



Windalco Aluminium

ALL RANGE FOR ARCHITECT PRODUCT - 2020



VISION

With our high tech ability and unparalleled manpower skill. Our vision is to guarantee excellence precision and modernization as per the local and global Standard. In House Process Facility of All Types of Anodise and Powder Coatig, Wood Finish Available.



MISSION

It is our mission to adhere to the Quality in all our course of actions, with the firm Control at all production levels to manufacture technically best - quality products that suits clients requirements.

About the Company

“UMIYA GROUP” Establisled since 1997 to working a small parts of Aluminium for bright finished. After that upgrade all proccess with modern technology and quality standered givan by international level for our customer.

Now We have Aluminium extrusion with all types process for Anodiese and Auto-Conveyor powder Coating, Wood Finish included 10,15,25 Years Warranty Powder Coating & Testing with all test in our Modern Equipment in house Laboratory.

Windalco Aluminium has installed most modern extrusion plant of 1000 M.T.&750 M.T. capacity various other modern handling equipments to produce quality product.

We have in house foundry with modern melting furnace including fully Automatic HOT TOP Casting technology. We are able to produce high refined close grain with has uniform manner & Oxide free Logs wich helps to get result of superior finish on extrusion surface. Raw material and Alloy composition with in very close tolerance and achieving desired mechanical & chemical properties. The dies used in extrusion are made with latest tool room equipment which give us best quality.

Windalco Aluminium has very modern and Latest Electric fired ageing furnace to achieve **carbon free extrusion** product to get better Anodizing and Colour Anodizing with Higher Micron Quality.



Shailesh Patel (Director)
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Windalco Aluminium

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Mehsana - Himatnagar Highway, Tal.: Vijapur, Dist.: Mehsana.
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S. K. Patel (Director)
M. +91 8141318430

General Information

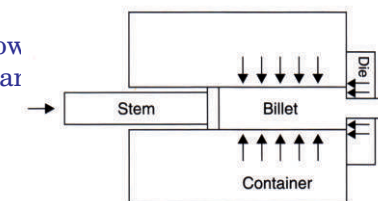
The sections shown in this Catalogue are regular profiles for which dies are available with us on the date of publication and are available to customers without dies charges. We are continually adding to the range of extrusion dies. If the particular section, required by you, is not shown in the Catalogue, please write to our works at Chhatral 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 section is required.

All the Standard Section 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 be subject to special enquiry.

About Extrusion

Extrusion is a plastic deformation process in which a block of metal (billet) is forced to flow by compression through the dies opening of a smaller cross-sectional area than that of the original billet as shown in figure process. Indirect compressive forces are developed by the reaction of the billet with the container and die; these forces reach high values. The reaction of the billet with the container and die results in high compressive stresses that are effective in reducing the cracking of the billet material during primary breakdown from the billet. Extrusion is the best method for breaking down the cast structure of the billet because the billet is subjected to compressive forces only.

In hot extrusion, the billet is preheated to facilitate plastic deformation.



Physical properties of Aluminium

Specific Gravity	2.70
Electrical Conductivity	- 53 to 62% IACS
Co-efficient to liner expansion	- 22 X 10 ⁻⁶ mm/mm/Oc
Thermal Conductivity (at 20 C)	- 0.53 Cal/Sq. cm/sec.)cm/0C
Electrical Resistivity (at 20 C)	- 2.850 micro-ohm (for EC-o)
Modulus of Elestivity	- 7 X 10 ⁵ kg/cm ²

General Information

ALLOY	INDIA = 63400; AMERICA = Aa6063, BRITISH = BS He9 (NOTE : Other alloys can be given against specific enquiries)
Tensiles Strength	185 (Mpa); Elongation : 7% Hardness : 71 to 84 Rockwell E
EXTRUSIONS	Up to 120 mm for solid sections, Up to 100 mm for hollow sections
Width / (CCD)	
Lengths	As per customer's requirement
Weight	The weights kg/m given in catalogure are the nominal weights. In practice, tolerance, alloy and such other factors will effect the final weight and a normal variation of + or - 10% should be expected.
TOLERANCES	Generally as per British Standard BS 1474 : 1987 and as per Indian Standard a) IS 2673 : For Round Tubes b) IS 6477 : For Hollow Sections (Other than round tubes) c) IS 3965 : For Solid Sections

Aluminium Alloy Specification

(A) MECHANICAL PROPERTIES

Alloy specification		Temper		0.2% Proof Stress	Tensile Strength	Ultimate Elongation % on 50 mm Gauge %	Typical Brinell Hardness	Equivalents Alloy
Old	New	Old	New	Mpa. Min.	Mpa. Min.	Min.	No BHN	
EIC	19000	M	F	-	(65)	(18)	20	-
EIB	19500	M	F	-	(65)	(23)	18	-
HE9	63400	M	F	-	(110)	(23)	-	Aa6063
		W	T4	80	140	14	45	
		P	T5	140	170	7	-	
		WP	T6	150	185	7	60	
E91E	63401	W	T4	80	140	12	-	
		WP	T6	135	170	12	55	
HE30	64430	M	F	-	(110)	(14)	-	Equivalents Aa6063
		W	T4	120	185	14	60	
He20		WP	T6	270	310	7	95	ISO Al Si 1 Mg Mn ASTM 6351
-	65032	M	F	-	(110)	(12)	-	
		W	T4	115	185	14	55	
		WP	T6	235	280	7	85	
-	AA6005	P	T5	240	260	8	80	ASTM B221M
-	AA6060		T4	60	120	16	-	BS 1474 ISO-Al Mg Si
			T5	100	145	8	-	
			T6	150	190	8	60	
-	AA6061		T4	115	190	16	65	Equivalent ISO Al Mg 1 Si Cu
			T6 T6510	240	280	8	85	

Note :

* No Mechanical Properties are specified in F (or M) Condition

* The bracketed values are given for information only.

* 1 Mpa = 1 N/mm² = 0.102 kgf/mm²

Typical BHN values are given for information only and no guarantee is implied.

(B) CHEMICAL COMPOSITION IN PERCENTAGE

Designation	Copper	Magnesium	Silicon	Iron	Manganese	Zinc	Titanium	Chromium	Others		Aluminium	Remarks
	Cu	Mg	Si	Fe	Mn	Zn	Ti	Cr	Each	Total	Al	Ti+V=0.07
19000	0.1	0.2	0.5	0.7	0.1	0.1	-	-	0.05	-	99.0 Min	T+V=0.07
19500	0.05	0.05	0.3	0.4	0.05	0.1	-	-	0.03	-	99.5 Min	
63400	0.1	0.4-0.8	0.3-0.7	0.6	0.3	0.2	0.2	0.1	0.05	0.15	Remainder	
63401	0.05	0.4-0.9	0.3-0.7	0.5	0.03	0.10	0.10	0.03	0.03	0.10	Remainder	
64430	0.1	0.4-1.2	0.6-1.3	0.6	0.4-1.0	0.1	0.2	0.25	0.05	0.15	Remainder	
65032	0.15-0.4	0.7-1.2	0.4-0.8	0.7	0.2-0.8	0.2	0.2	0.15-0.35	0.05	0.15	Remainder	Either Mn or Cr shall be present
Aa6005	0.10	0.40-0.60	0.60-0.90	0.35	0.10	0.10	0.10	0.10	0.05	0.15	Remainder	
AA6060	0.10	0.35-0.60	0.35-0.60	0.10-0.30	0.10	0.15	0.10	0.05	0.05	0.15	Remainder	
AA6061	0.15-0.40	0.8-1.20	0.8-1.20	0.7	0.15	0.25	0.15	0.04-0.35	0.05	0.15	Remainder	

Note :

Composition in Maximum unless shown as a range or a minimum.

ELECTRO PLATING (Colour Anodiese & Natural Anodiese)

Anodisation is an aluminium Surface finishing process used to increase its resistance to corrosion and abrasion, while also altering its apperance.

The process of Anodisation Protects the Profiles from oxidisation due to contact with air by laying anodic film of up to 25 microns thereby sealing the surface of the aluminium.

Anodised colours available : - Silver Matt & Polish

- Champagne Matt & Polish

- Light Brown Matt & Polish

- Dark Brown Matt & Polish

- Black Matt & Polish



Annual Plant Capacity - 3000 MT

Thickness - 10-25 Microns.

Plant / Tanks - 15 tanks

Rectifiers - 2 nos.6000 Amps.

Profile lenth - 7 Meter max.

POWDER COATING

Pre-Treatment	- Henkel
Powder Coating	- Akzonobel / Jotun Approved
Sprey System	- Auto Conversation & Manual
Thickness Range	- 60 to 150 microns.
Colours	- All Ral Shades
Type	- Metalic / Non Metalic etc.
Gloss	- High Glossy / Semi Glossy Matt
Finish	- Plain, Texture, Structures
Maximum Lenth	- 6500 mm (22 Feets)
Capicity	- 4500 MT (Annual)

E-mail : - umiyapowdercoat3937@gmail.com, gkumiya70@gmail.com

umiyasurfacecoating1461@gmail.com

Website : www.umiyacoating.com

Contect No. : 098792 57425 G.K.Patel

098792 57325 R.N.Patel

099788 16395 U.M.Patel




ASSESSMENTS

CERTIFICATE

*This is to Certify that the
Quality Management System
of*

WINDALCO ALUMINIUM

SURVEY NO. 483, VILLAGE - DEVDA, NEAR BABHLA CROSS ROAD,
MEHSANA - HIMMATNAGAR HIGHWAY, TA. - VIJAPUR,
DIST. - MEHSANA, GUJARAT - 382830, INDIA

Has been independently assessed and is compliant
with the requirements of

ISO 9001:2015

This certificate is applicable to the following product or service ranges:
**MANUFACTURER & EXPORTER OF ALL TYPE ALUMINIUM
BILLETS AND EXTRUDED PROFILES**

IAF Code: 17 NACE Code: 24.10

:: Certificate No :: **IN116892A**

Date of initial registration	08 July 2019
Date of this certificate	08 July 2019
Recertification Due / Certificate expiry	07 July 2022

This Certificate is property of LMS Certifications and remains valid
subject to satisfactory surveillance audits.


For verification and updated information concerning the present certificate visit to www.lmsassessments.com
This Certificate is the property of LMS Certifications Private Limited and shall be returned immediately when demanded.


Director




INTERNATIONAL ASSOCIATION OF CERTIFICATION BODIES


EUROPEAN LABORATORY ACCREDITATION COORDINATION INSTITUTE


LMS CERTIFICATIONS

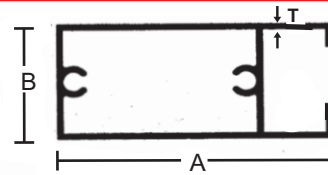
006-CB-QMS

LMS Certifications Private Limited
1, Anandham, Opp. Kukrail Picnic Spot Gate,
Farid Nagar, Lucknow - 226015, U.P. (INDIA).
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E-mail - info@lmsassessments.com

LMS/DAC/F109Q/17/REV02

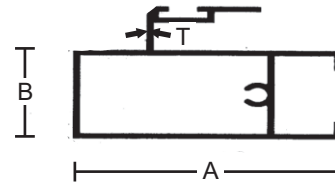
3/4" WINDOW SECTION

3/4" Handle



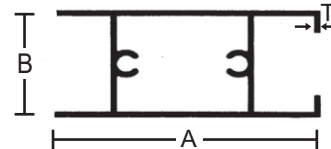
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20011	40.00	18.00	0.60	0.800 - 0.900
2	20012	40.00	18.00	0.79	1.000-1.200
3	20013	40.00	18.00	0.92	1.200-1.400
4	20014	40.00	18.00	1.20	1.400-1.600
5	20015	40.00	18.00	1.50	1.800-1.950

3/4" Inter Lock



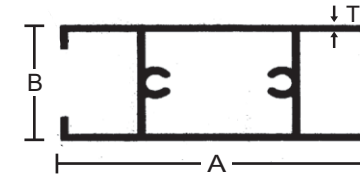
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1	20016	40.00	18.00	0.79	1.200-1.400
2	20017	40.00	18.00	0.95	1.400-1.550
3	20018	40.00	18.00	1.20	1.550-1.700
4	20019	40.00	18.00	1.50	2.000-2.200

3/4" Top Bottom



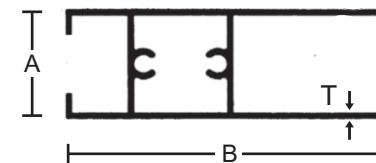
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1	20020	40.00	18.00	0.73	1.000-1.200
2	20021	40.00	18.00	0.93	1.200-1.400
3	20022	40.00	18.00	1.10	1.400-1.600
4	20023	40.00	18.00	1.20	1.600-1.750
5	20024	40.00	18.00	1.35	1.800-1.950

3/4" Middle



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20025	42.00	18.00	0.60	0.800-1.000
2	20026	42.00	18.00	1.00	1.200-1.400

3/4" Long Bearing Bottom

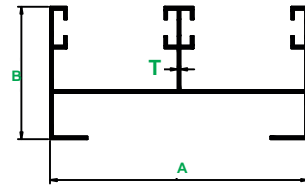


Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20027	52.10	18.00	0.85	1.200-1.400
2	20028	52.10	18.00	1.10	1.400-1.600
3	20029	52.10	18.00	1.5	2.400-2.500

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

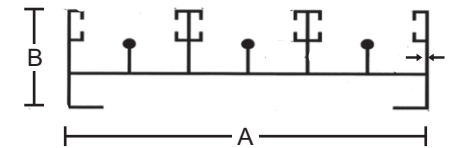
3/4" WINDOW SECTION

3/4" 2 Track Top



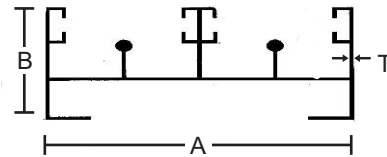
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20030	61.85	31.75	0.84	1.600-1.800
2	20031	61.85	31.75	0.94	1.800-2.000
3	20032	61.85	31.75	1.04	2.000-2.200
4	20033	61.85	31.75	1.14	2.200-2.500
5	20034	61.85	31.75	1.20	2.600-2.700
6	20035	61.85	31.75	1.50	2.700-2.900

3/4" 3 Track Bottom



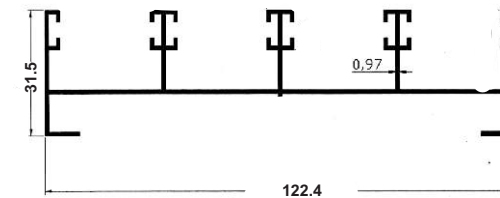
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20044	92.00	31.50	0.80	2.600-2.800
2	20045	92.00	31.50	1.10	3.200-3.400
3	20046	92.00	31.50	1.50	4.500-4.700

3/4" 2 Tr Bottom



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20036	61.85	31.75	0.85	1.700-1.900
2	20037	61.85	31.75	1.00	2.000-2.200
3	20038	61.85	31.75	1.15	2.300-2.500
4	20039	61.85	31.75	1.50	3.100-3.400

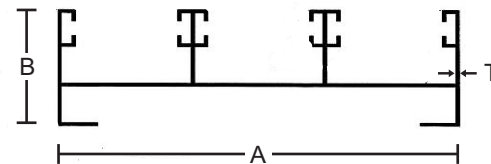
3/4" 4 Track Top



20047

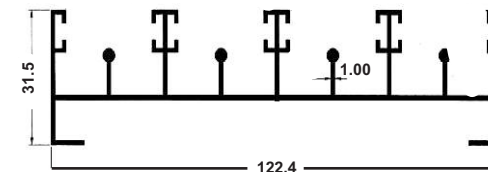
WT KG/12FT=3.400

3/4" 3 Track Top



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20040	92.00	31.50	0.85	2.200-2.400
2	20041	92.00	31.50	0.95	2.700-3.000
3	20042	92.00	31.50	1.30	3.400-3.600
4	20043	92.00	31.50	1.50	3.700-3.900

3/4" 4 Track Bottom



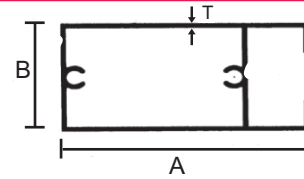
20048

WT KG/12FT=5.100

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

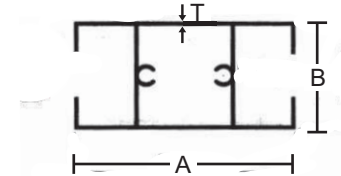
1" WINDOW SECTION

1" Handle



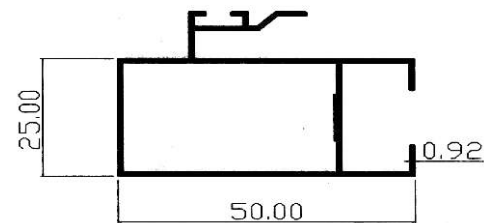
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20049	43.00	25.00	0.80	1.250-1.300
2	20050	50.00	25.00	0.75	1.300-1.350
3	20051	50.00	25.00	0.80	1.400-1.500
4	20052	50.00	25.00	0.85	1.500-1.700
5	20053	50.00	25.00	1.20	2.100-2.300
6	20054	50.00	25.00	1.40	2.400-2.600
7	20055	50.00	25.00	1.50	2.600-2.800
8	20056	75.50	25.50	1.20	2.800-3.000

1" Middle



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20060	50.00	25.00	0.70	1.450-1.550
2	20061	50.00	25.00	1.40	2.100-2.400
3	20062	75.50	25.00	1.70	2.800-3.200

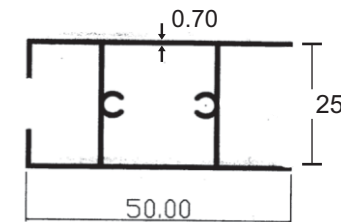
1" Interlock



20057

WT KG/12FT=2.400

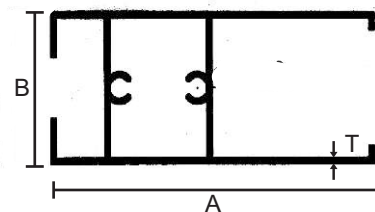
1" Top Bottom



20063

WT KG/12FT=1.450

1" Bearing Bottom



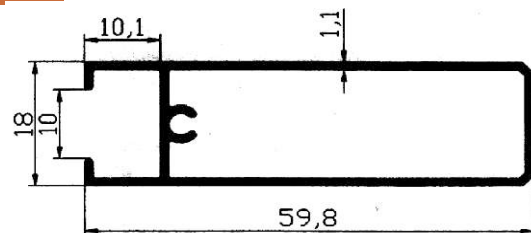
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20058	60.00	25.00	0.70	2.500 - 2.600
2	20059	60.00	25.00	1.00	3.000 - 3.100



ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

60 MM WINDOW SECTION

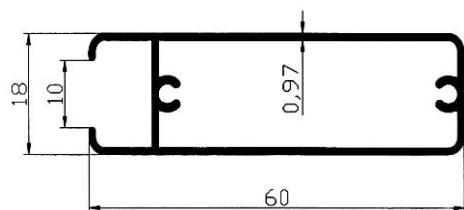
60 mm Handle



20064

WT KG/12FT=2.100

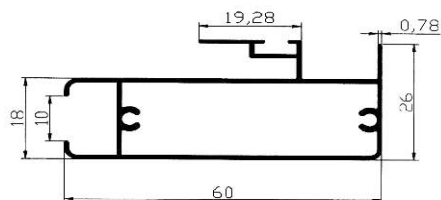
60 mm Handle



20065

WT KG/12FT=1.600

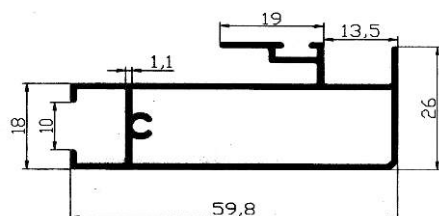
60 mm Interlock



20066

WT KG/12FT=1.600

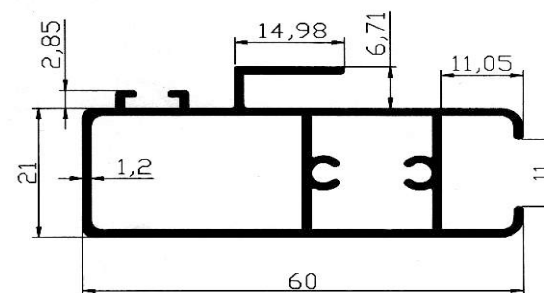
60 mm Interlock



20067

WT KG/12FT=2.000

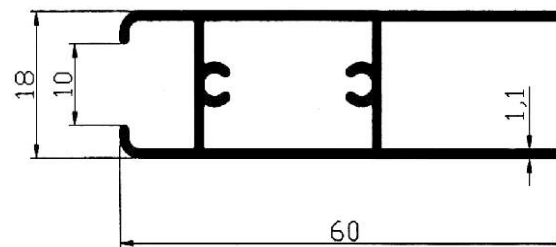
60 mm Interlock



20068

WT KG/12FT=2.650

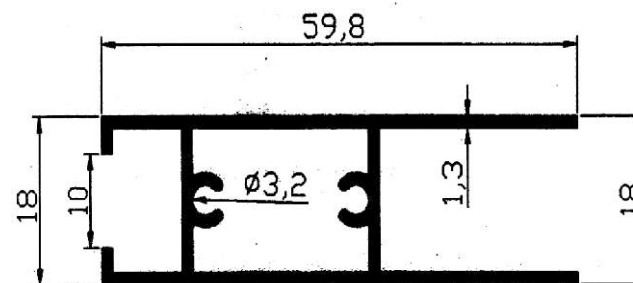
60 mm Top Bottom



20069

WT KG/12FT=1.855

60 mm Top Bottom

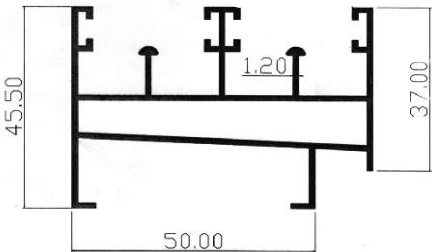
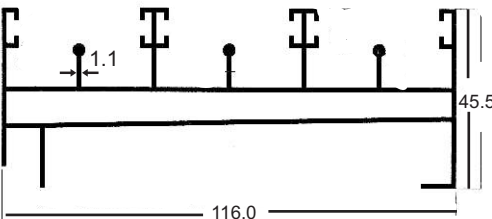
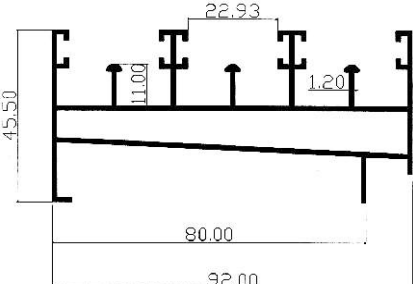
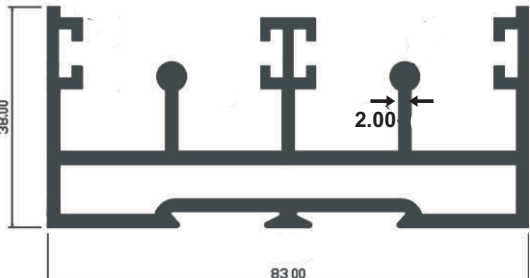
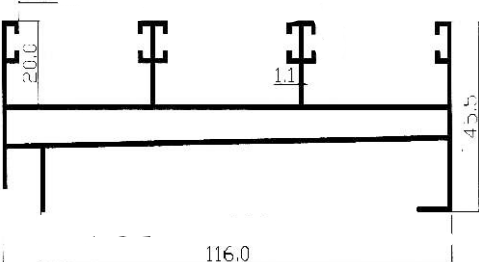
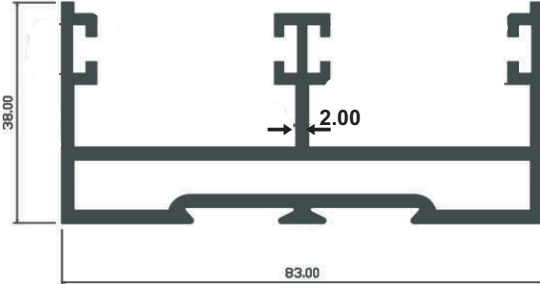


20070

WT KG/12FT=2.200

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

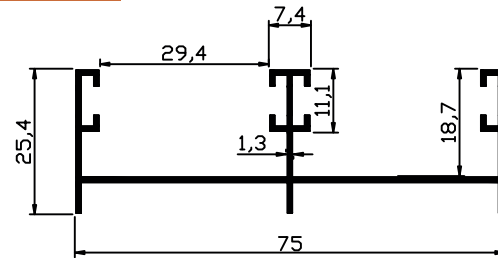
WINDOW SECTION

3/4" 2 Tr Box Bottom Hollow  20071 WT KG/12FT=3.700	3/4" 3 Tr Box Bottom  20074 WT KG/12FT=5.180
3/4" 3 Tr Box Bottom Hollow  20072 WT KG/12FT=5.000	3/4" 3 Tr Top Box  20075 WT KG/12FT=6.880
3/4" 3 Tr Top Box  20073 WT KG/12FT=4.680	3/4" 3 Tr Top Box  20076 WT KG/12FT=6.000

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ±7 TO 10%

1" WINDOW SECTION

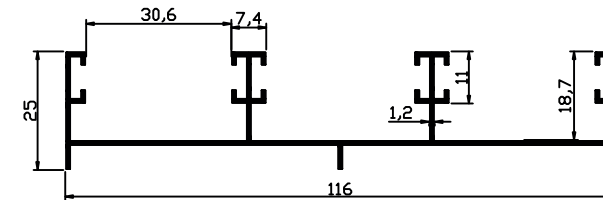
1" 2 Track Top



20077

WT KG/12FT=2.500

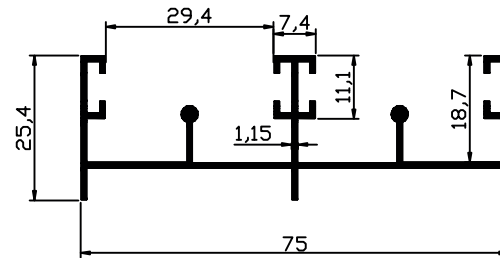
1" 3 Track Top



20080

WT KG/12FT=3.400

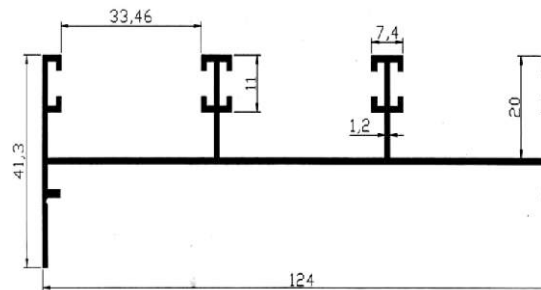
1" 2 Track Bottom



20078

WT KG/12FT=2.500

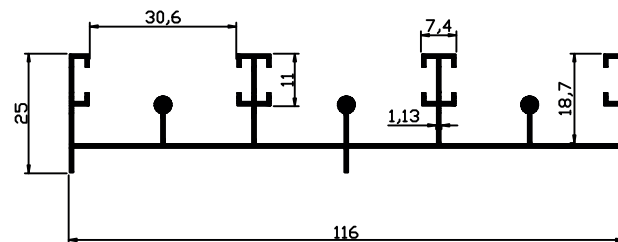
41MM 3 Tr Top



20081

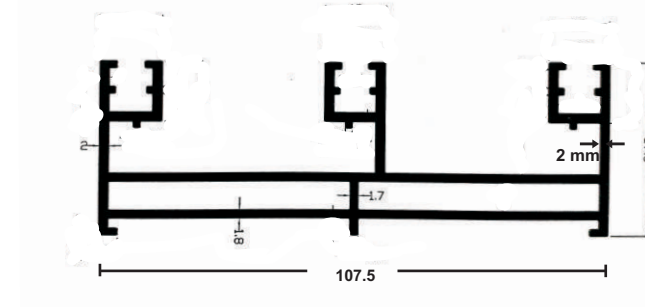
WT KG/12FT=3.700

1" 3 Track Bottom



20079

WT KG/12FT=3.600



20082

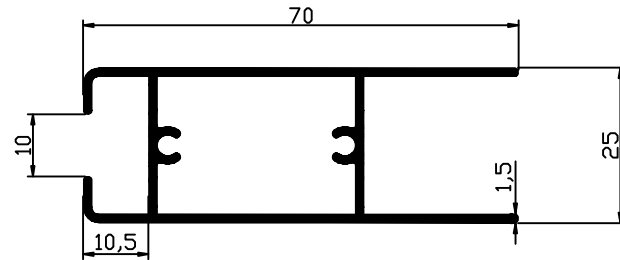
WT KG/12FT=7.450

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

25MM WINDOW SECTION

W Windalco Aluminium

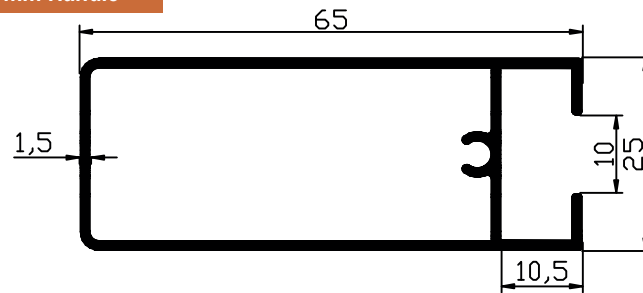
70mm Top Bottom



20083

WT KG/12FT=3.250

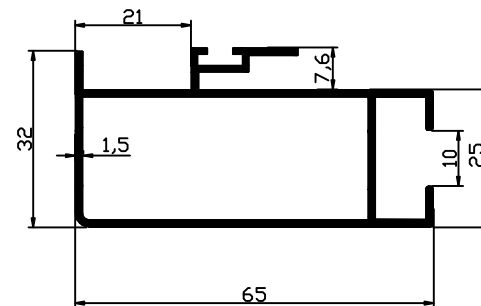
65 mm Handle



20084

WT KG/12FT=3.100

65mm Interlock



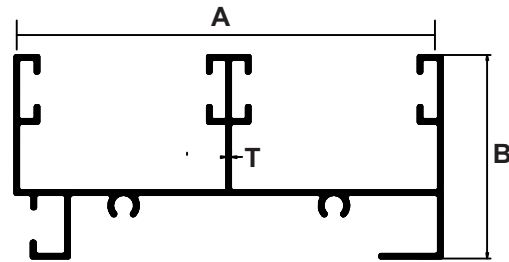
20085

WT KG/12FT=3.250

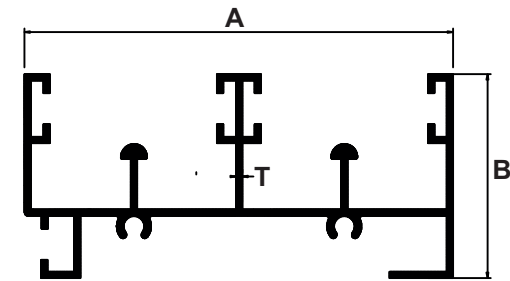


ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

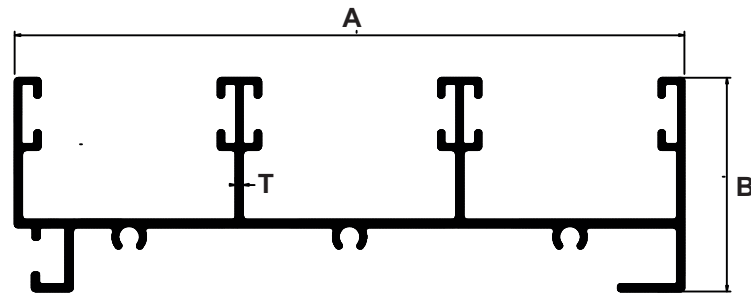
20MM WINDOW SECTION



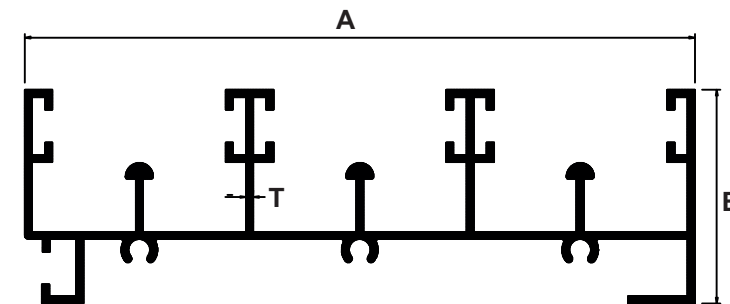
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20086	62.00	29.50	0.75	1.500-1.600
2	20087	62.00	29.50	1.00	1.900-2.000
3	20088	62.00	29.50	1.45	3.000-3.100



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20092	62.00	29.50	0.75	1.700-1.800
2	20093	62.00	29.50	0.95	2.240-2.340
3	20094	62.00	29.50	1.45	3.350-3.450



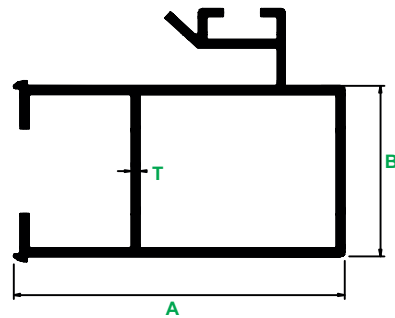
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20089	92.50	29.50	0.85	2.450-2.550
2	20090	92.50	29.50	1.10	2.650-2.750
3	20091	92.50	29.50	1.45	3.800-3.900



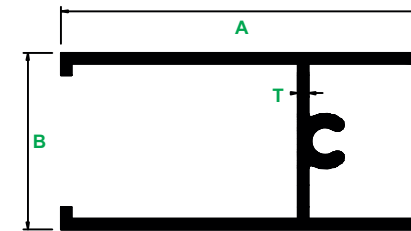
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20095	92.50	29.50	0.85	2.550-2.650
2	20096	92.50	29.50	1.00	3.100-3.200
3	20097	92.50	29.50	1.45	4.100-4.200

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

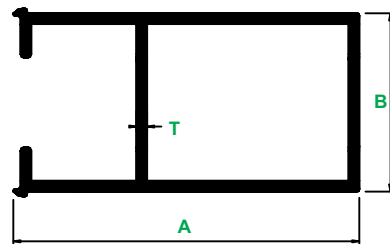
20MM WINDOW SECTION



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20098	38.80	20.00	0.75	1.200-1.300
2	20099	38.80	20.00	0.98	1.400-1.500
3	20100	38.80	20.00	1.45	1.750-1.850



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20104	38.80	20.00	0.75	1.050-1.150
2	20105	38.80	20.00	1.22	1.400-1.500
3	20106	38.80	20.00	1.45	1.650-1.750



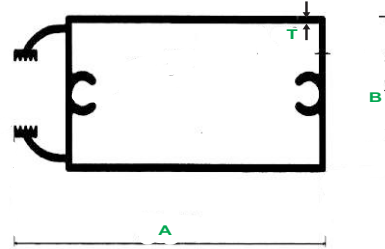
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20101	41.00	20.00	0.85	1.050-1.150
2	20102	41.00	20.00	1.20	1.400-1.500
3	20103	41.00	20.00	1.45	1.670-1.770



ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

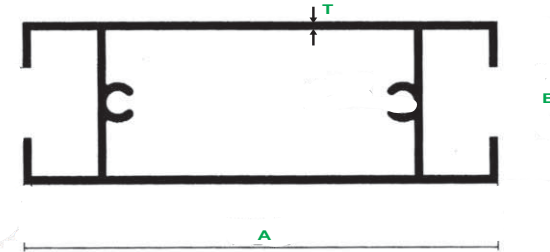
SPECIAL WINDOW SECTION

2.5"x1" Molding Handle



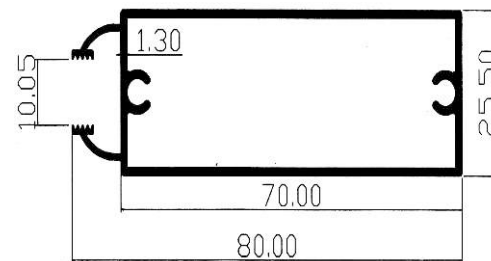
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20107	60.00	24.00	1.10	2.000-2.100
2	20108	60.00	24.00	1.15	2.400-2.500
3	20109	60.00	24.00	1.20	2.900-3.000

3"x1" Middle



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20112	75.50	25.50	1.20	2.550-2.700
2	20113	75.50	25.50	1.30	3.100-3.300

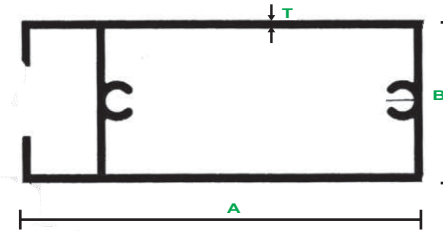
3"x1" Molding Handle



20110

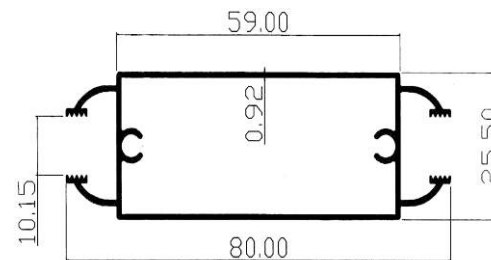
WT KG/12FT=2.400

3"x1" Handle



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20114	75.00	25.00	1.20	2.600-2.700
2	20115	75.00	25.00	1.30	3.000-3.200

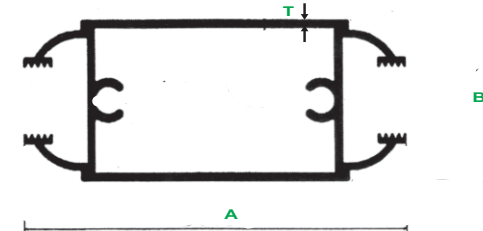
3"x1" Molding Middle



20111

WT KG/12FT=2.200

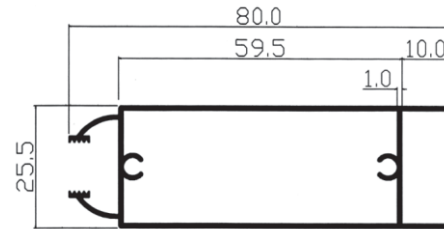
2.5x1 Molding Middle



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20116	60.00	24.00	1.17	1.700-1.800
2	20117	60.00	24.00	1.20	2.100-2.200
3	20118	60.00	24.00	1.25	2.400-2.600

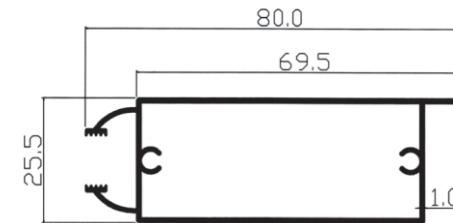
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

WINDOW SECTION (SPECIAL SERIES)



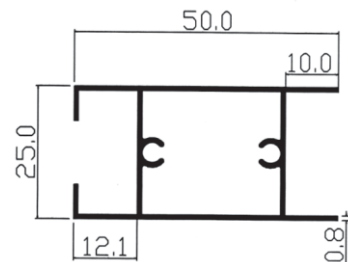
20119

WT KG/12FT=2.200



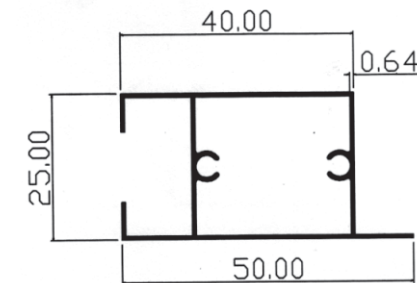
20123

WT KG/12FT=2.200



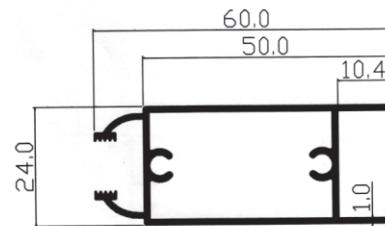
20120

WT KG/12FT=1.450



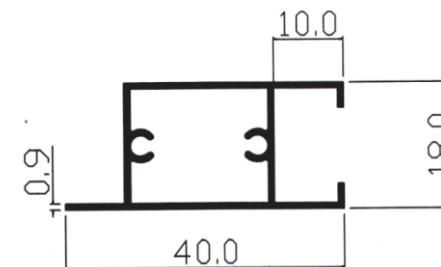
20124

WT KG/12FT=1.450



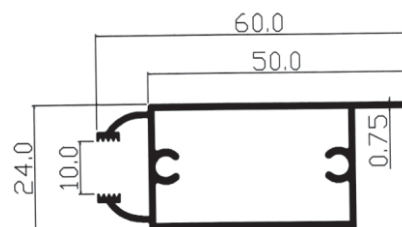
20121

WT KG/12FT=1.900



20125

WT KG/12FT=1.000



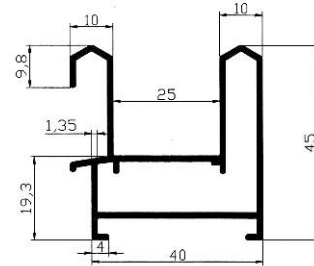
20122

WT KG/12FT=1.900

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

27 MM DOMAL SECTION

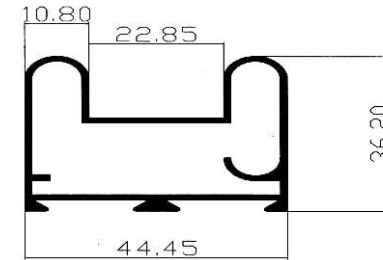
27 mm Domal 2 Track



20126

WT KG/12FT=2.800

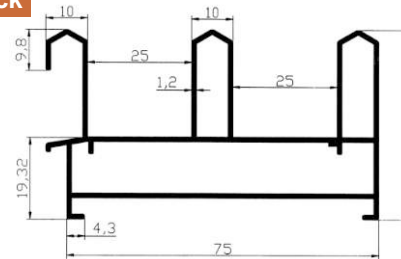
22 mm Domal 2 Track



20130

WT KG/12FT=2.250

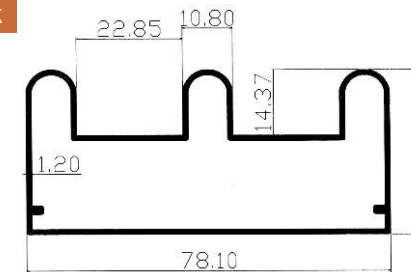
27 mm Domal 3 Track



20127

WT KG/12FT=4.100

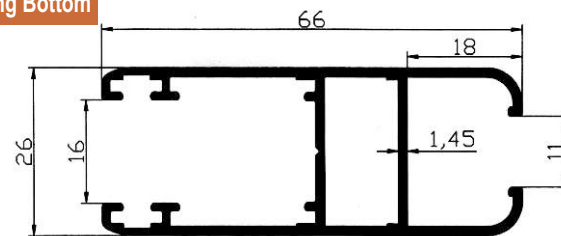
22 mm Domal 2 Track



20131

WT KG/12FT=3.250

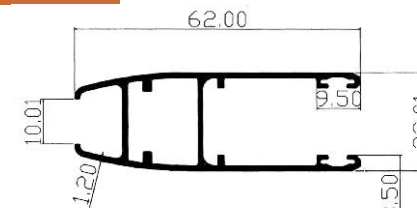
27 mm Domal Bearing Bottom



20128

WT KG/12FT=3.000

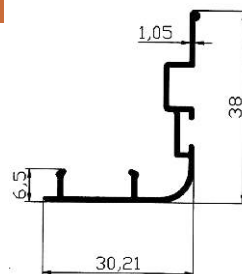
22 mm Domal Bearing Bottom



20132

WT KG/12FT=2.240

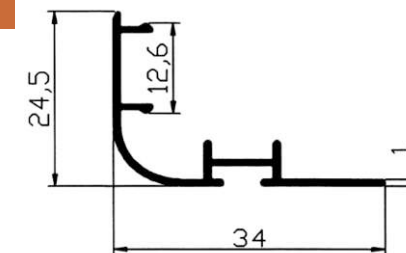
27 mm Domal Clip



20129

WT KG/12FT=0.900

22 mm Domal Clip



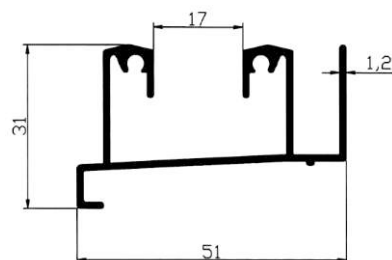
20133

WT KG/12FT=0.675

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

27 MM DOMAL SECTION

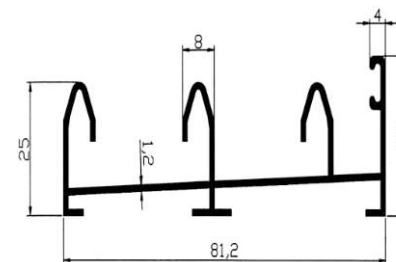
Domal 2 Track



20134

WT KG/12FT=2.000

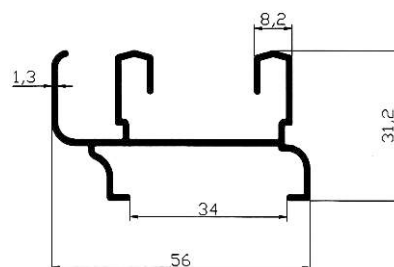
Domal 3 Track



20137

WT KG/12FT=2.800

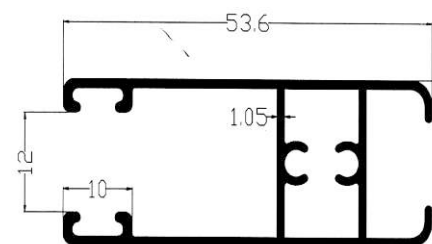
Domal 2 Track



20135

WT KG/12FT=2.100

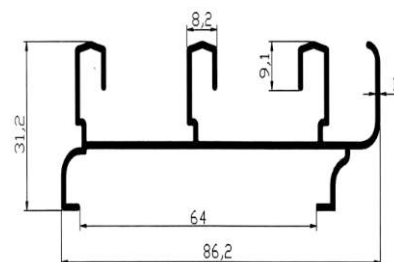
22 mm Domal Shutter



20138

WT KG/12FT=1.855

Domal 3 Track



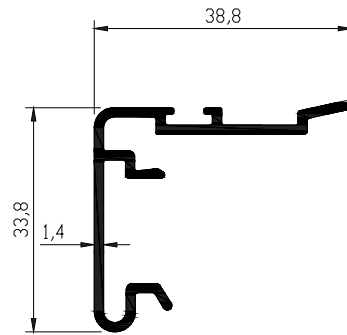
20136

WT KG/12FT=2.800

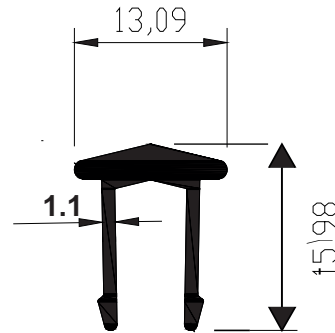


ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

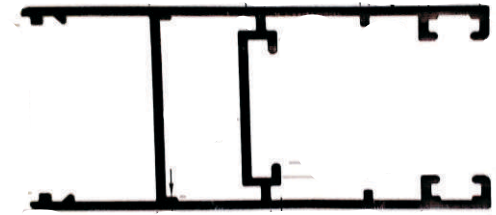
29 MM CARDINAL SERIES



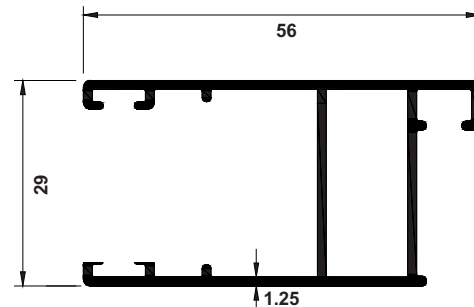
20139 WT KG/12FT=1.450



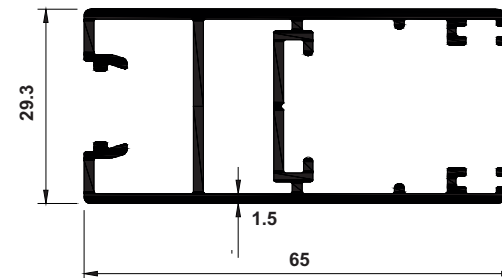
20142 WT KG/12FT=0.600



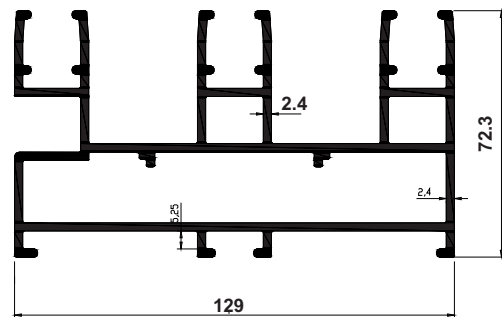
20143 WT KG/12FT=2.952



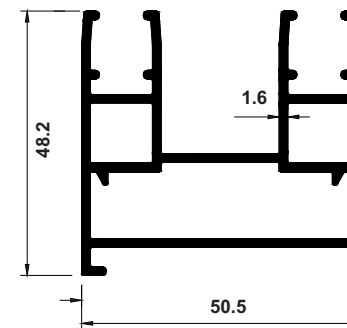
20140 WT KG/12FT=2.250



20144 WT KG/12FT=3.560



20141 WT KG/12FT=6.790

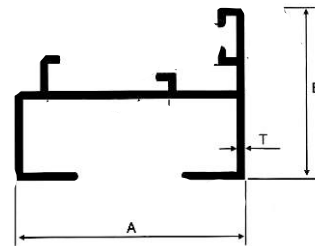


20145 WT KG/12FT=4.370

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

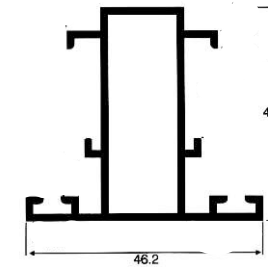
OPENABLE WINDOW SECTIONS (Z Series)

Openable Fram



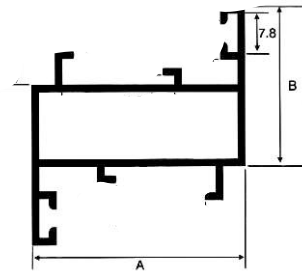
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20146	42.00	31.00	1.50	1.800-2.100

Openable Mulian



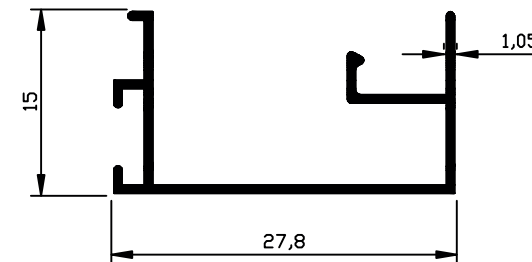
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20148	46.20	42.00	1.20	2.190-2.390

Openable Shutter



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20147	42.00	31.20	1.20	2.200-2.400

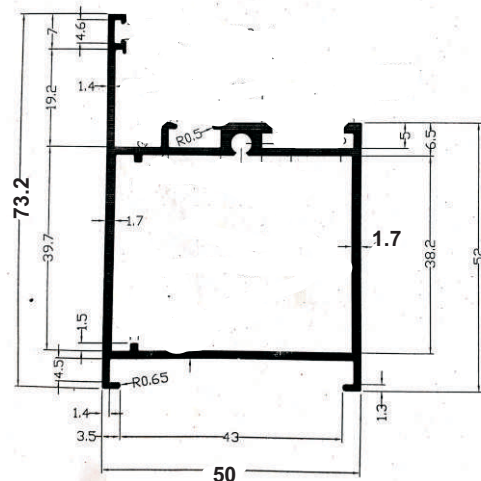
Openable Clip



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20149	27.80	15.00	1.05	0.770-0.870

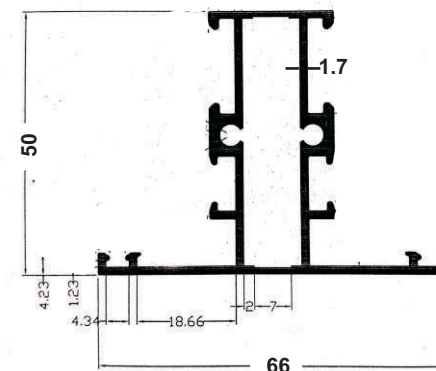
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

50 MM OPNEBAL WINDOW SECTION



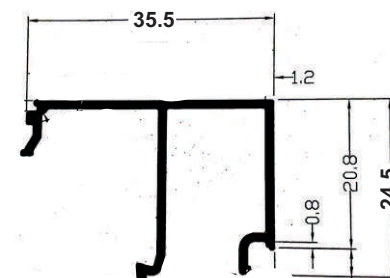
20150

WT KG/12FT=3.914



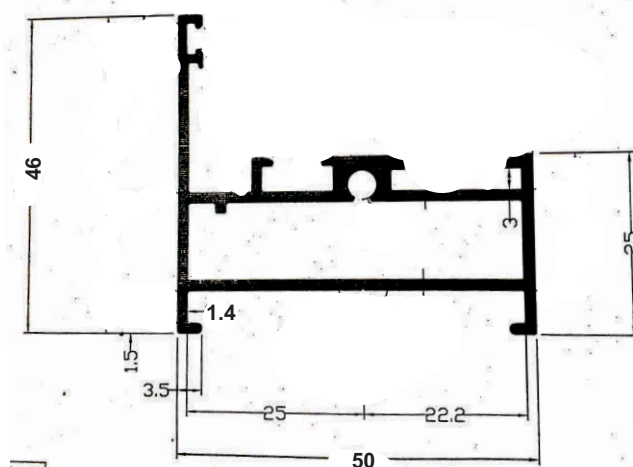
20152

WT KG/12FT=3.718



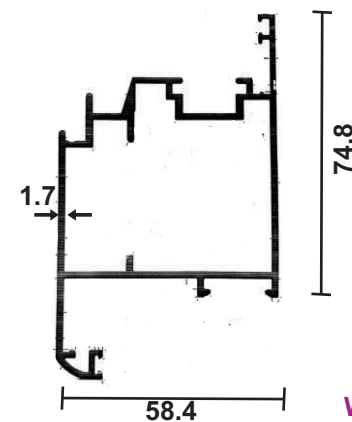
20153

WT KG/12FT=1.140



20151

WT KG/12FT=2.943

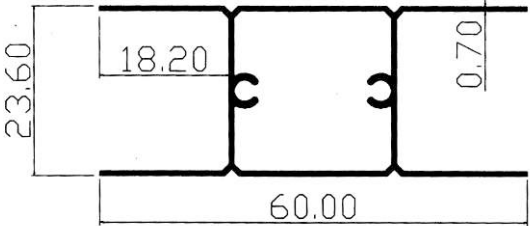


20153-A

WT KG/12FT=5.657

SINTEX SECTION/DOOR FRAM SECTION

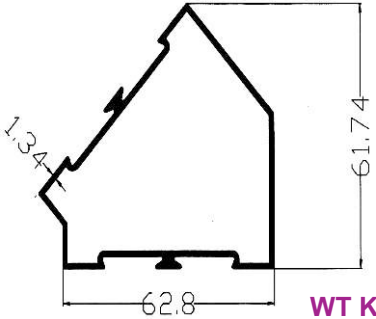
Sintex H



20154

WT KG/12FT=1.250

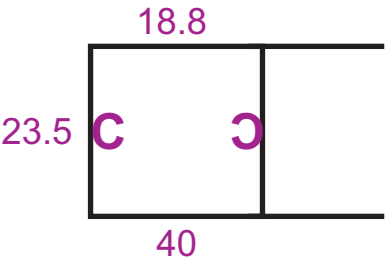
Samosa Section



20156

WT KG/12FT=3.200

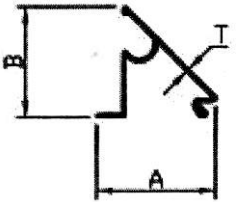
Sintex A



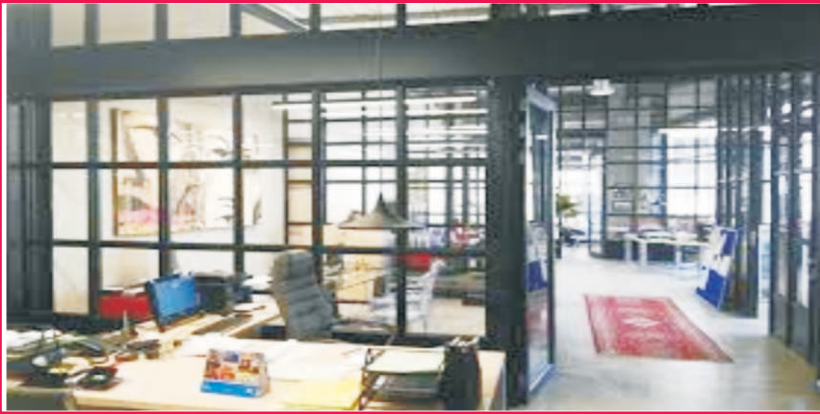
20155

WT KG/12FT=1.100

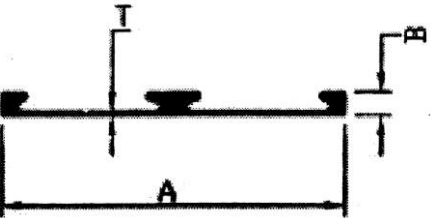
Glazing Clip



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20157	18.40	17.00	0.40	0.200-0.250
2	20158	18.40	17.00	0.72	0.320-0.360
3	20159	18.40	17.00	0.90	0.420-0.480



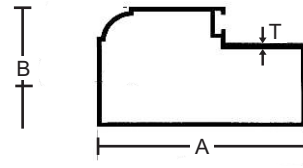
Glazing Patta



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20160	44.40	3.60	0.80	0.600-0.700
2	20161	44.40	3.75	1.21	0.800-0.900

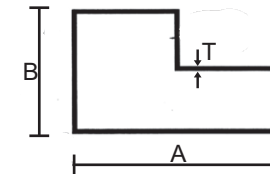
DOOR FRAM SECTION

2.5"x1.5" Molding P Pipe



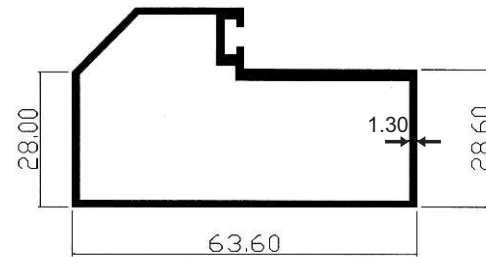
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
	20162	50.00	25.00	0.90	1.400-1.500
1	20163	50.80	25.40	1.00	2.600-2.700
2	20164	65.00	40.00	1.00	1.600-1.800
3	20165	65.00	40.00	1.40	2.400-2.500
4	20166	65.00	40.00	1.30	2.900-3.100
5	20167	65.00	40.00	1.35	3.500-3.600

1.5x1 P Pipe



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20170	38.00	25.10	0.65	0.750-0.850
2	20171	38.00	25.10	0.75	0.850-0.1000
3	20172	38.00	25.10	1.09	1.300-1.400

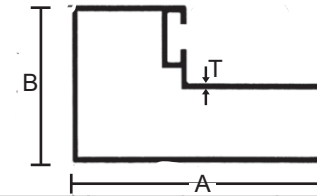
2.5"x1.5" Molding P Pipe



20168

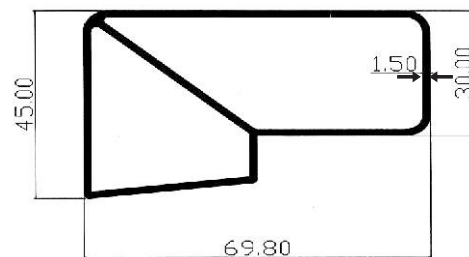
WT KG/12FT=3.000

2"x1" P Pipe



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20173	44.70	24.00	0.73	1.000-1.200
2	20174	44.70	24.00	1.04	1.400-1.600
3	20175	44.70	24.00	1.20	1.900-1.950
4	20176	63.50	38.20	1.50	3.700-3.800

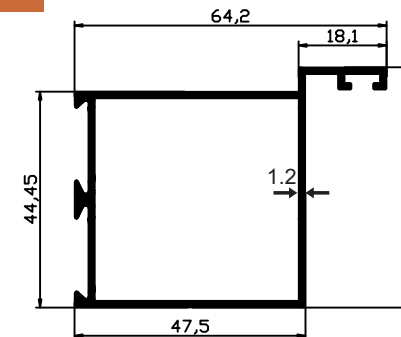
2.5"x1.25 P Pipe



20169

WT KG/12FT=3.760

Tips Vertical

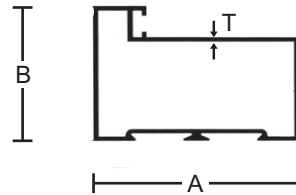


20177

WT KG/12FT=3.350

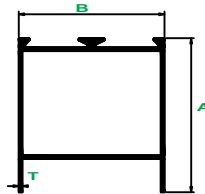
DOOR FRAM SECTION

2.5"X1.50" Leg Portion



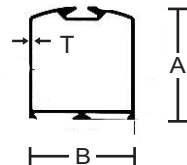
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20178	63.50	49.50	1.10	3.000-3.200
2	20179	63.50	49.50	1.40	3.400-3.700
3	20180	63.50	49.50	1.50	3.800-4.100
4	20181	63.50	49.50	2.65	6.000-6.100
6	20182	63.50	49.50	3.00	7.100-7.200

Door Top & Door Bottom



Sr. No.	Section No.	A	B	C	T	Wt Range Kgs/12ft
1	20183	47.00	44.45	10.15	1.35	2.500-2.700
2	20184	47.00	44.45	10.15	2.00	3.600-3.900
3	20185	47.00	44.45	10.00	3.00	5.200-5.300
4	20186	85.300	44.45	10.00	1.50	3.800-4.100
5	20187	85.00	44.45	10.00	2.00	4.950-5.300
6	20188	85.00	44.45	10.00	3.00	7.500-8.000
7	20189	114.30	44.45	25.40	1.17	4.800-4.900
8	20190	114.30	44.45	25.40	3.00	11.500-11.600

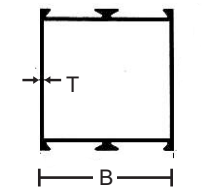
Door Vertical



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20191	47.00	44.45	1.15	2.500-2.600
2	20192	47.00	44.45	1.50	2.950-3.000
3	20193	47.00	44.45	3.00	5.200-5.300
4	20194	85.00	44.45	1.40	3.800-4.200
5	20195	85.00	44.45	2.00	2.150-5.500
6	20196	85.00	44.45	3.00	7.400-7.900

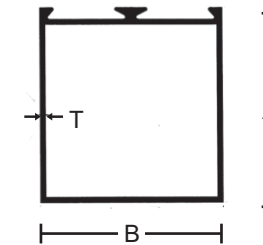
Windalco Aluminium

Door Middle



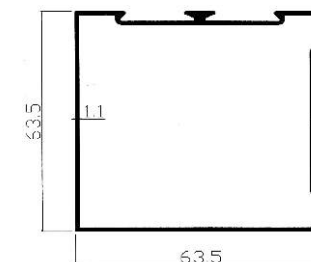
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20197	47.00	44.45	1.00	2.00-2.100
2	20198	47.00	44.45	1.15	2.400-2.500
3	20199	83.50	44.45	1.35	3.700-3.800
4	20200	47.00	44.45	1.50	3.200-3.500
5	20201	47.00	44.75	3.00	5.300-5.400
6	20202	83.50	44.45	3.00	10.200-10.300

Door Center Single



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20203	83.05	44.45	1.35	3.500-3.600
2	20204	47.00	44.45	1.30	2.500-2.650
3	20205	47.00	44.45	1.10	2.00-2.100

Corner Section

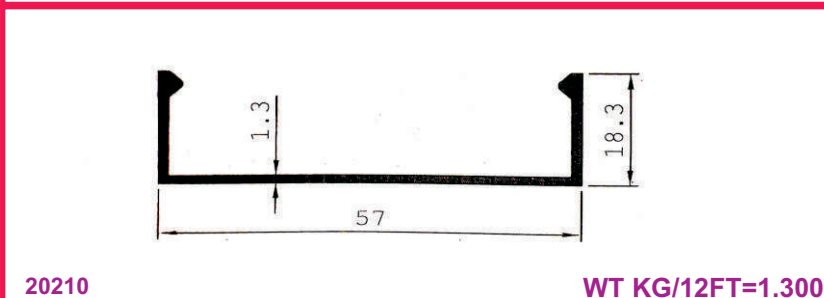
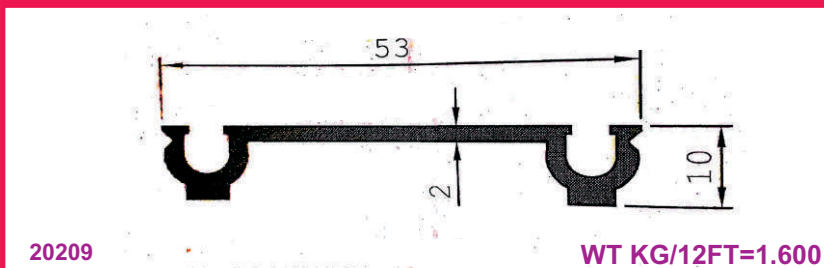
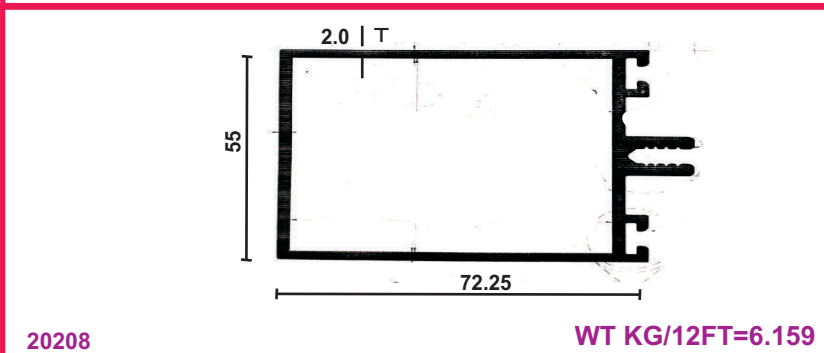
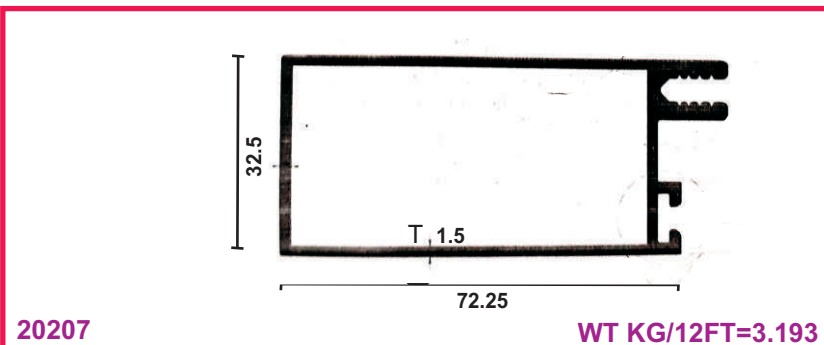


20206

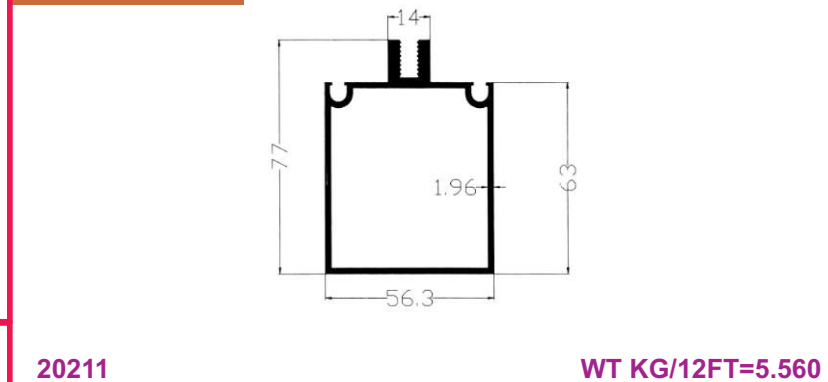
WT KG/12FT=3.800

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

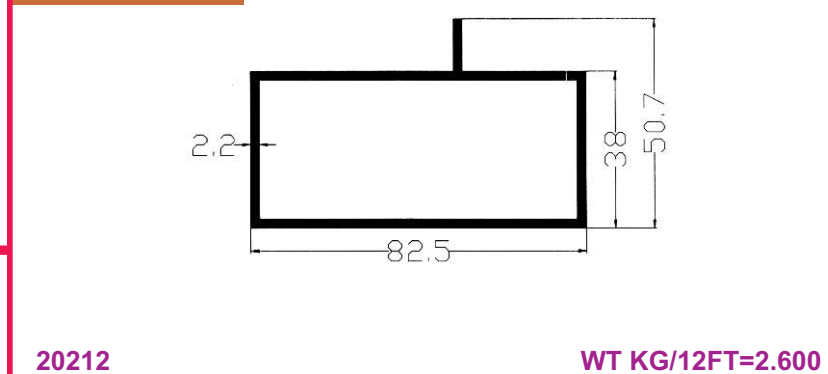
CURTAIN WALL SECTION



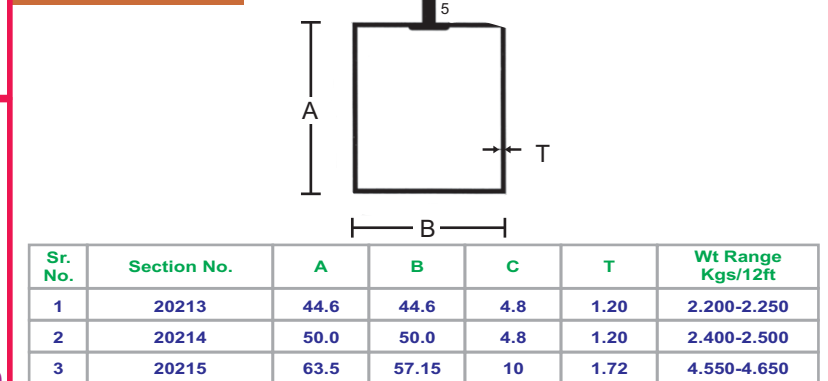
Caurtion Section



Door Frem



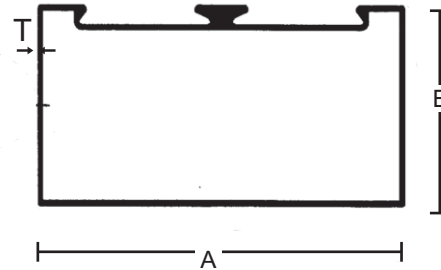
Caurtion Section



ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

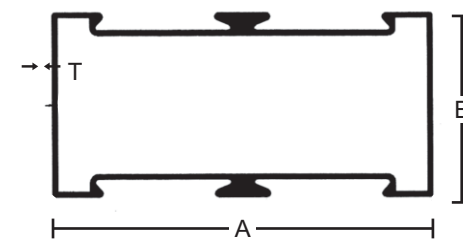
PARTITION SECTION

Single Partition



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20216	50.80	25.40	0.65	1.120-1.200
2	20217	63.00	38.00	0.79	1.700-1.900
3	20218	63.00	38.00	0.90	1.900-2.200
4	20219	63.00	38.00	1.05	2.100-2.400
5	20220	63.00	38.00	1.15	2.400-2.600
6	20221	63.00	38.00	1.25	2.600-2.900
7	20222	63.00	38.00	1.50	3.200-3.500
8	20223	63.00	38.00	1.92	3.900-4.200
9	20224	63.00	38.00	3.00	6.000-6.500
10	20225	75.00	25.00	1.20	2.100-2.200
11	20226	75.00	25.00	2.00	3.900-4.100
12	20227	75.00	38.00	1.80	3.900-4.000
13	20228	101.60	26.00	0.90	1.200-1.300
14	20229	101.60	44.45	1.27	3.800-4.000
15	20230	101.60	44.45	1.60	4.760-5.200
16	20231	101.60	44.45	2.00	5.800-6.300
17	20232	101.60	44.45	3.00	8.600-9.100
18	20233	101.20	25.00	1.10	3.000-3.100

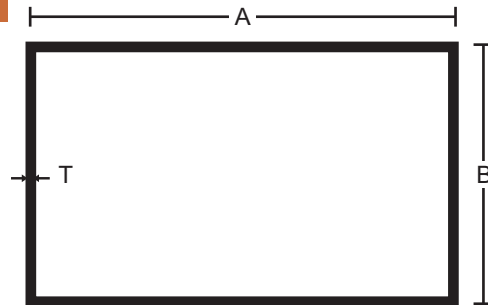
Double Partition



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20234	50.80	25.04	0.65	1.150-1.300
2	20235	63.00	38.00	0.83	1.900-2.100
3	20236	63.00	38.00	0.92	2.200-2.400
4	20237	63.00	38.00	1.00	2.400-2.600
5	20238	63.00	38.00	1.20	2.700-2.900
6	20239	63.00	38.00	1.50	3.200-3.500
7	20240	63.00	38.00	1.80	3.900-4.200
8	20241	63.00	38.00	3.00	6.300-6.700
9	20242	75.00	25.00	1.20	2.000-2.200
10	20243	75.00	38.00	1.80	3.900-4.000
11	20244	101.60	26.00	0.90	1.200-1.300
12	20245	101.60	44.45	1.20	3.800-4.000
13	20246	101.60	44.45	1.60	4.800-5.200
14	20247	101.60	44.45	2.00	6.000-6.500
15	20248	101.60	44.45	3.00	8.800-9.300
16	20249	101.2	25.00	1.10	3.000-3.100

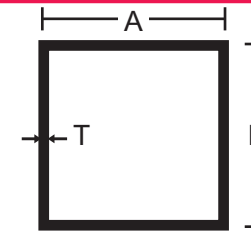
RECTANGULAR TUBES & SQUARE TUBE

Rectangular Tubes



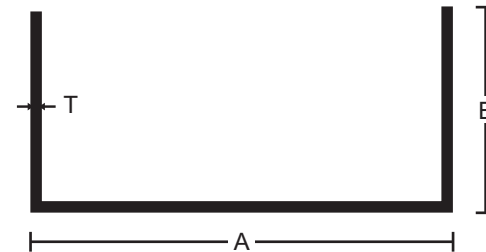
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20250	35.00	23.00	0.50	0.600-0.650
2	20251	36.00	24.00	0.65	0.650-0.850
3	20252	36.00	24.00	0.96	1.100-1.300
4	20253	38.00	18.00	1.35	1.400-1.450
5	20254	48.00	24.00	0.65	0.900-1.000
6	20255	48.00	24.00	1.00	1.300-1.500
7	20256	48.00	24.00	1.42	1.900-2.100
8	20257	50.00	25.00	0.90	0.950-1.050
9	20258	62.00	24.00	0.80	1.200-1.400
10	20259	62.00	24.00	1.00	1.600-1.700
11	20260	75.00	25.40	0.79	1.500-1.600
12	20261	81.25	38.10	0.80	1.900-2.100
13	20262	81.25	38.10	0.95	2.400-2.500
14	20263	81.25	38.10	1.15	2.900-3.000
15	20264	95.00	24.00	0.80	1.800-1.900
16	20265	101.6	24.40	0.79	2.200-2.400
17	20266	101.6	44.45	1.80	4.900-5.000
18	20267	50.80	38.00	3.05	4.900-5.000
19	20268	61.00	35.00	0.60	1.300-1.400
20	20269	63.00	38.00	0.80	1.500-1.600
21	20270	63.00	38.00	0.95	1.800-2.000
22	20271	63.00	38.00	1.95	3.800-4.200
23	20272	50.80	38.00	3.05	4.900-5.000

Square Pipe



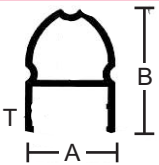
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20273	25	25	1.50	1.200-1.300
2	20274	35	35	1.80	2.350-2.450
3	20275	36.4	36.4	1.20	1.500-1.600
4	20276	38.0	38.0	0.70	0.950-1.100
5	20277	38.0	38.0	1.50	2.00-2.150
6	20278	50	50	0.80	1.500-1.600

Channel

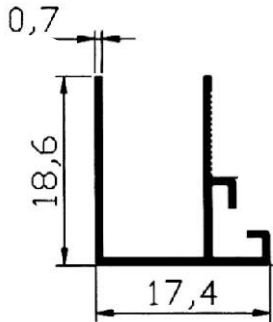


Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20279	38.2	19.2	2.90	1.800-1.850
2	20280	50	25	3.10	6.700-6.800
3	20281	50	50	3.20	4.500-4.600
4	20282	75	38	6.00	6.800-6.900
5	20283	75	50	4.00	6.600-6.700
6	20284	100	50	5.00	11.200-11.300
7	20285	50.8	25.4	5.00	4.500-4.600

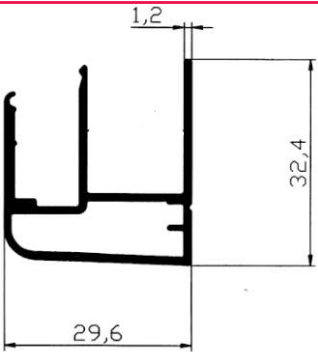
BOARD SECTION



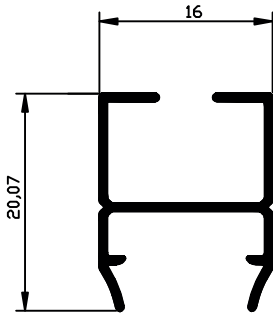
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20286	16.00	22.80	0.60	0.420-0.450
2	20287	16.00	22.80	0.75	0.500-0.600
3	20288	15.83	25.18	0.95	0.700-0.800
4	20289	16.00	23.98	1.20	0.800-0.900
5	20290	16.00	25.18	1.20	0.350-0.400



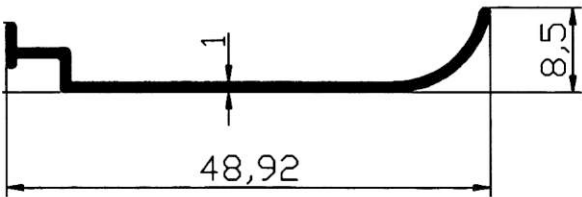
20293 WT KG/12FT=0.400



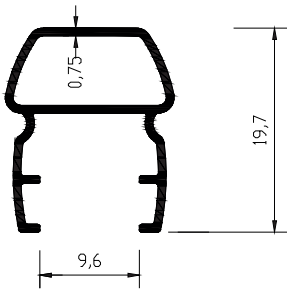
20291 WT KG/12FT=1.650



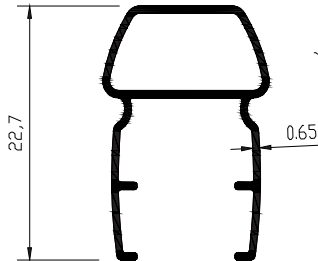
20294 WT KG/12FT=0.550



20292 WT KG/12FT=0.580

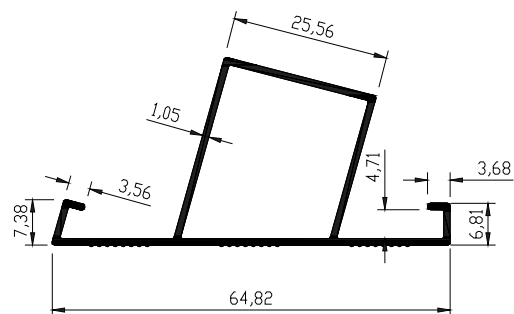


20295 WT KG/12FT=0.530



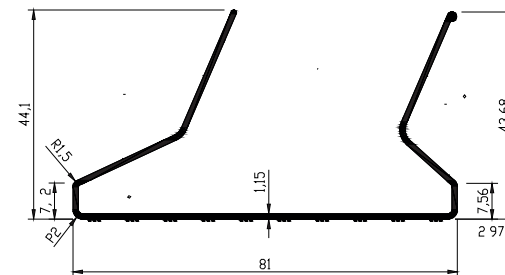
20296 WT KG/12FT=0.530

LEDDAR SECTION



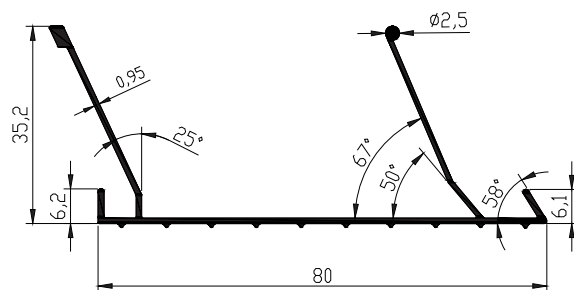
20297

WT KG/12FT=1.670



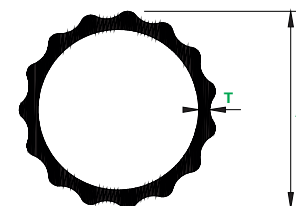
20301-A

WT KG/12FT=2.200

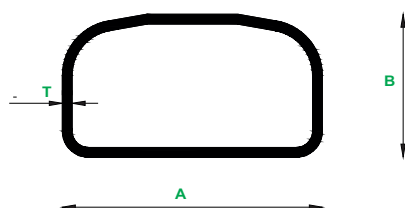


20298

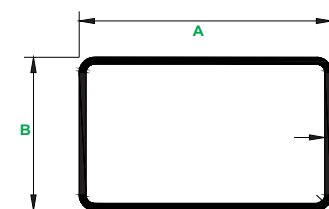
WT KG/12FT=1.600



Sr. No.	Section No.	A	T	Wt Range Kgs/12ft
1	20302	25.27	1.43	1.300
2	20303	19.6	1.75	0.750
3	20304	25.27	0.90	0.600



Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20299	40	22	1.50	1.600
2	20300	35	22	1.50	1.430
3	20301	41	27	1.50	1.500

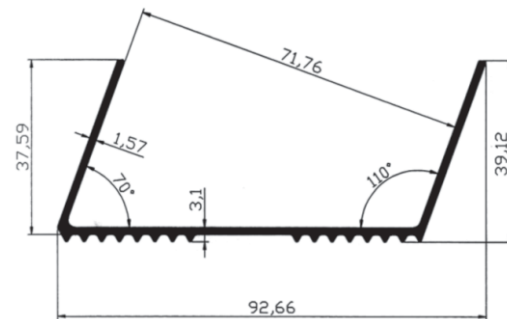


Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20305	33	20	0.90	0.900
2	20306	50	20	0.85	1.110

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

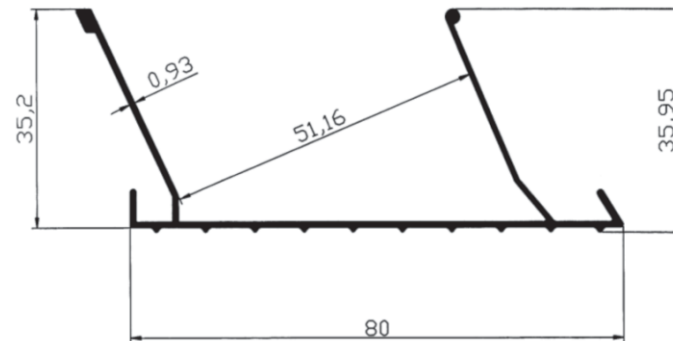
LEDER SECTION/DOOR LOCK SECTION

W Windalco Aluminium



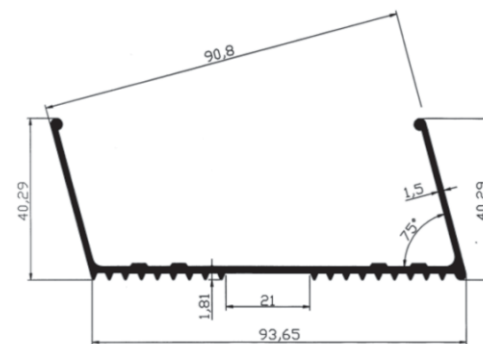
20307

WT KG/12FT=2.700



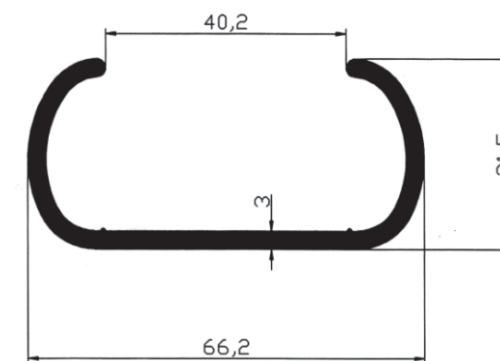
20309

WT KG/12FT=1.640



20308

WT KG/12FT=3.100

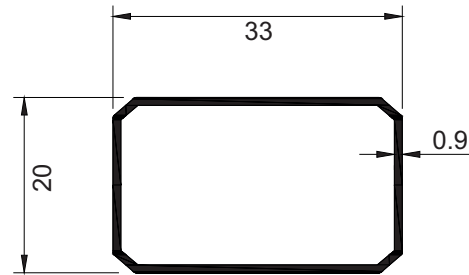


20310

WT KG/12FT=3.600

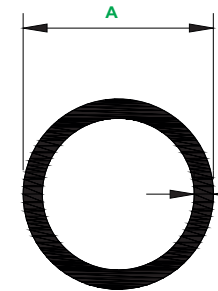
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

LEDDAR SECTION

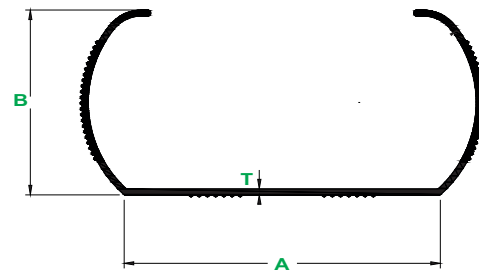


20311

WT KG/12FT=0.900



Sr. No.	Section No.	A	T	Wt Range Kgs/12ft
1	20319	15.9	1.60	0.700
2	20320	19.05	1.35	0.750

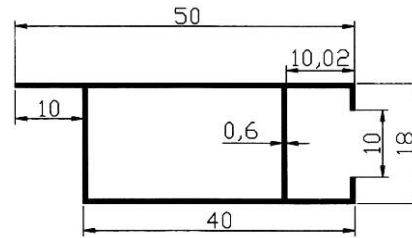


Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20312	50.1	29.3	1.00	2.000
2	20313	50.1	29.3	1.10	2.320
3	20314	50.1	29.3	1.20	2.470
4	20315	50.1	29.3	2.40	2.850
5	20316	50.1	29.3	1.40	2.900
6	20317	50.1	29.3	1.70	3.400
7	20318	50.1	29.3	1.30	3.450



SPECIAL WINDOW SECTION

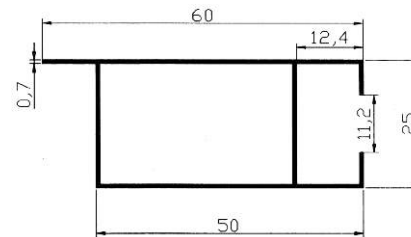
3/4" Handle with Tee



20321

WT KG/12FT=0.750

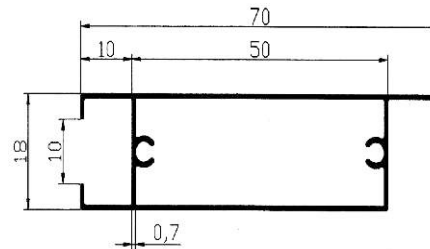
1" Handle with Tee



20322

WT KG/12FT=1.100

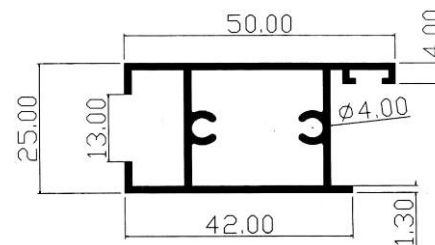
60 mm Handle with Tee



20323

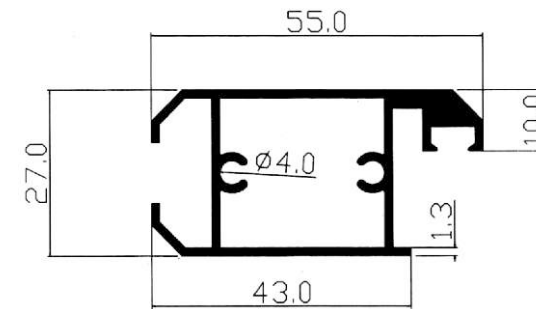
WT KG/12FT=1.300

1" Single Leg Top Bottom



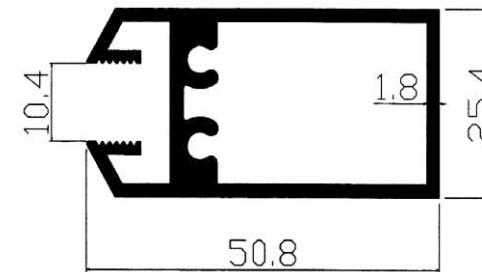
20324

WT KG/12FT=2.200



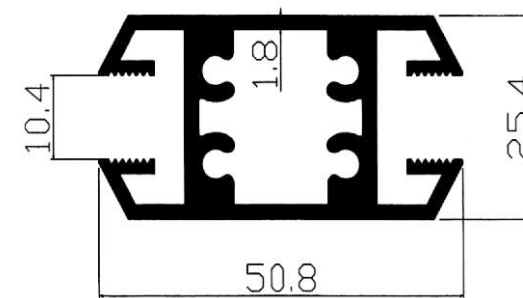
20325

WT KG/12FT=2.780



20326

WT KG/12FT=3.240

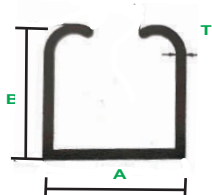


20327

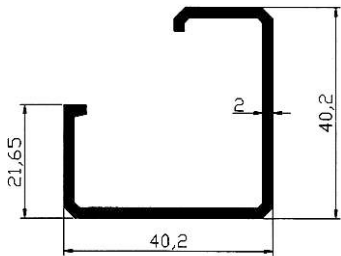
WT KG/12FT=4.280

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

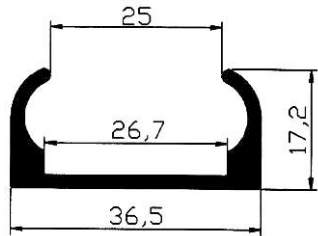
DOOR GEAR SECTIONS



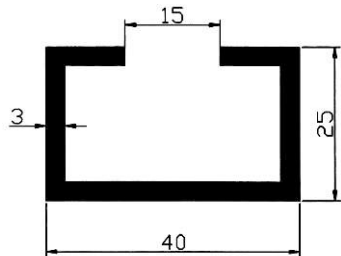
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20328	33.30	32.00	2.30	2.900-2.950
2	20329	33.30	32.00	2.20	2.450-2.500



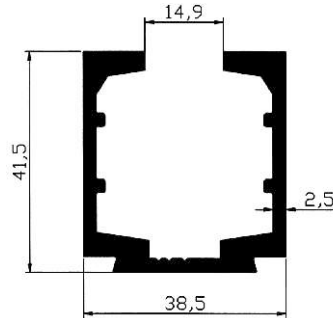
20330 WT KG/12FT=2.350



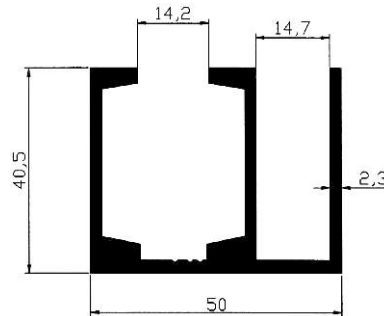
20331 WT KG/12FT=1.550



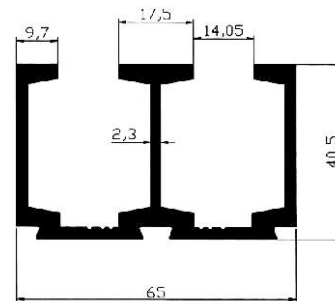
20332 WT KG/12FT=3.000



20333 WT KG/12FT=4.325

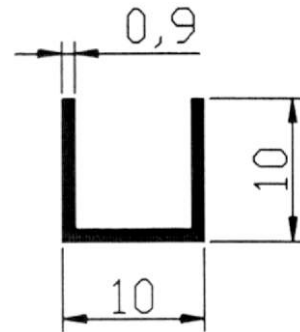


20334 WT KG/12FT=4.850



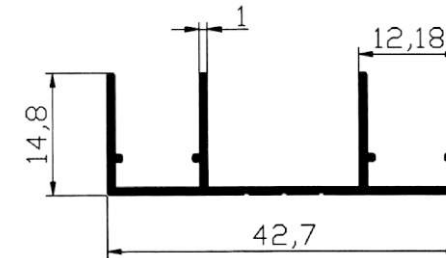
20335 WT KG/12FT=6.350

KITCHEN & HARDWEAR SECTION



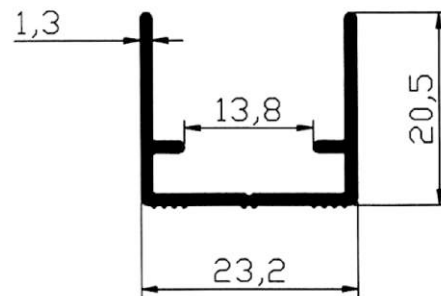
20336

WT KG/12FT=0.450



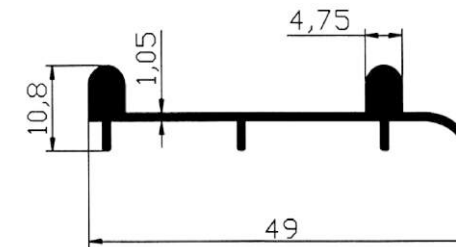
20340

WT KG/12FT=0.980



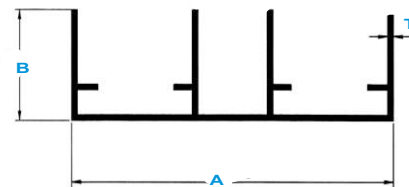
20337

WT KG/12FT=0.870

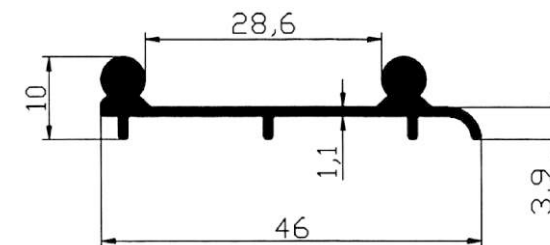


20341

WT KG/12FT=1.350



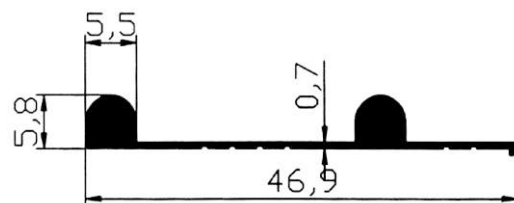
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20338	58.60	20.00	1.05	1.450-1.500
2	20339	58.60	20.00	1.15	2.000-2.100



20342

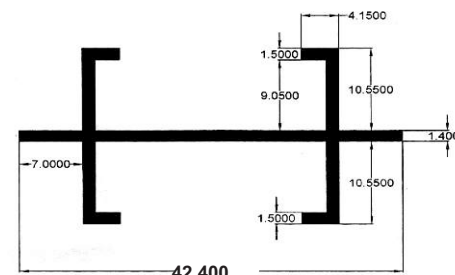
WT KG/12FT=1.150

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%



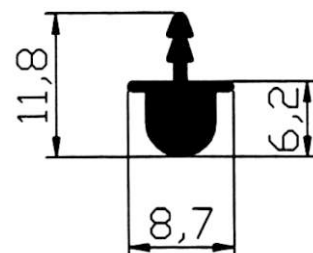
20343

WT KG/12FT=0.800



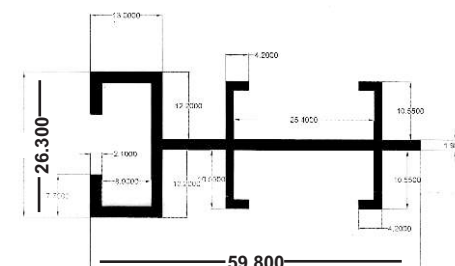
20347

WT KG/12FT=1.400



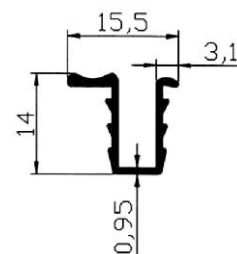
20344

WT KG/12FT=0.380



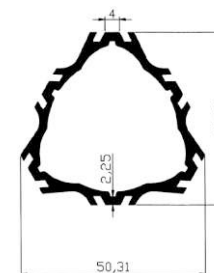
20348

WT KG/12FT=2.800



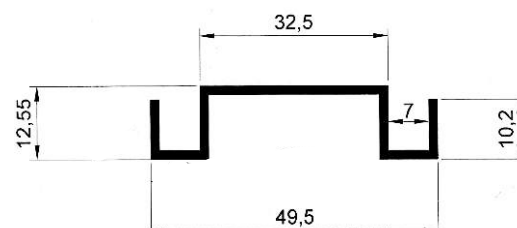
20345

WT KG/12FT=0.470



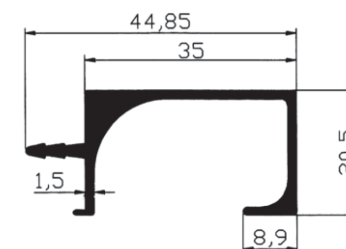
20349

WT KG/12FT=3.650



20346

WT KG/12FT=1.800



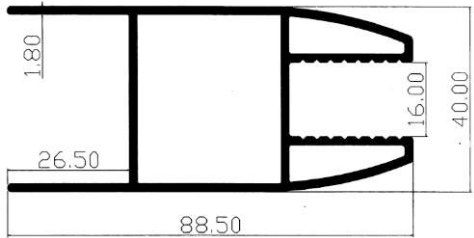
20350

WT KG/12FT=1.800

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES +7 TO 10%

SPECIAL DOOR SECTION

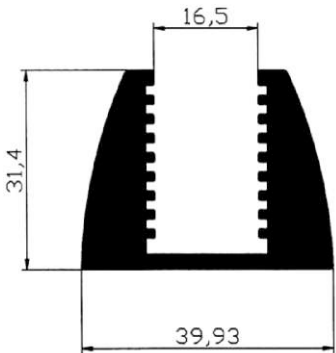
Twins Section



20351

WT KG/12FT=7.500

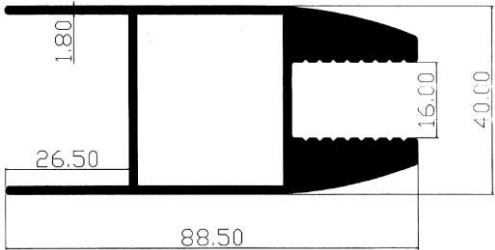
Twins Section



20353

WT KG/12FT=5.670

Twins Section



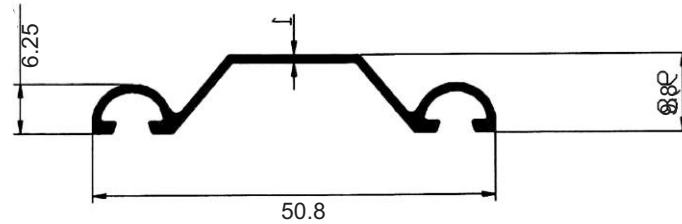
20352

WT KG/12FT=9.200



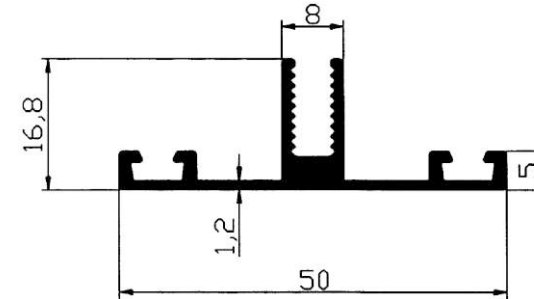
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

LOUVERS SECTION



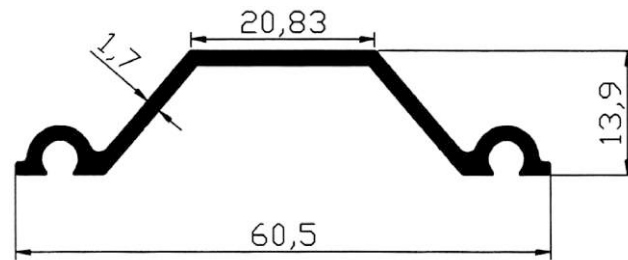
20354

WT KG/12FT=0.800



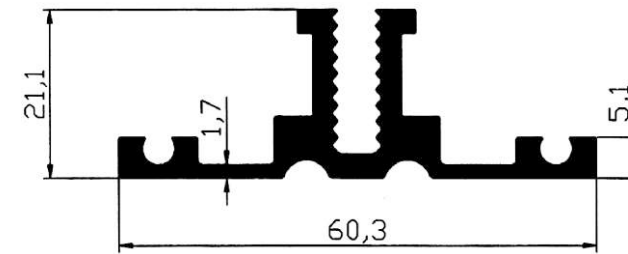
20357

WT KG/12FT=1.450



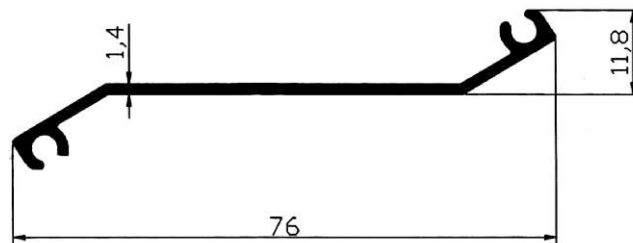
20355

WT KG/12FT=1.350



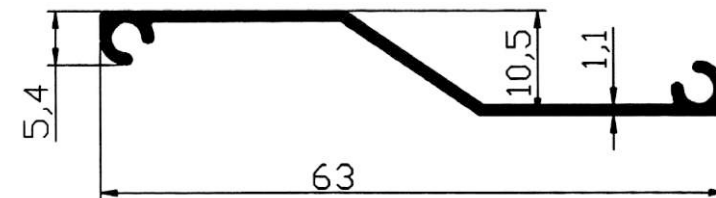
20358

WT KG/12FT=3.000



20356

WT KG/12FT=1.500

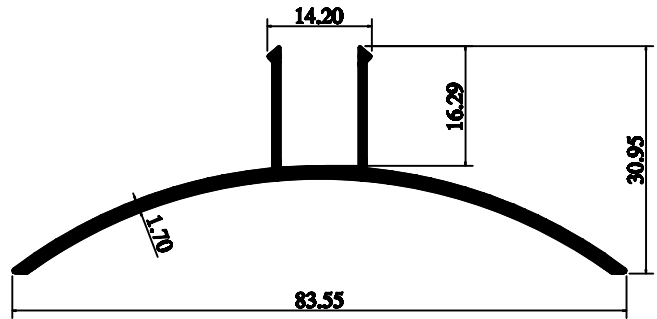


20359

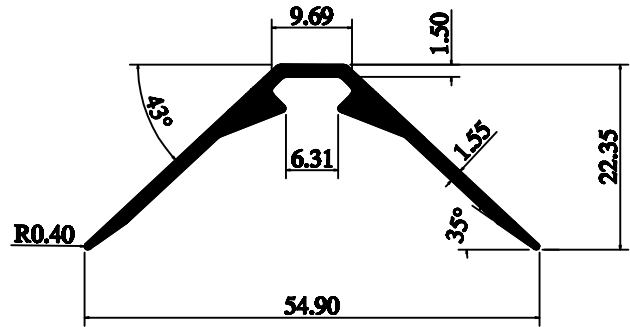
WT KG/12FT=1.000

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

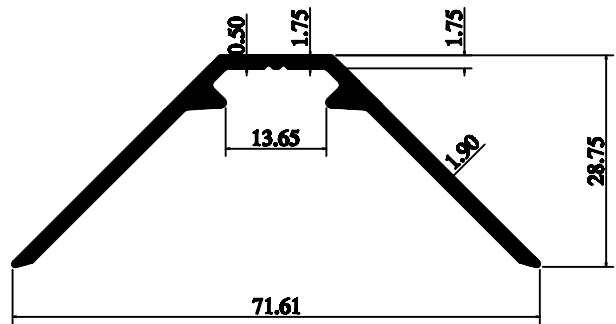
LOUVERS SECTION



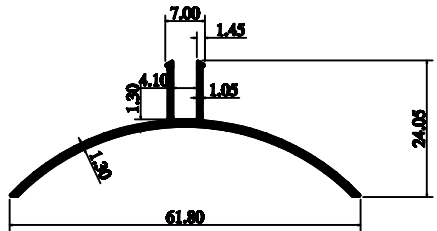
20360 WT KG/12FT=1.820



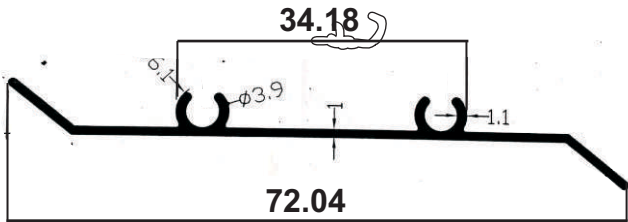
20361 WT KG/12FT=1.050



20362 WT KG/12FT=1.860



20363 WT KG/12FT=1.300

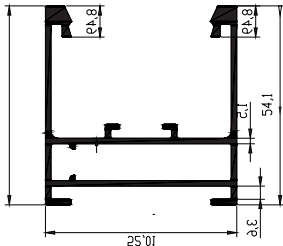
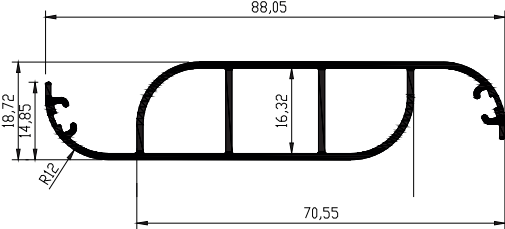
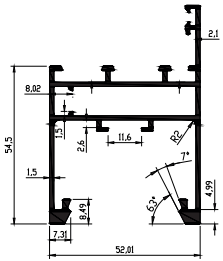
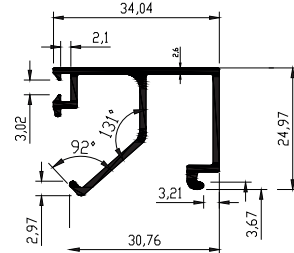
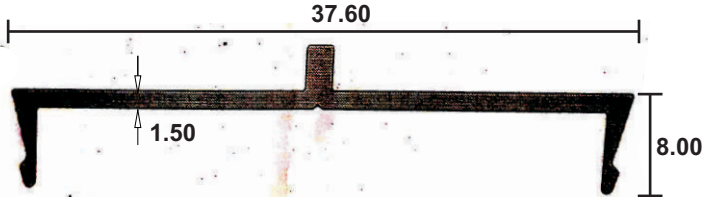
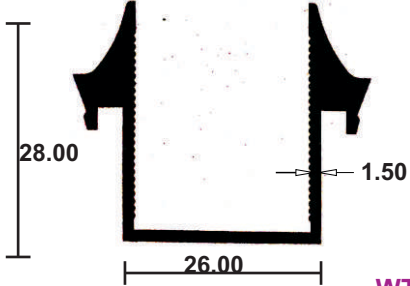
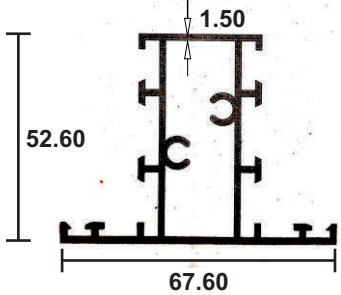
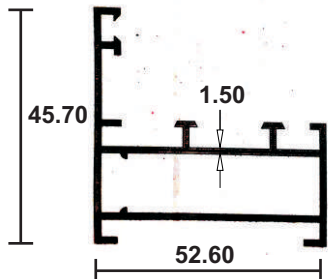


20364 WT KG/12FT=0.943



Sr. No.	Section No.	A	T	Wt Range Kgs/12ft
1	20365	16	1.50	0.230-0.250
2	20366	22.5	2.50	0.550-0.600
3	20367	25.0	12.0	2.900-2.950
4	20368	30.0	9.50	2.800-2.850
5	20369	33.5	1.50	0.500-0.600
6	20370	38.0	8.90	3.300-3.350
7	20371	55.0	3.00	1.600-1.700
8	20372	60.0	4.00	2.350-2.400
9	20373	12.0	2.50	0.250-0.300
10	20374	18.0	2.50	0.450-0.500
11	20375	35.0	1.75	0.600-0.650

LOUVERS SECTION

 20376 WT KG/12FT=4.030	 20380 WT KG/12FT=2.635
 20377 WT KG/12FT=4.650	 20381 WT KG/12FT=1.450
 20378 WT KG/12FT=1.768	 20382 WT KG/12FT=2.300
 20379 WT KG/12FT=2.810	 20383 WT KG/12FT=2.297

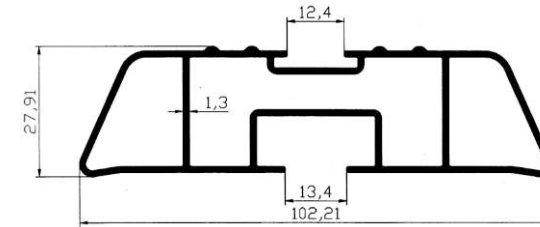
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

CARRIER SECTION(Auto Sector)



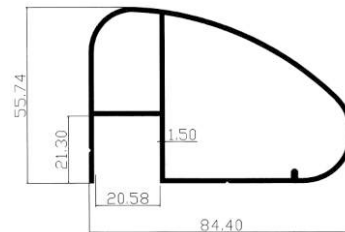
20384

WT KG/12FT=2.300



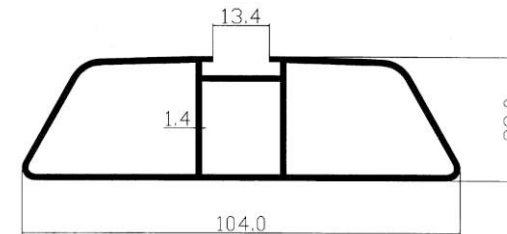
20388

WT KG/12FT=4.300



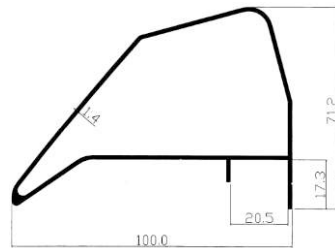
20385

WT KG/12FT=4.300



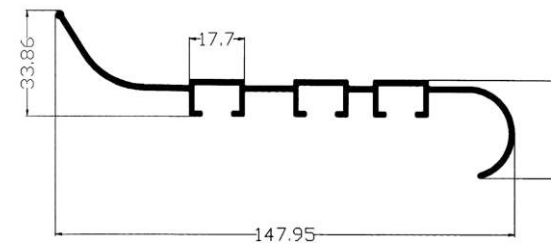
20389

WT KG/12FT=4.000



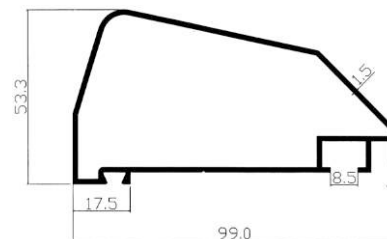
20386

WT KG/12FT=4.400



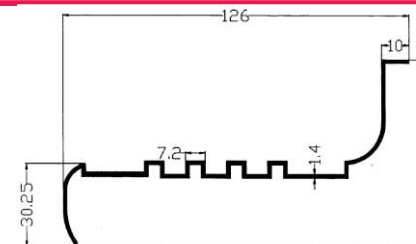
20390

WT KG/12FT=4.400



20387

WT KG/12FT=4.600

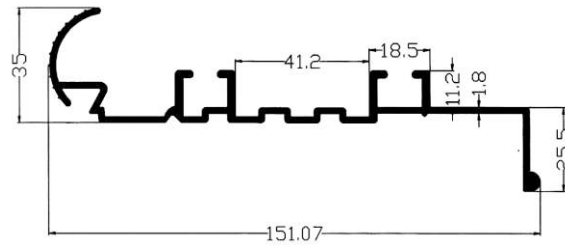


20391

WT KG/12FT=3.000

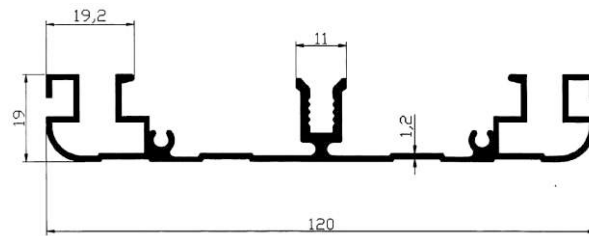
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

CARRIER SECTION(Auto Sector)



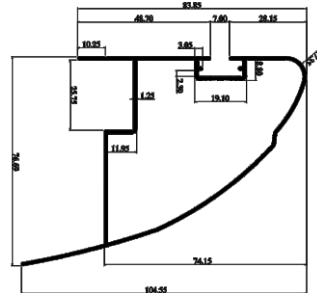
20392

WT KG/12FT=5.850



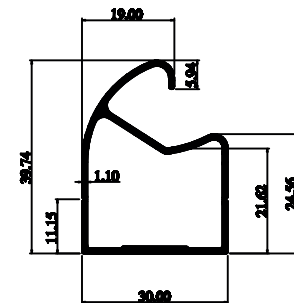
20393

WT KG/12FT=3.750



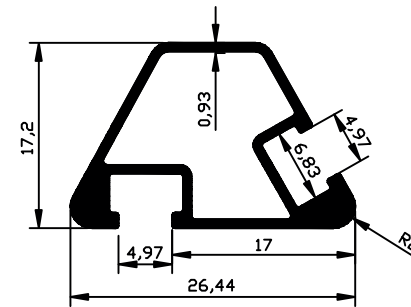
20394

WT KG/12FT=3.750



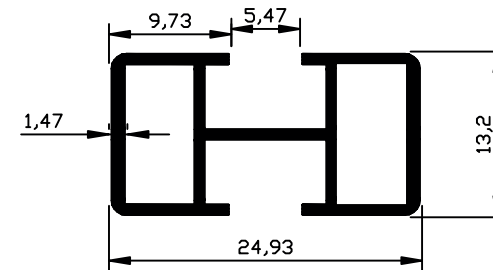
20395

WT KG/12FT=1.400



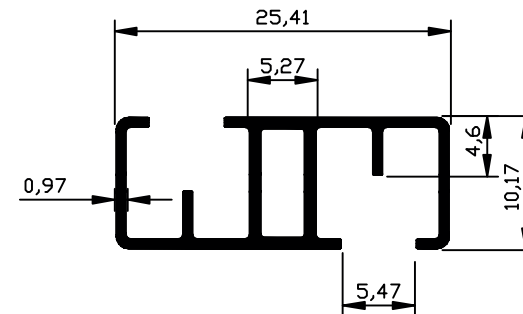
20396

WT KG/12FT=2.160



20397

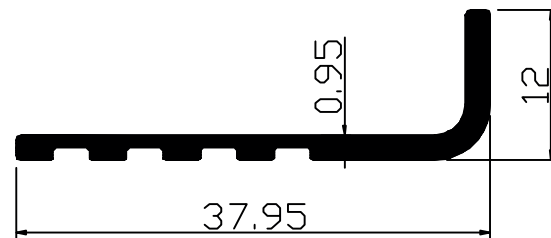
WT KG/12FT=2.600



20398

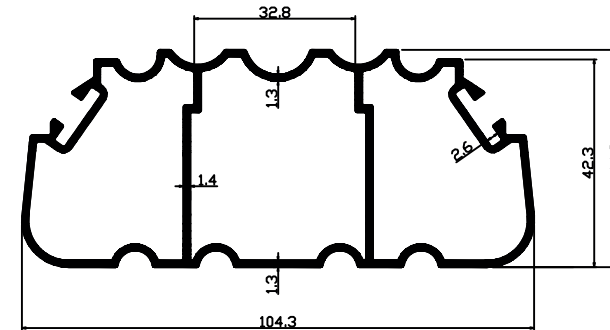
WT KG/12FT=1.700

CARRIER SECTION



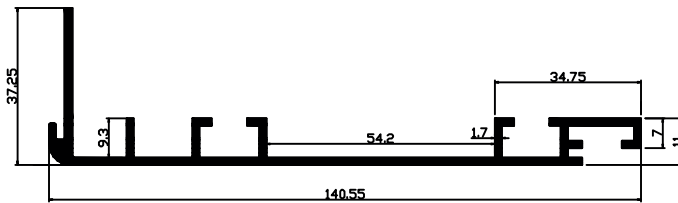
20399

WT KG/12FT=0.750



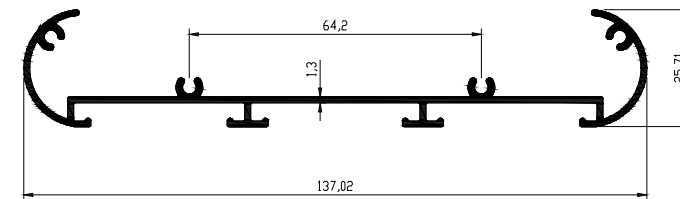
20402

WT KG/12FT=5.350



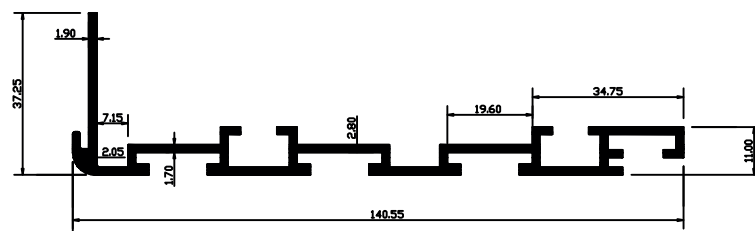
20400

WT KG/12FT=4.370



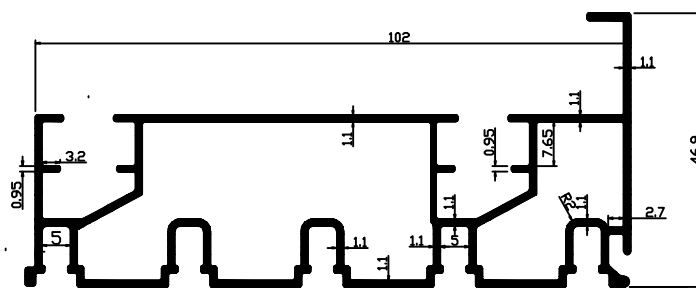
20403

WT KG/12FT=3.470



20401

WT KG/12FT=4.900



20404

WT KG/12FT=4.680

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

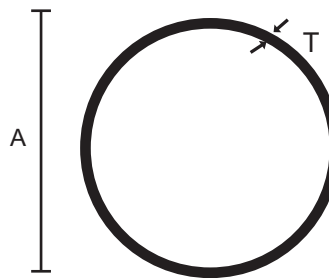
EQUAL ANGLES/ROUND PIPE/SOLID ROUND

Angle



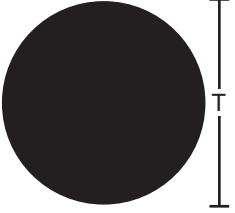
Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20405	19	19	2.60	0.900-0.950
2	20406	19	25	3.00	1.200-1.250
3	20407	20	30	3.00	1.300-1.400
3	20408	25	25	0.80	0.850-0.900
4	20409	38	38	6.00	4.100-4.200
5	20410	38	38	3.00	2.200-2.300
6	20411	25	25	4.00	3.800-3.900
7	20412	25	25	3.00	2.900-3.000
8	20413	50	50	3.30	3.000-3.100
9	20414	50	50	4.00	3.750-3.800
10	20415	60	10	3.00	1.950-2.000
11	20416	60	25	4.14	3.300-3.400
12	20417	19	19	1.10	0.700-0.750
13	20418	25	25	1.00	1.000-1.100
14	20419	38	25	1.20	1.600-1.650

Round Pipe



Sr. No.	Section No.	A	T	Wt Range Kgs/12ft
1	20420	12	0.75	0.250-0.300
2	20421	15	0.85	0.370-0.400
3	20422	18	0.80	0.420-0.500
4	20423	25	3.00	4.500-4.700
5	20424	68	2.05	5.500-5.700
6	20425	18	1.20	0.600-0.650
7	20426	22	1.20	0.750-0.800
8	20427	19	1.20	0.650-0.700
9	20428	25	1.20	0.850-0.900

Rod

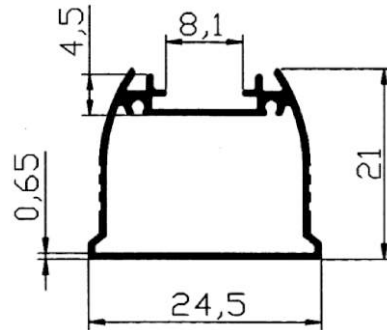


Sr. No.	Section No.	T	Wt Range Kgs/12ft
1	20429	6.35	0.270-0.300
2	20430	9.00	0.600-0.650
3	20431	9.60	0.700-0.750
4	20432	11.50	1.00-1.100
5	20433	17.00	1.450-1.550



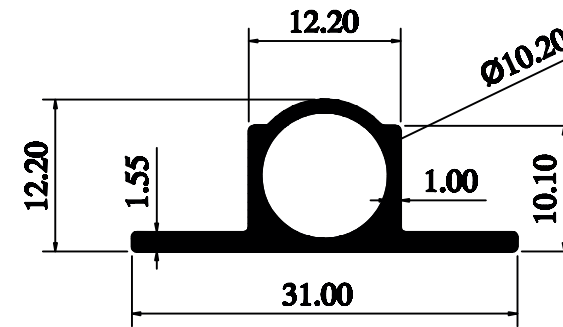
TUBELIGHT SECTION/BASKET CHANNEL/TOWER BOLT

W Windalco Aluminium



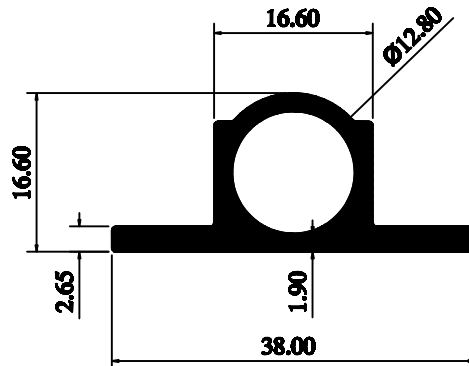
20434

WT KG/12FT=0.630



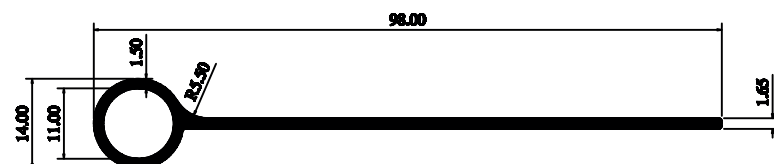
20437

WT KG/12FT=0.820



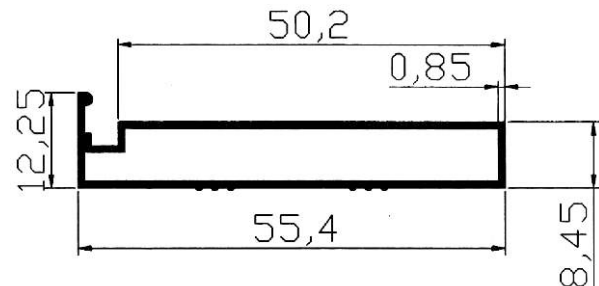
20435

WT KG/12FT=1.800



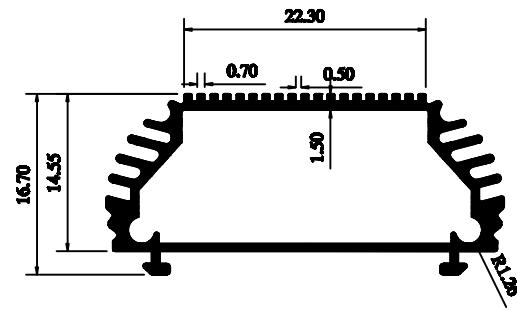
20438

WT KG/12FT=1.950



20436

WT KG/12FT=1.300

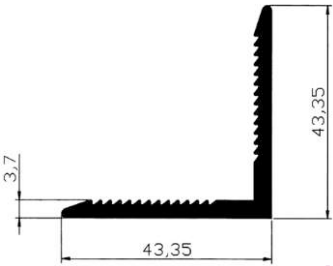
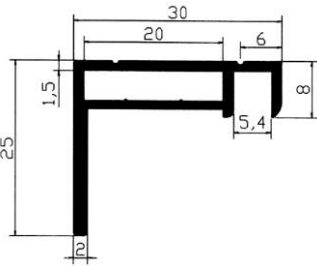
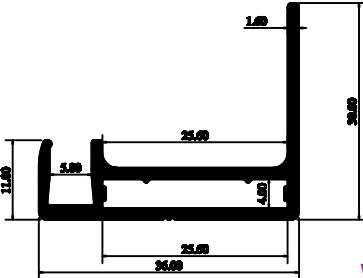
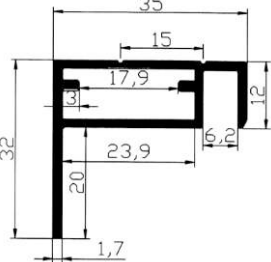
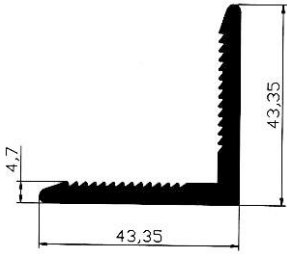
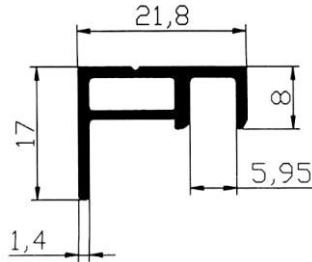
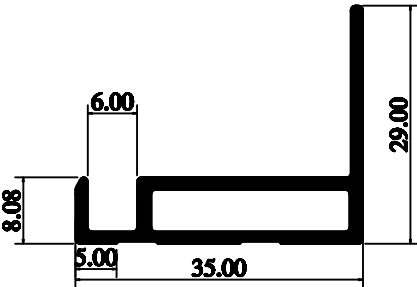
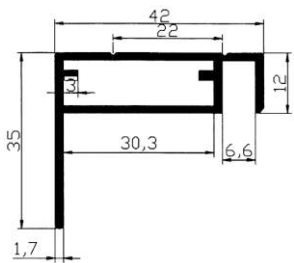


20439

WT KG/12FT=1.050

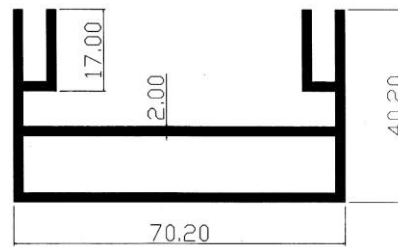
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

SOLAR SECTION

 20440 WT KG/12FT=2.800	 20444 WT KG/12FT=1.200
 20441 WT KG/12FT=1.720	 20445 WT KG/12FT=1.750
 20442 WT KG/12FT=3.150	 20446 WT KG/12FT=0.900
 20443 WT KG/12FT=1.460	 20447 WT KG/12FT=1.850

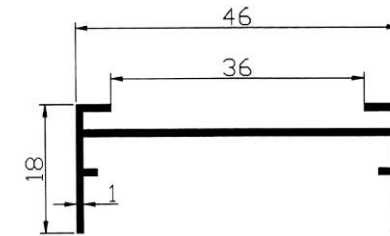
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

INDUSTRIAL SECTION



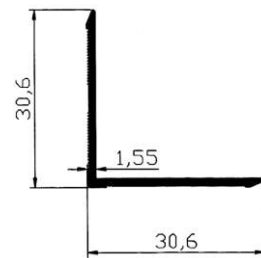
20448

WT KG/12FT=5.000



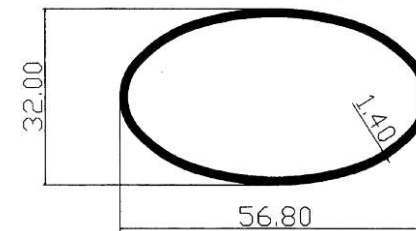
20452

WT KG/12FT=0.900



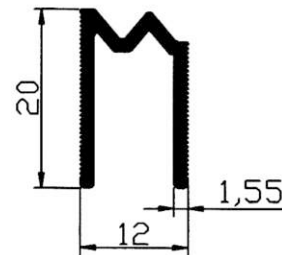
20449

WT KG/12FT=0.700



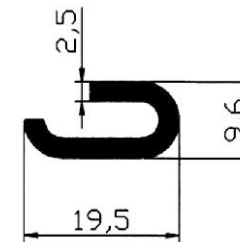
20453

WT KG/12FT=1.900



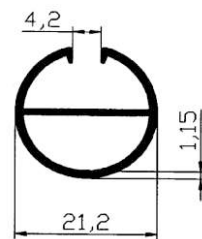
20450

WT KG/12FT=0.700



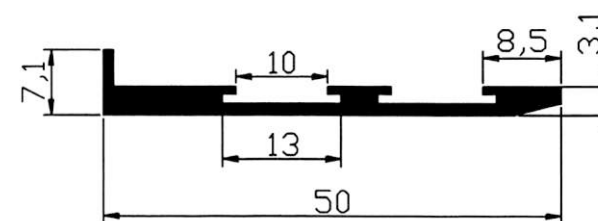
20454

WT KG/12FT=0.800



20451

WT KG/12FT=1.000

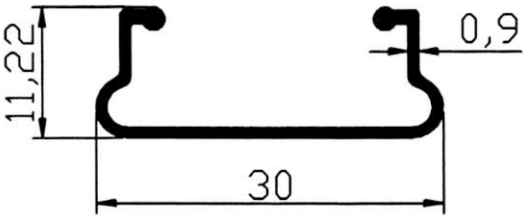


20455

WT KG/12FT=1.350

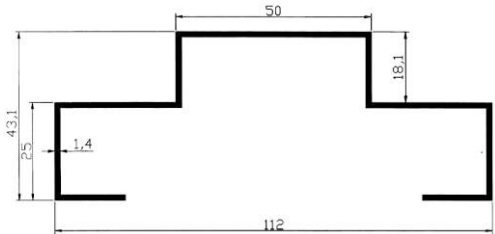
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

INDUSTRIAL SECTION



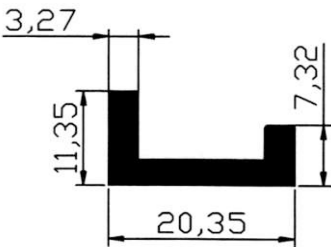
20456

WT KG/12FT=0.520



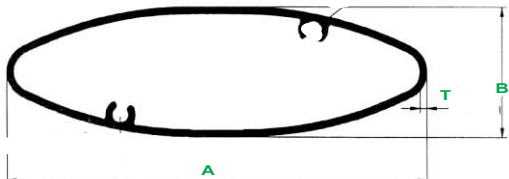
20460

WT KG/12FT=3.100

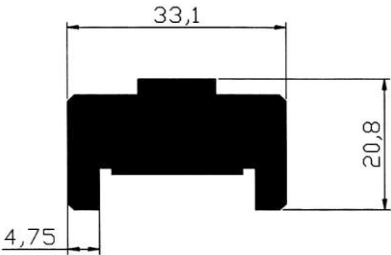


20457

WT KG/12FT=1.000

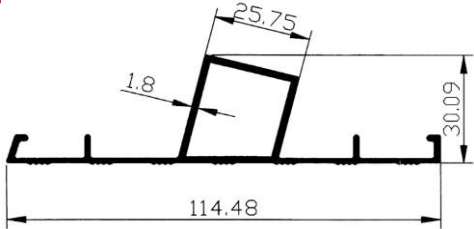


Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20461	75.0	23.0	1.20	2.000-2.100
2	20462	100.0	25.0	1.50	3.200-3.300



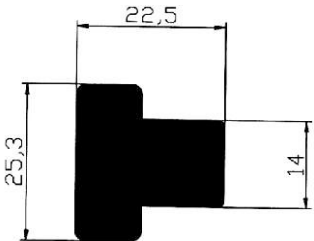
20458

WT KG/12FT=4.850



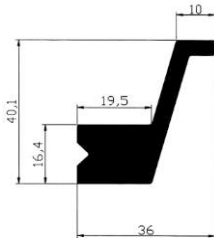
20463

WT KG/12FT=3.570



20459

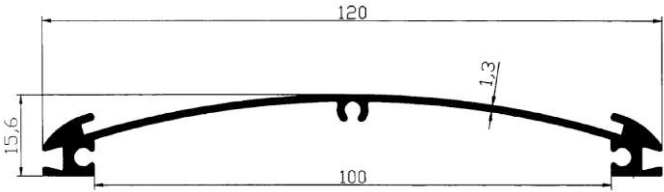
WT KG/12FT=4.200



20464

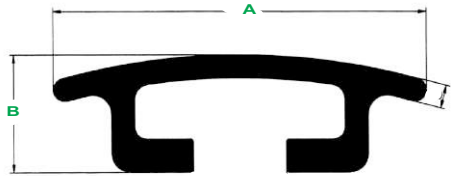
WT KG/12FT=4.800

INDUSTRIAL SECTION

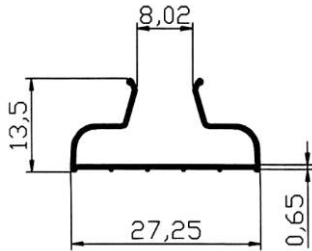


20465

WT KG/12FT=1.950

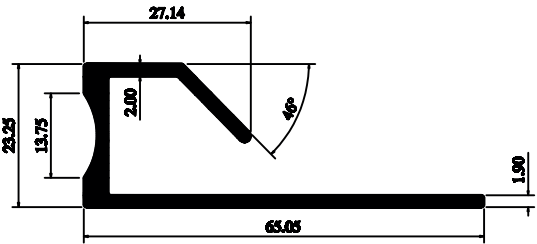


Sr. No.	Section No.	A	B	T	Wt Range Kgs/12ft
1	20469	80.0	25.0	5.00	7.600-7.700
2	20470	90.0	25.0	5.00	8.200-8.300



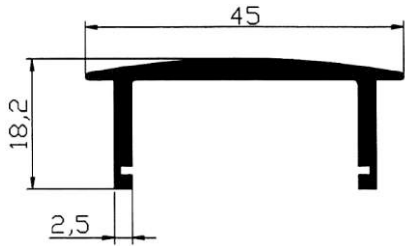
20466

WT KG/12FT=2.000



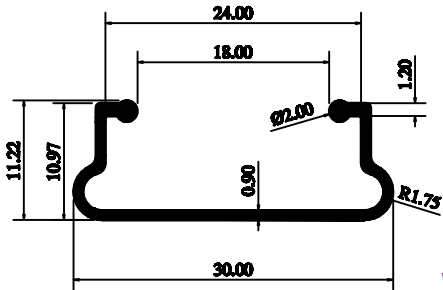
20471

WT KG/12FT=2.400



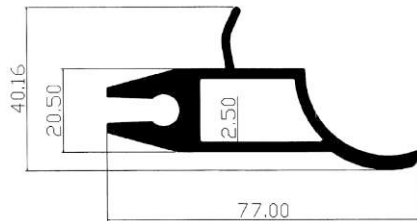
20467

WT KG/12FT=1.750



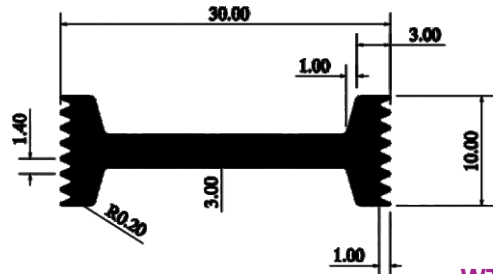
20472

WT KG/12FT=0.550



20468

WT KG/12FT=1.720

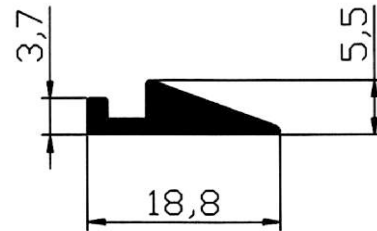


20473

WT KG/12FT=1.400

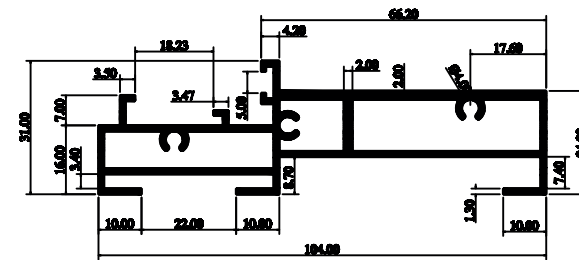
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

INDUSTRIAL SECTION



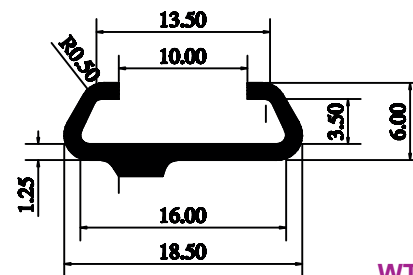
20474

WT KG/12FT=0.550



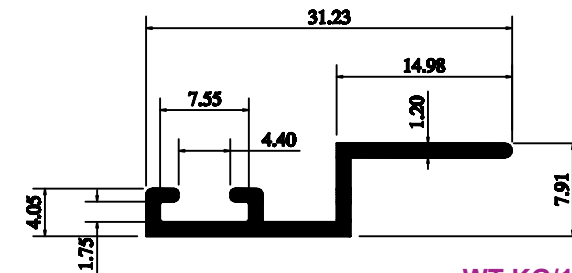
20478

WT KG/12FT=5.120



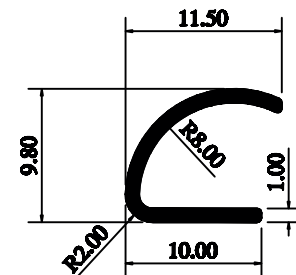
20475

WT KG/12FT=0.450



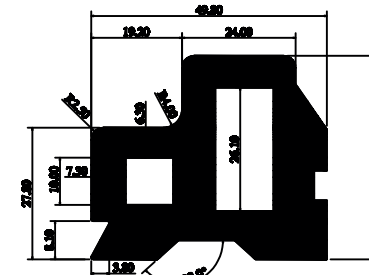
20479

WT KG/12FT=0.540



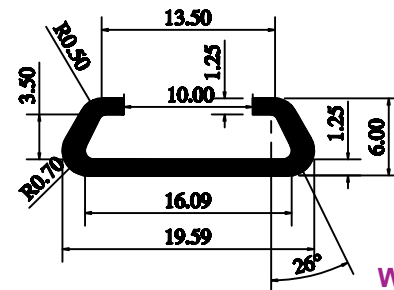
20476

WT KG/12FT=0.250



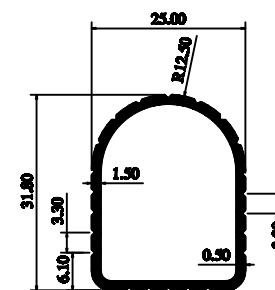
20480

WT KG/12FT=12.500



20477

WT KG/12FT=0.470



20481

WT KG/12FT=1.320

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%



WT KG/12FT=0.600



WT KG/12FT=8.960



WT KG/12FT=1.400



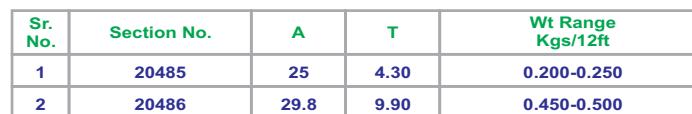
WT KG/12FT=0.800



WT KG/12FT=4.500



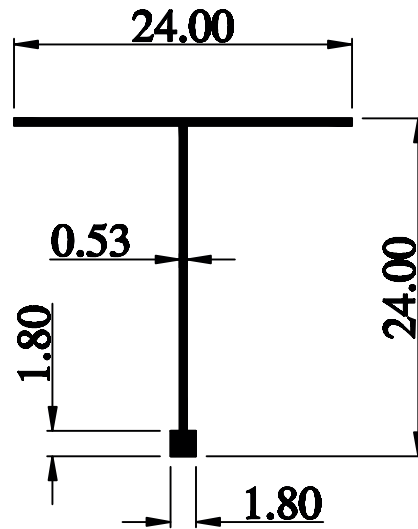
WT KG/12FT=4.200



WT KG/12FT=0.750

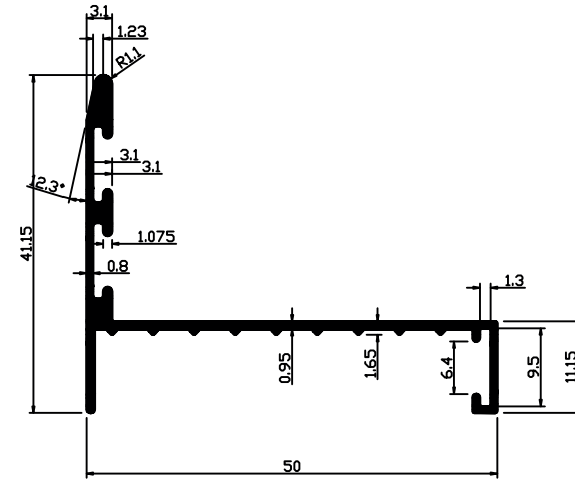
45

INDUSTRIAL SECTION



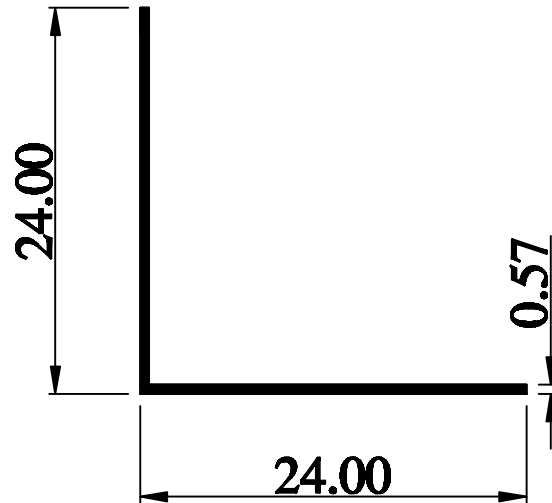
20491

WT KG/12FT=0.260



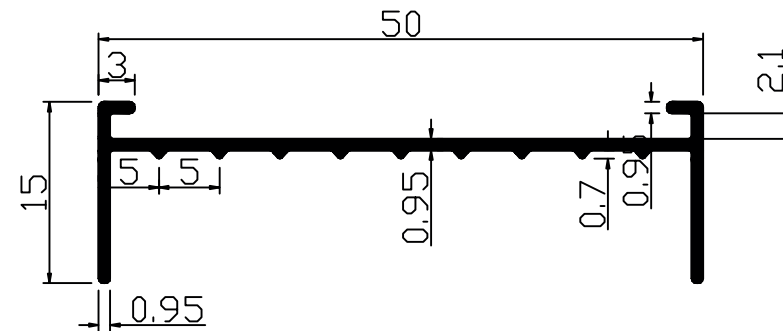
20493

WT KG/12FT=1.250



20492

WT KG/12FT=0.260

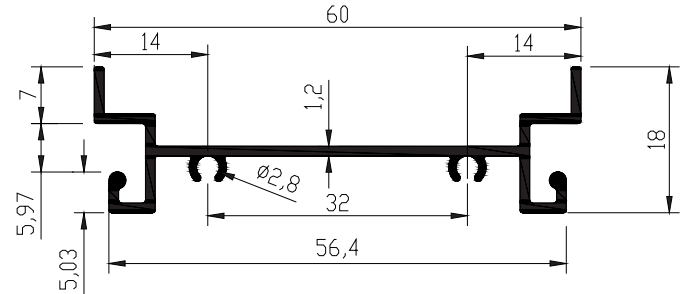


20494

WT KG/12FT=0.800

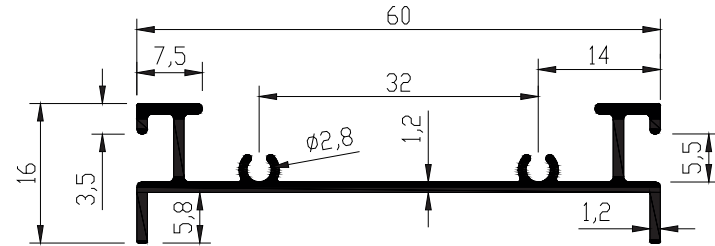
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

INDUSTRIAL SECTION



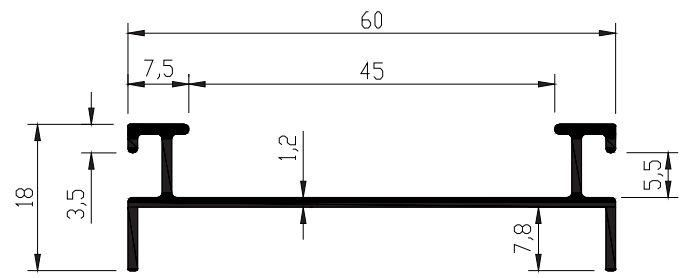
20495

WT KG/12FT=1.440



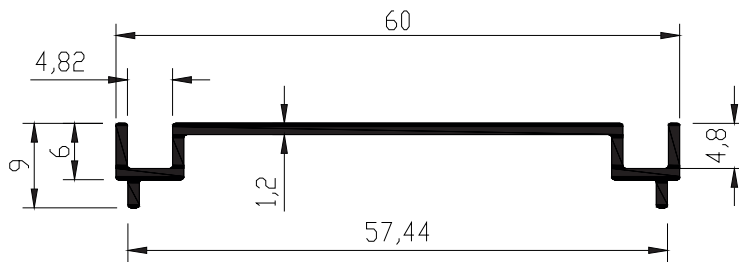
20498

WT KG/12FT=1.380



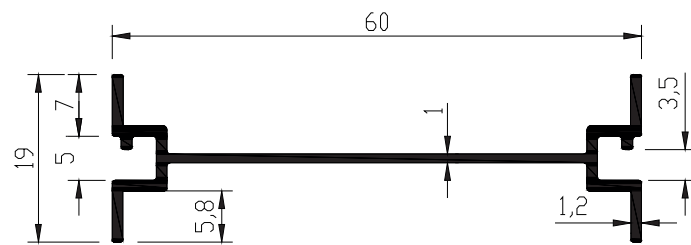
20496

WT KG/12FT=1.300



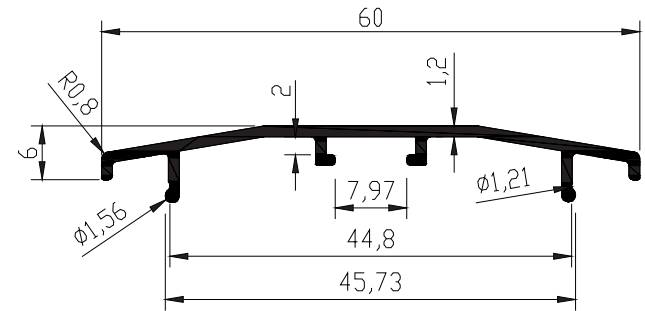
20499

WT KG/12FT=1.000



20497

WT KG/12FT=1.180

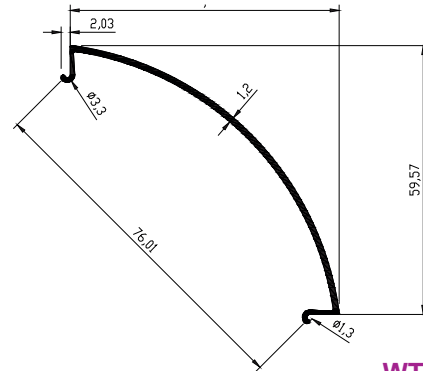


20500

WT KG/12FT=1.000

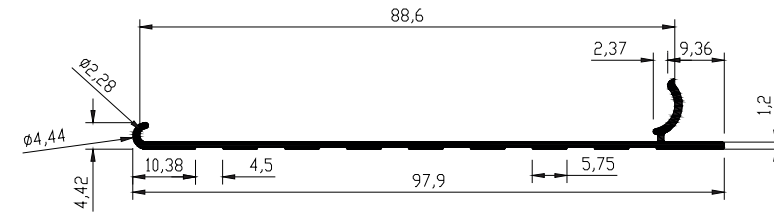
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

INDUSTRIAL SECTION



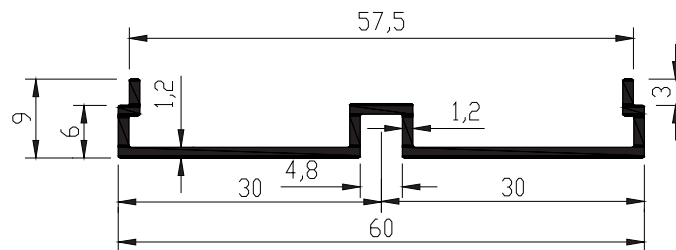
20501

WT KG/12FT=1.200



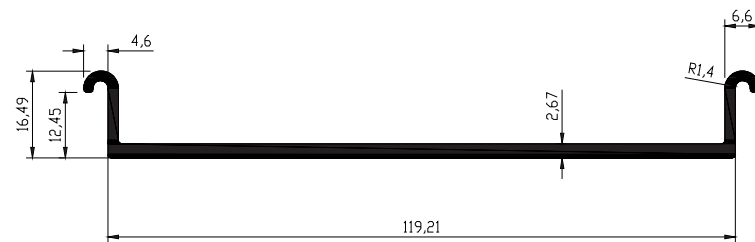
20504

WT KG/12FT=1.220



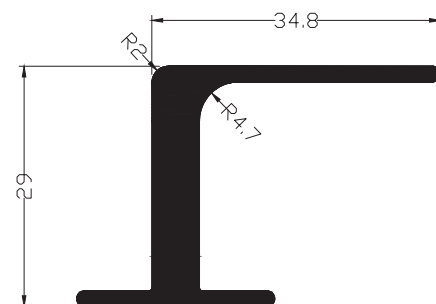
20502

WT KG/12FT=1.030



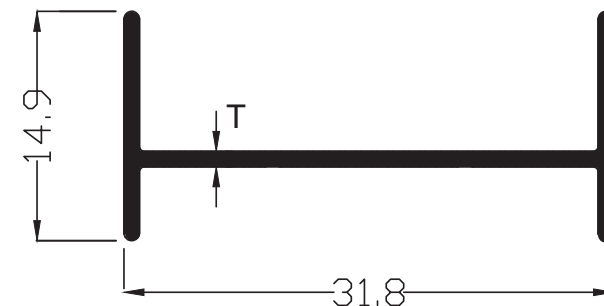
20505

WT KG/12FT=0.960



20503

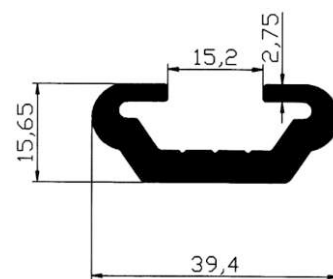
WT KG/12FT=2.540



20506

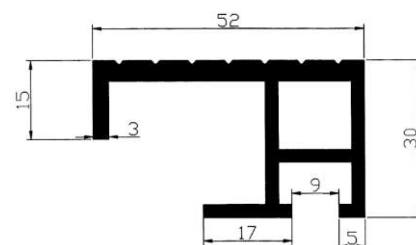
WT KG/12FT=1.250

AUTO DOOR SLIDING SECTION/SEALING SECTION



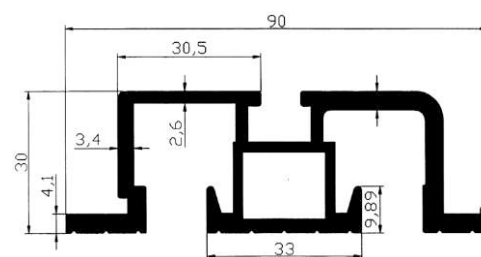
20507

WT KG/12FT=2.850



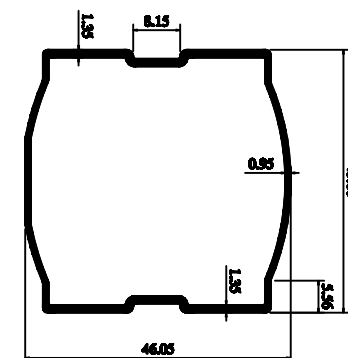
20508

WT KG/12FT=4.000



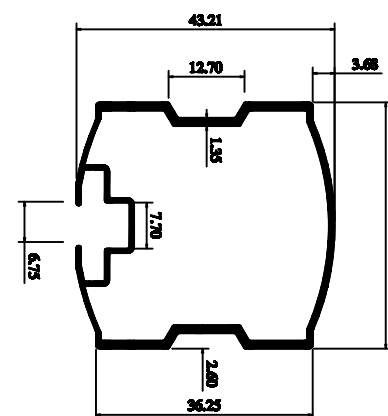
20509

WT KG/12FT=7.690



20510

WT KG/12FT=1.450

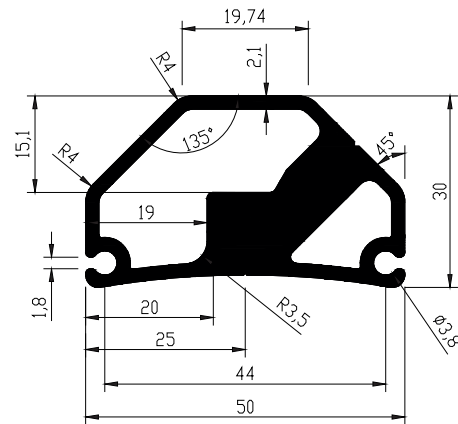


20511

WT KG/12FT=1.900

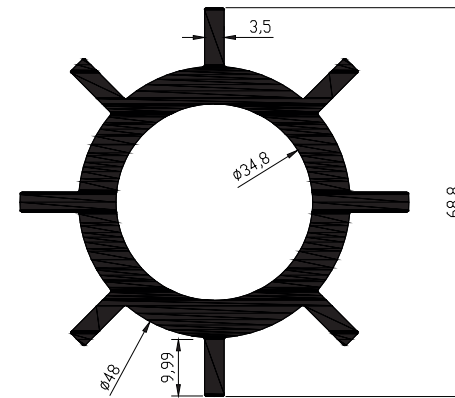
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

Miscellaneous Section



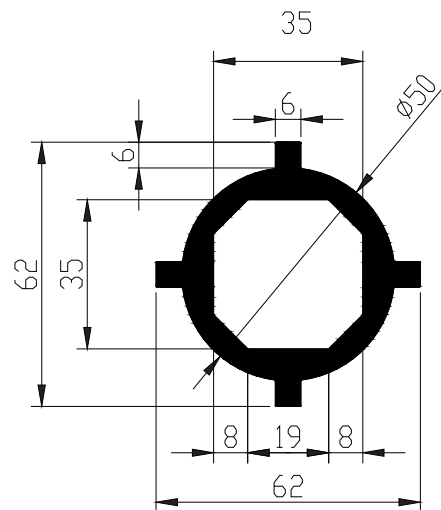
20512

WT KG/12FT=5.610



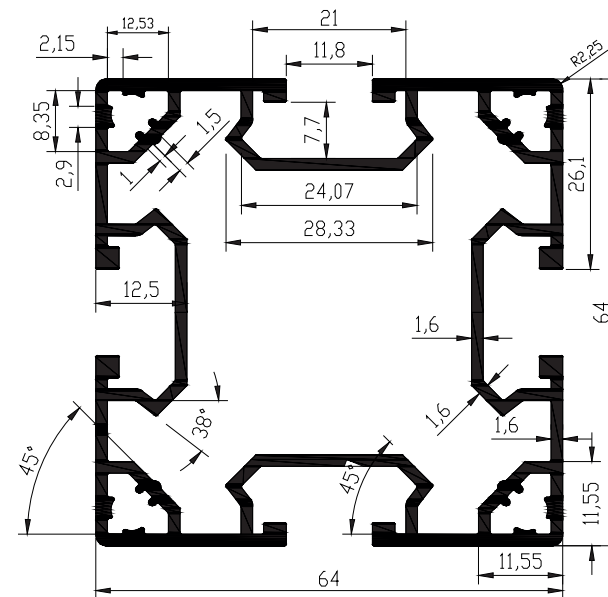
20514

WT KG/12FT=11.270



20513

WT KG/12FT=9.910

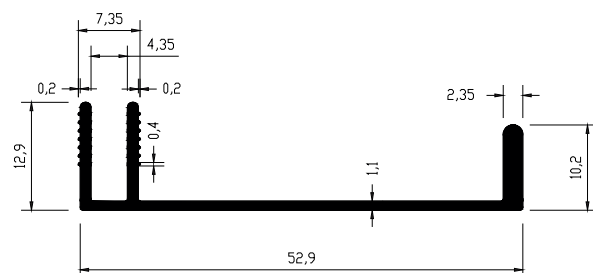


20515

WT KG/12FT=7.400

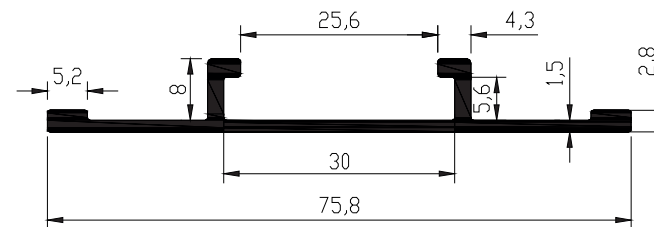
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

Miscellaneous Section



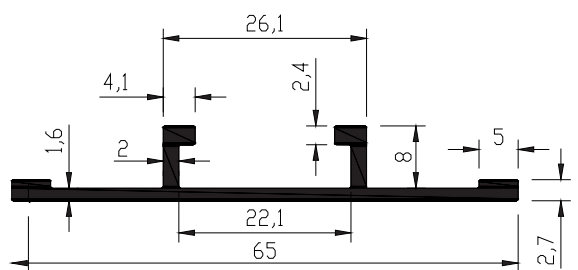
20516

WT KG/12FT=1.080



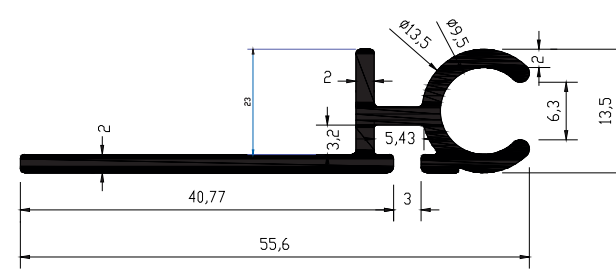
20520

WT KG/12FT=1.675



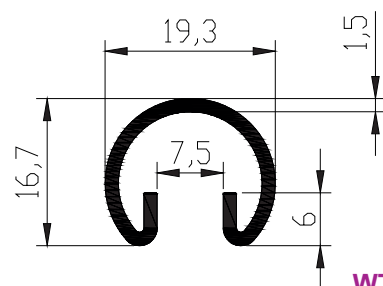
20517

WT KG/12FT=1.540



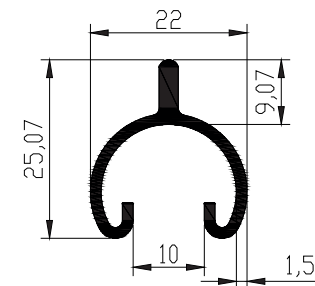
20521

WT KG/12FT=1.750



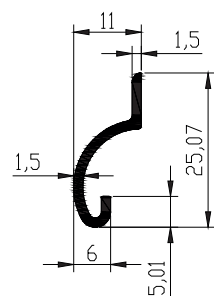
20518

WT KG/12FT=0.800



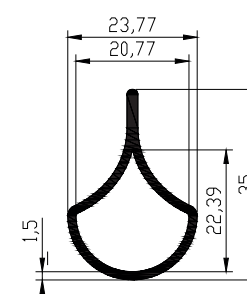
20522

WT KG/12FT=1.030



20519

WT KG/12FT=0.520

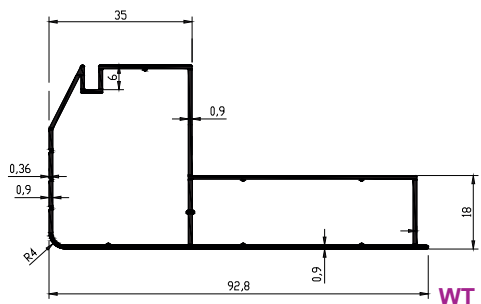


20523

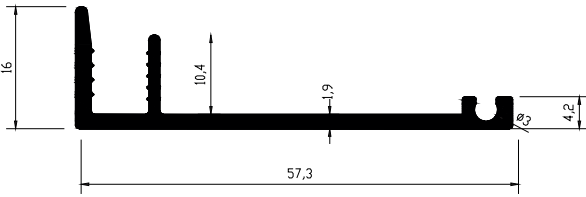
WT KG/12FT=1.225

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

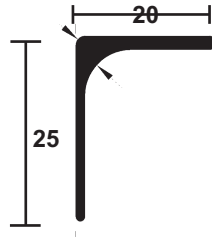
Miscellaneous Section



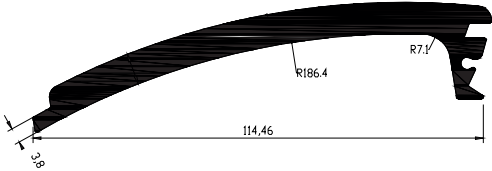
20524 WT KG/12FT=2.600



20525 WT KG/12FT=1.565

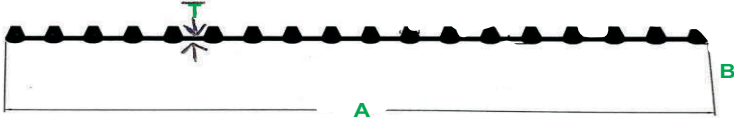


20526 WT KG/12FT=0.450



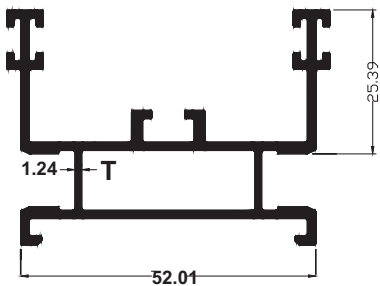
20527 WT KG/12FT=10.000

Aluminium Gril Section



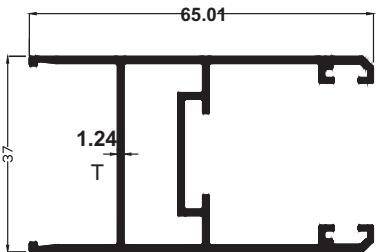
Sr. No.	Section No.	Name	A	B	T	Wt Range Kgs/12ft
1	20528	18 Bulb	134.29	4.5	1.00	2.968
2	20529	20 Bulb	149.650	4.5	1.00	3.301
3	20530	22 Bulb	165.020	4.5	1.00	3.635
4	20531	24 Bulb	180.380	4.5	1.00	3.970
5	20532	26 Bulb	195.750	4.5	1.00	4.304
6	20533	28 Bulb	211.110	4.5	1.00	4.638
7	20534	30 Bulb	226.480	4.5	1.00	4.972
8	20535	32 Bulb	241.480	4.5	1.00	5.306
9	20536	34 Bulb	256.840	4.5	1.00	5.735

Special Window Section



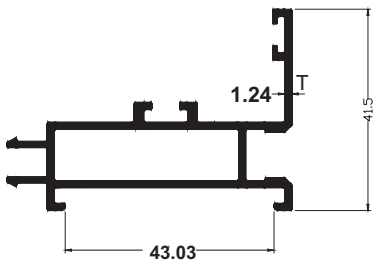
20537

WT KG/12FT=3.528



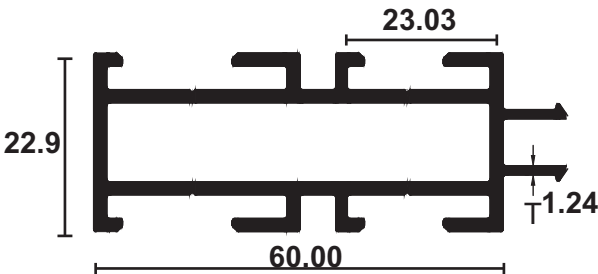
20540

WT KG/12FT=3.104



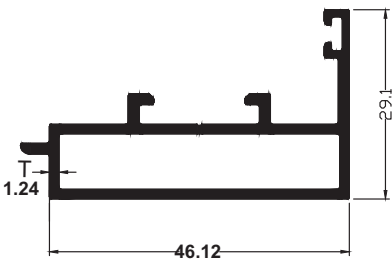
20538

WT KG/12FT=2.912



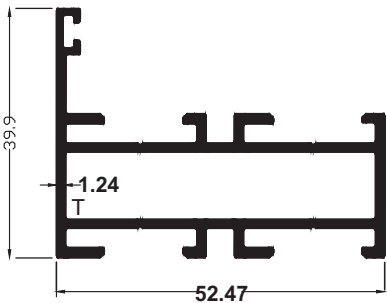
20541

WT KG/12FT=3.442



20539

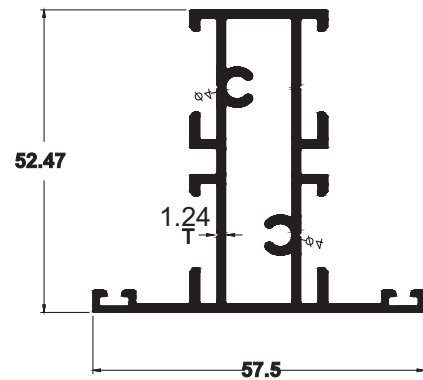
WT KG/12FT=2.235



20542

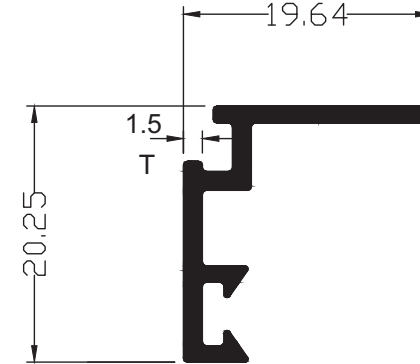
WT KG/12FT=3.198

Special Window Section



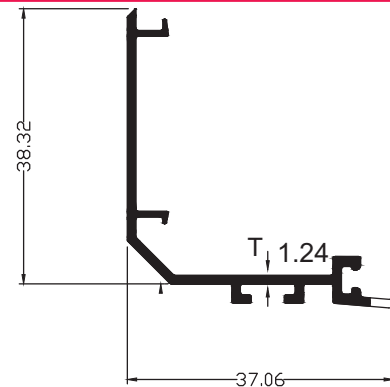
20543

WT KG/12FT=3.829



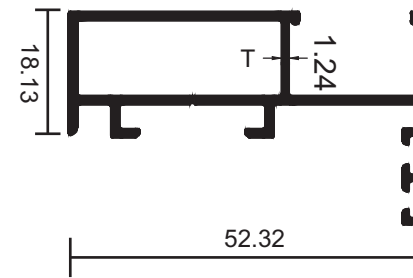
20546

WT KG/12FT=



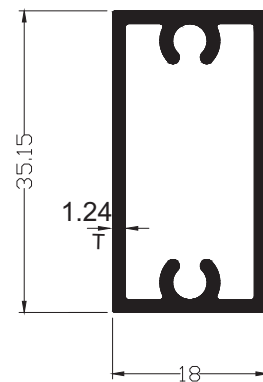
20544

WT KG/12FT=1.123



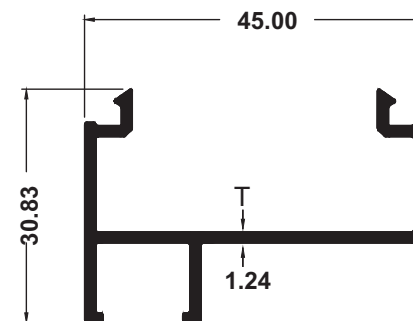
20547

WT KG/12FT=2.221



20545

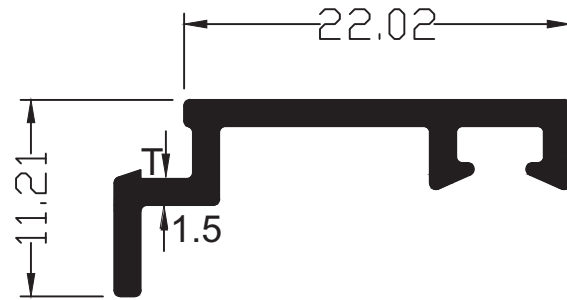
WT KG/12FT=1.772



20548

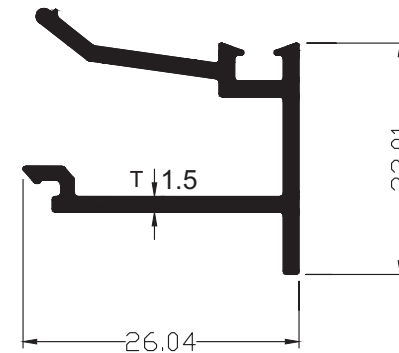
WT KG/12FT=1.706

Special Window Section



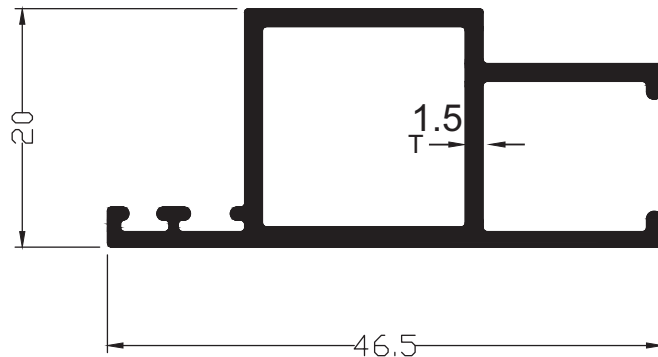
20549

WT KG/12FT=0.651



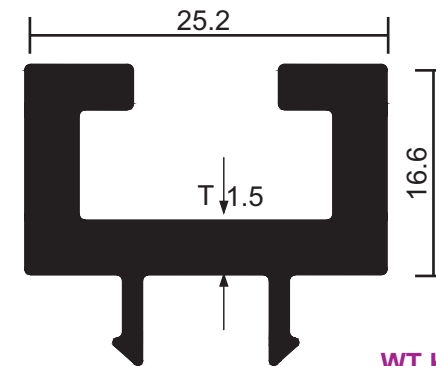
20552

WT KG/12FT=1.143



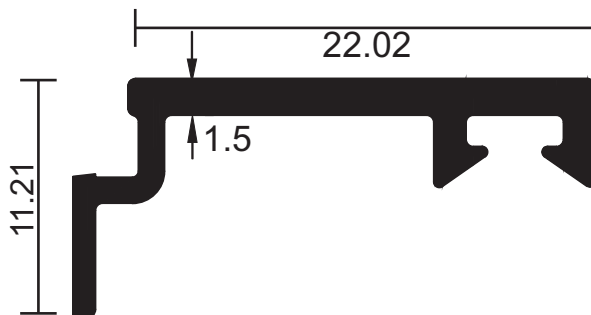
20550

WT KG/12FT=1.794



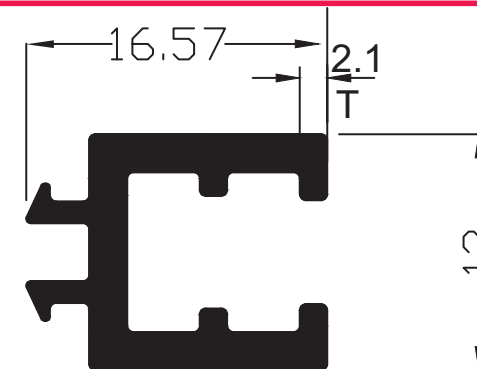
20553

WT KG/12FT=1.349



20551

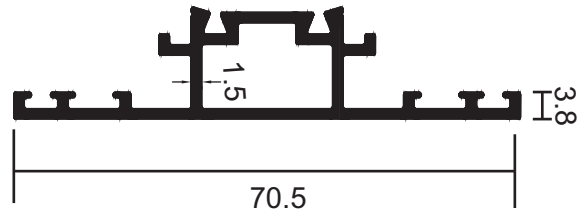
WT KG/12FT= 0.628



20554

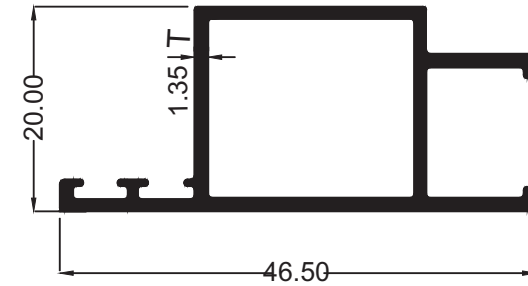
WT KG/12FT=0.894

Special Window Section



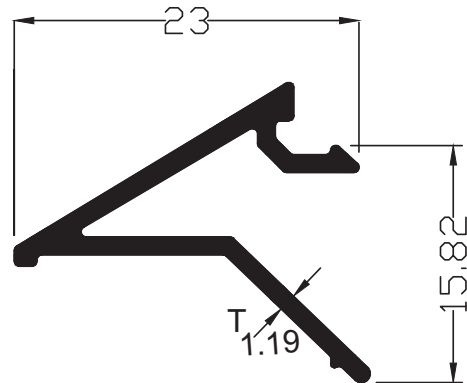
20555

WT KG/12FT=2.320



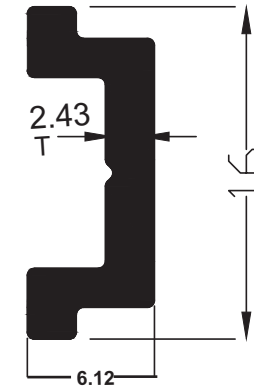
20558

WT KG/12FT=1.533



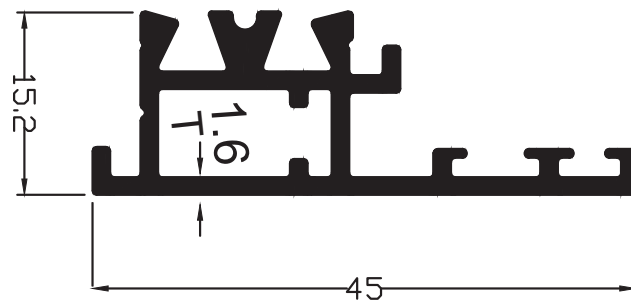
20556

WT KG/12FT=0.681



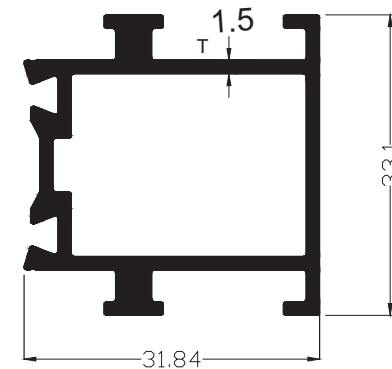
20559

WT KG/12FT=0.505



20557

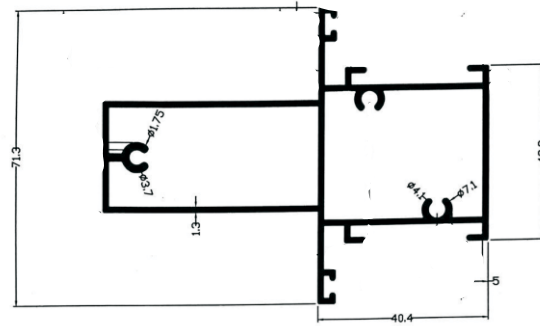
WT KG/12FT=1.815



20560

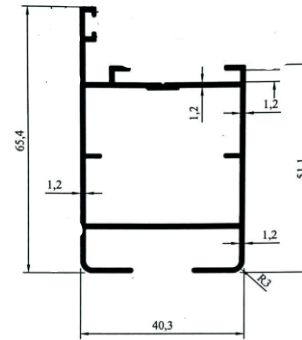
WT KG/12FT=2.439

Special 3 in 1 Window Section



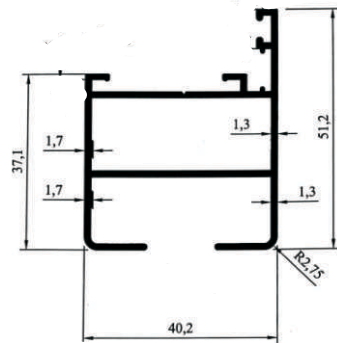
20561

WT KG/12FT=5.132



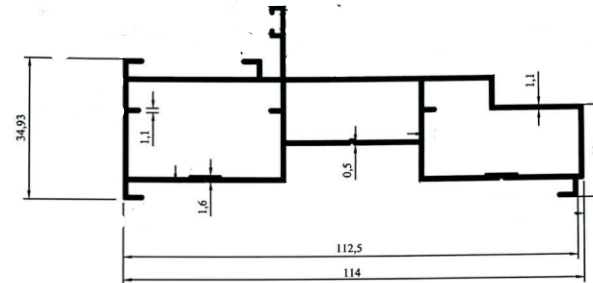
20564

WT KG/12FT=2.840



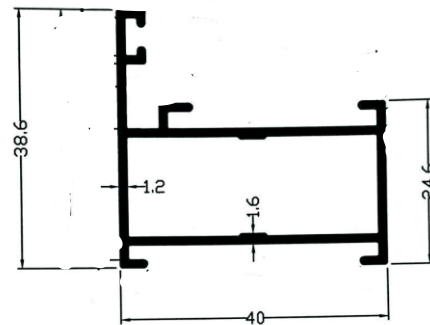
20562

WT KG/12FT=2.650



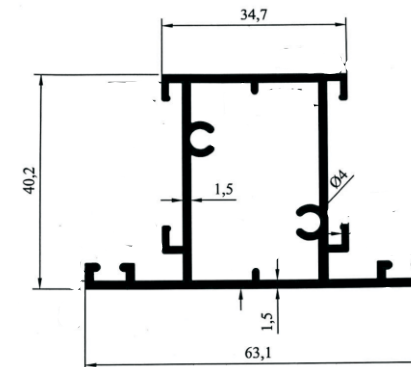
20565

WT KG/12FT=4.000



20563

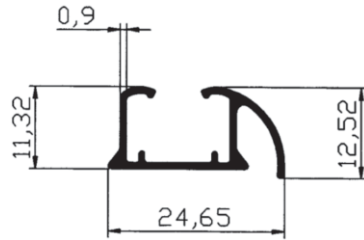
WT KG/12FT=1.943



20566

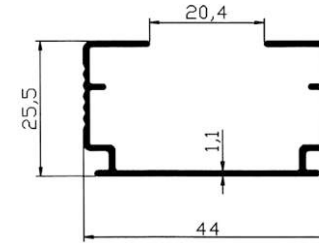
WT KG/12FT=3.360

Curtain Section



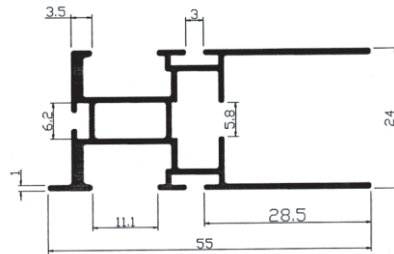
20567

WT KG/12FT=0.750



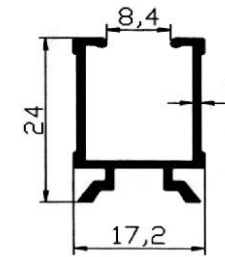
20571

WT KG/12FT=1.000



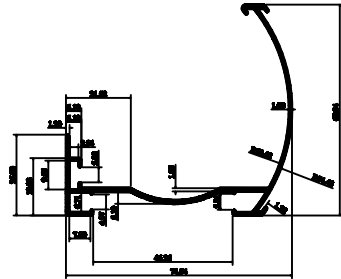
20568

WT KG/12FT=1.900



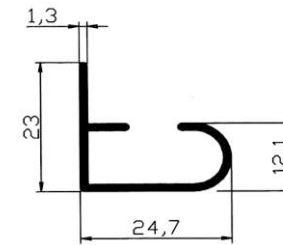
20572

WT KG/12FT=0.800



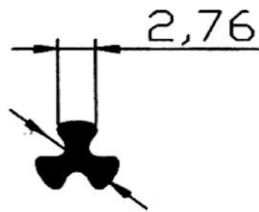
20569

WT KG/12FT=2.200



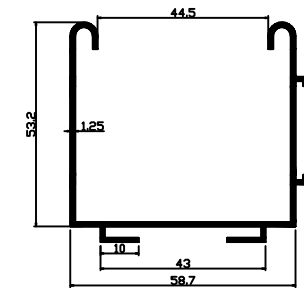
20573

WT KG/12FT=0.850



20570

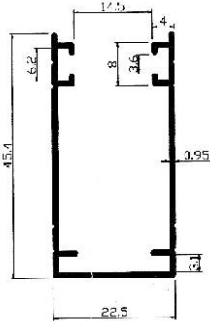
WT KG/12FT=0.160



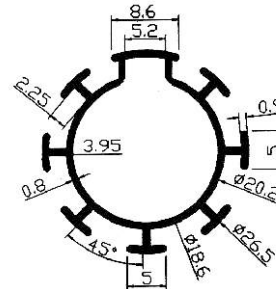
20574

WT KG/12FT=2.490

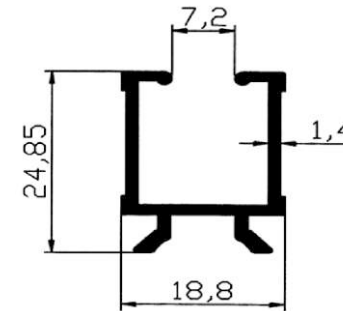
Curtain Section



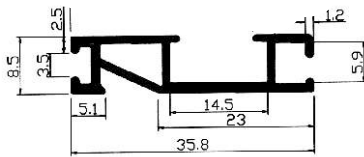
20575 WT KG/12FT=1.220



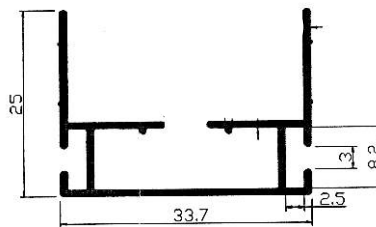
20578 WT KG/12FT=0.980



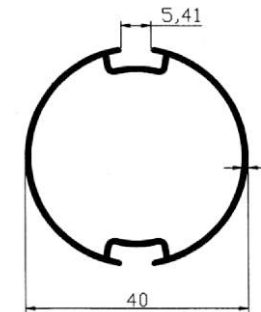
20581 WT KG/12FT=1.450



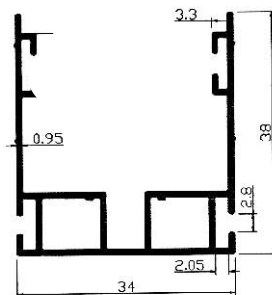
20576 WT KG/12FT=1.100



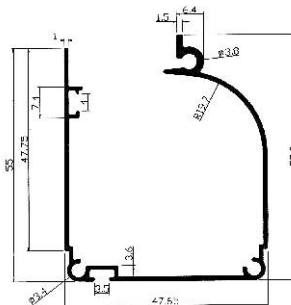
20579 WT KG/12FT=1.100



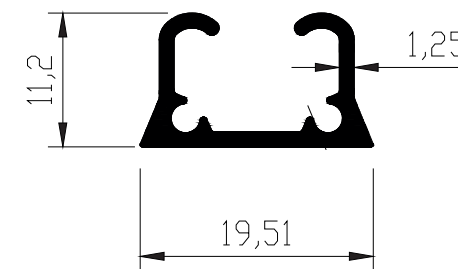
20582 WT KG/12FT=1.260



20577 WT KG/12FT=1.650



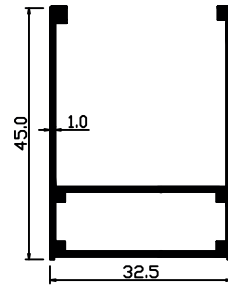
20580 WT KG/12FT=2.000



20583 WT KG/12FT=0.620

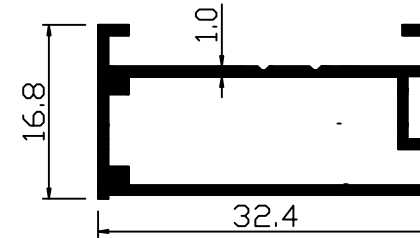
ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

Curtain Section



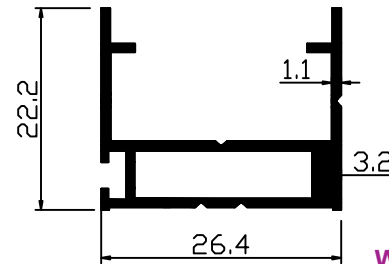
20584

WT KG/12FT=1.614



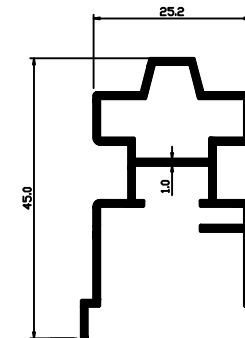
20588

WT KG/12FT=1.034



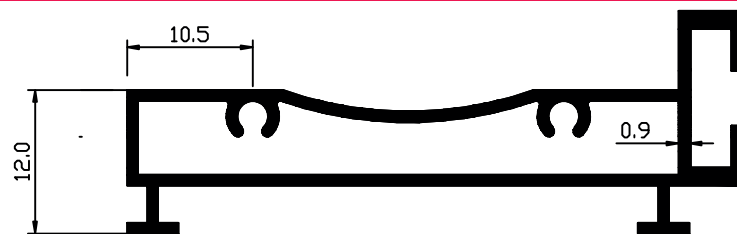
20585

WT KG/12FT=1.097



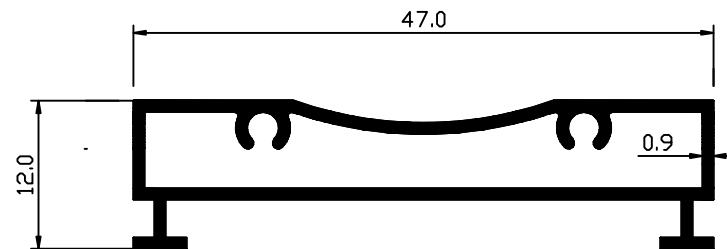
20589

WT KG/12FT=1.550



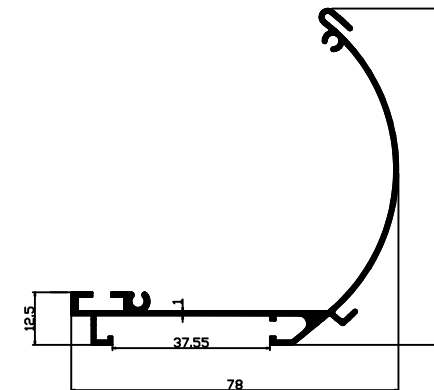
20586

WT KG/12FT=1.459



20587

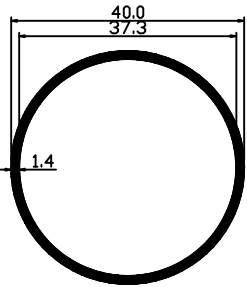
WT KG/12FT=1.188



20590

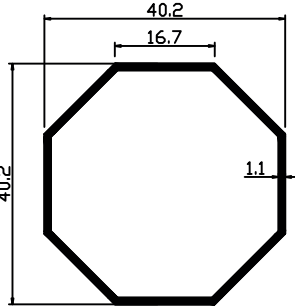
WT KG/12FT=2.300

Curtain Section



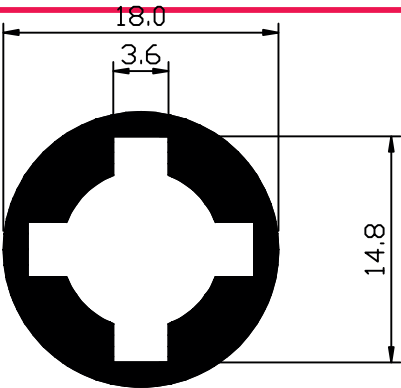
20591

WT KG/12FT=1.600



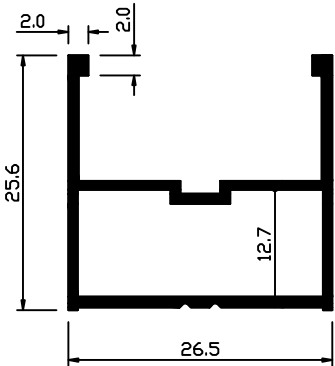
20594

WT KG/12FT=1.400



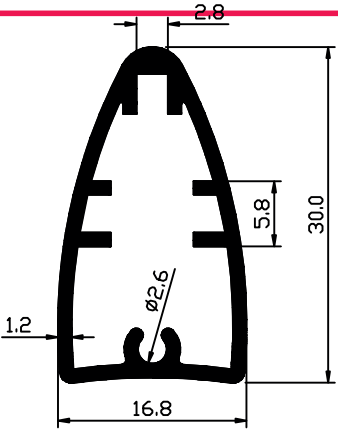
20592

WT KG/12FT=1.300



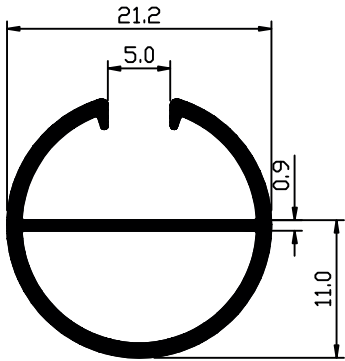
20595

WT KG/12FT=1.030



20593

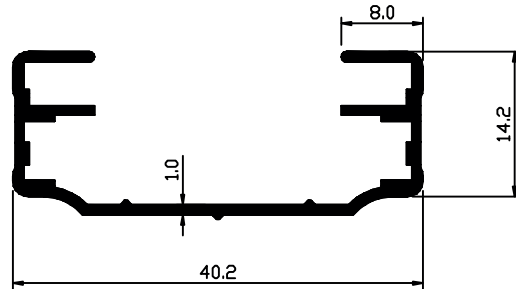
WT KG/12FT=1.200



20596

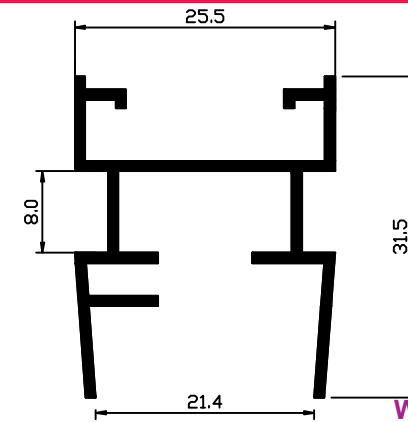
WT KG/12FT=0.825

Curtain Section



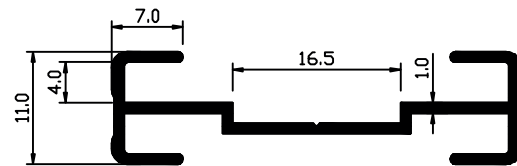
20597

WT KG/12FT=1.000



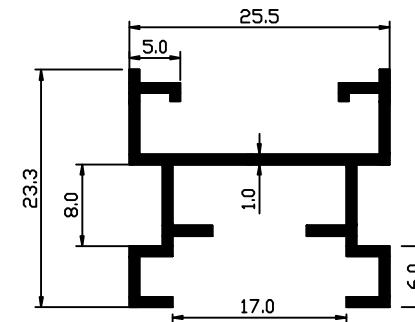
20600

WT KG/12FT=1.140



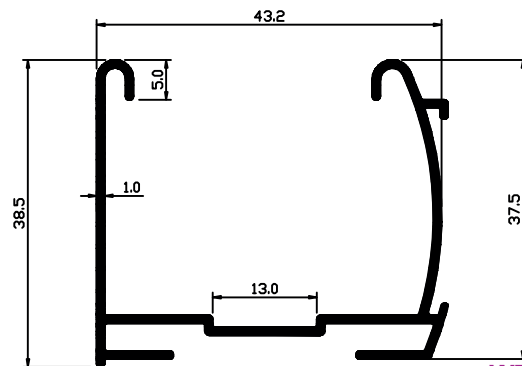
20598

WT KG/12FT=1.300



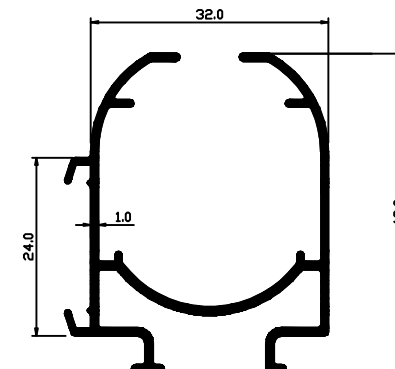
20601

WT KG/12FT=0.980



20599

WT KG/12FT=1.500



20602

WT KG/12FT=1.700

ALL DIMENSIONS IN MM. • WEIGHT TOLERANCES ± 7 TO 10%

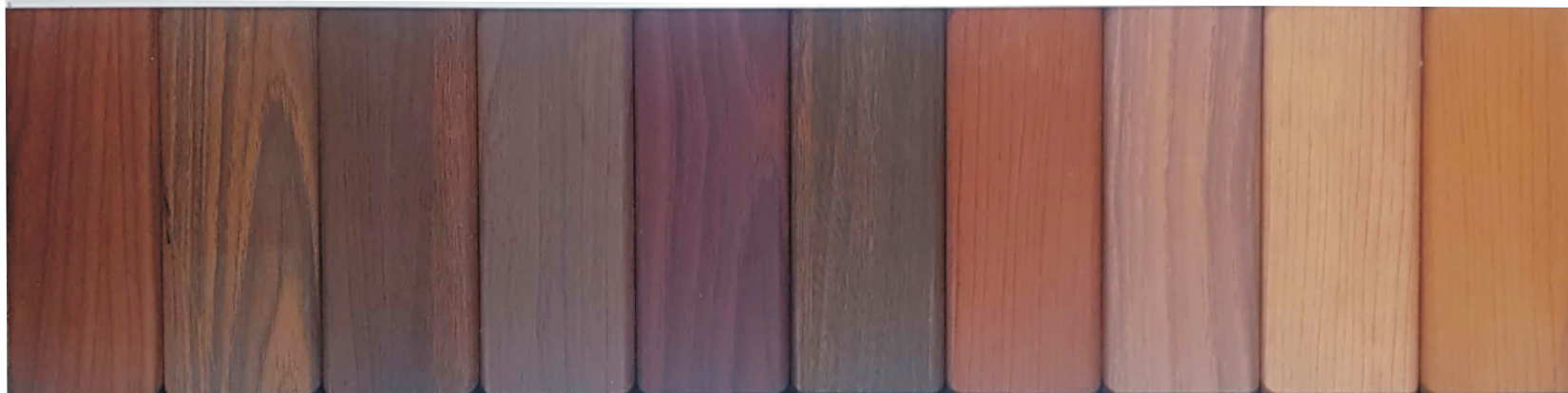
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