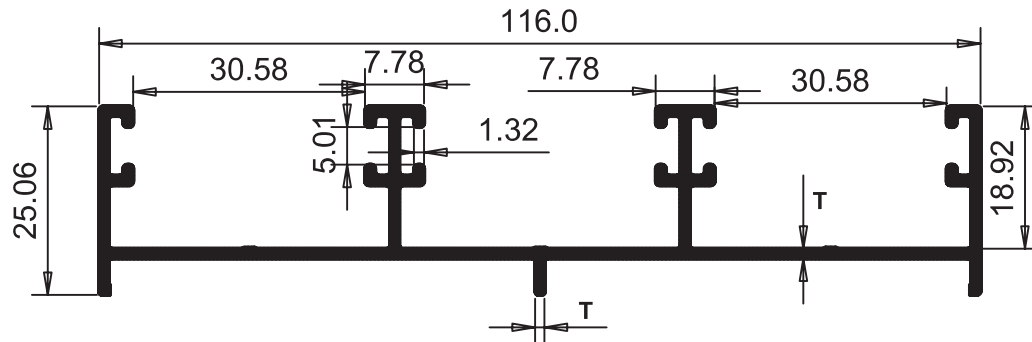


No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>2251</b>	1.20	2.400-2.600
2	<b>2252</b>	1.30	2.600-3.000
3			

SECTIONS NOT TO BE SCALED

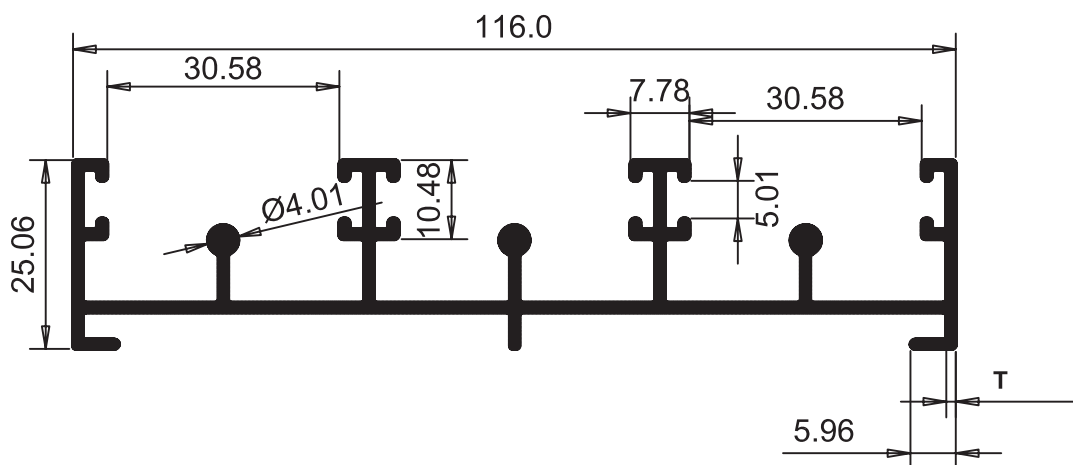
ALL DIMENSIONS ARE IN M.M.

## 1" 3 TRACK TOP



No.	Section No.	T (mm)	Weight (Kg./12')
1	2351	1.25	3.200-3.500
2	2352	1.35	3.500-3.800
3			

## 1" 3 TRACK BOTTOM

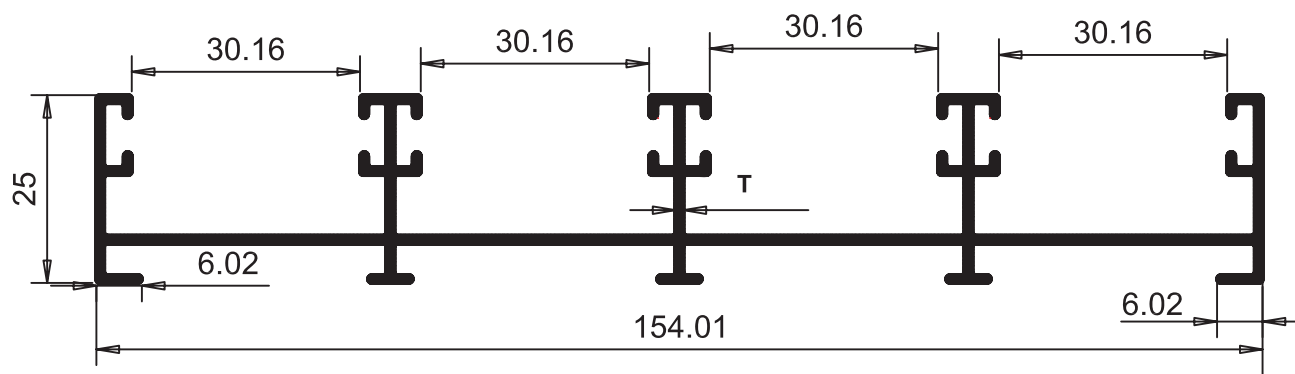


No.	Section No.	T (mm)	Weight (Kg./12')
1	2451	1.18	3.600-3.800
2	2452	1.30	4.000-4.400
3			

SECTIONS NOT TO BE SCALED

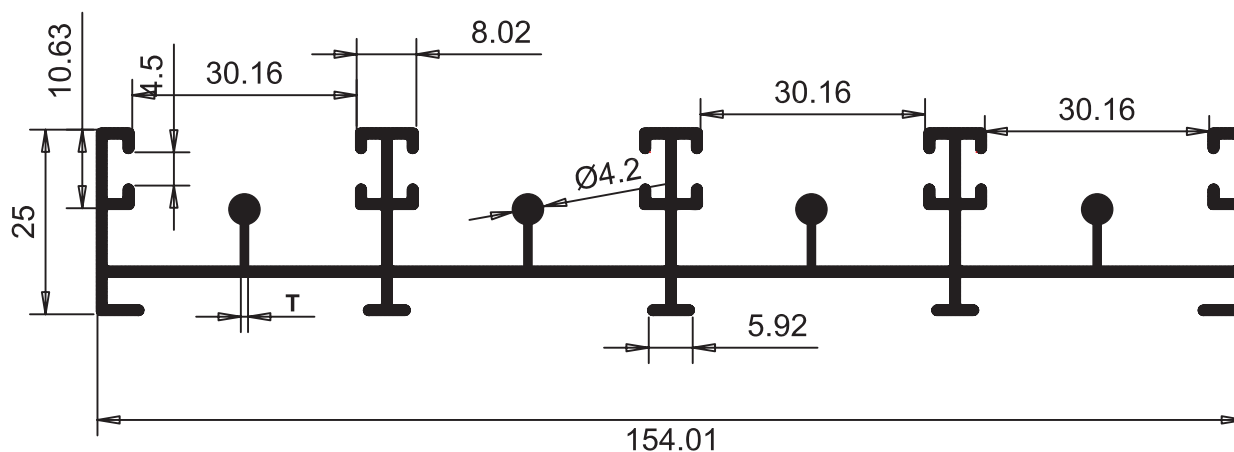
ALL DIMENSIONS ARE IN M.M.

## 1" 4 TRACK TOP



No.	Section No.	T (mm)	Weight (Kg./12')
1	2551	1.20	4.500-5.000
2			

## 1" 4 TRACK BOTTOM

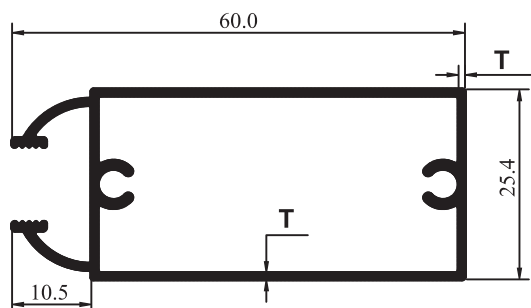


No.	Section No.	T (mm)	Weight (Kg./12')
1	2651	1.02	4.700-5.200
2			

SECTIONS NOT TO BE SCALED

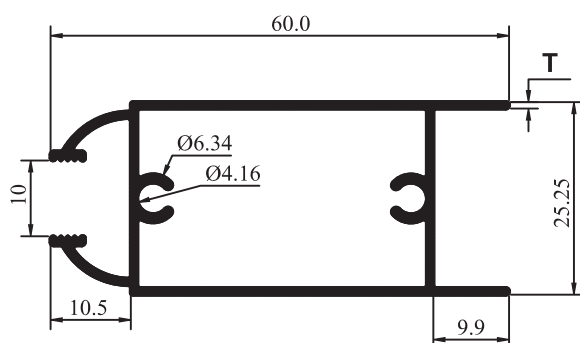
ALL DIMENSIONS ARE IN M.M.

## 60X25 MOULDING HANDLE



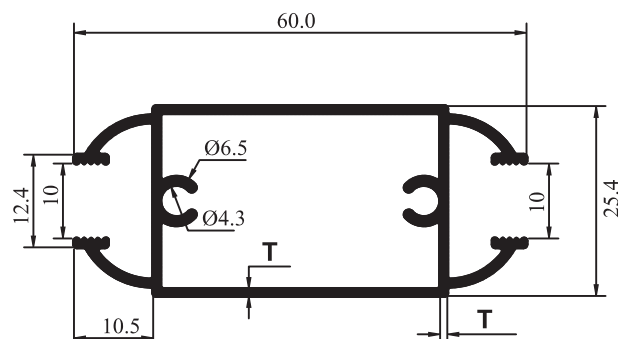
No.	Section No.	T (mm)	Weight (Kg./12')
1	2701	0.90	1.800-2.100
2	2702	1.00	2.100-2.500
3			

## 60X25 MOULDING TOP BOTTOM



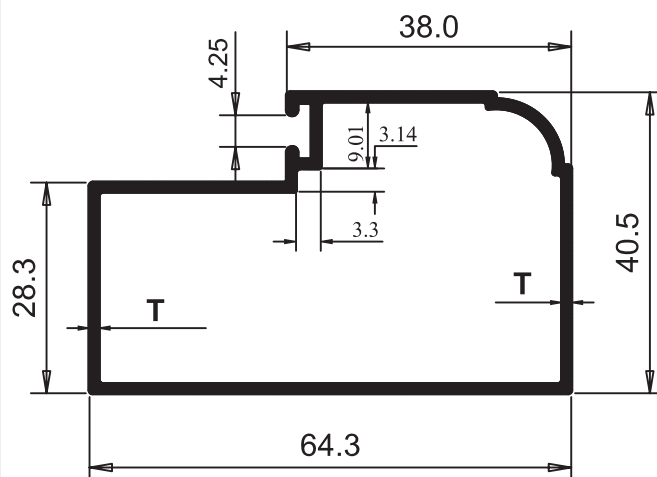
No.	Section No.	T (mm)	Weight (Kg./12')
1	2901	0.85	1.700-2.200
2			

## 60X25 MOULDING MIDDLE



No.	Section No.	T (mm)	Weight (Kg./12')
1	2801	1.00	1.900-2.200
2	2802	1.15	2.200-2.600

## 2.5X1.5 MOULDING P PIPE

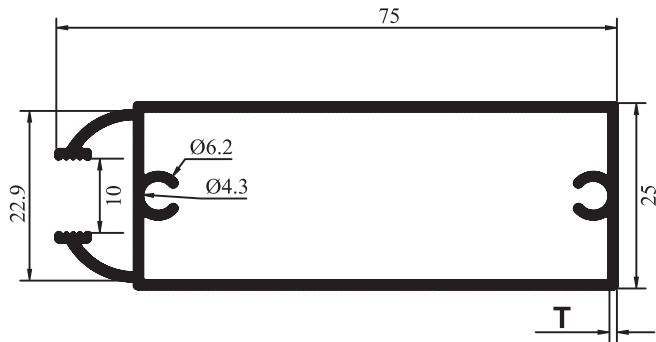


No.	Section No.	T (mm)	Weight (Kg./12')
1	3001	1.07	2.000-2.300
2	3002	1.17	2.300-2.600
3	3003	1.25	2.600-3.000

SECTIONS NOT TO BE SCALED

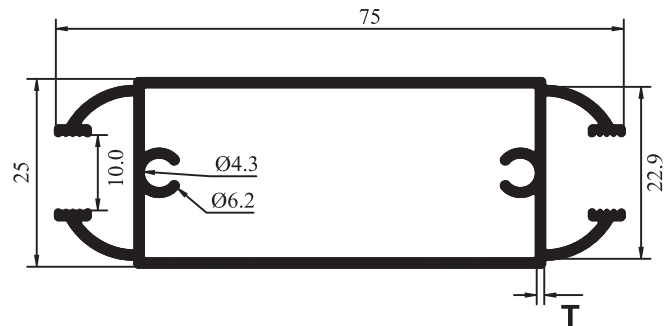
ALL DIMENSIONS ARE IN M.M.

## 3X1 MOULDING HANDLE



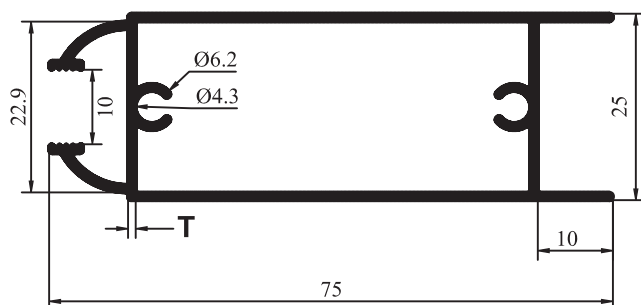
No.	Section No.	T (mm)	Weight (Kg./12')
1	2711	1.00	2.200-2.500
2	2712	1.15	2.500-2.800

## 3X1 MOULDING MIDDLE



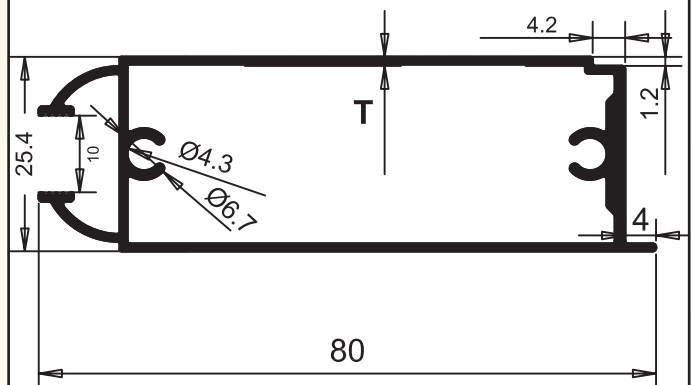
No.	Section No.	T (mm)	Weight (Kg./12')
1	2811	1.00	2.300-2.600
2			

## 3X1 MOULDING TOP BOTTOM



No.	Section No.	T (mm)	Weight (Kg./12')
1	2911	1.00	2.200-2.500
2			

## 3X1 SINGLE LEG MOULDING HANDLE

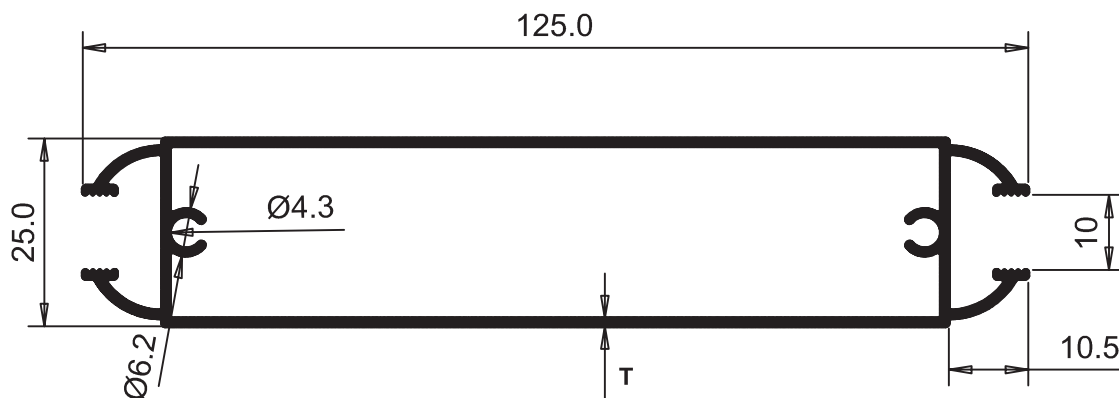


No.	Section No.	T (mm)	Weight (Kg./12')
1	2715	1.00	2.400-2.700
2			
3			

SECTIONS NOT TO BE SCALED

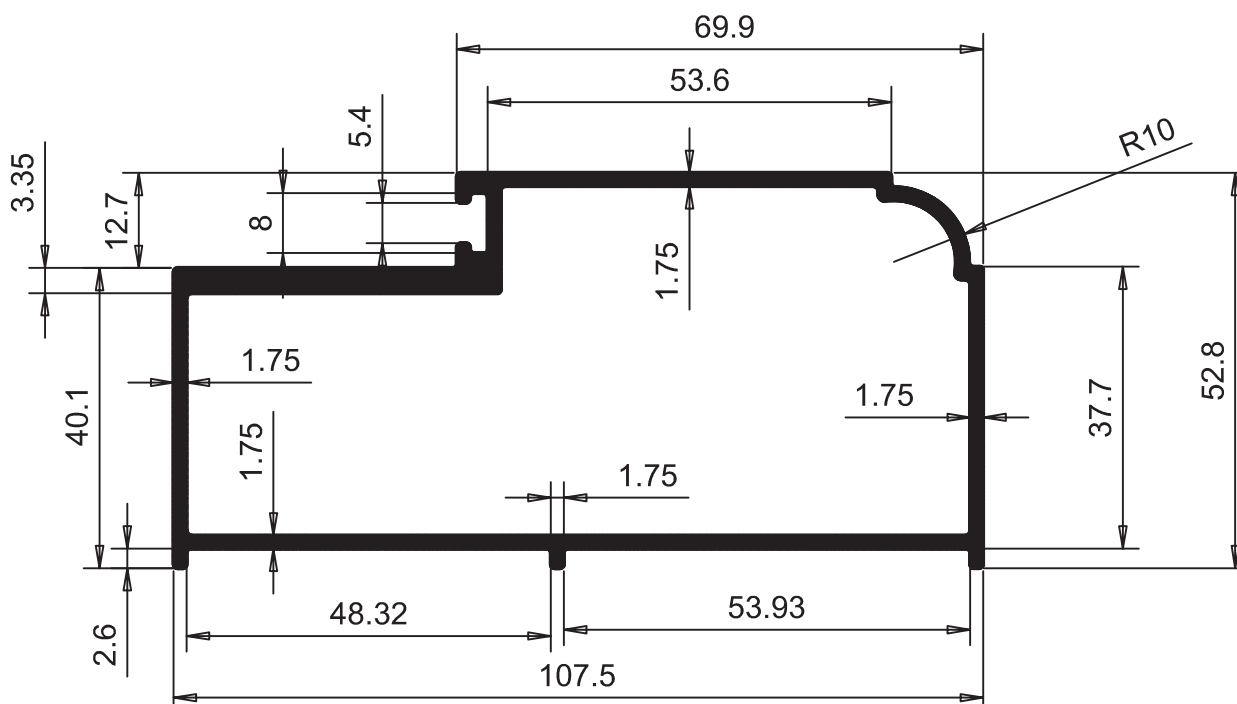
ALL DIMENSIONS ARE IN M.M.

## 5X1 MOULDING MIDDLE



No.	Section No.	T (mm)	Weight (Kg./12')
1	2815	1.04	3.300-3.900
2			

## MOULDING P PIPE



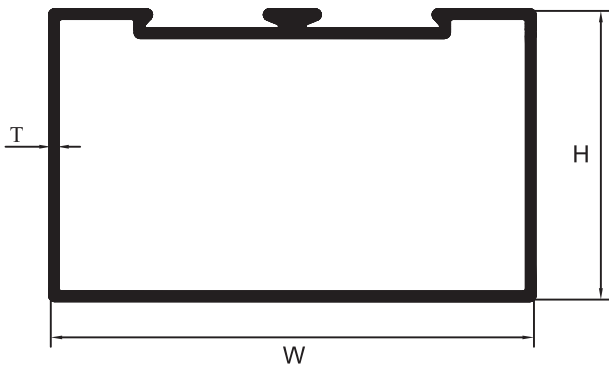
No.	Section No.	T (mm)	Weight (Kg./12')
1	3011	1.75	6.100-6.600
2			

SECTIONS NOT TO BE SCALED

ALL DIMENSIONS ARE IN M.M.

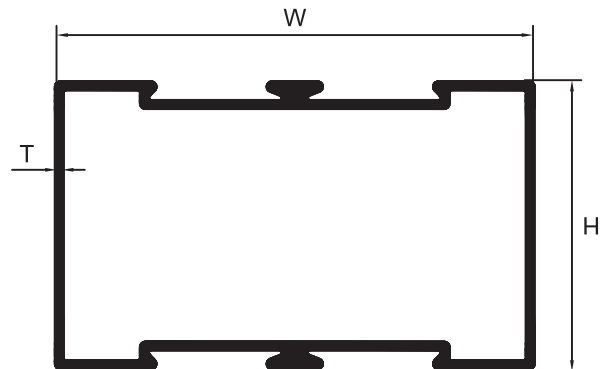


## SINGLE PARTITION



No.	Section No.	W	H	T	Weight (Kg./12')
1	<b>3301</b>	50	25	0.73	1.200-1.500
1	<b>3311</b>	63	38	0.83	1.800-2.000
2	<b>3312</b>	63	38	0.91	2.000-2.200
3	<b>3313</b>	63	38	1.02	2.200-2.400
4	<b>3314</b>	63	38	1.12	2.400-2.600
5	<b>3315</b>	63	38	1.22	2.600-2.800
6	<b>3316</b>	63	38	1.32	2.800-3.000
7	<b>3317</b>	63	38	1.40	3.000-3.200
8	<b>3318</b>	63	38	1.50	3.200-3.400
9	<b>3319</b>	63	38	1.60	3.400-3.700
10	<b>3320</b>	63	38	1.85	3.700-4.100
11	<b>3321</b>	63	38	2.80	5.800-6.200
1	<b>3351</b>	101	44.5	1.25	3.800-4.100
2	<b>3352</b>	101	44.5	1.37	4.100-4.600
3	<b>3353</b>	101	44.5	1.51	4.600-5.000
4	<b>3354</b>	101	44.5	1.66	5.000-5.500
5	<b>3355</b>	101	44.5	1.81	5.500-6.000
6	<b>3356</b>	101	44.5	1.97	6.000-6.500
7	<b>3357</b>	101	44.5	2.10	6.500-7.000
8	<b>3358</b>	101	44.5	2.30	7.000-7.500
9	<b>3359</b>	101	44.5	2.45	7.500-8.000

## DOUBLE PARTITION

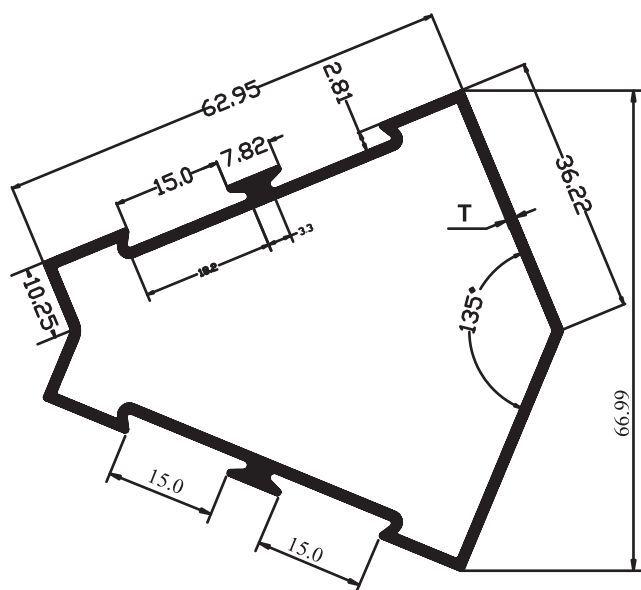


No.	Section No.	W	H	T	Weight (Kg./12')
1	<b>3401</b>	50	25	0.70	1.200-1.500
1	<b>3411</b>	63	38	0.80	1.800-2.000
2	<b>3412</b>	63	38	0.90	2.000-2.200
3	<b>3413</b>	63	38	1.00	2.200-2.400
4	<b>3414</b>	63	38	1.10	2.400-2.600
5	<b>3415</b>	63	38	1.20	2.600-2.800
6	<b>3416</b>	63	38	1.30	2.800-3.000
7	<b>3417</b>	63	38	1.40	3.000-3.200
8	<b>3418</b>	63	38	1.50	3.200-3.400
9	<b>3419</b>	63	38	1.60	3.400-3.700
10	<b>3420</b>	63	38	1.75	3.700-4.100
11	<b>3421</b>	63	38	2.70	5.800-6.200
1	<b>3451</b>	101	44.5	1.20	3.800-4.100
2	<b>3452</b>	101	44.5	1.32	4.100-4.600
3	<b>3453</b>	101	44.5	1.45	4.600-5.000
4	<b>3454</b>	101	44.5	1.59	5.000-5.500
5	<b>3455</b>	101	44.5	1.74	5.500-6.000
6	<b>3456</b>	101	44.5	1.89	6.000-6.500
7	<b>3457</b>	101	44.5	2.05	6.500-7.000
8	<b>3458</b>	101	44.5	2.20	7.000-7.500
9	<b>3459</b>	101	44.5	2.35	7.500-8.000

SECTIONS NOT TO BE SCALED

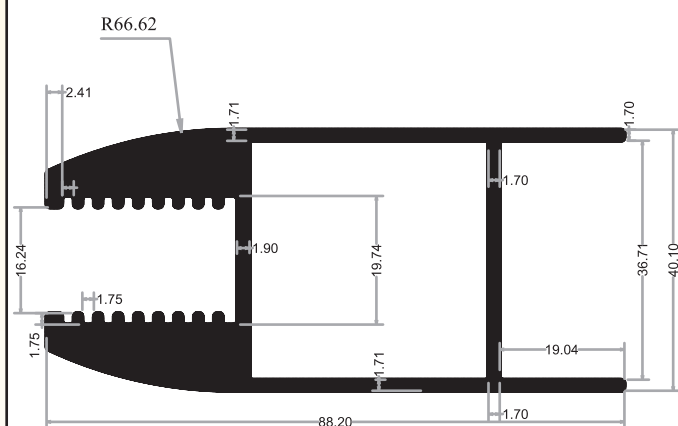
ALL DIMENSIONS ARE IN M.M.

## SAMOSA SECTION



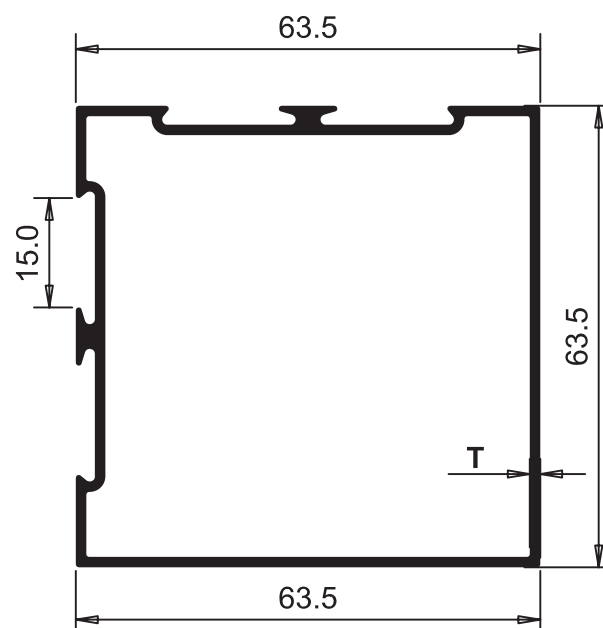
No.	Section No.	T (mm)	Weight (Kg./12')
1	3505	1.28	3.000-3.400

## GLASS BOTTOM



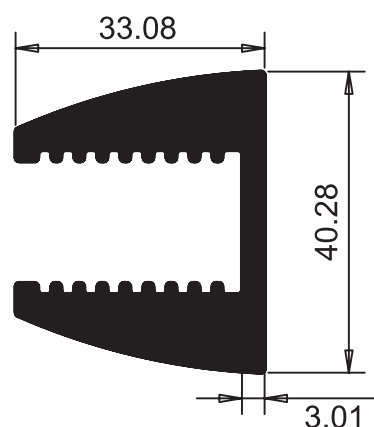
No.	Section No.	T (mm)	Weight (Kg./12')
1	3151	-	8.000-8.500

## CORNER PARTITION



No.	Section No.	T (mm)	Weight (Kg./12')
1	3501	1.42	4.000-4.400

## SMALL GLASS BOTTOM

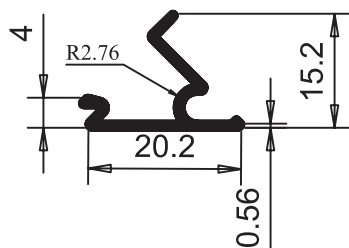


No.	Section No.	T (mm)	Weight (Kg./12')
1	3101	-	6.000-6.300

SECTIONS NOT TO BE SCALED

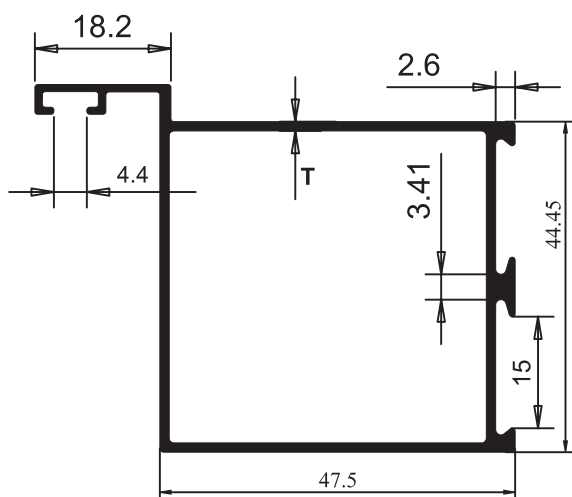
ALL DIMENSIONS ARE IN M.M.

## GLAZING CLIP



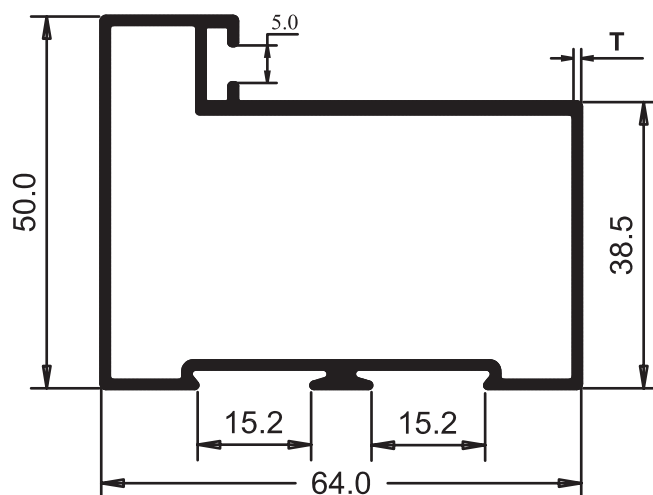
No.	Section No.	T (mm)	Weight (Kg./12')
1	3201	0.45	0.220-0.250
2	3202	0.50	0.250-0.270
3	3203	0.55	0.270-0.300
4	3204	0.63	0.300-0.350
5	3205	0.72	0.350-0.400

## TIPS VERTICAL



No.	Section No.	T (mm)	Weight (Kg./12')
1	4051	1.30	2.700-3.000
2	4052	1.50	3.000-3.400

## LEG PARTITION



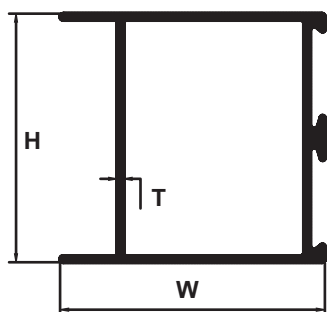
No.	Section No.	T (mm)	Weight (Kg./12')
1	4001	1.00	2.700-3.000
2	4002	1.10	3.000-3.400
3	4003	1.45	4.000-4.400
4	4004	1.58	4.400-5.000
5			

## DOOR BOTTOM



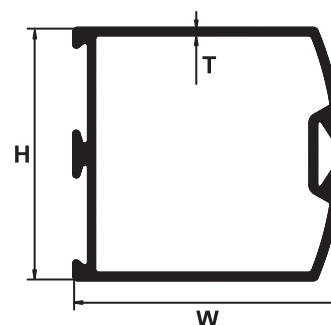
No.	Section No.	L (mm)	T (mm)	Weight (Kg./12')
1	4101	25	1.16	3.800-4.400
2	4102	25	1.36	4.400-4.800
3	4103	25	1.60	5.000-5.500
1	4110	15	1.13	3.700-4.200

## DOOR TOP



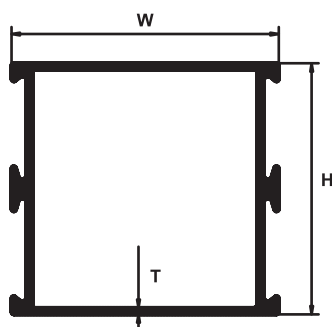
No.	Section No.	W	H	T	Weight (Kg./12')
1	<b>3601</b>	47.5	44.5	1.05	2.200-2.600
2	<b>3602</b>	47.5	44.5	1.25	2.600-3.000
3	<b>3603</b>	47.5	44.5	1.48	3.000-3.600
4	<b>3604</b>	47.5	44.5	1.70	3.600-4.000
5	<b>3605</b>	47.5	44.5	2.00	4.200-4.800
1	<b>3651</b>	85.0	44.5	1.40	3.800-4.200
2	<b>3652</b>	85.0	44.5	1.60	4.200-4.800
3	<b>3653</b>	85.0	44.5	2.0	5.000-5.500

## DOOR VERTICAL



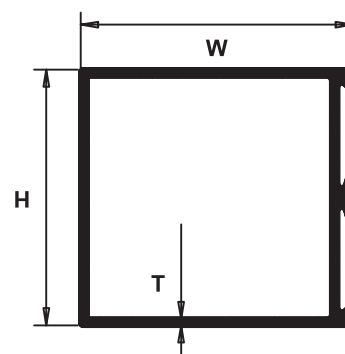
No.	Section No.	W	H	T	Weight (Kg./12')
1	<b>3701</b>	47.5	44.5	1.05	2.200-2.600
2	<b>3702</b>	47.5	44.5	1.25	2.600-3.000
3	<b>3703</b>	47.5	44.5	1.48	3.000-3.600
4	<b>3704</b>	47.5	44.5	1.70	3.600-4.000
5	<b>3705</b>	47.5	44.5	2.00	4.200-4.800
1	<b>3751</b>	85.0	44.5	1.30	3.700-4.200
2	<b>3752</b>	85.0	44.5	1.50	4.200-4.800
3	<b>3753</b>	85.0	44.5	1.90	5.000-5.500

## DOOR MIDDLE DOUBLE (DMD)



No.	Section No.	W	H	T	Weight (Kg./12')
1	<b>3801</b>	47.5	44.5	1.10	2.200-2.500
2	<b>3802</b>	47.5	44.5	1.40	2.800-3.200
3	<b>3803</b>	47.5	44.5	1.85	3.700-4.200
1	<b>3851</b>	85.0	44.5	1.40	3.800-4.200
2	<b>3852</b>	85.0	44.5	1.85	5.000-5.500

## DOOR MIDDLE SINGLE (DMS)

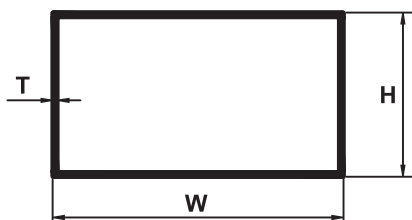


No.	Section No.	W	H	T	Weight (Kg./12')
1	<b>3901</b>	47.5	44.5	1.08	2.100-2.500
2	<b>3902</b>	47.5	44.5	1.40	2.700-3.000
3	<b>3903</b>	47.5	44.5	1.80	3.600-4.000
1	<b>3951</b>	85.0	44.5	1.40	3.600-4.000
2					

SECTIONS NOT TO BE SCALED

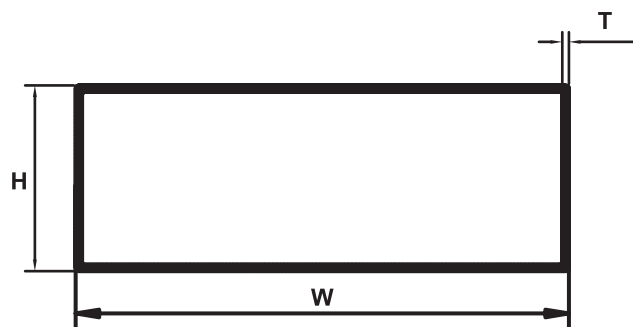
ALL DIMENSIONS ARE IN M.M.

## RECTANGULAR TUBE (RT)



No.	Section No.	W	H	T	Weight (Kg./12')
1	<b>5101</b>	25	12	0.88	0.600-0.900
2	<b>5102</b>	36	24	0.65	0.750-0.900
3	<b>5103</b>	36	24	0.77	0.900-1.000
4	<b>5104</b>	36	24	1.02	1.000-1.200
5	<b>5110</b>	38	19	1.80	1.800-1.900
6	<b>5111</b>	38	25	0.70	0.800-1.000
7	<b>5112</b>	38	25	0.88	1.000-1.200
8	<b>5113</b>	38	25	1.05	1.200-1.400
9	<b>5114</b>	38	25	1.20	1.400-1.600
10	<b>5115</b>	38	25	1.38	1.600-1.800
11	<b>5116</b>	38	25	1.51	1.800-2.000
12					
13	<b>5201</b>	47	24	0.72	0.900-1.100
14	<b>5202</b>	47	24	0.86	1.100-1.300
15	<b>5203</b>	47	24	1.00	1.300-1.500
16	<b>5206</b>	50	12.70	1.15	1.300-1.500
17	<b>5208</b>	50	19	1.18	1.500-1.700
18	<b>5211</b>	50	25	0.78	1.100-1.200
19	<b>5212</b>	50	25	0.88	1.200-1.400
20	<b>5213</b>	50	25	1.00	1.400-1.600
21	<b>5214</b>	50	25	1.15	1.600-1.800
22	<b>5215</b>	50	25	1.28	1.800-2.000
23	<b>5216</b>	50	25	1.40	2.000-2.200
24	<b>5217</b>	50	25	1.55	2.200-2.400
25	<b>5218</b>	50	25	1.70	2.400-2.600
26	<b>5219</b>	50	25	1.83	2.600-2.800
27	<b>5220</b>	50	25	2.00	2.800-3.000
28	<b>5241</b>	50	38	1.40	2.300-2.600
29	<b>5242</b>	50	38	-	-

## RECTANGULAR TUBE (RT)

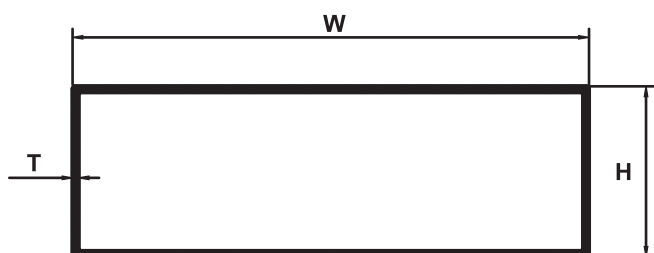


No.	Section No.	W	H	T	Weight (Kg./12')
1	<b>5245</b>	56	30	0.73	-
2	<b>5246</b>	56	31	0.73	1.200-1.400
3	<b>5247</b>	56	31	0.80	1.400-1.600
4	<b>5251</b>	63	24	0.80	1.300-1.500
5	<b>5252</b>	63	24	0.95	1.500-1.700
6	<b>5253</b>	63	24	1.10	1.700-2.000
7	<b>5254</b>	63	24	1.20	2.000-2.200
8	<b>5255</b>	63	24	1.37	2.200-2.400
9	<b>5256</b>	63	24	1.51	2.500-2.800
10					
11	<b>5261</b>	63	38	0.75	1.400-1.600
12	<b>5262</b>	63	38	0.85	1.600-1.800
13	<b>5263</b>	63	38	0.95	1.800-2.000
14	<b>5264</b>	63	38	1.05	2.000-2.200
15	<b>5265</b>	63	38	1.15	2.200-2.400
16	<b>5266</b>	63	38	1.25	2.400-2.600
17	<b>5267</b>	63	38	1.35	2.600-2.800
18	<b>5268</b>	63	38	1.45	2.800-3.000
19	<b>5269</b>	63	38	1.55	3.000-3.200
20	<b>5270</b>	63	38	1.65	3.200-3.400
21	<b>5271</b>	63	38	1.75	3.400-3.600
22	<b>5272</b>	63	38	1.85	3.600-3.800
23	<b>5273</b>	63	38	1.95	3.800-4.000
24	<b>5274</b>	63	38	2.05	4.000-4.200
25	<b>5275</b>	63	38	3.00	5.900-6.200
26					
27					

SECTIONS NOT TO BE SCALED

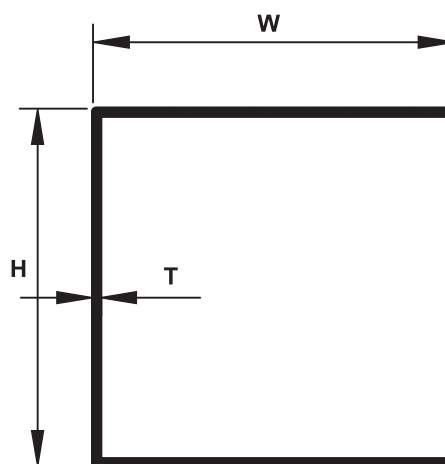
ALL DIMENSIONS ARE IN M.M.

## RECTANGULAR TUBE (RT)



No.	Section No.	W	H	T	Weight (Kg./12')
1	5301	75	12.70	1.55	2.500-2.700
2	5305	75	19	1.60	2.800-3.000
3	5311	75	25	0.88	1.600-1.900
4	5312	75	25	1.05	1.900-2.100
5	5313	75	25	1.20	2.100-2.400
6	5314	75	25	1.36	2.500-2.700
7	5315	75	25	1.52	2.800-3.000
8	5318	75	38	1.50	3.300-3.500
9	5321	83	38	0.95	2.100-2.500
10	5322	83	38	-	-
11	5351	100	12.70	1.48	3.000-3.400
12	5353	100	19	1.50	3.400-3.600
13	5356	95	24	0.81	1.800-2.200
14	5357	95	24	1.00	2.300-2.500
15	5361	101	25	0.83	2.000-2.400
16	5362	101	25	1.00	2.400-2.800
17	5363	101	25	1.18	2.800-3.100
18	5364	101	25	1.32	3.100-3.500
19	5365	101	25	1.46	3.500-3.800
20	5366	101	25	1.56	3.800-4.000
21	5368	100	38	1.30	3.300-3.600
22	5371	101	44.45	1.25	3.400-3.700
23	5372	101	44.45	1.35	3.700-4.000
24	5373	101	44.45	1.50	4.200-4.400
25	5374	101	44.45	1.60	4.400-4.800
26	5375	101	44.45	1.74	4.800-5.200
27	5376	101	44.45	1.88	5.200-5.600
28	5377	101	44.45	2.00	5.600-6.000
29	5381	125	25	1.20	3.400-3.900
30	5382	125	25	1.40	3.900-4.400

## SQUARE TUBE

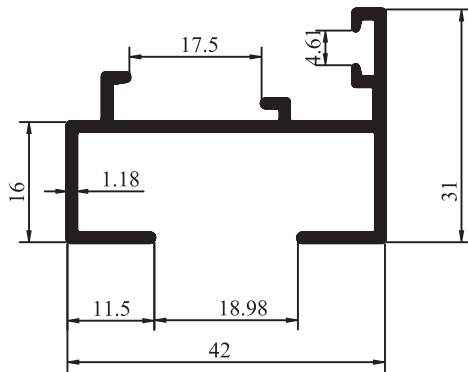


No.	Section No.	W	H	T	Weight (Kg./12')
1	5001	12	12	-	-
2					
3	5006	19	19	0.85	0.600-0.800
4					
5	5011	25	25	0.90	0.800-1.000
6	5012	25	25	1.10	1.000-1.200
7	5013	25	25	1.30	1.200-1.400
8	5016	25	25	1.80	1.700-1.900
9					
10	5021	38	38	0.97	1.400-1.600
11	5022	38	38	1.10	1.600-1.800
12	5023	38	38	1.22	1.800-2.000
13	5024	38	38	1.35	2.000-2.200
14	5025	38	38	1.50	2.200-2.500
15					
16	5031	50	50	1.00	1.800-2.100
17	5032	50	50	1.10	2.100-2.400
18	5033	50	50	1.27	2.400-2.600
19	5034	50	50	1.37	2.600-2.800
20	5035	50	50	1.50	2.800-3.200
21					

SECTIONS NOT TO BE SCALED

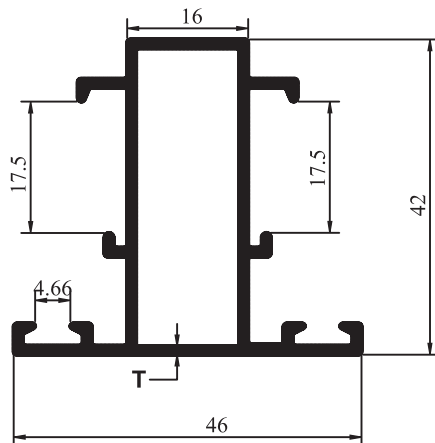
ALL DIMENSIONS ARE IN M.M.

## Z FRAME



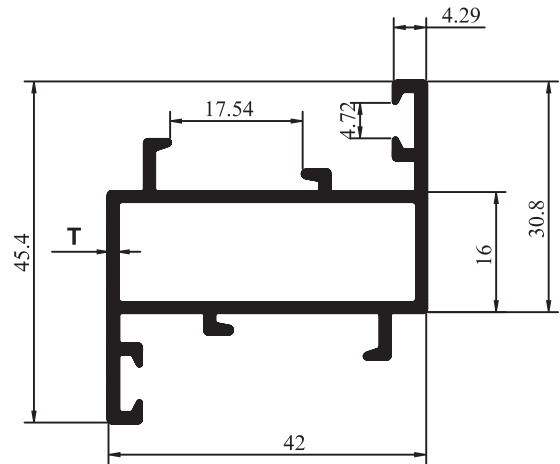
No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>4701</b>	1.18	1.400-1.700
2			

## Z MULLIAN



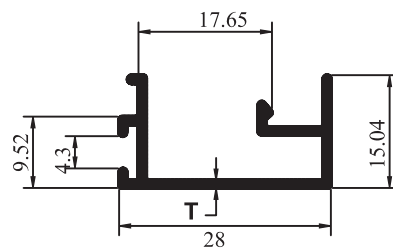
No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>4703</b>	1.10	2.100-2.400
2			

## Z HOLLOW/ SHUTTER



No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>4705</b>	1.20	2.200-2.500
2			

## Z CLIP

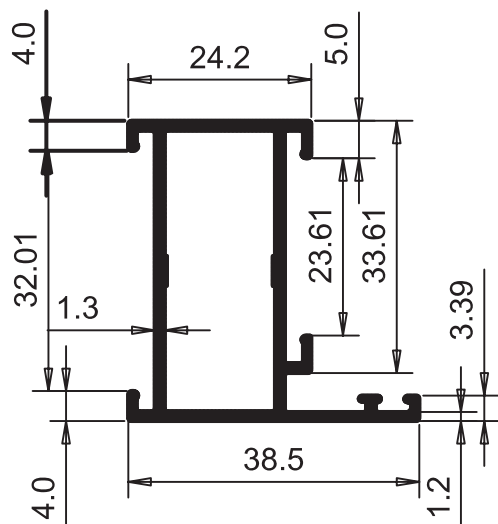


No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>4707</b>	1.10	0.750-0.950
2			

SECTIONS NOT TO BE SCALED

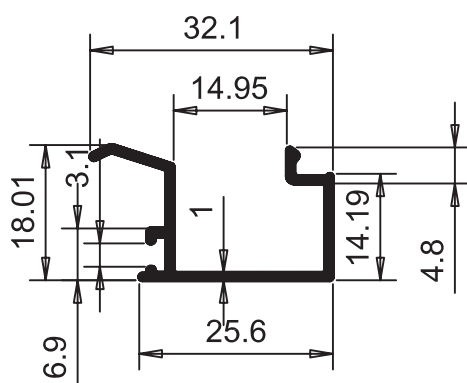
ALL DIMENSIONS ARE IN M.M.

## R40 SHUTTER/FRAME



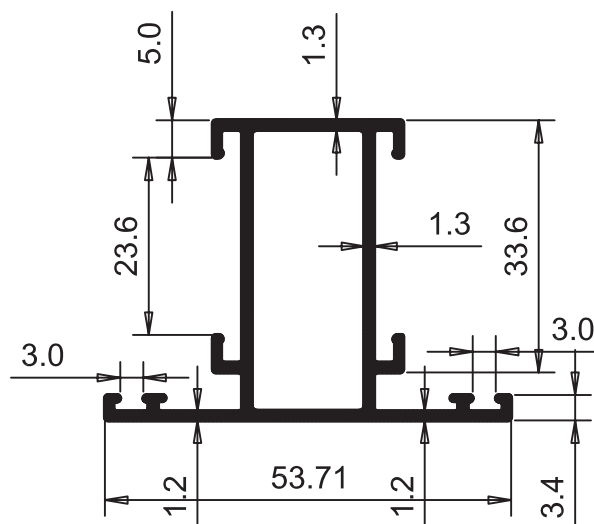
No.	Section No.	T (mm)	Weight (Kg./12')
1	4711	1.30	2.000-2.200
2			

## R40 CLIP



No.	Section No.	T (mm)	Weight (Kg./12')
1	4715	1.00	0.750-0.850
2			

## R40 MULLIAN



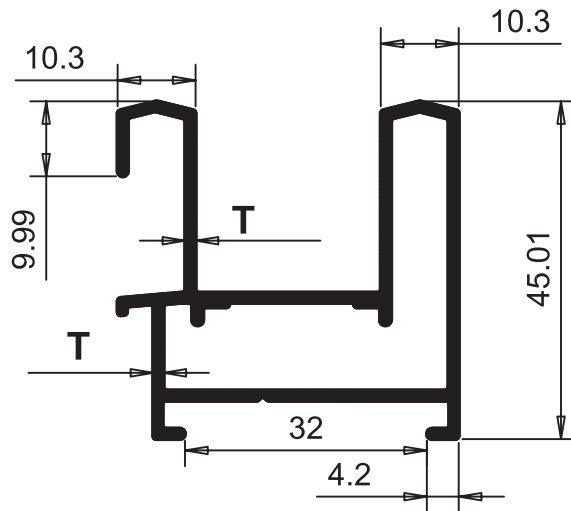
No.	Section No.	T (mm)	Weight (Kg./12')
1	4713	1.30	2.300-2.500
2			

SECTIONS NOT TO BE SCALED

ALL DIMENSIONS ARE IN M.M.

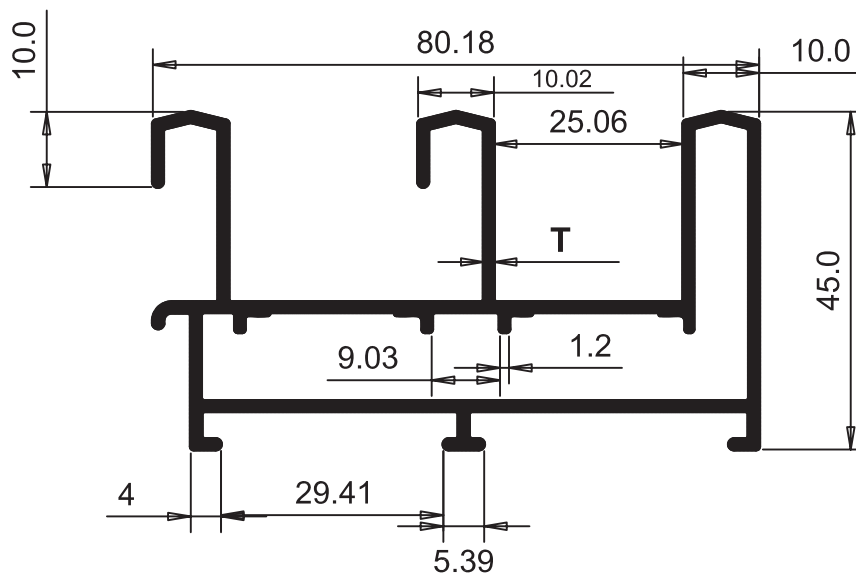


## DOMAL 2 TRACK



No.	Section No.	T (mm)	Weight (Kg./12')
1	4201	1.35	2.800-3.200
2	4202	1.54	3.200-3.500
3			

## DOMAL 3 TRACK

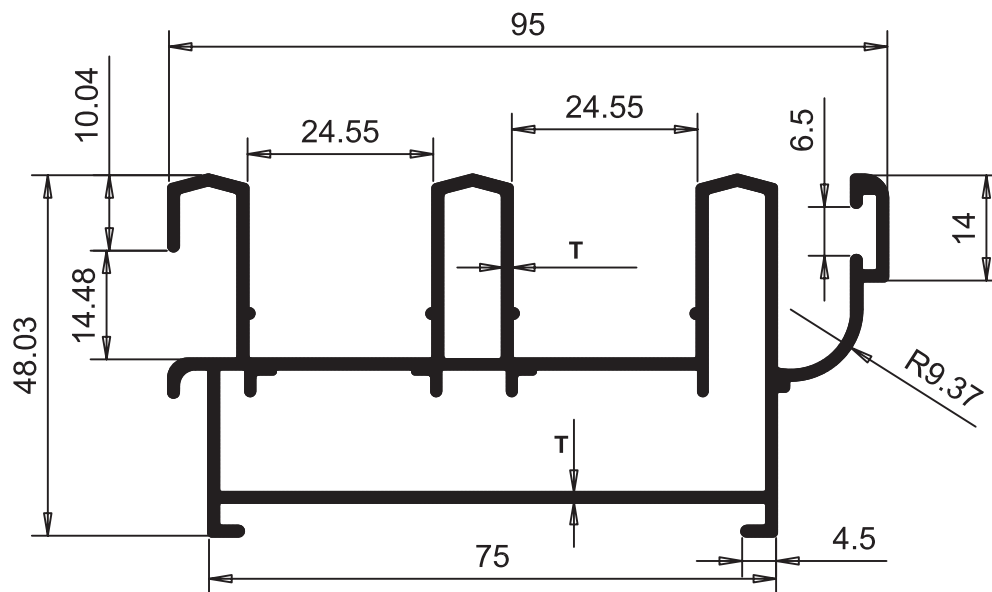


No.	Section No.	T (mm)	Weight (Kg./12')
1	4301	1.40	4.600-5.000
2	4302	1.50	5.000-5.500
3			

SECTIONS NOT TO BE SCALED

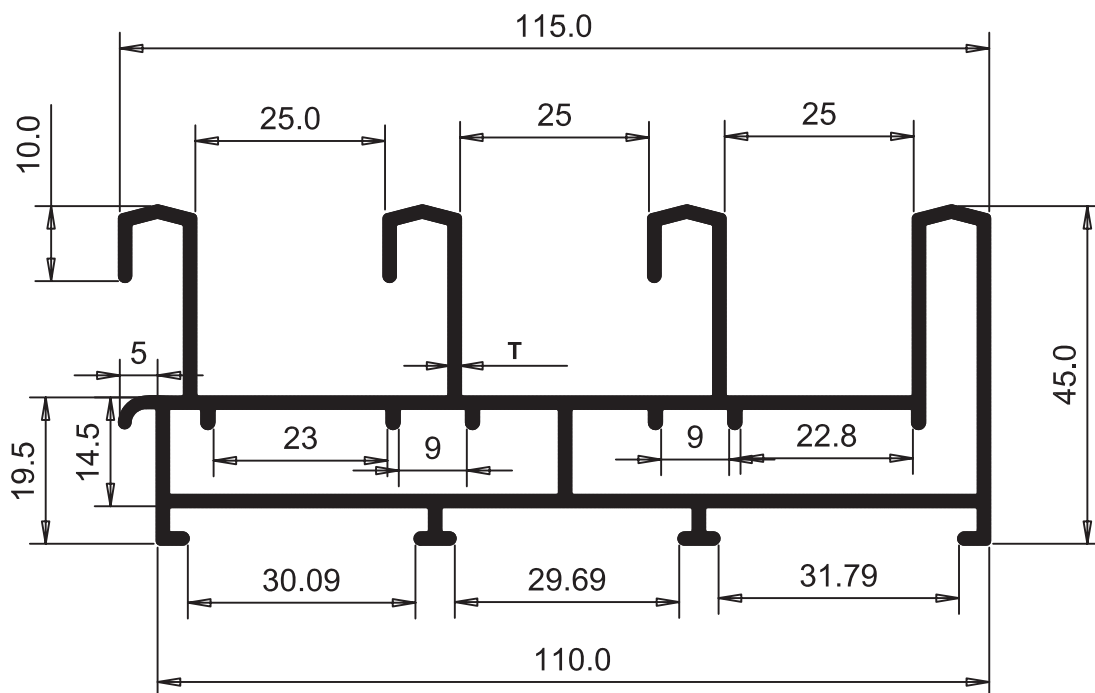
ALL DIMENSIONS ARE IN M.M.

## DOMAL 3 TRACK WITH LEG



No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>4310</b>	1.30	5.000-5.500
2			

## DOMAL 4 TRACK

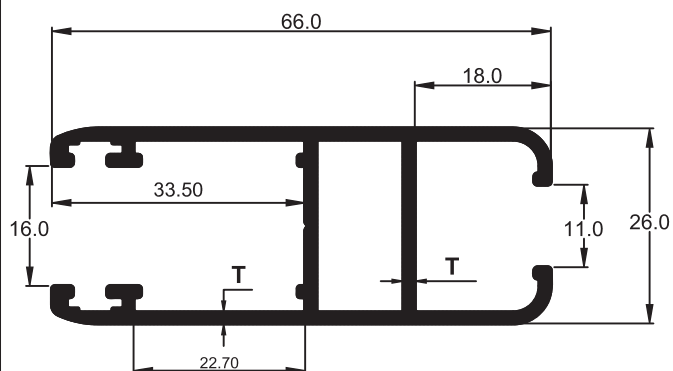


No.	Section No.	T (mm)	Weight (Kg./12')
1	<b>4401</b>	1.41	6.500-7.000
2			

SECTIONS NOT TO BE SCALED

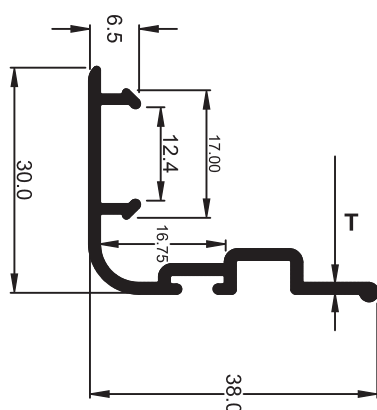
ALL DIMENSIONS ARE IN M.M.

## DOMAL SHUTTER (26MM)



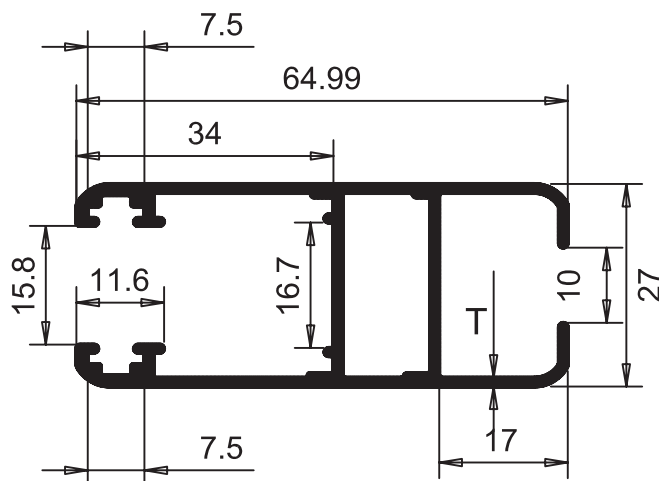
No.	Section No.	T (mm)	Weight (Kg./12')
1	4501	1.20	2.500-3.000
2	4502	1.45	3.000-3.500
3			

## DOMAL CLIP (26MM)



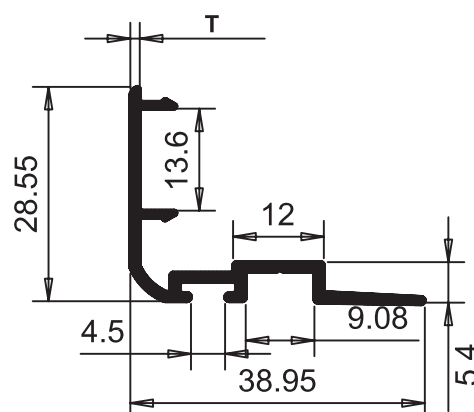
No.	Section No.	T (mm)	Weight (Kg./12')
1	4601	1.15	0.950-1.100
2			

## DOMAL SHUTTER (27MM)



No.	Section No.	T (mm)	Weight (Kg./12')
1	4551	1.21	2.600-2.900
2	4552	1.45	2.900-3.300
3			

## DOMAL CLIP (27MM)

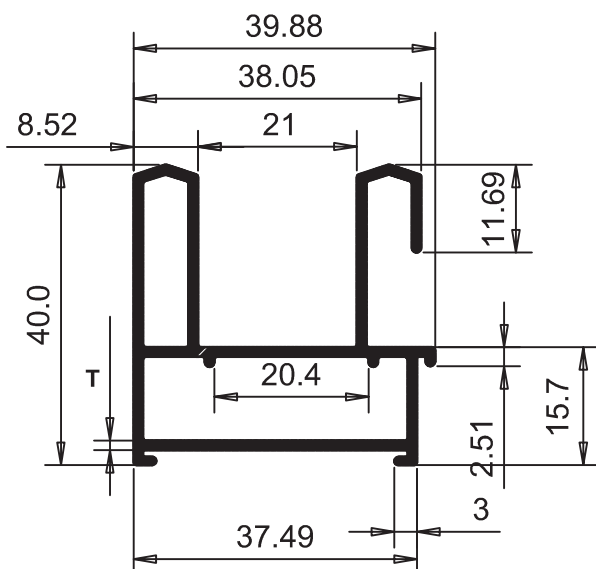


No.	Section No.	T (mm)	Weight (Kg./12')
1	4651	1.20	1.000-1.150
2			

SECTIONS NOT TO BE SCALED

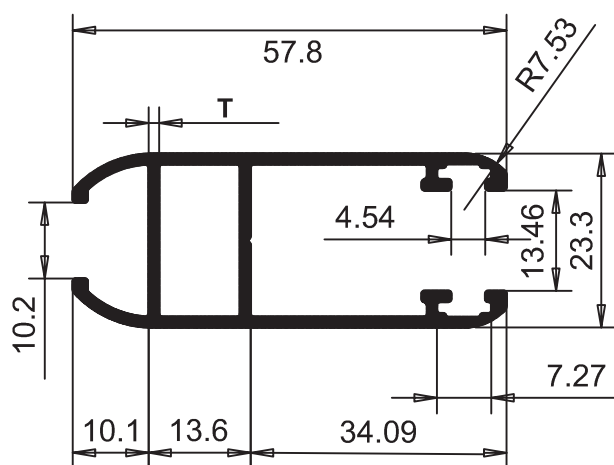
ALL DIMENSIONS ARE IN M.M.

## MINI DOMAL 2 TRACK



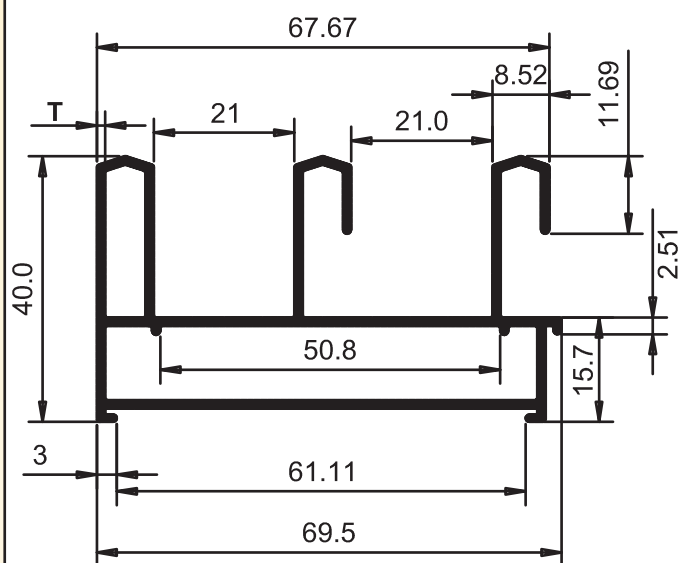
No.	Section No.	T (mm)	Weight (Kg./12')
1	4211	1.25	2.400-2.800
2			

## MINI DOMAL SHUTTER



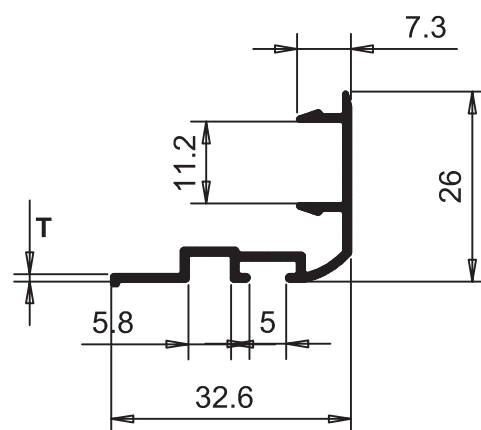
No.	Section No.	T (mm)	Weight (Kg./12')
1	4511	1.50	2.500-2.900
2			

## MINI DOMAL 3 TRACK



No.	Section No.	T (mm)	Weight (Kg./12')
1	4311	1.25	3.600-4.000
2			

## MINI DOMAL CLIP

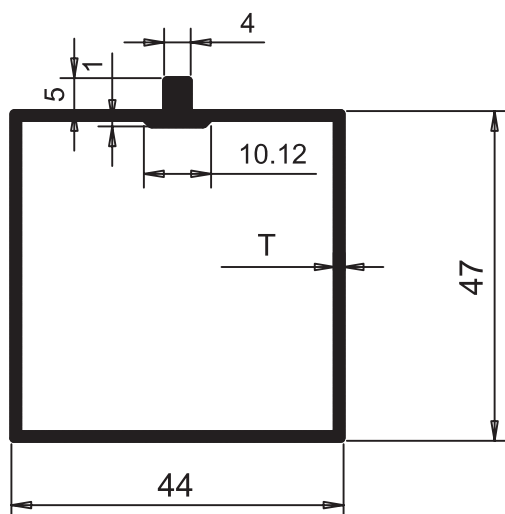


No.	Section No.	T (mm)	Weight (Kg./12')
1	4611	1.00	0.800-1.000
2			

SECTIONS NOT TO BE SCALED

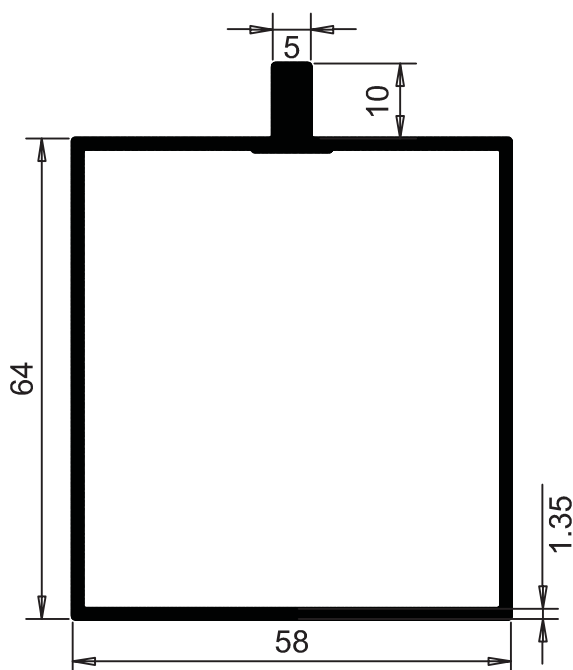
ALL DIMENSIONS ARE IN M.M.

## CURTAIN WALL



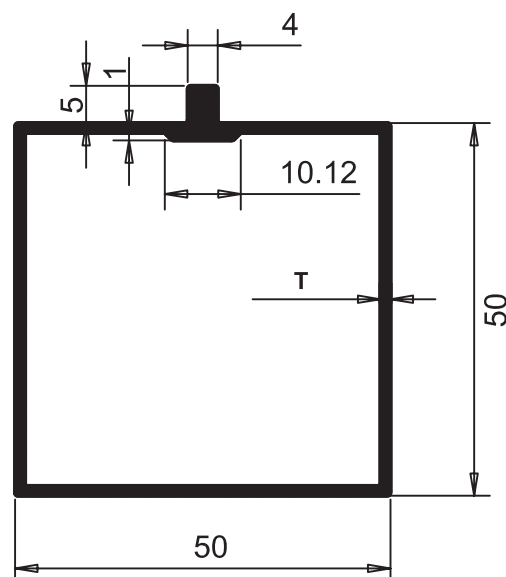
No.	Section No.	T (mm)	Weight (Kg./12')
1	5401	1.40	2.300-2.900

## CURTAIN WALL



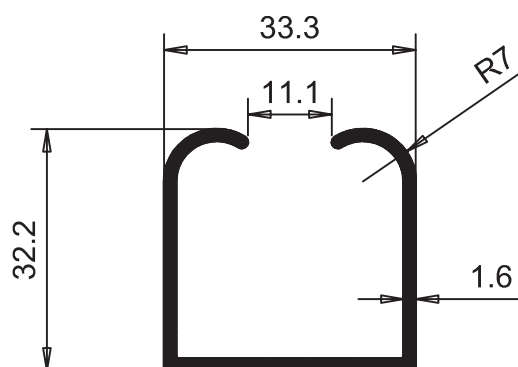
No.	Section No.	T (mm)	Weight (Kg./12')
1	5410	1.35	3.600-4.000

## CURTAIN WALL



No.	Section No.	T (mm)	Weight (Kg./12')
1	5405	1.33	3.000-3.700

## SLIDING CHANNEL ( C-Type )

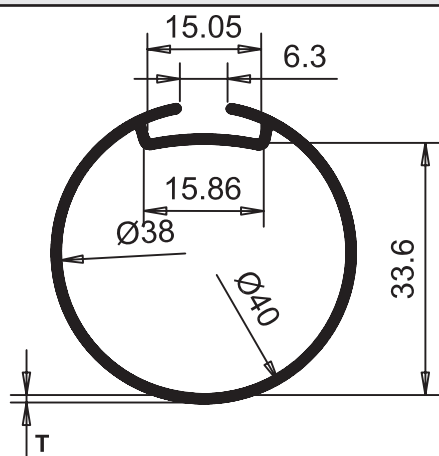


No.	Section No.	T (mm)	Weight (Kg./12')
1	5706	1.60	1.700-2.000

SECTIONS NOT TO BE SCALED

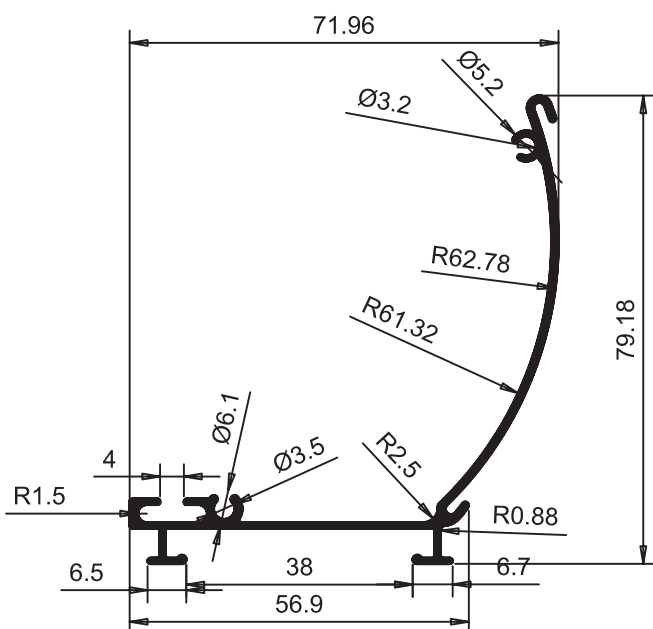
ALL DIMENSIONS ARE IN M.M.

## CURTAIN PIPE



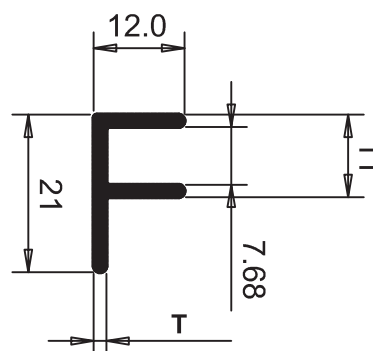
No.	Section No.	T (mm)	Weight (Kg./12')
1	5421	1.00	1.350-1.650
2			

## CURTAIN PALMETE



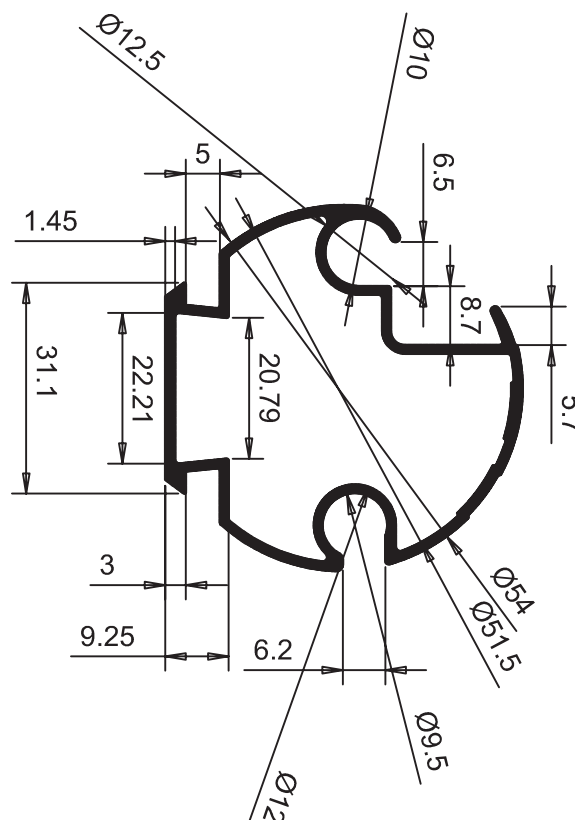
No.	Section No.	T (mm)	Weight (Kg./12')
1	5703	-	2.200-2.500
2			

## F SECTION



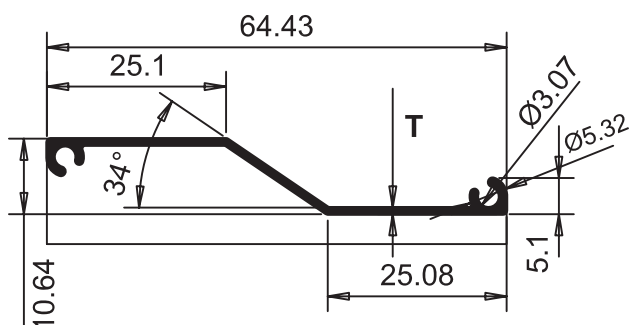
No.	Section No.	T (mm)	Weight (Kg./12')
1	5621	1.60	0.600-0.800
2			

## SEC. No. 5705



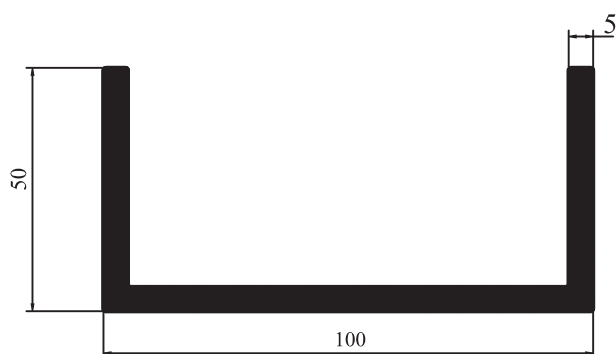
No.	Section No.	T (mm)	Weight (Kg./12')
1	5705	-	3.100-3.600
2			

## 2.5" LOUVER



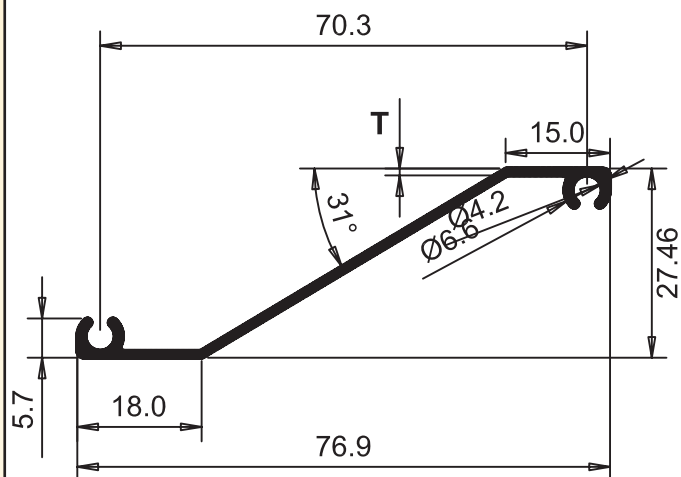
No.	Section No.	T (mm)	Weight (Kg./12')
1	5451	0.95	0.700-0.900
2			

## C CHANNLE



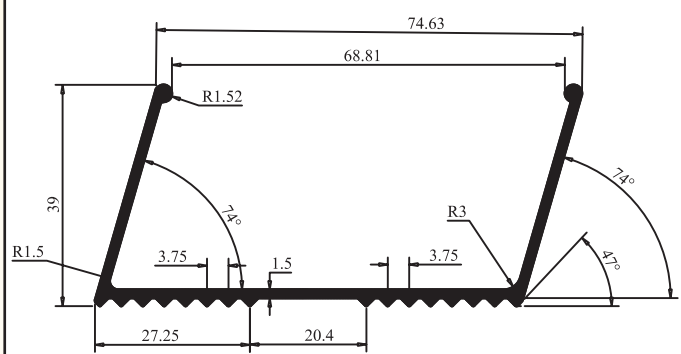
No.	Section No.	T (mm)	Weight (Kg./12')
1	5641	5.00	9.150-9.300
2			

## 3" LOUVER



No.	Section No.	T (mm)	Weight (Kg./12')
1	5455	1.00	1.000-1.200
2			

## LADDER STEP

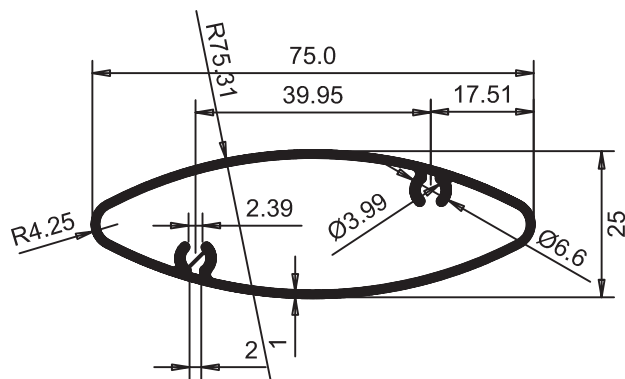


No.	Section No.	T (mm)	Weight (Kg./12')
1	5704	-	2.600-3.000
2			

SECTIONS NOT TO BE SCALED

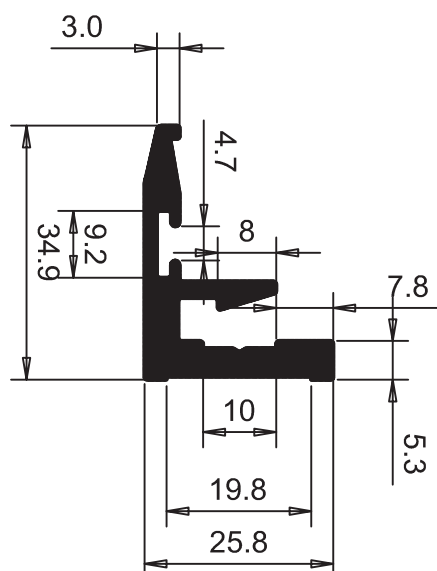
ALL DIMENSIONS ARE IN M.M.

## OVEL 3"



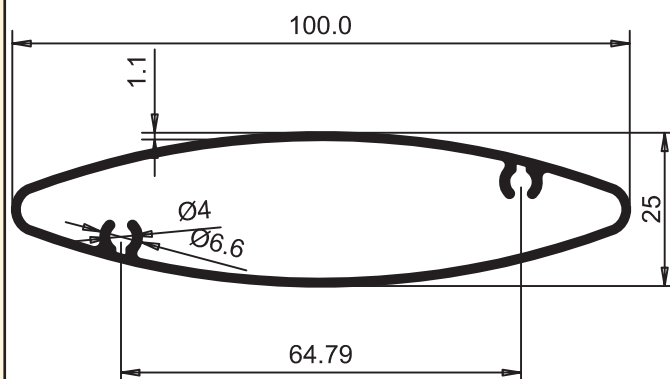
No.	Section No.	T (mm)	Weight (Kg./12')
1	5441	1.00	1.800-2.100
2			

## M/F PROFILE



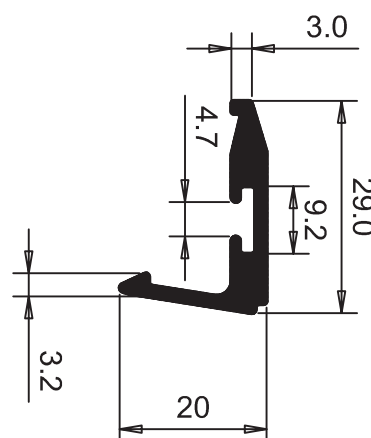
No.	Section No.	T (mm)	Weight (Kg./12')
1	3111	-	2.400-2.700

## OVEL 4"



No.	Section No.	T (mm)	Weight (Kg./12')
1	5443	1.10	2.500-2.800
2			

## M/F PROFILE



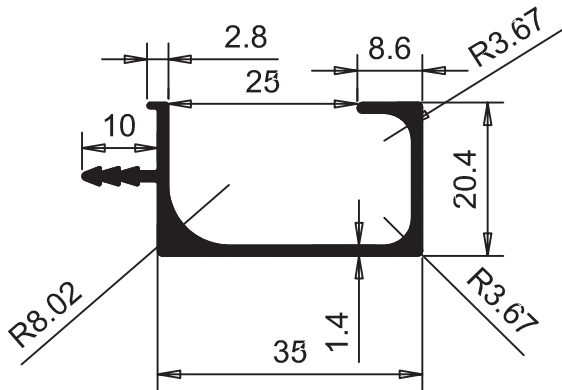
No.	Section No.	T (mm)	Weight (Kg./12')
1	3112	-	1.150-1.350

SECTIONS NOT TO BE SCALED

ALL DIMENSIONS ARE IN M.M.

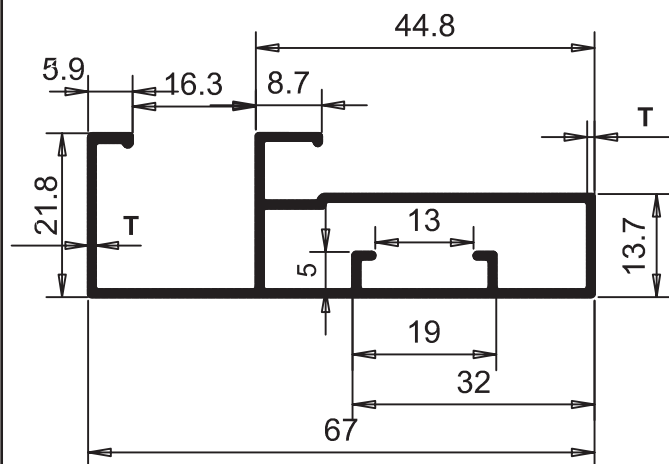


## G HANDLE PROFILE (35mm)



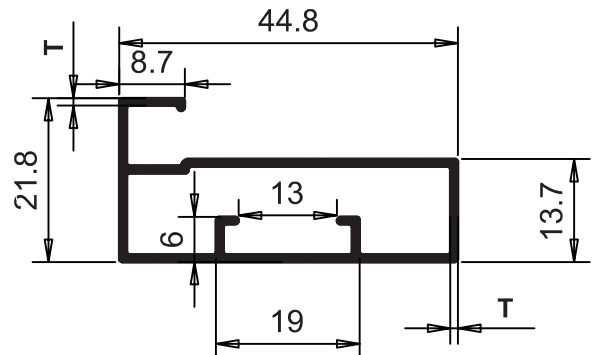
No.	Section No.	T (mm)	Weight (Kg./12')
1	5751	1.40	1.450-1.850
2			

## HANDLE PROFILE (67mm)



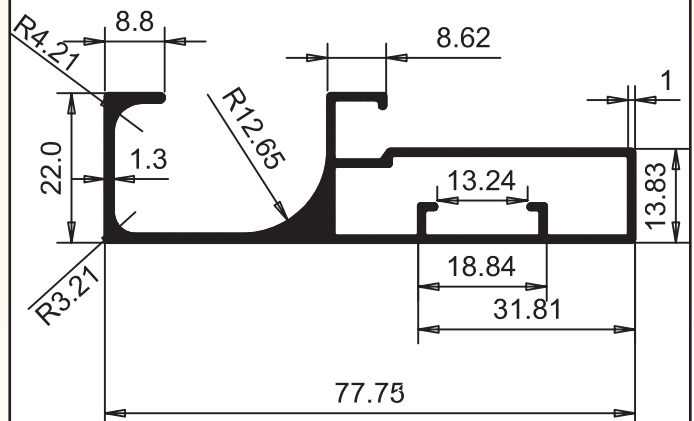
No.	Section No.	T (mm)	Weight (Kg./12')
1	5753	1.05	1.900-2.300
2			

## FRAME PROFILE (45mm)



No.	Section No.	T (mm)	Weight (Kg./12')
1	5752	1.05	1.100-1.500
2			

## HANDLE PROFILE (78mm)

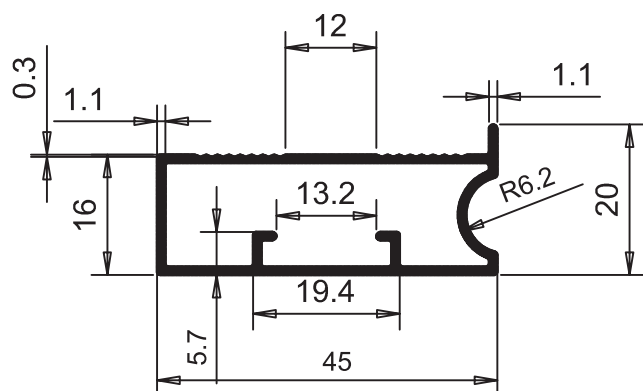


No.	Section No.	T (mm)	Weight (Kg./12')
1	5754	-	2.600-3.000
2			

SECTIONS NOT TO BE SCALED

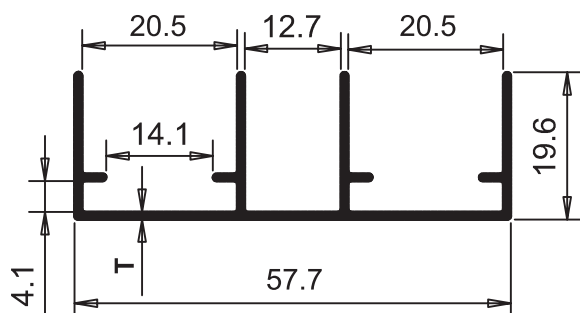
ALL DIMENSIONS ARE IN M.M.

## GLASS FRAME PROFILE



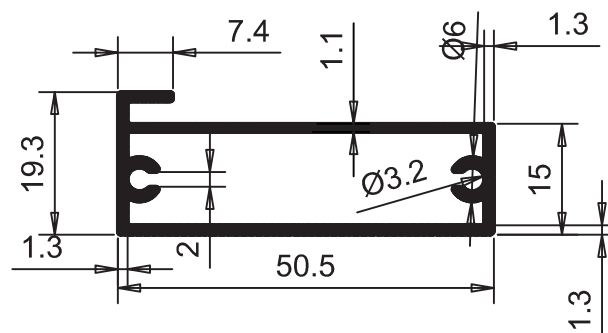
No.	Section No.	T (mm)	Weight (Kg./12')
1	5755	1.15	2.400-2.800
2			

## SLIDING DOUBLE TRACK TOP



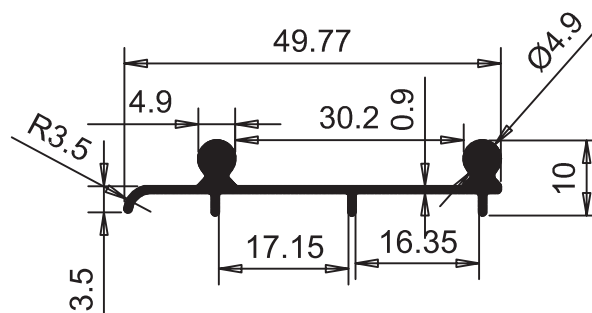
No.	Section No.	T (mm)	Weight (Kg./12')
1	5756	1.05	1.400-1.700
2			

## SEC. No. 5702



No.	Section No.	T (mm)	Weight (Kg./12')
1	5702	1.20	1.800-2.200
2			

## SLIDING DOUBLE TRACK BOTTOM

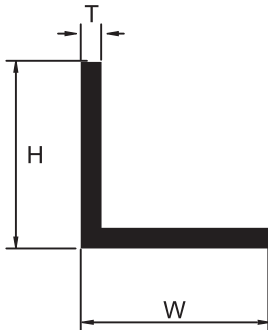


No.	Section No.	T (mm)	Weight (Kg./12')
1	5757	-	1.000-1.300
2			

SECTIONS NOT TO BE SCALED

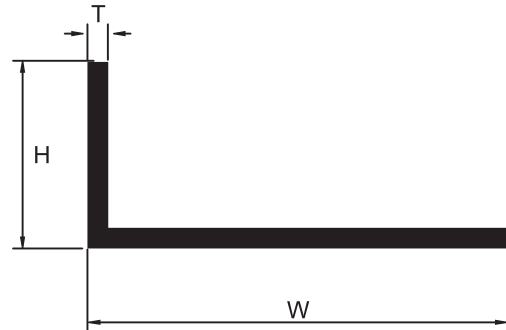
ALL DIMENSIONS ARE IN M.M.

## EQUAL ANGLES



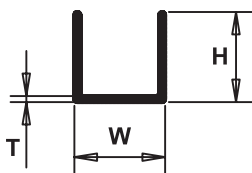
No.	Section No.	W	H	T	Weight (Kg./12')
1	<b>5501</b>	19	19	2.00	0.700-0.900
2	<b>5506</b>	25	25	2.00	0.900-1.100
3	<b>5511</b>	38	38	2.50	1.800-2.000
4	<b>5512</b>	38	38	3.00	2.200-2.500
5	<b>5515</b>	50	50	3.00	2.800-3.000
6	<b>5516</b>	50	50	4.0	3.800-4.000
7					
8					

## UNEQUAL ANGLES



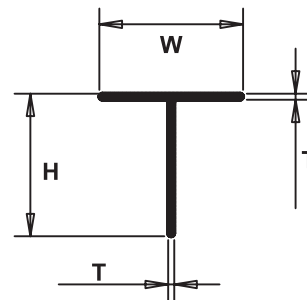
No.	Section No.	W	H	T	Weight (Kg./12')
1	<b>5551</b>	38	25	1.70	1.000-1.200
2	<b>5552</b>	38	25	2.30	1.400-1.600
3	<b>5556</b>	60	25	3.90	3.050-3.150
4					
5					
6					
7					
8					

## U CHANNLE



No.	Section No.	H	W	T	Weight (Kg./12')
1	<b>5602</b>	9.50	9.50	0.90	0.220-0.260
2	<b>5606</b>	12	12	0.80	0.260-0.300
3	<b>5608</b>	16.3	9.60	1.20	0.400-0.600
4					
5					
6					

## T CHANNLE



No.	Section No.	H	W	T	Weight (Kg./12')
1	<b>5651</b>	19	19	0.80	0.300-0.400
2					
3					
4					
5					
6					

SECTIONS NOT TO BE SCALED

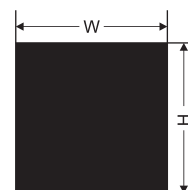
ALL DIMENSIONS ARE IN M.M.

## FLAT BARS



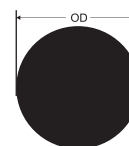
No.	Sec. No.	W	T	Wt (Kg. Mtr)	Weight (Kg./12')
1	<b>5801</b>	12.0	5.15	0.166	0.610-0.800
2	<b>5802</b>	25.0	3.00	0.204	0.750-0.850
3	<b>5803</b>	25.0	5.00	0.337	1.200-1.400
4	<b>5804</b>	25.0	6.00	0.409	1.500-1.700
5	<b>5805</b>	25.0	10.00	0.680	2.500-2.700
6	<b>5806</b>	25.4	5.50	0.374	1.250-1.450
7	<b>5807</b>	25.4	10.00	0.683	2.400-2.600
8	<b>5808</b>	28.0	6.00	0.450	1.650-1.850
9	<b>5809</b>	31.5	5.00	0.425	1.500-1.650
10	<b>5810</b>	35.0	3.00	0.283	1.030-1.230
11	<b>5811</b>	40.0	6.00	0.655	2.400-2.600
12	<b>5812</b>	40.0	10.00	1.092	4.000-4.200
13	<b>5813</b>	50.0	6.00	0.819	3.000-3.200
14	<b>5814</b>	50.0	10.00	1.350	4.950-5.150
15	<b>5815</b>	50.0	12.00	1.616	5.800-6.000
16	<b>5816</b>	60.0	3.00	0.480	1.750-1.950
17	<b>5817</b>	60.0	10.00	1.616	5.800-6.000
18	<b>5818</b>	75.0	5.00	1.000	3.700-3.900
19	<b>5819</b>	75.0	6.00	1.215	4.450-4.650
20	<b>5820</b>	100.0	6.00	1.612	5.900-6.150
21	<b>5821</b>	100.0	10.00	2.693	9.750-9.950
22	<b>5822</b>	125.0	2.70	0.910	3.200-3.500
23	<b>5823</b>	125.0	4.00	1.350	4.900-5.200
24	<b>5824</b>				
25	<b>5825</b>				

## SQUARE BARS



No.	Section No.	W	H	Weight (Kg./12')
1	<b>5901</b>	12.00	12.00	1.400-1.500
2	<b>5902</b>	12.70	12.70	1.550-1.650
3	<b>5903</b>	19.00	19.00	3.550-3.650
4	<b>5904</b>	25.40	25.40	3.650-6.450
5	<b>5905</b>	38.00	38.00	14.250-14.450
6	<b>5906</b>	41.00	41.00	16.600-16.800
7	<b>5907</b>			

## ROUND BARS



No.	Section No.	OD	Weight (Kg./12')
1	<b>5951</b>	9.10	0.600-0.700
2	<b>5952</b>	9.60	0.700-0.800
3	<b>5953</b>	9.75	0.730-0.830
4	<b>5954</b>	10.50	0.850-0.950
5	<b>5955</b>	10.65	0.870-0.970
6	<b>5956</b>	11.40	0.980-1.100
7	<b>5957</b>	12.00	1.100-1.200
8	<b>5958</b>	15.50	0.850-0.950
9	<b>5959</b>	17.50	2.300-2.400
10	<b>5960</b>	19.00	2.800-2.900
11	<b>5961</b>	22.20	3.800-3.900
12	<b>5962</b>	25.40	4.000-4.100
13	<b>5963</b>	30.00	6.950-7.100
14	<b>5964</b>	31.75	7.800-7.900
15	<b>5965</b>	36.00	10.000-10.100
16	<b>5966</b>	38.00	11.200-11.300
17	<b>5967</b>	40.00	12.400-12.500

SECTIONS NOT TO BE SCALED

ALL DIMENSIONS ARE IN M.M.