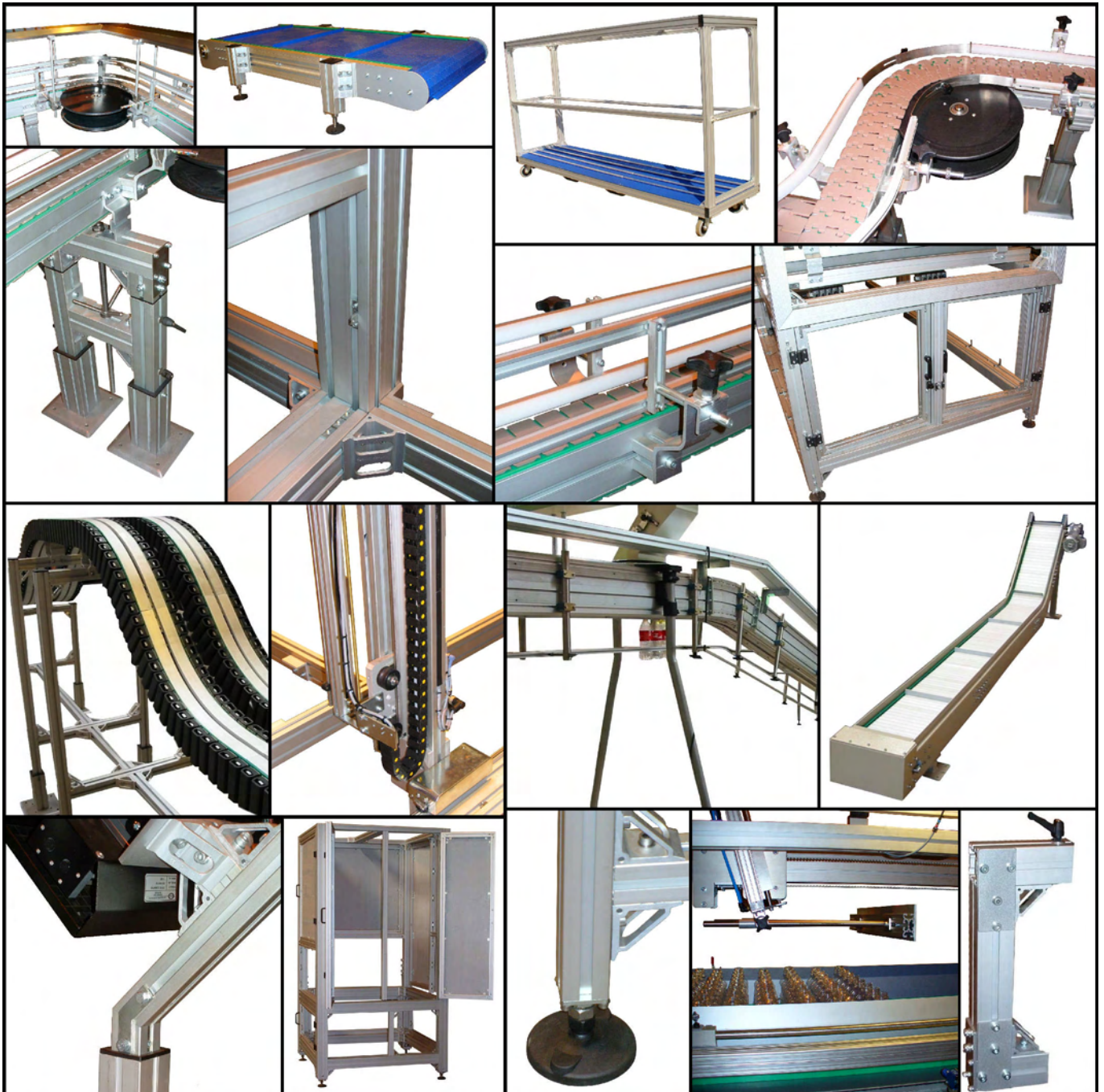
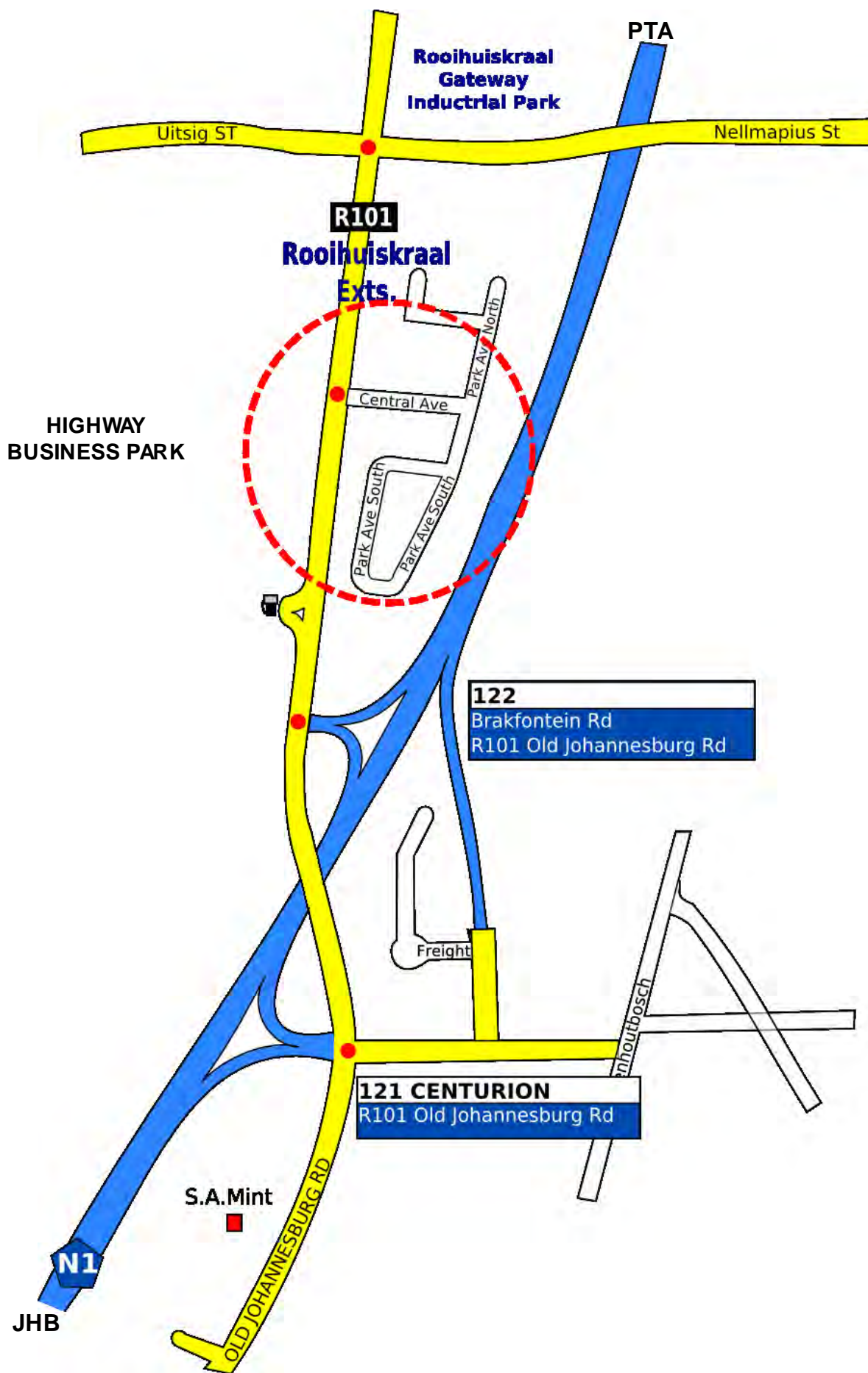


FLEXILINE

ALUMINIUM PROFILES AND CONVEYOR ACCESSORIES

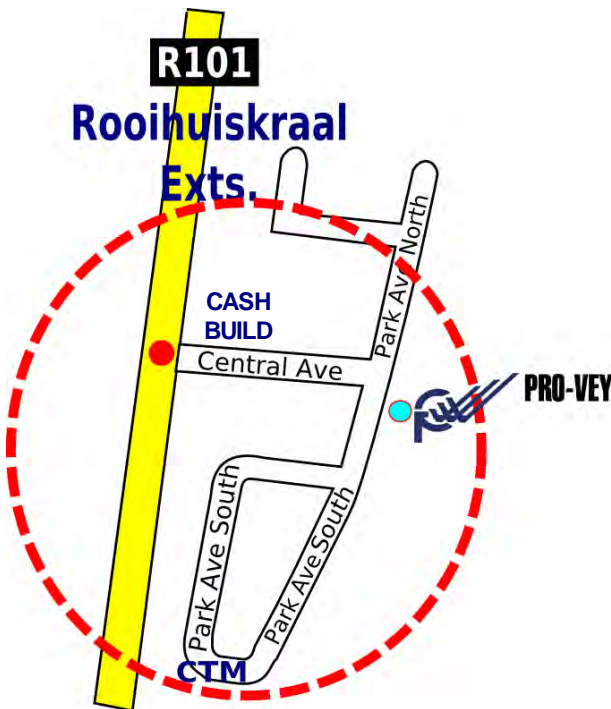




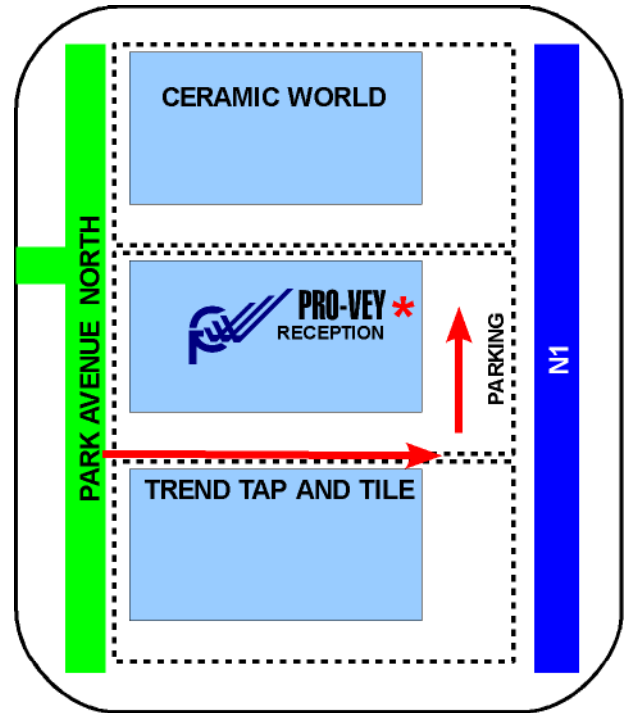
INTRODUCTION TO PRO-VEY

Company Profile:

Pro-Vey has been trading since 2002 and is the biggest in the supply of aluminium extrusion profiles and accessories for engineering applications in South Africa. We are situated in Centurion, in the Gauteng Province, which is the economic hub of our country.



MAP OF HIGHWAY BUSINESS PARK



MAP TO PRO-VEY'S RECEPTION

Objective:

Our primary objective is to supply aluminium structure profiles, modular aluminium and stainless steel conveyor components and automation spares to various industries, including the following:

- Machine Builders;
- Engineering;
- Food and Beverage;
- Pharmaceuticals and Cosmetic;
- Personal and Household; and
- Automation Industry.

Service:

Pro-Vey prides itself in professional product advice, personal service, innovative products and excellent after sales service.

The Sales Team attends to customer's needs, anticipating and communicating possible solutions. This gives the foundation and support for system builders to start their own patent with the personal touch of the supplier comprehending the end product.

INTRODUCTION TO PRO-VEY

Client Base:

Pro-Vey has an impressive client base and continuously supply numerous companies in various industries, including:

- System builders supplying aluminium structures to the motor industry like Ford, Nissan, Toyota etc.;
- Machine building companies that export machines, built from spares in the Pro-Vey range of products, to European, Eastern and African countries; and
- Some of our local customers include Polyoak, PetPak, Xac-Pet etc.

Product range:

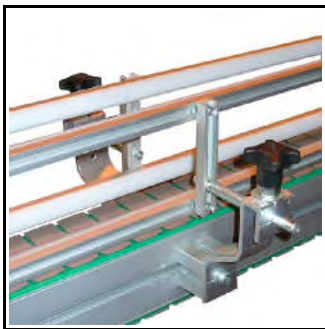
Please contact your Sales Engineer for more information on any of our

FLEXILINE



Aluminium Profiles and Accessories

In our quest for more competitive, economically priced and quality products to increase our customer's production effectiveness, we are able to supply a range of aluminium profiles and accessories. We are able to maintain stable prices due to our profiles that is locally extruded and brackets that is manufactured in-house. We keep adequate stock levels making us the perfect just-in-time supplier.



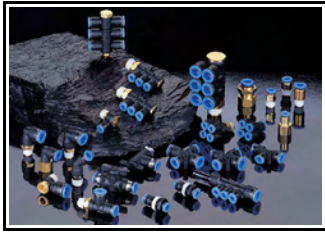
Modular Aluminium Conveyor Spares and Accessories

The major perils facing all industries are to acquire products that meet budget constraints, quality assurance audits, long lead times and unnecessary outsourcing of labour. Pro-Vey designed the FlexiLine conveyors to address above concerns. All our conveyor spares are economically priced and spares are bought off the shelf. The system is completely modular and can be assembled on site and the interchangeable parts makes future modifications or extensions easy. The tight radius bends are ideal for confined spaces and it is possible to go through 3 or 4 bends with one drive unit.



Hygienic Modular Stainless Steel Conveyor Spares and Accessories

There is a continuous drive in various industries to improve hygiene in the manufacturing processes due to laws, legislation and society expectations. FlexiLine introduces its modular stainless steel conveyor system as a solution.



Pneumatic Fittings

The unique aspect of this powerful range of pneumatic fittings is the high quality product of below market costs.

The range offers a variety of push-in connectors, tubing, air restrictor silencers, air guns and spiral tubing. Sang-A has been used in the industry with great success and its supplies are meeting the growing industry demand.



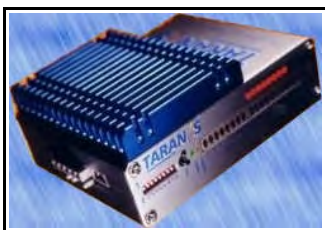
Sensors

Sensors that are easy to select, install, apply and maintain. Devices that are smaller, interchangeable and adaptable to a variety of environmental conditions.



Linear Cylinders

Pro-Vey imports Lanamatic rodless cylinders as a compact solution to a range of linear movement requirements. The units are fabricated from high strength alloy with sealing parts being oil resistant and pliable. All cylinders are assembled according to the client's specifications.



Stepper Motor Motion Control

Taranis digital stepper drives are not only a stepper driver, but a single axis motion controller too. The unit's super fast digital signal processors drive and control 2 or 4 phase stepper motor with whisper quiet operation and pinpoint accuracy.



Mavilor Servomotors and Infranor Servo Drives

Mavilor offers a whole range of servomotors from ultra durable washdown motors (ideal for food, medical, pharmaceutical and chemical industries) to actuator all in one motor (no gearbox needed) and much more.



Renu Electronic Operator Panels

Ranging from monochrome keypad screens to 256 colour touch screen panels, with dual port support (RS232 & RS485) and multiple PLC compatibility these operator panels can be used in various applications across many industries.



Static Control Solutions

In the presence of static electricity, materials may stick or repel each other, dust or contaminants may be attracted to equipment surfaces and products causing production to be interrupted, production speeds slowed, product quality decreased, more rejects occur, and personnel may experience electrostatic shock.

TAKK Industries offers various types of anti static products to neutralize the static electricity present on production equipment or product, eliminating costly production problems.

As demonstrated from our vast range of products we are able to source you with spares to build anything from a simple frame to a complex machine.







Contact us for professional advice and personal service. We are looking forward to hearing from you.



FLEXILINE

ALUMINIUM PROFILES AND CONVEYOR ACCESSORIES CATALOGUE

Index:

	CHAPTER	DESCRIPTION	PAGE NUMBERS
	Chapter 1:	Aluminium Beams and Other Extrusions	1-1 to 1-29
	Chapter 2:	Brackets and Connectors	2-1 to 2-21
	Chapter 3:	Conveyor Accessories	<i>In process</i>
	Chapter 4:	Conveyor Guide Rail Accessories	<i>In process</i>
	Chapter 5:	Fasteners and General Accessories	<i>In process</i>
	Chapter 6:	Feet System	<i>In process</i>

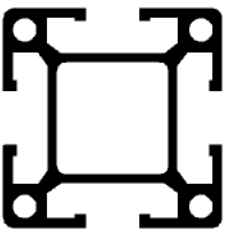
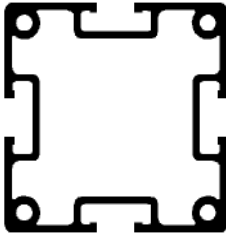


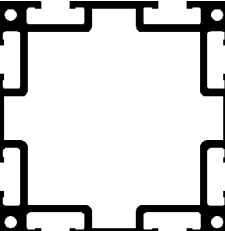
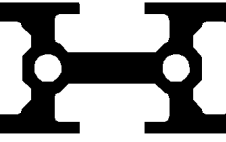

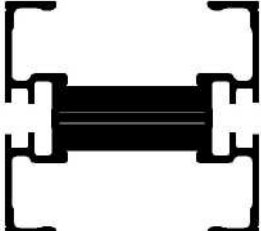





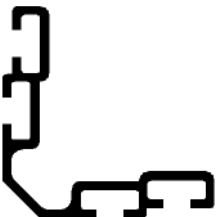

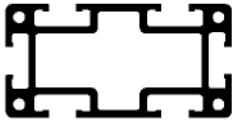
For easy referencing the catalogue was drafted by using the price list as guide line.

CHAPTER 1: ALUMINIUM BEAMS AND OTHER EXTRUSIONS

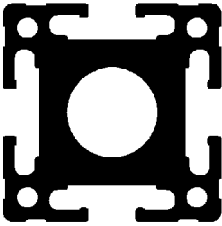


FLEXILINE

INDEX


<p>TB4-M00-00</p>  <p>Hollow Extrusions 44 x 44 Support Beam Pg 1-15</p>	<p>TB5-M00-00</p>  <p>Hollow Extrusions 64 x 64 Support Beam Pg 1-15</p>	<p>TB6-M00-00</p>  <p>Light/Medium Weight Guide Rail Pg 1-17</p>	<p>TB7-M00-00</p>  <p>Raw General Purpose Conveyor L-Support Pg 1-23</p>
<p>TB9-M00-00</p>  <p>Hollow Extrusions 88 x 88 Support Beam Pg 1-15</p>	<p>TB10-M00-00</p>  <p>Light/Medium Weight 22 x 44 Spacer Pg 1-17</p>	<p>TB11-M00-00</p>  <p>Conveyor Side Panel 82.5mm Side Plate Pg 1-9</p>	<p>TB11-M00-01</p>  <p>Conveyor Assembly 82.5mm Assembly Pg 1-9</p>
<p>TB12-M00-00</p>  <p>Raw General Purpose Guide Rail Bracket Pg 1-22</p>	<p>TB13-M00-00</p>  <p>Raw General Purpose 82.5mm Conveyor Bracket Pg 1-22</p>	<p>TB14-M00-00</p>  <p>Raw General Purpose 114mm Conveyor Bracket Pg 1-22</p>	<p>TB15-M00-00</p>  <p>Electric Ducting Bottom Panel Pg 1-11</p>
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Linear Movement
50 x 50 Bearing Block
Pg 1-19

TB23-M00-00




Conveyor Side Panel
114mm Side Plate
Pg 1-9

TB23-M00-01



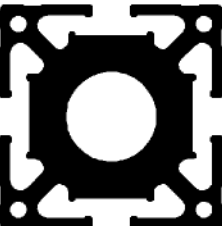
Conveyor Assembly
114mm Assembly
Pg 1-9

TB27-M00-00




Raw General Purpose
114mm Conveyor
Bracket
Pg 1-23

TB28-M00-00



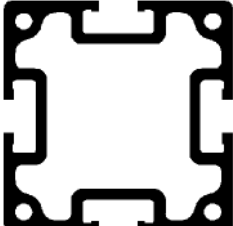
Linear Movement
64 x 64 Bearing Block
Pg 1-19

TB30-M00-00



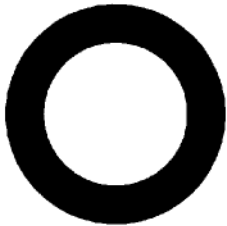
Raw Hollow Angle
64 x 64 Support Angle
Pg 1-24

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Heavy Duty
64 x 64 Support Beam
Pg 1-13

TB33-M00-00




Raw Hollow Extrusion
70 x 12 Round Tubing
Pg 1-24

TB34-M00-00




Raw Angle Extrusion
38 x 38 x 6 Angle
Pg 1-21

TB35-M00-00



Raw Angle Extrusion
51 x 51 x 6 Angle
Pg 1-21

TB36-M00-00




Raw Solid Extrusion
12 x 6 Flat Bar
Pg 1-25

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Light/Medium Weight
Window Profile
Pg 1-17

TB38-M00-00



Raw Angle Extrusion
76 x 76 x 6 Angle
Pg 1-21

TB39-M00-00



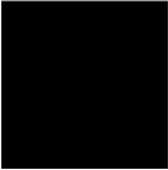
Aluminium Chain Link
Chain Link
Pg 1-7

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Aluminium Chain Link
Flighted Chain Link
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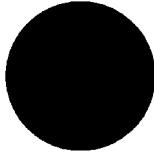
Raw Solid Extrusion
25 x 25 Square Bar
Pg 1-25

TB42-M00-00




Raw Solid Extrusion
32 x 32 Square Bar
Pg 1-25

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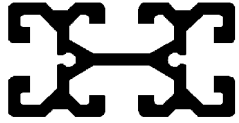
Raw Solid Extrusion
19mm Round Bar
Pg 1-25

TB44-M00-00



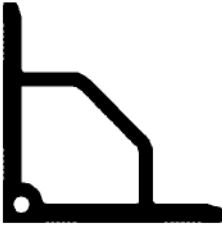
Raw Solid Extrusion
20 x 20 Square Bar
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Heavy Duty
60 x Support Beam
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Raw Hollow Angle
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Wedge Conveyor
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Linear Movement
Linear Movement
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Linear Movement
Linear Movement
Assembly Pg 1-19

ACCESSORIES



End Caps
Pg 1-27 to Pg 1-29

ACCESSORIES



Special End Caps
Pg 1-27 to Pg 1-29

ACCESSORIES



Trim Strips
Pg 1-27 to Pg 1-29

ACCESSORIES



Window Channelling
Pg 1-27 to Pg 1-29

AIRVEYOR

Typical uses:

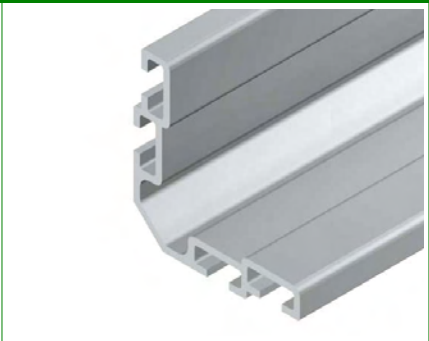
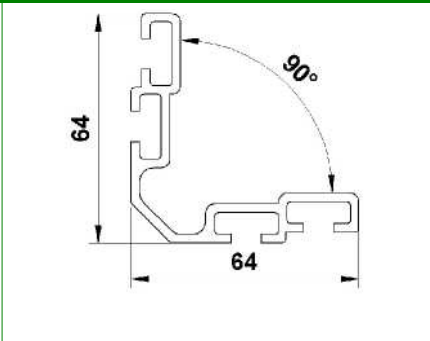
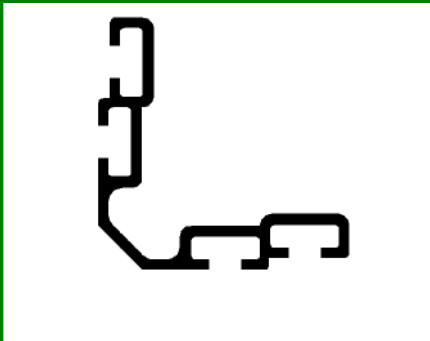
- The airveyor has been designed to convey unstable empty bottles with the same neck diameters.
- These bottles are transported with high speeds from one point to another (eg. The injection blow moulding machines to the rinser or filler).
- Side and corner profiles make up the airveyor section with the bottom panel acting as a louvre section or channeling air thrust.
- **Technical data:** Material: Aluminium Alloy – 6063 and Treatment: Anodised natural 15 micron.



AIRVEYOR

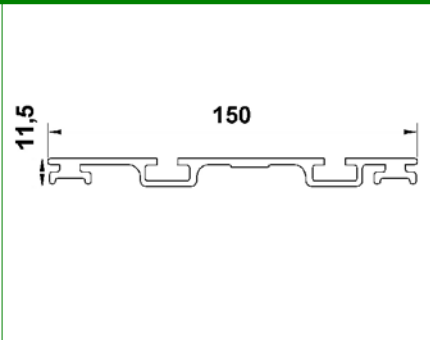
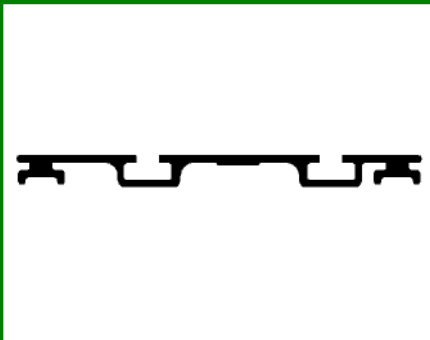
AIRVEYOR CORNER SECTION

TB17-M00-00



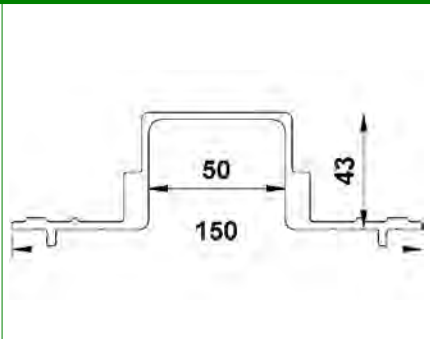
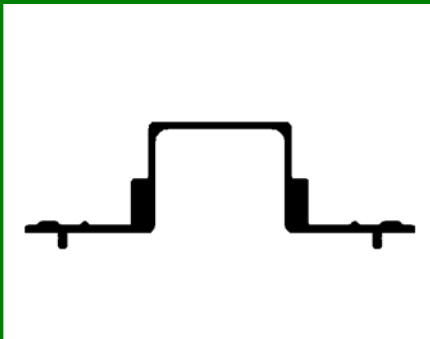
AIRVEYOR SIDE PLATE

TB18-M00-00



AIRVEYOR BOTTOM PANEL

TB50-M00-00



All relevant accessories (fans, anti-static units, guide rail etc.) are available on request


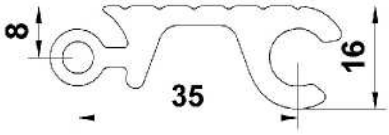

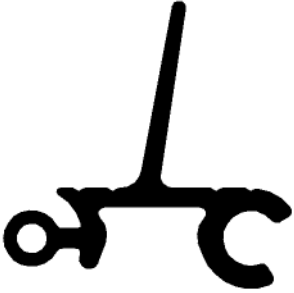
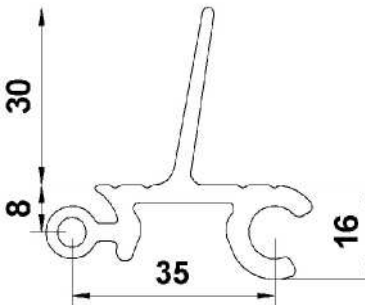

ALUMINIUM CHAIN LINK

Typical uses:

- Slow moving conveyors.
- Ideal for temperature higher than 100°C or lower than -10°C.
- Typically used beneath the blow moulding machines for the conveying of top and tails.
- Machine tuners standing on the top of the belt to perform settings.
- **Technical data:** Material: Aluminium Alloy – 6063 and Treatment: Anodised natural 15 micron.



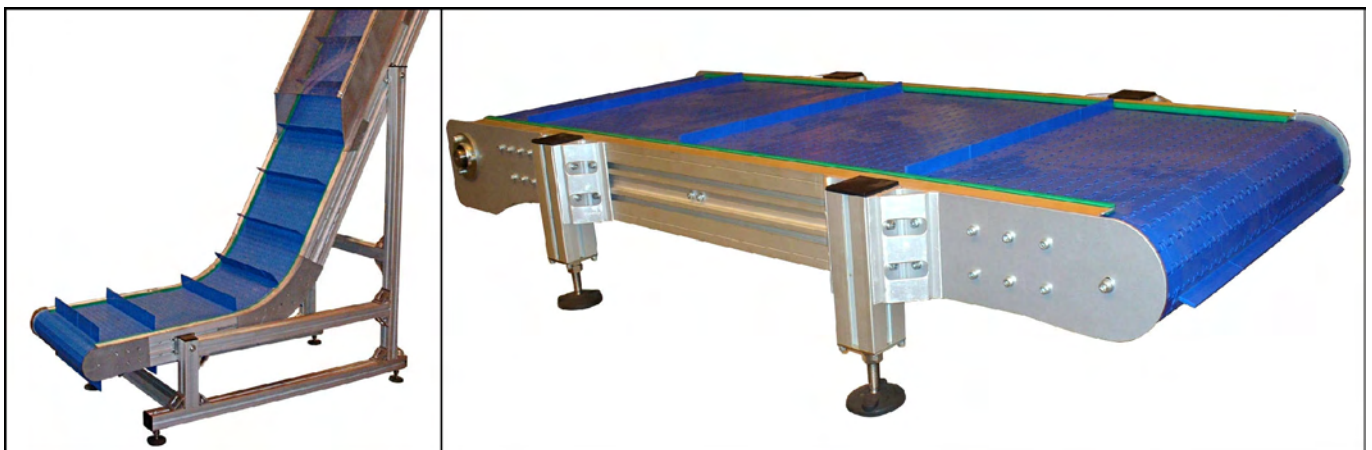
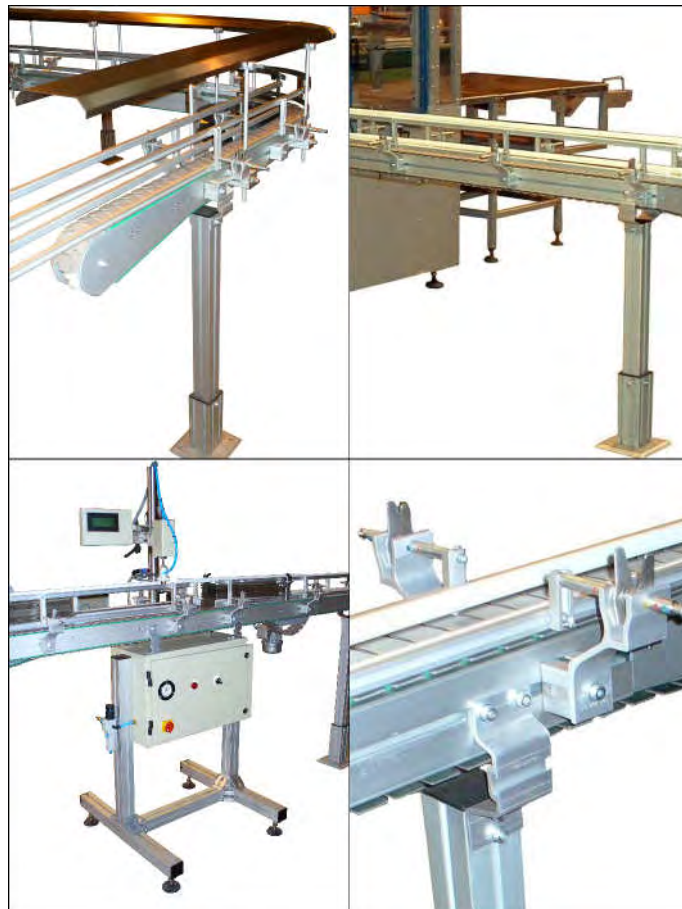
ALUMINIUM CHAIN LINK

CHAIN LINK			
TB39-M00-00			
FLIGHTED CHAIN LINK			
TB40-M00-00			

CONVEYOR SIDE PANELS AND ASSEMBLIES

Typical uses:

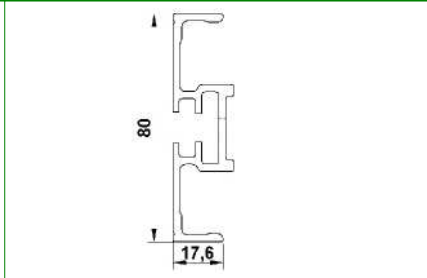
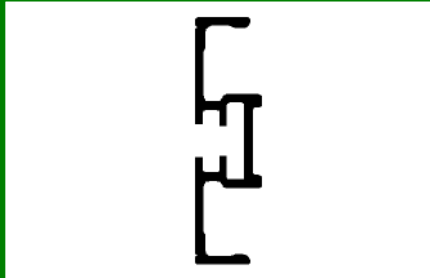
- These profiles are generally used for conveyors, but it can be used for general engineering for example using the conveyor side plates for the sides of a accumulation table.
- All conveyor bends are manufactured by using conveyor side plates.
- Please refer to chapter 3 of the catalogue for more conveyor spares.
- **Technical data:** Material: Aluminium Alloy – 6063 and Treatment: Anodised natural 15 micron.



CONVEYOR SIDE PANELS AND ASSEMBLIES

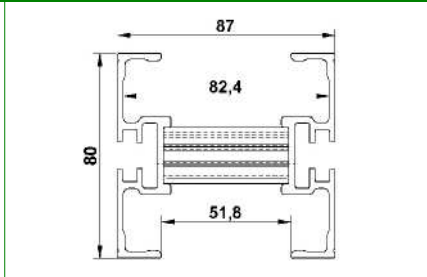
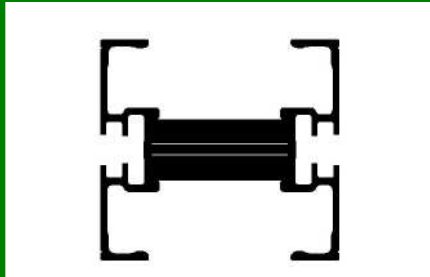
82.5MM CONVEYOR SIDE PLATE

TB11-M00-00



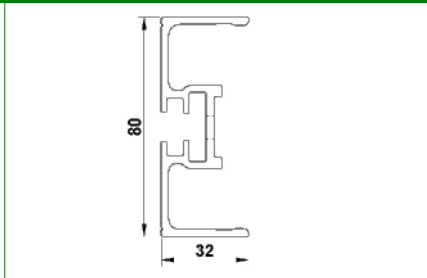
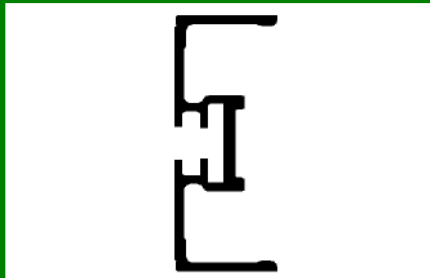
82.5MM CONVEYOR ASSEMBLY

TB11-M00-01



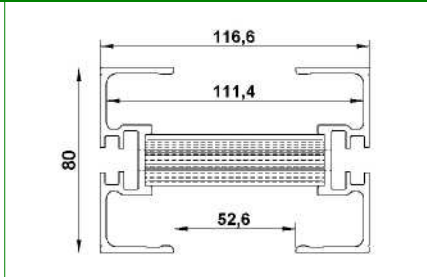
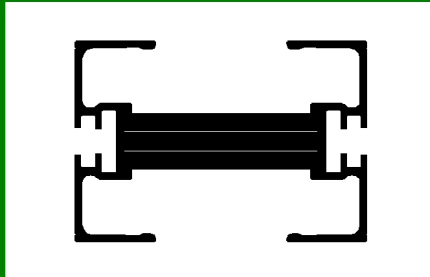
114MM CONVEYOR SIDE PLATE

TB23-M00-00



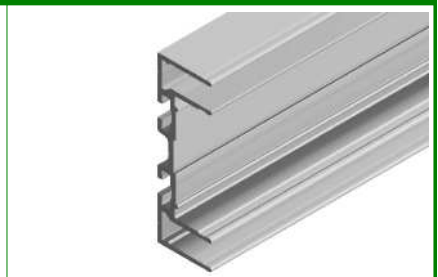
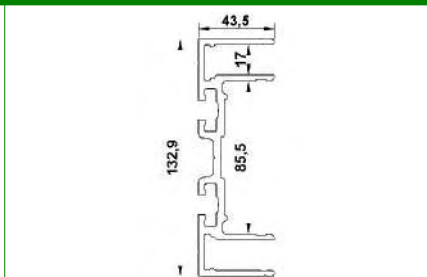
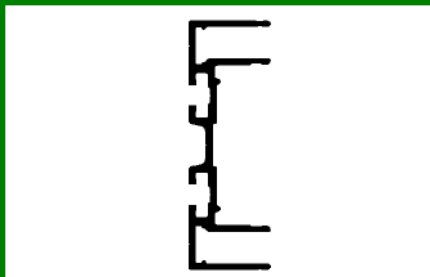
114MM CONVEYOR ASSEMBLY

TB23-M00-01



WASTE CONVEYOR SIDE PLATE

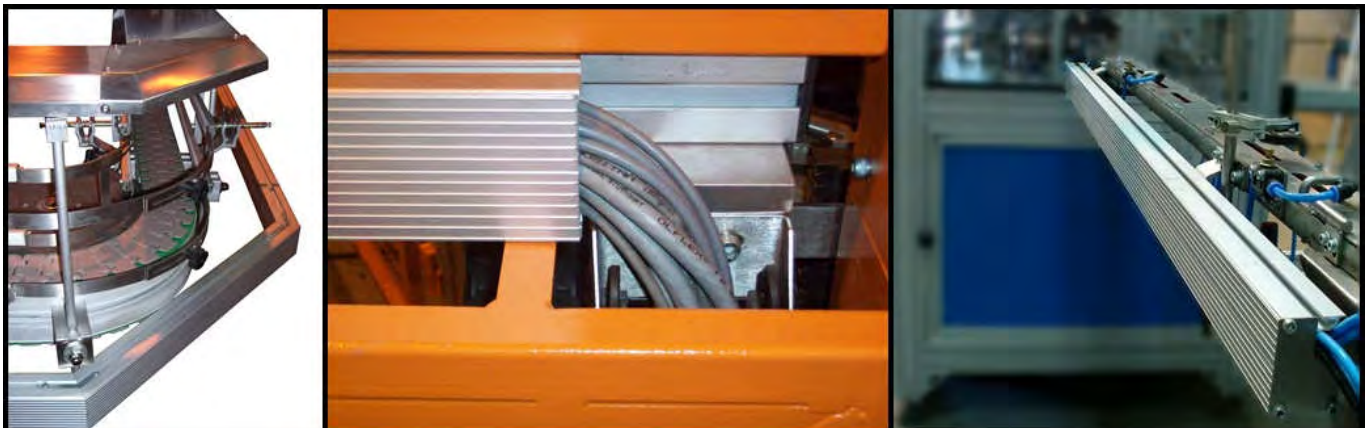
TB51-M00-00



ELECTRIC DUCTING

Typical uses:

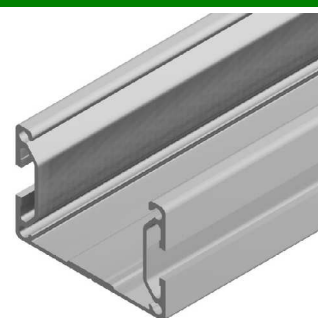
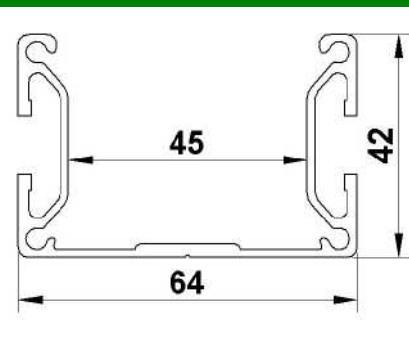
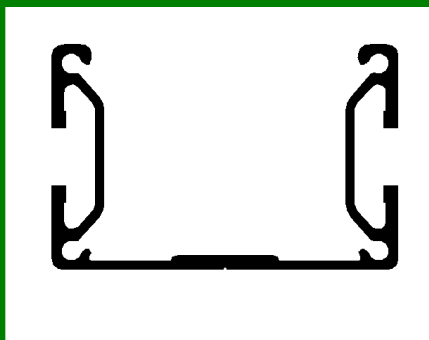
- This unique and versatile aluminium ducting channel with a slide/clip-on lid can be used for industrial commercial and domestic applications to stow away unsightly electrical wiring, cabling, pneumatic piping, telephone cords, control wiring etc.
- A screw-on end cap is available.
- The ducting is strong, deep and safe.
- The slide/clip-on lid fits quick, tight and neatly on the channel.
- Ducting can be easily accessed for maintenance.
- The channel with lid can be attached to a variety of other FlexiLine profiles for various applications.
- **Technical data:** Material: Aluminium Alloy – 6063 and Treatment: Anodised natural 15 micron.



ELECTRIC DUCTING

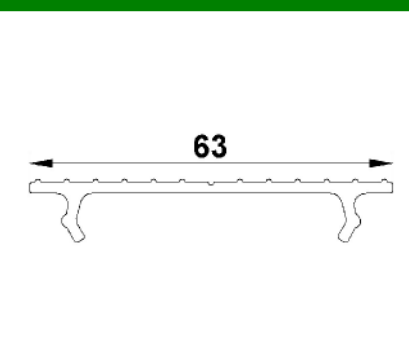
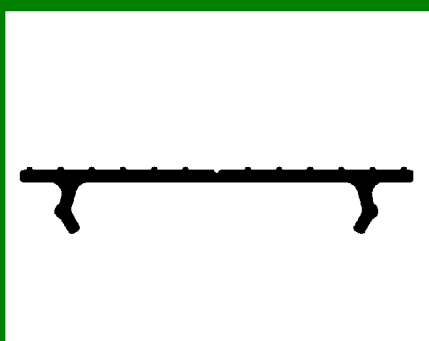
ELECTRIC DUCTING BOTTOM PANEL

TB15-M00-00



ELECTRIC DUCTING LID PANEL

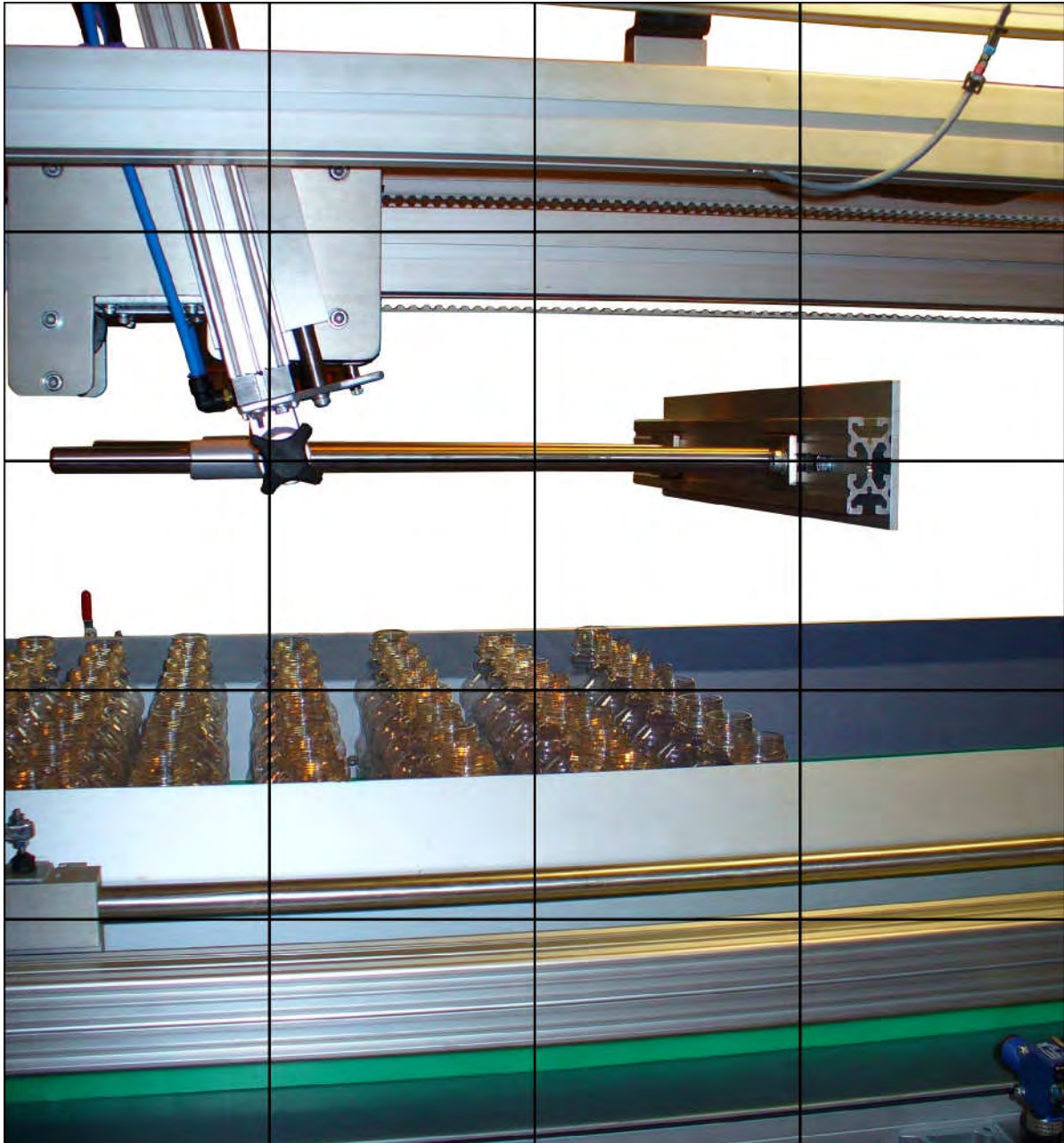
TB16-M00-00



HEAVY DUTY CONSTRUCTION PROFILES

Typical uses:

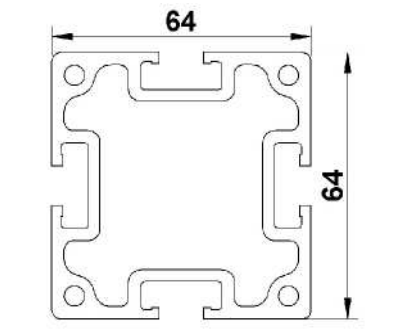
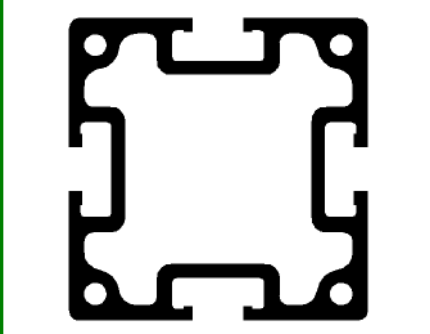
- These construction profiles are for those times that you need something stronger.
- Can easily be used with all FlexiLine products.
- **Technical data:** Material: Aluminium Alloy – 6063 and Treatment: Anodised natural 15 micron.



HEAVY DUTY CONSTRUCTION PROFILES

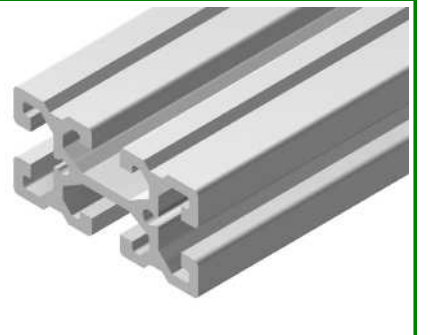
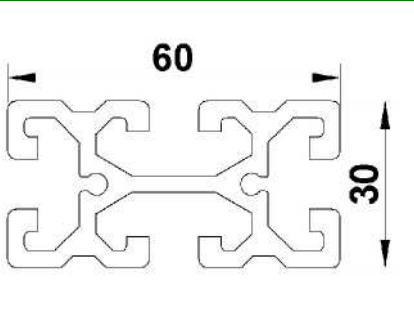
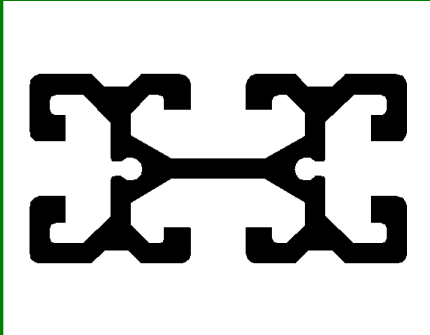
64 X 64 HEAVY DUTY SUPPORT BEAM

TB32-M00-00



30 X 60 SUPPORT BEAM

TB45-M00-00



HOLLOW EXTRUSIONS

Typical uses:

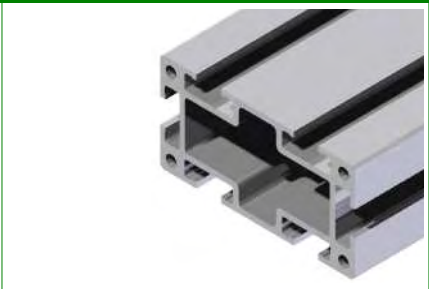
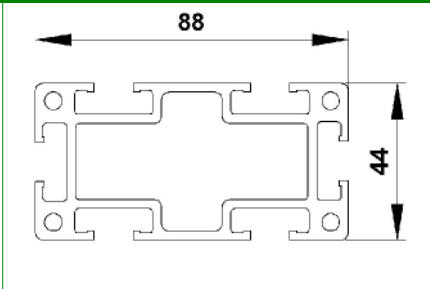
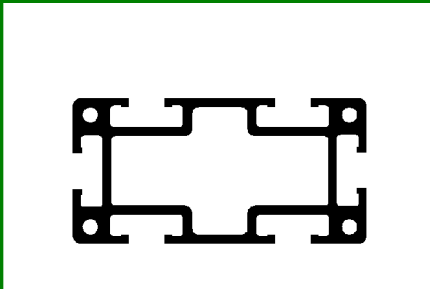
- The hollow extrusions are the most versatile profile range and can be used for anything from complex machines to basic frames.
- The clever design of the profiles enable you to slide the TB4-M00-00 into the TB5-M00-00 and the TB5-M00-00 into the TB9-M00-00 to create a telescopic effect for height adjustability or extra strength.
- The design of the profiles allow you to easily use different sizes profiles in one project for example using the TB4-M00-00, TB9-M00-00 and TB20-M00-00 together.
- No welding is required and constructions are easily assembled with our bracket range which is fastened with the help of square nuts, washers and cap screws. (Please refer to relevant chapters in the catalogue.)
- **Technical data:** Material: Aluminium Alloy – 6063 and Treatment: Anodised natural 15 micron.



HOLLOW EXTRUSIONS

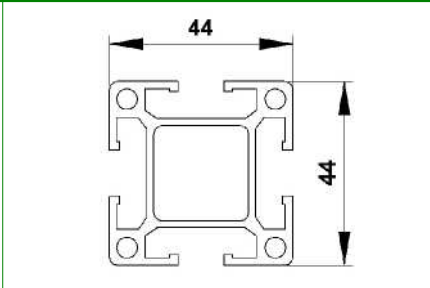
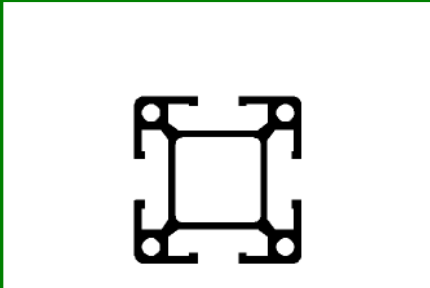
44 X 88 SUPPORT BEAM

TB20-M00-00



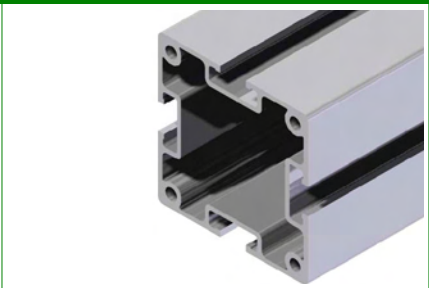
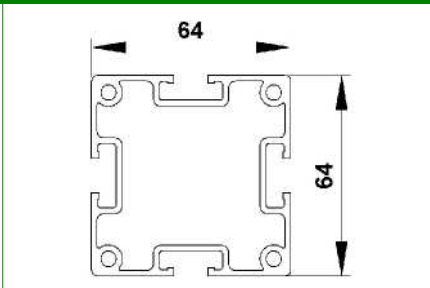
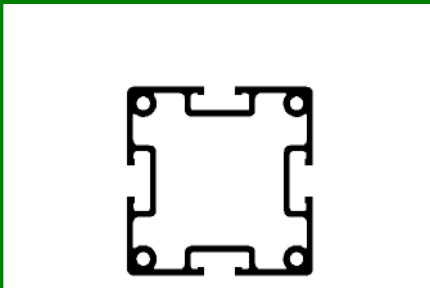
44 X 44 SUPPORT BEAM

TB4-M00-00



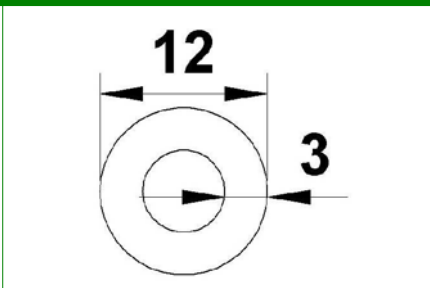
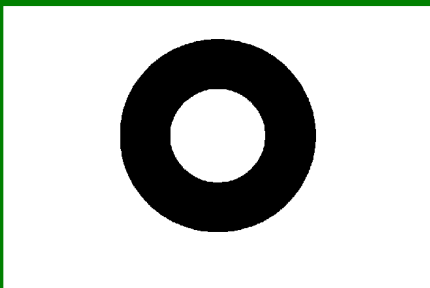
64 X 64 SUPPORT BEAM

TB5-M00-00



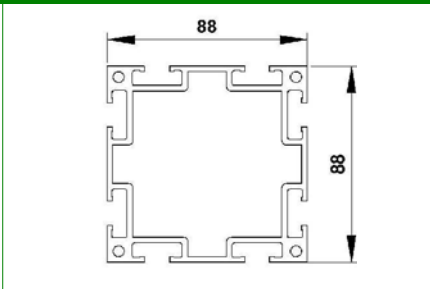
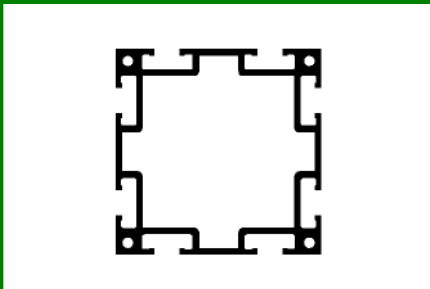
12 X 3 ROUND TUBING

TB63-M00-00



88 X 88 SUPPORT BEAM

TB9-M00-00



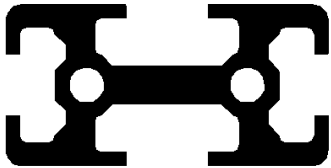
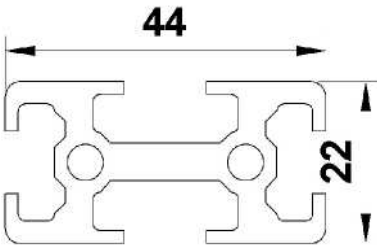
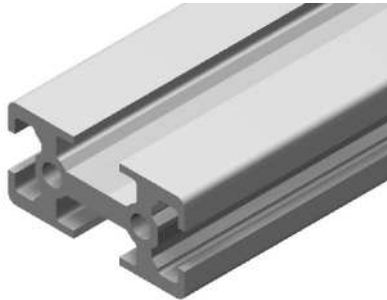
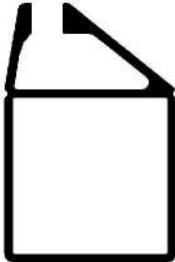
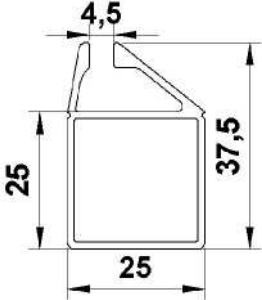
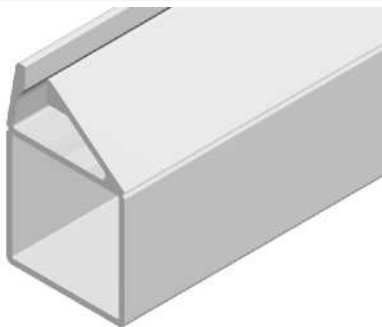

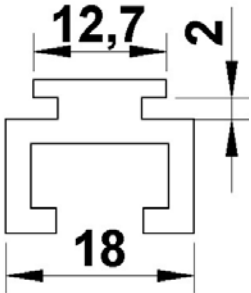
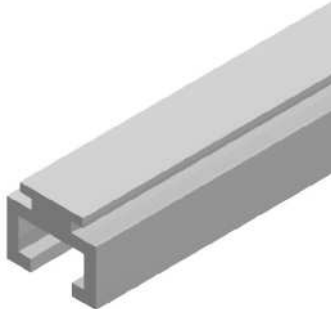
LIGHT AND MEDIUM WEIGHT CONSTRUCTION PROFILES

Typical uses:

- TB10-M00-00:** This profile is generally used for doors or windows on machines or frames. It is also used for spacing purposes a good example is the spacer on the guide rail brackets and the spacers used in the conveyor assemblies.
- TB37-M00-00:** This profile is used for doors or windows on machines or frames. The window pane is securely fixed between the lips of the profile. The connectors that can be used in conjunction with this profile was not included in the catalogue and you can contact your Sales Engineer for more information.
- TB6-M00-00:** This profile is generally used for guide rails on on conveyor to prevent the products from falling off the conveyor.
- Technical data:** Material: Aluminium Alloy – 6063 and Treatment: Anodised natural 15 micron.



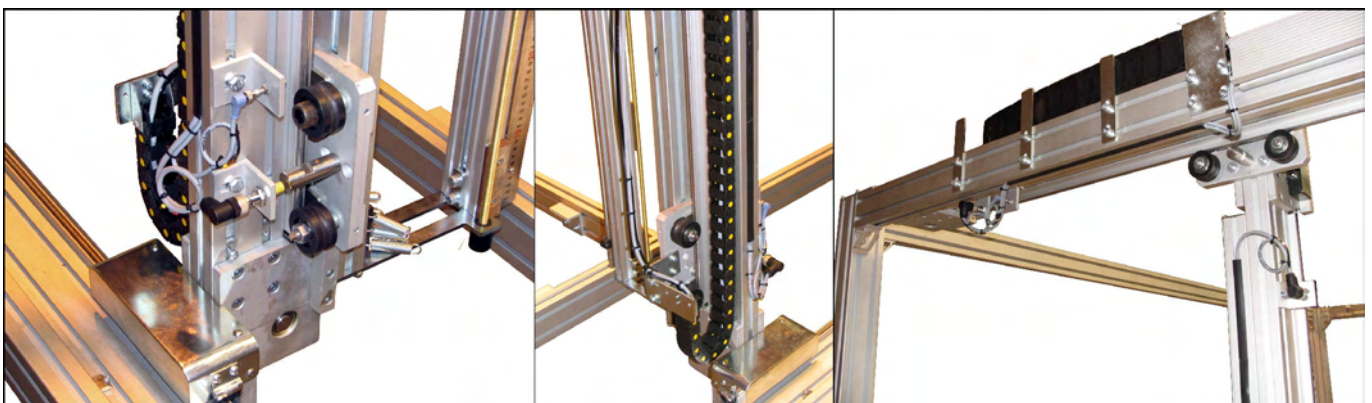
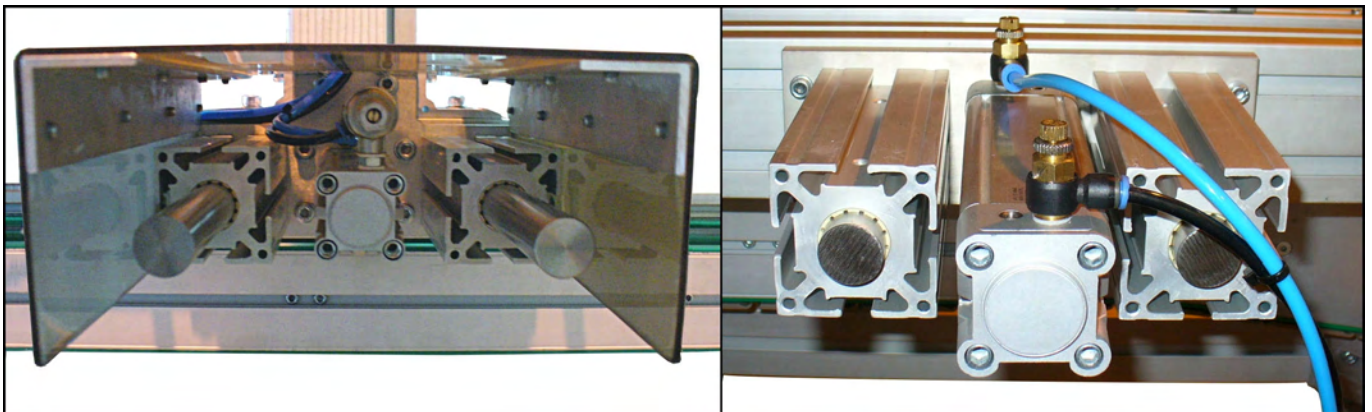
LIGHT AND MEDIUM WEIGHT CONSTRUCTION PROFILES

22 X 44 SPACER			
TB10-M00-00			
WINDOW PROFILE			
TB37-M00-00			
GUIDE RAIL			
TB6-M00-00			

LINEAR MOVEMENT

Typical uses:

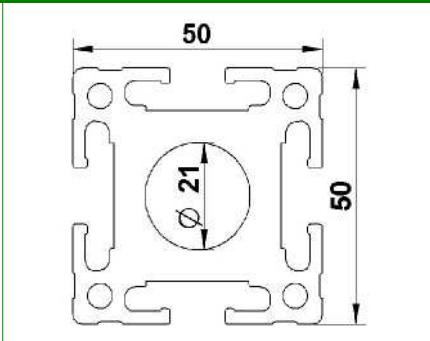
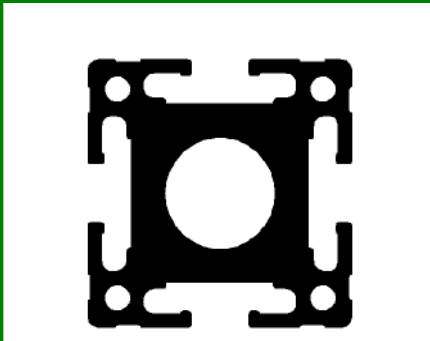
- **NEED DESCRIPTION**
- **Technical data:** Material: Aluminium Alloy – 6063 and Treatment: Anodised natural 15 micron.



LINEAR MOVEMENT

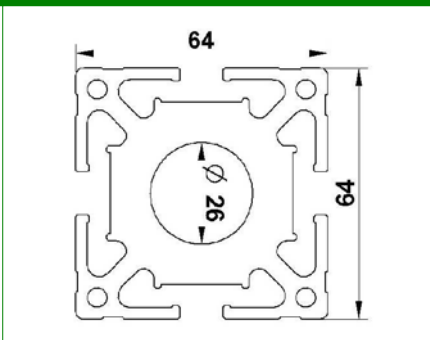
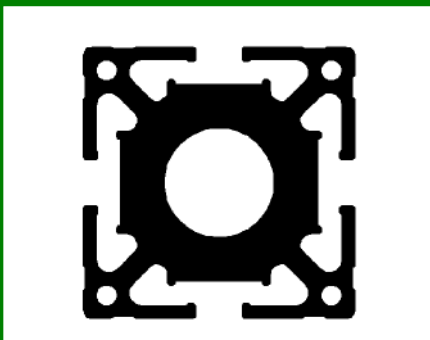
50 X 50 BEARING BLOCK

TB22-M00-00



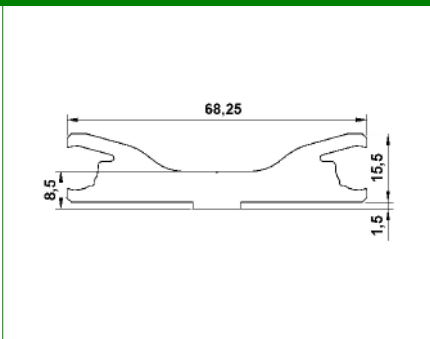
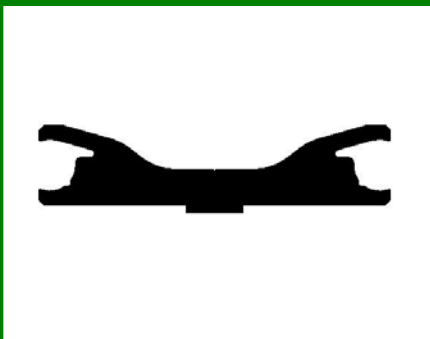
64 X 64 BEARING BLOCK

TB28-M00-00



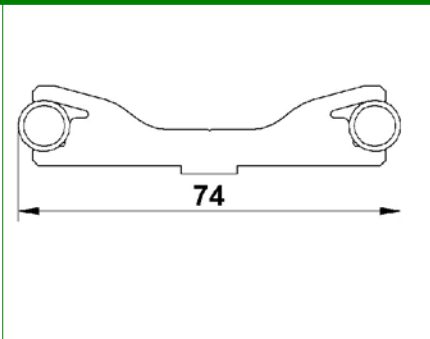
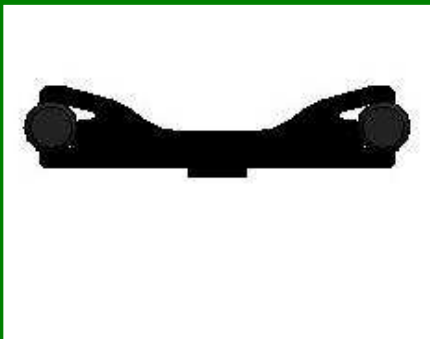
LINEAR MOVEMENT PROFILE

TB64-M00-00



LINEAR MOVEMENT PROFILE ASSEMBLY

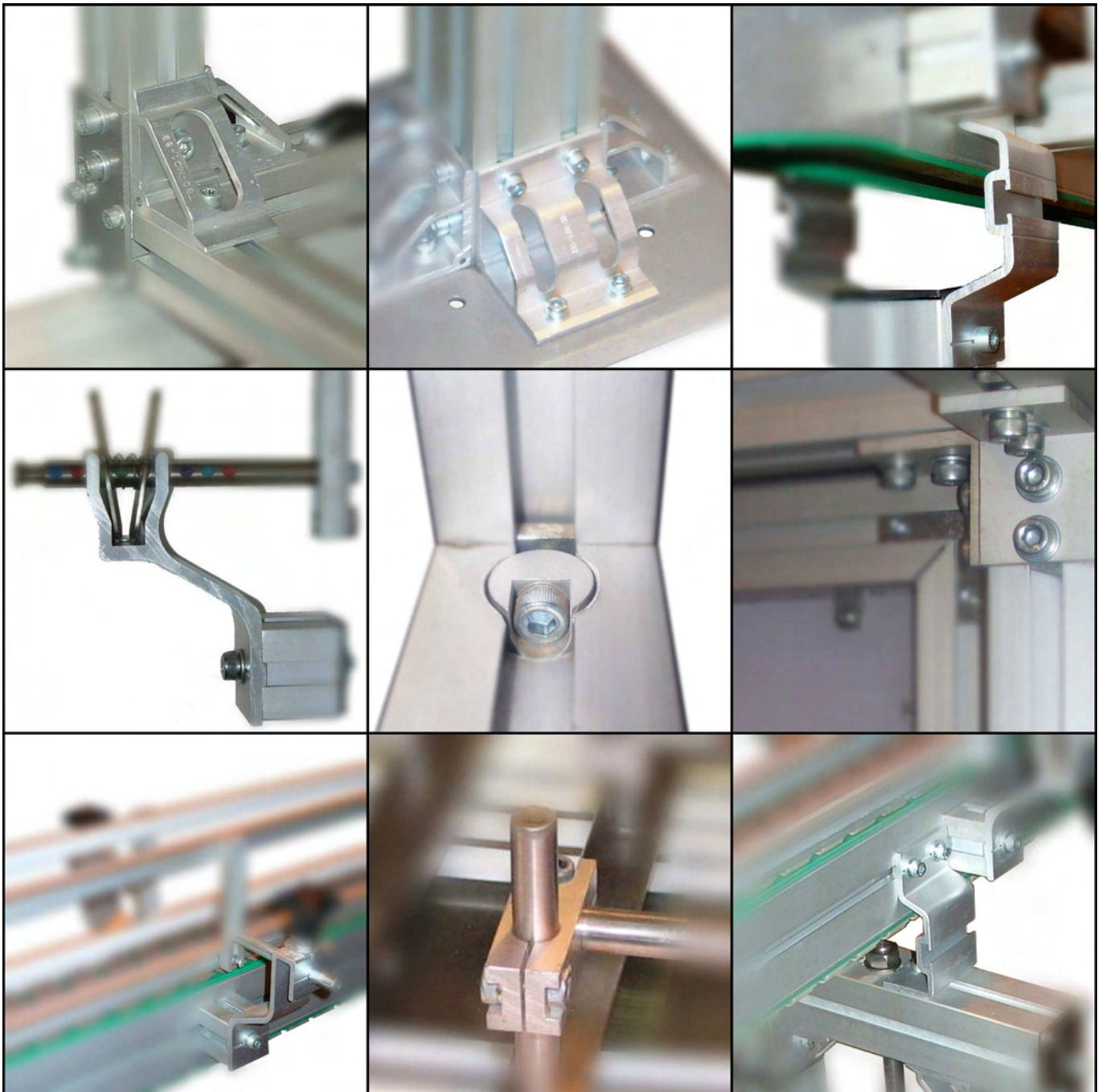
TB64-M00-01



RAW MATERIAL PROFILES


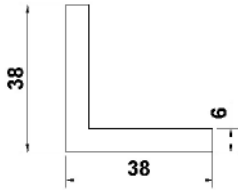
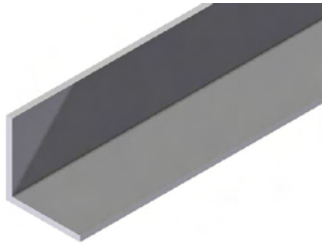

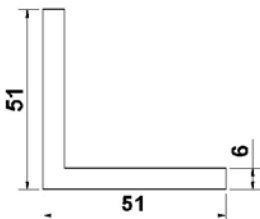
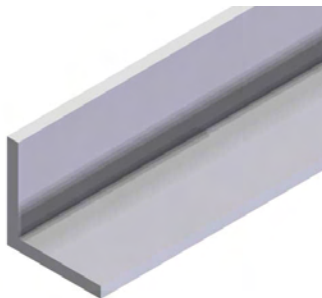

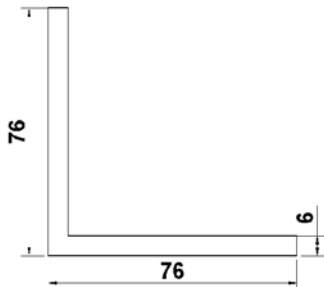

Typical uses:

- These profiles are generally used to manufacture brackets and other accessories.
- Can be used for any general engineering.
- **Technical data:** Material: Aluminium Alloy – 6063 and the profiles are not treated.



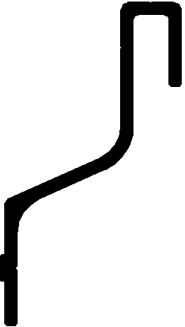
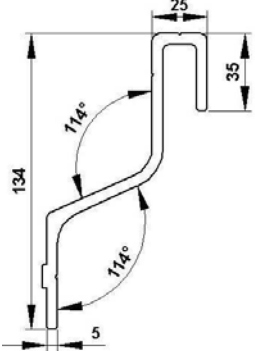
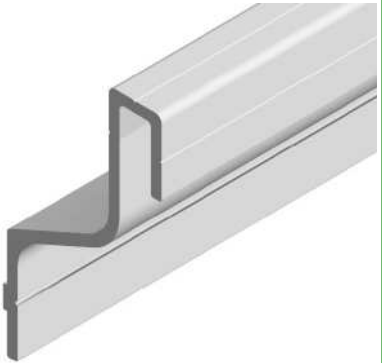

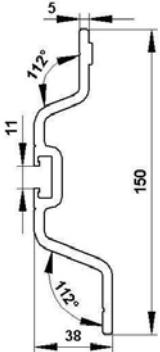
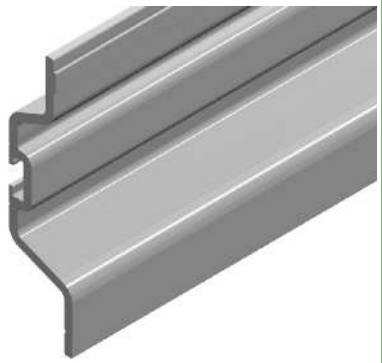

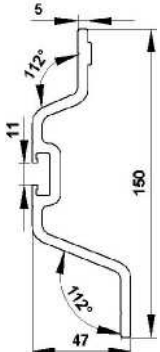
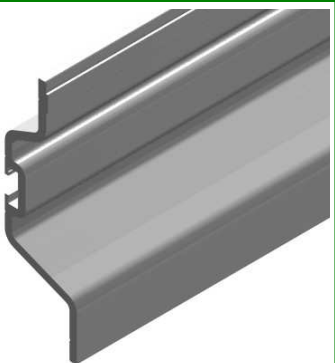
RAW MATERIAL PROFILES

Angle Extrusions

38 X 38 X 6 ANGLE			
TB34-M00-00			
51 X 51 X 6 ANGLE			
TB35-M00-00			
76 X 76 X 6 ANGLE			
TB38-M00-00			

RAW MATERIAL PROFILES

General Purpose Extrusions

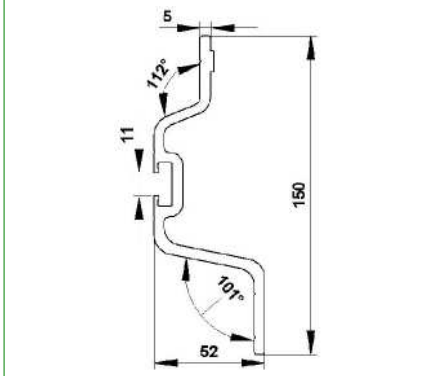
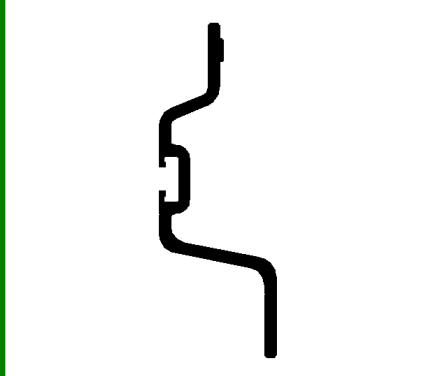
GUIDE RAIL BRACKET			
TB12-M00-00			
82.5MM CONVEYOR BRACKET			
TB13-M00-00			
114MM CONVEYOR BRACKET			
TB14-M00-00			

RAW MATERIAL PROFILES

General Purpose Extrusions

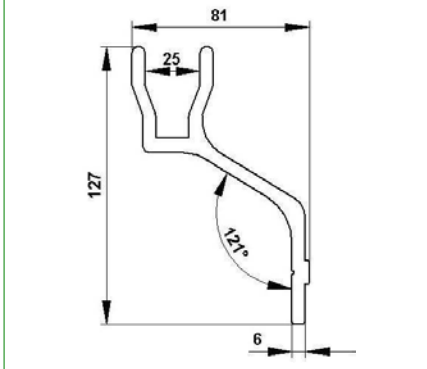
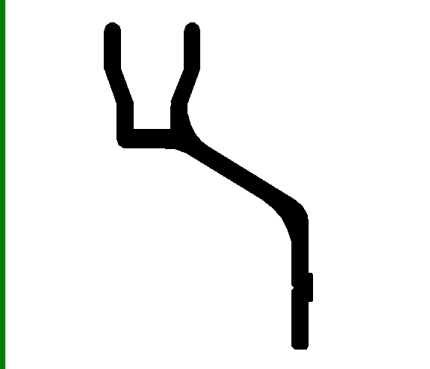
114MM CONVEYOR SUPPORT BRACKET

TB27-M00-00



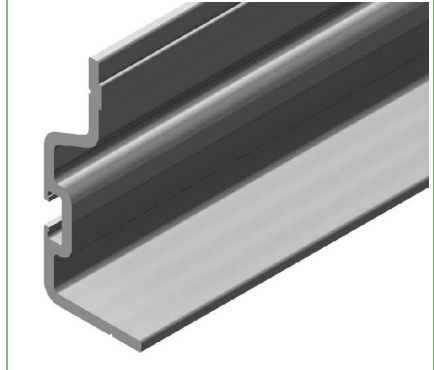
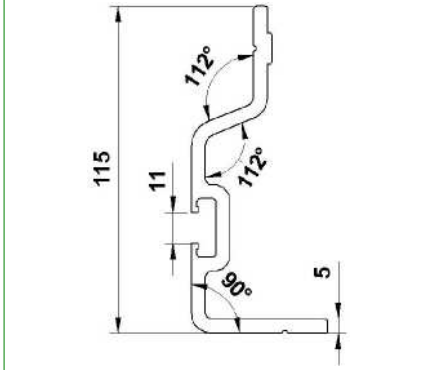
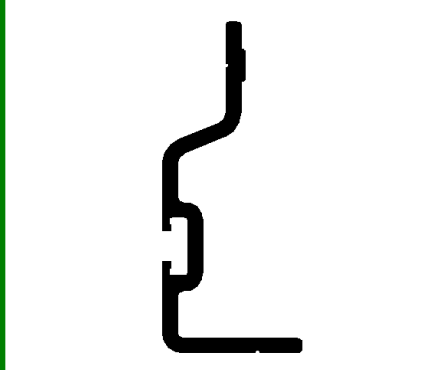
QUICK CHANGE GUIDE RAIL BRACKET

TB52-M00-00



CONVEYOR SUPPORT L-BRACKET

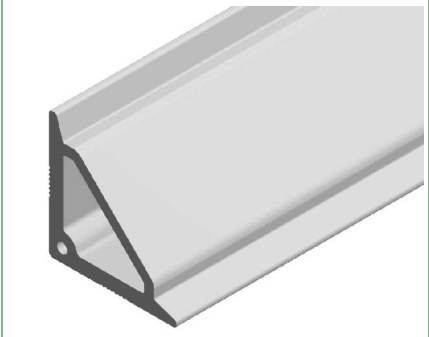
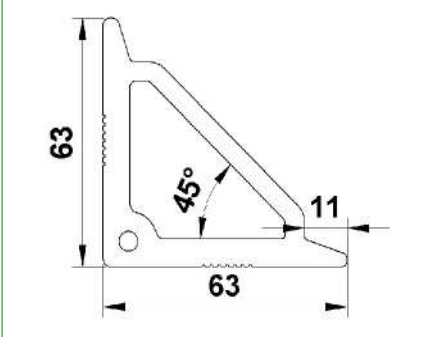
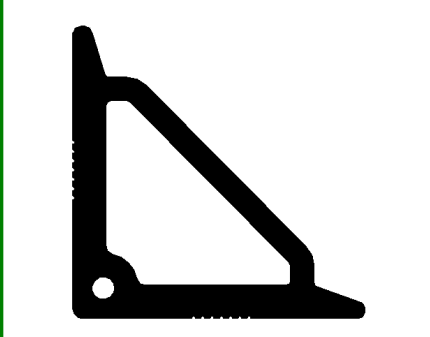
TB7-M00-00



RAW MATERIAL PROFILES HOLLOW ANGLE EXTRUSIONS

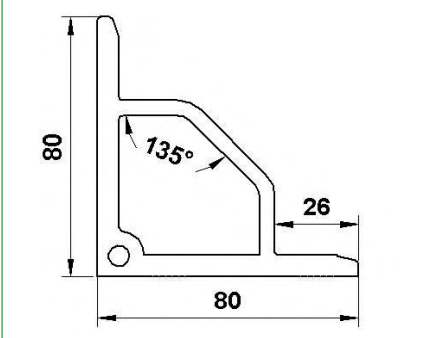
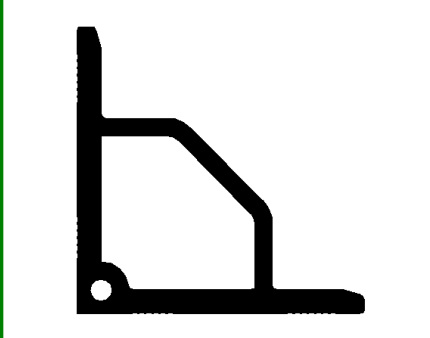
64 X 64 SUPPORT ANGLE

TB30-M00-00



80 X 80 LONG LIP SUPPORT ANGLE

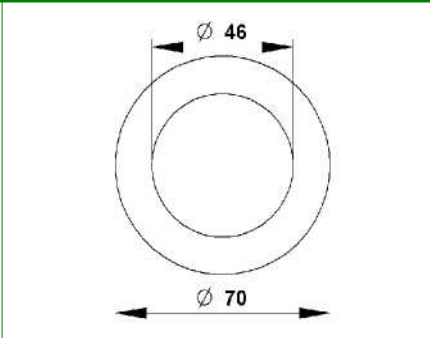
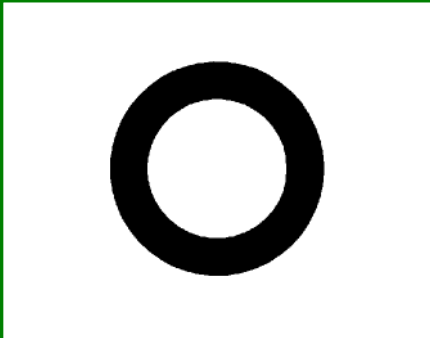
TB48-M00-00




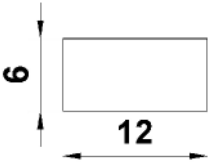


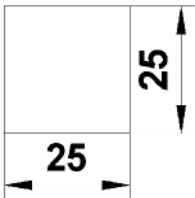
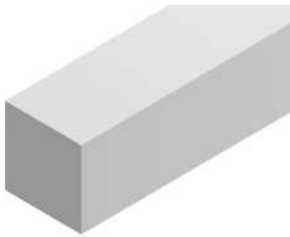
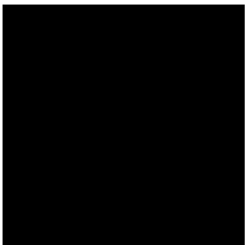
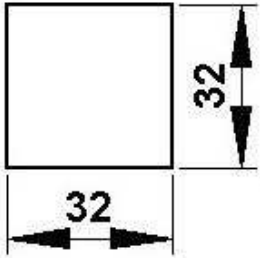
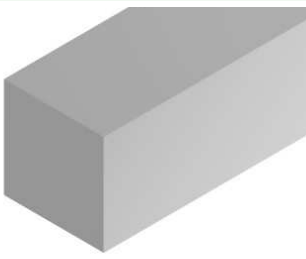
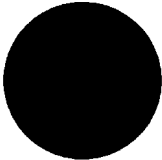
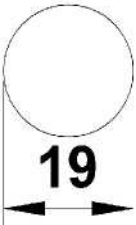
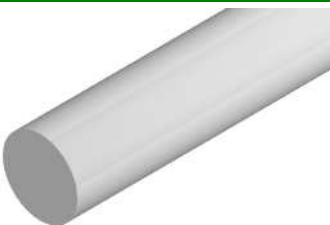

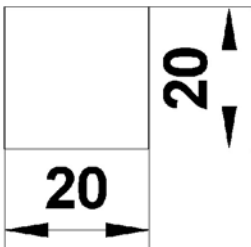
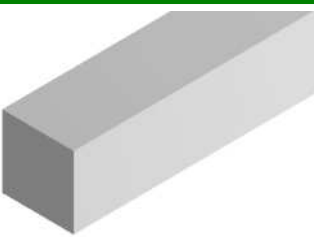
RAW MATERIAL PROFILES HOLLOW EXTRUSIONS

70 X 12 ROUND TUBING

TB33-M00-00



RAW MATERIAL PROFILES SOLID EXTRUSIONS

12 X 6 FLAT BAR			
TB36-M00-00			
25 X 25 SQUARE BAR			
TB41-M00-00			
32 X 32 SQUARE BAR			
TB42-M00-00			
19MM ROUND BAR			
TB43-M00-00			
20 X 20 SQUARE BAR			
TB44-M00-00			

RUBBER EXTRUSION

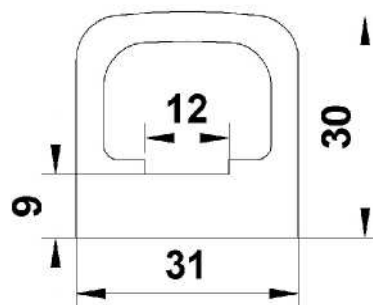
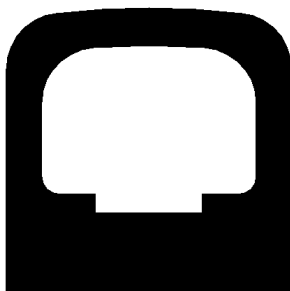
Typical uses:

- The rubber is fastened on tab chain and it is used to elevate plastic bottles with the same neck size from one level to another.
- This options is especially handy when the bottles are unstable and will fall over
- For extra illustration of the use of this rubber a picture was included where the rubber is fastened on tab chain.
- **Technical data:** Material: Silicone Rubber that is extruded in lengths of 10m.



WEDGE CONVEYOR RUBBER

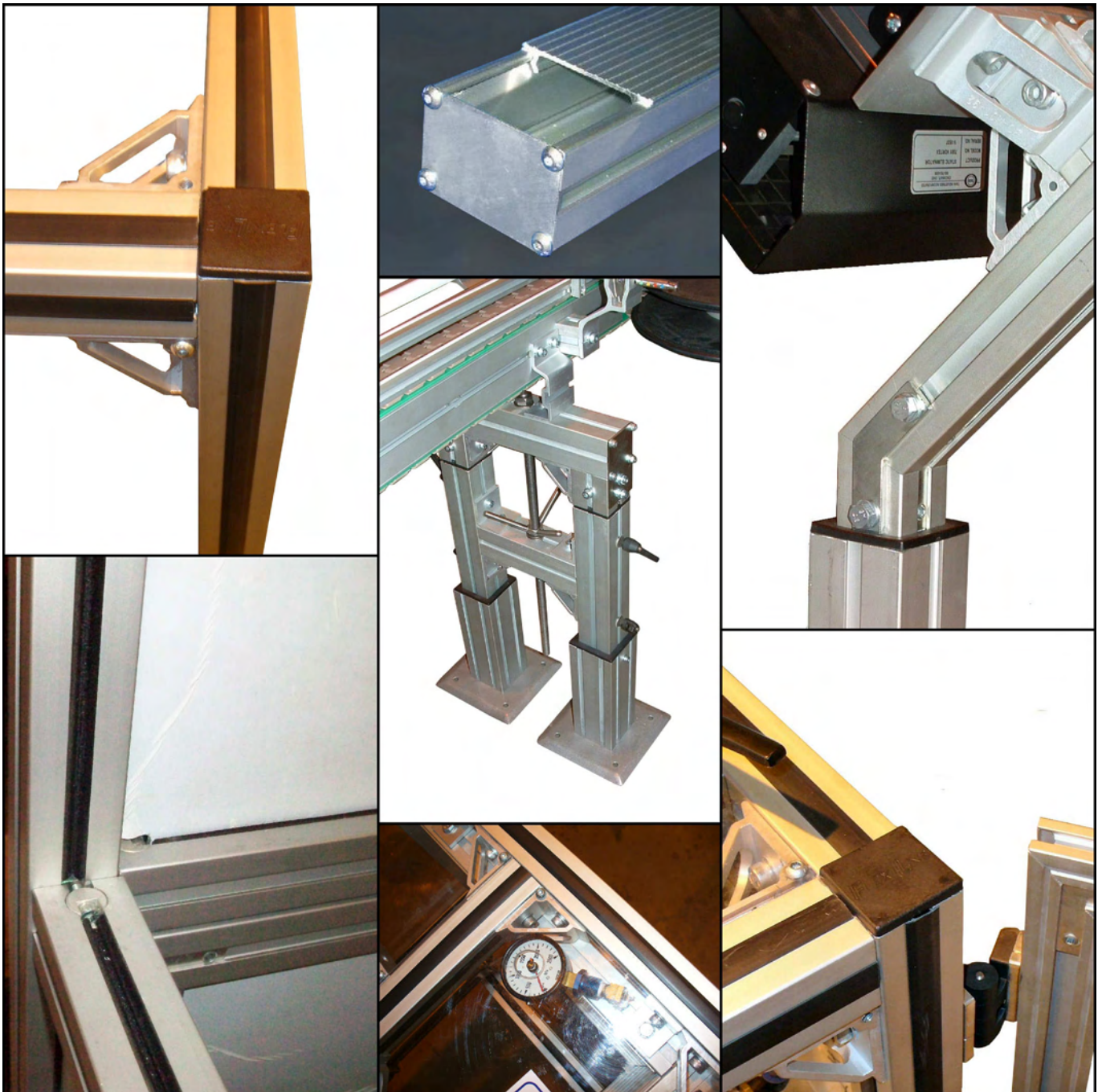
TB49-M00-00



ACCESSORIES

Typical uses:

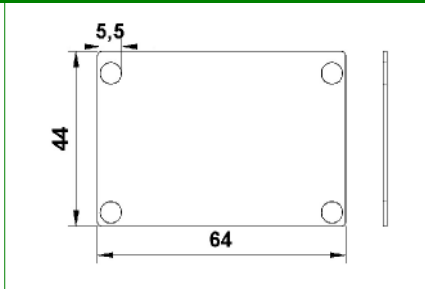
- These accessories were designed to use in conjunction with our profile range.
- The end caps on the hollow extrusions are not just for cosmetic purposes, but also to cover any possible rough edges.



ACCESSORIES

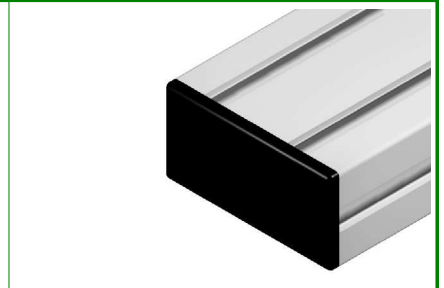
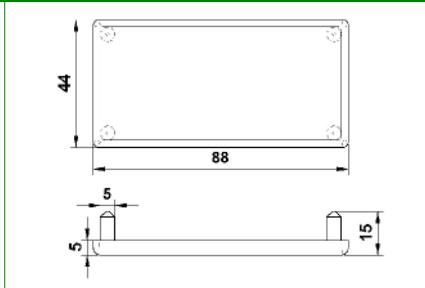
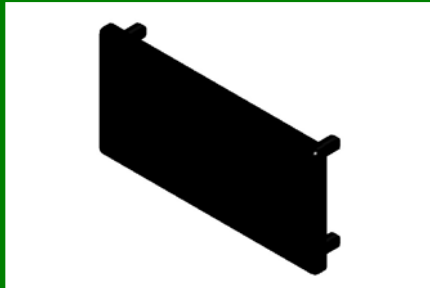
END CAP FOR ELECTRICAL DUCTING

TB15-M00-02



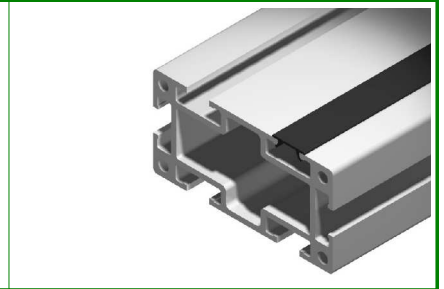
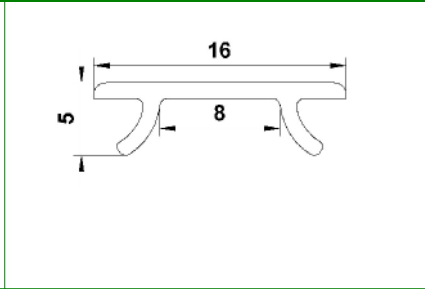
END CAP FOR 88 X 44 PROFILE

TB20-M00-01



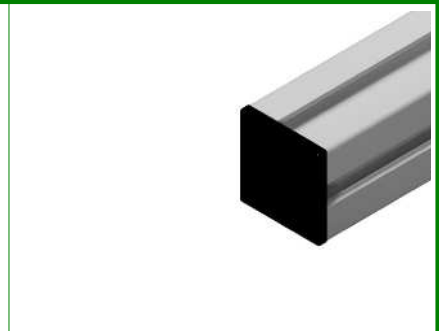
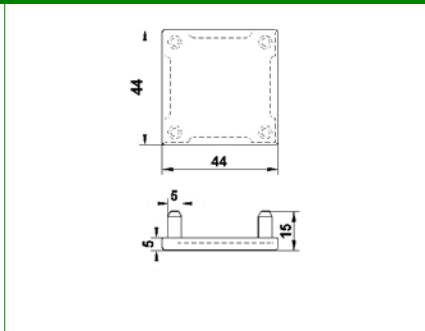
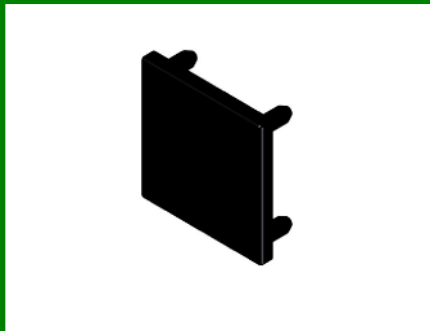
TRIM STRIPS FOR ALUMINIUM HALLOW EXTRUSIONS (BLACK)

TB21-M00-00



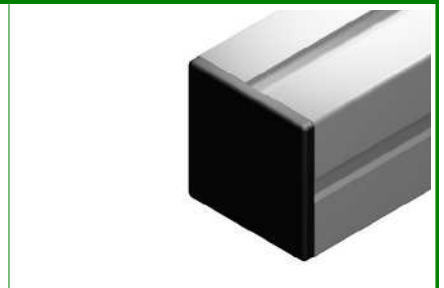
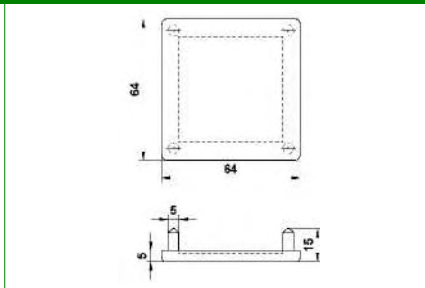
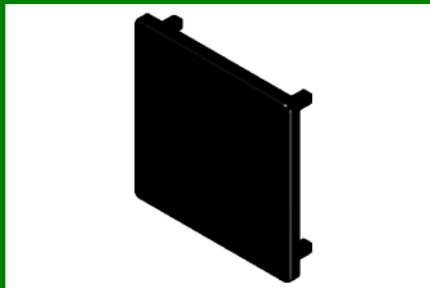
END CAP FOR 44 X 44 PROFILE

TB4-M00-01



END CAP FOR 64 X 64 PROFILE

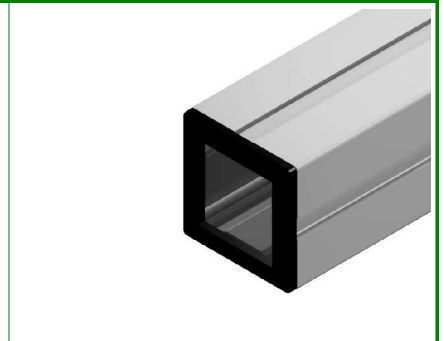
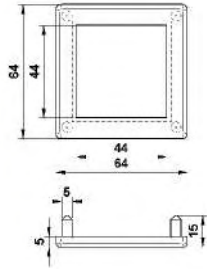
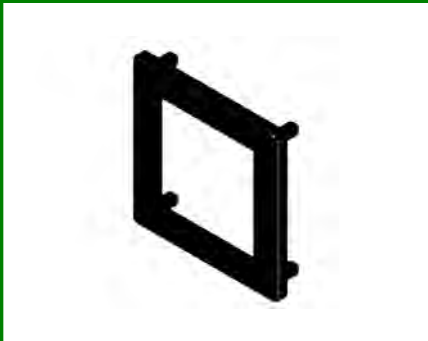
TB5-M00-01



ACCESSORIES

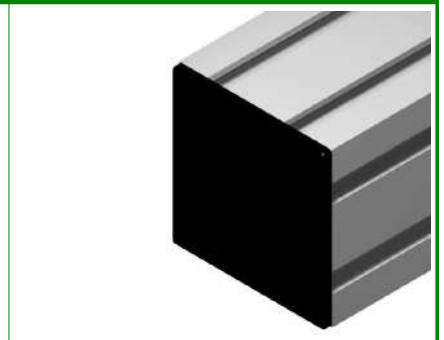
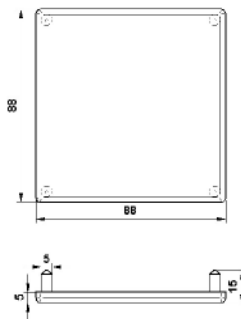
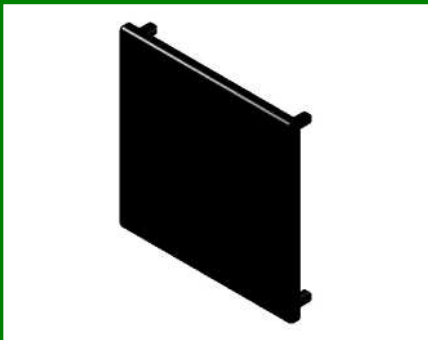
SPECIAL END CAP 64 X 64 FOR TELESCOPIC HEIGHT ADJUSTABILITY

TB5-M00-02



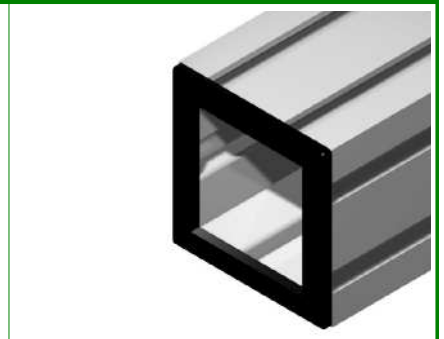
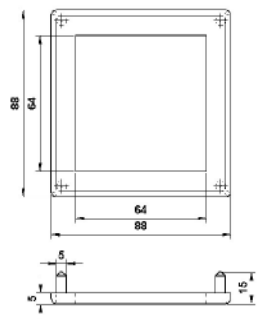
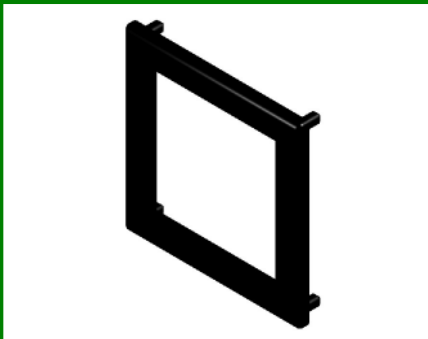
END CAP FOR 88 X 88 PROFILE

TB9-M00-01



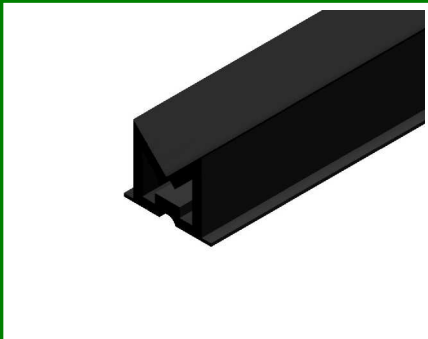
SPECIAL END CAP 88 X 88 FOR TELESCOPIC HEIGHT ADJUSTABILITY

TB9-M00-02



12 MM WINDOW CHANNELLING

TBB-M15-01



Need drawings. New supplier so the design has changed


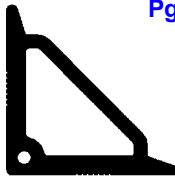
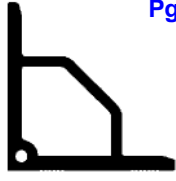


Need drawings. New supplier so the design has changed






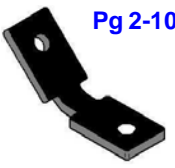
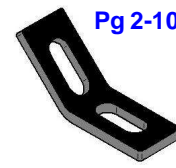
CHAPTER 2: BRACKETS AND CONNECTORS




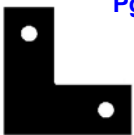







FLEXILINE

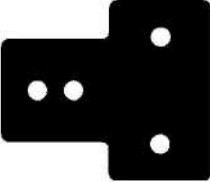

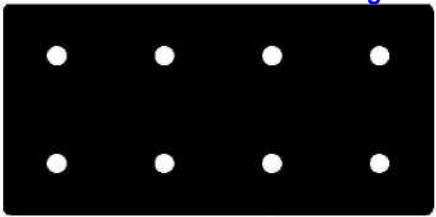
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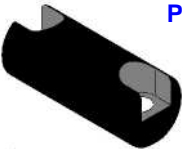



90° Angle Bracket	90° Angle Support Bracket		Conveyor Bracket	
 Pg 2-3	 Pg 2-4	 Pg 2-5	 Pg 2-7	 Pg 2-7

PROFILE JOINT PLATES						
180° Connector			45° Connector			
 Pg 2-9	 Pg 2-9	 Pg 2-9	 Pg 2-10	 Pg 2-10	 Pg 2-10	 Pg 2-10

PROFILE JOINT PLATES				
90° Connector				
 Pg 2-11	 Pg 2-11	 Pg 2-11	 Pg 2-11	 Pg 2-11

PROFILE JOINT PLATES			
Conveyor	Electric Ducting	Guide Rails	
 Pg 2-13	 Pg 2-13	 Pg 2-13	 Pg 2-13

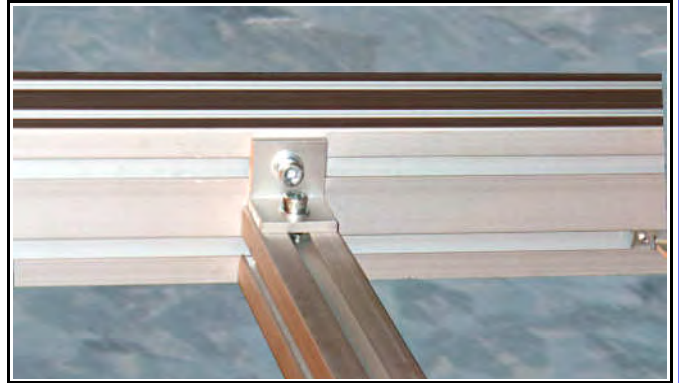
T-Plates		
 Pg 2-15	 Pg 2-15	 Pg 2-15

Tie Bar and Tie Plate	Window Bracket	Short Yoke	
 Pg 2-17	 Pg 2-17	 Pg 2-19	 Pg 2-21

90° BRACKETS

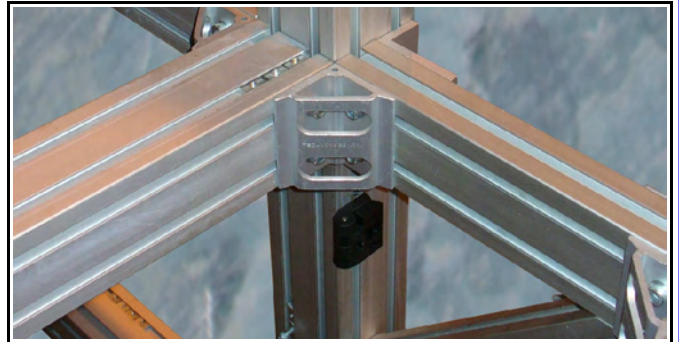
90° ANGLE BRACKETS

These brackets are generally used to join profiles at a 90 degree angle. It is only recommended that the brackets are used for light construction. Refer to angle support brackets for medium to heavy duty construction.



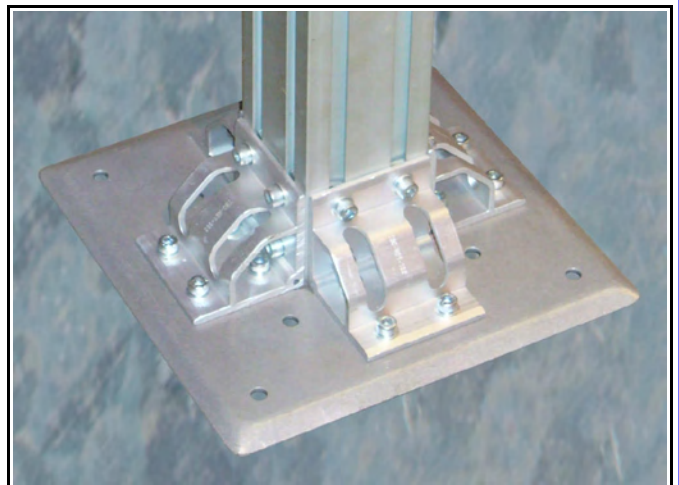
90° ANGLE SUPPORT BRACKETS

These brackets are generally used to join profiles at a 90 degree angle. It is recommended that the brackets are used for medium or light weight constructions.



90° ANGLE SUPPORT BRACKETS – HEAVY DUTY

These brackets are generally used to join profiles at a 90 degree angle. It is only recommended that the brackets are used for any construction, especially heavy duty.


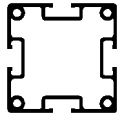
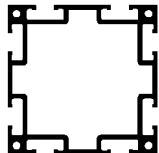
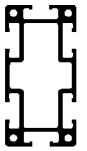
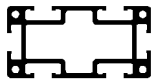
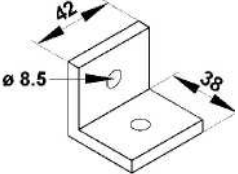
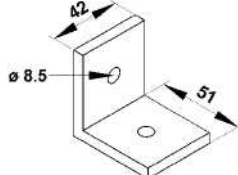
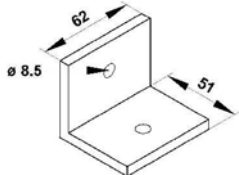
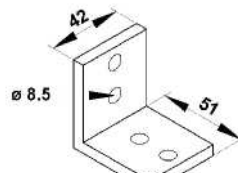
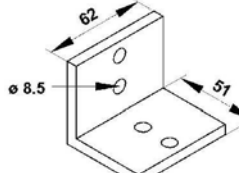
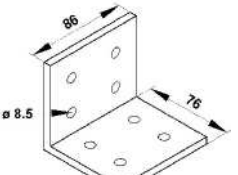


Choosing the correct bracket:

Choose the profiles that you are going to use to build your structure and the 90 degree bracket will be listed underneath the profile.


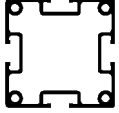
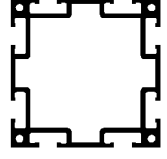
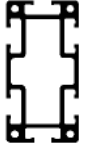
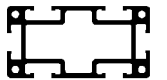
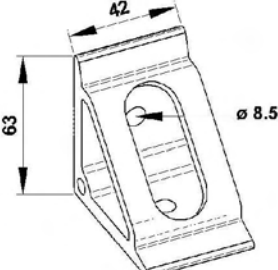
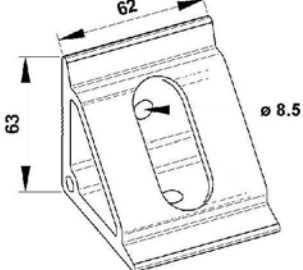
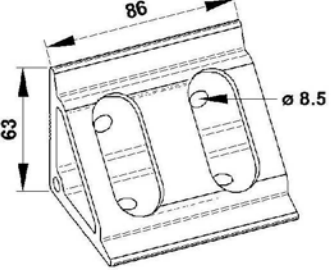
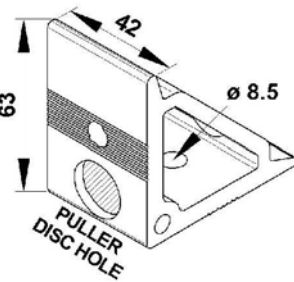
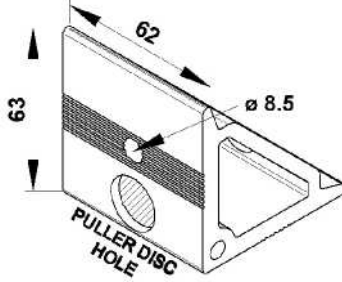
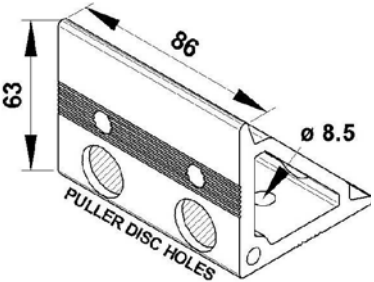
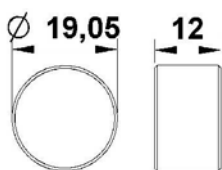
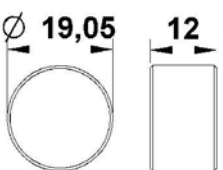
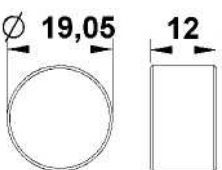
90° ANGLE BRACKETS



STRUCTURE PROFILE	<p>TB4-M00-00</p>  <p>44 X 44</p>	<p>TB5-M00-00</p>  <p>64 X 64</p>	<p>TB9-M00-00</p>  <p>88 X 88</p>
	<p>TB20-M00-00</p>  <p>44 X 88</p>		<p>TB20-M00-00</p>  <p>44 X 88</p>
38 X 38 ANGLE BRACKET	<p>TB0-M01-07</p> 		
51 X 51 ANGLE BRACKET	<p>TB0-M01-08</p> 	<p>TB0-M01-31</p> 	
51 X 51 ANGLE BRACKET	<p>TB0-M01-09B</p> 	<p>TB0-M01-32B</p> 	
76 X 76 ANGLE BRACKET			<p>TB0-M01-46B</p> 

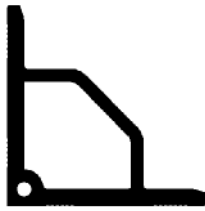
90° ANGLE SUPPORT BRACKETS



STRUCTURE PROFILE	<p>TB4-M00-00</p>  <p>44 X 44</p>	<p>TB5-M00-00</p>  <p>64 X 64</p>	<p>TB9-M00-00</p>  <p>88 X 88</p>
	<p>TB20-M00-00</p>  <p>44 X 88</p>		<p>TB20-M00-00</p>  <p>44 X 88</p>
63 X 63 ANGLE SUPPORT BRACKET	<p>TB0-M01-89</p> 	<p>TB0-M01-78</p> 	<p>TB0-M01-88</p> 
	<p>TB0-M01-92</p> 	<p>TB0-M01-91</p> 	<p>TB0-M01-93</p> 
	<p>TB0-M01-90</p> 	<p>TB0-M01-90</p> 	<p>TB0-M01-90</p> 

90° ANGLE SUPPORT BRACKETS

HEAVY DUTY



STRUCTURE PROFILES 80 X 80 HEAVY DUTY SUPPORT BRACKET	<p>TB4-M00-00</p> <p>44 X 44</p>	<p>TB5-M00-00</p> <p>64 X 64</p>	<p>TB9-M00-00</p> <p>88 X 88</p>
	<p>TB20-M00-00</p> <p>44 X 88</p>		<p>TB20-M00-00</p> <p>44 X 88</p>
	<p>TB0-M01-115</p>		<p>TB0-M01-102</p>

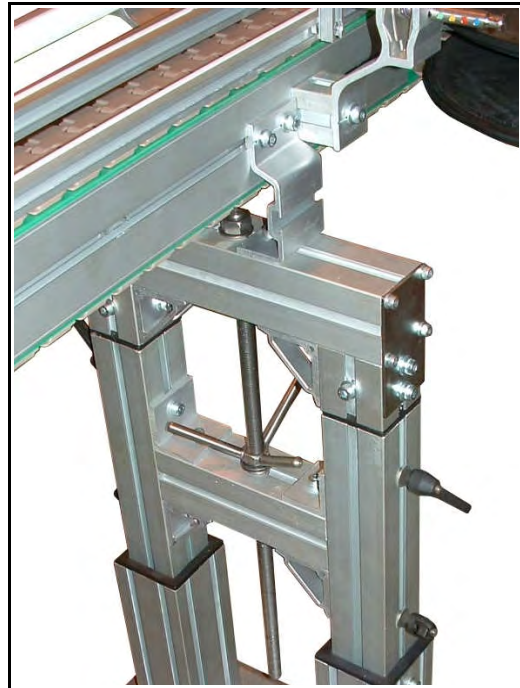
CONVEYOR BRACKETS

CROSS BEAM CONVEYOR BRACKET

The cross beam conveyor bracket have three major benefits:

1. You can use it with both the 82.5mm and the 114mm conveyor;
2. You can use single legs or double legs (as illustrated in the photo);
3. It is very sturdy due to the extra support of the cross beam.

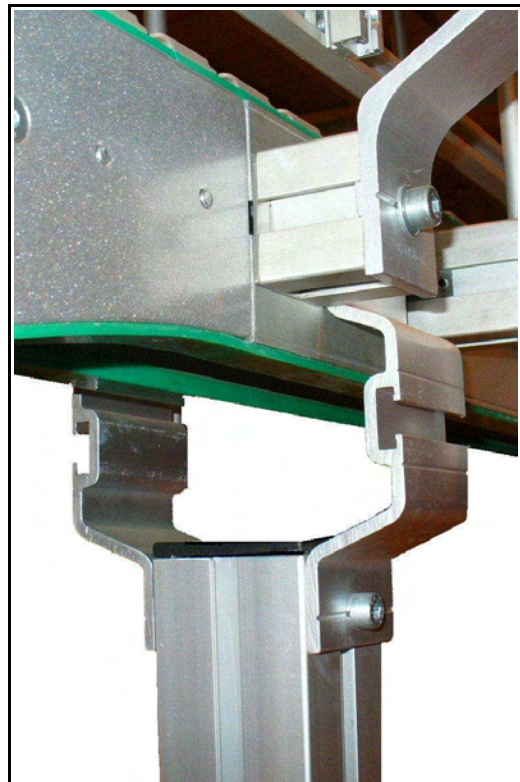
Choosing the correct bracket:
Choose your conveyor leg size from the first row and the *cross beam conveyor bracket* will be listed underneath the profile.



114MM OR 82.5MM CONVEYOR BRACKET


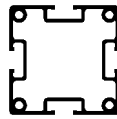
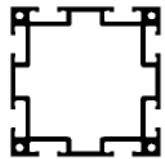
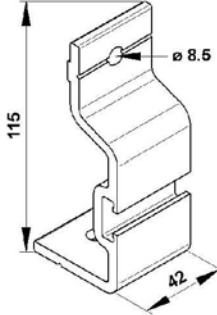
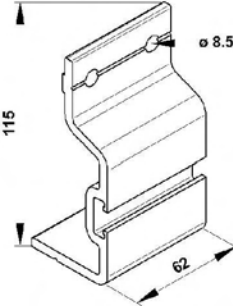
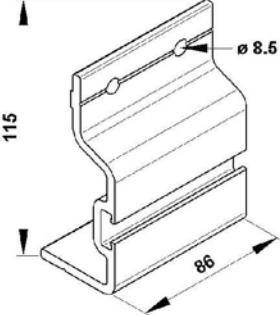
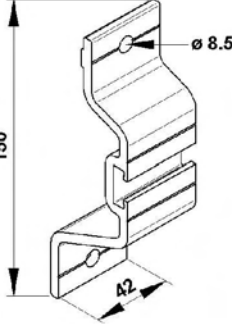
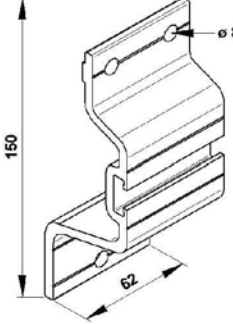
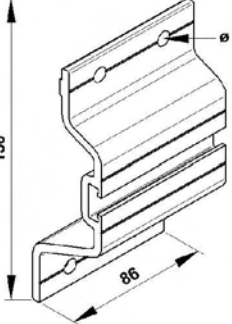
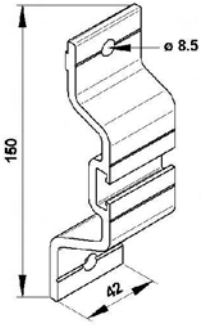
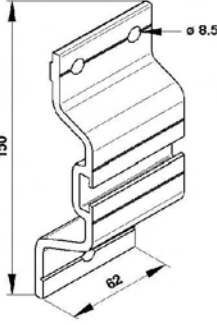
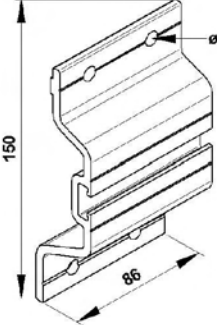
- Used to fastened a single conveyor leg to the conveyor assembly.
- The 82.5mm and 114mm conveyor have a different set of conveyor brackets.
- This option is cost beneficial due to the single leg and the absence of the cross beam and extra 90 degree support brackets.

Choosing the correct bracket:
Choose your conveyor leg size from the first row and the size of your conveyor in the first column. Where the row and column meet you will get the conveyor bracket that you require.



CONVEYOR BRACKETS



STRUCTURE PROFILES CROSS BEAM CONVEYOR BRACKET 114MM CONVEYOR BRACKET 82.5MM CONVEYOR BRACKET	TB4-M00-00  44 X 44	TB5-M00-00  64 X 64	TB9-M00-00  88 X 88	
	TB0-M01-02  115 42 ø 8.5	TB0-M01-03  115 62 ø 8.5	TB0-M01-04  115 86 ø 8.5	
	TB0-M01-42  150 42 ø 8.5	TB0-M01-72  150 62 ø 8.5	TB0-M01-45B  150 86 ø 8.5	
	TB0-M01-43  160 42 ø 8.5	TB0-M01-28  160 62 ø 8.5	TB0-M01-44  160 86 ø 8.5	

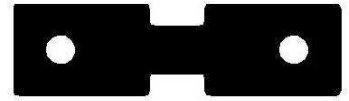
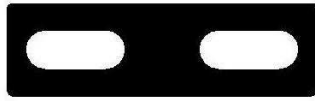
PROFILE JOINT PLATES 180°, 45° AND 90° CONNECTORS

- Used for light constructions and door frames.
- Easily create 45° or 90° angles.
- The 180° connectors are used to lengthen profiles.



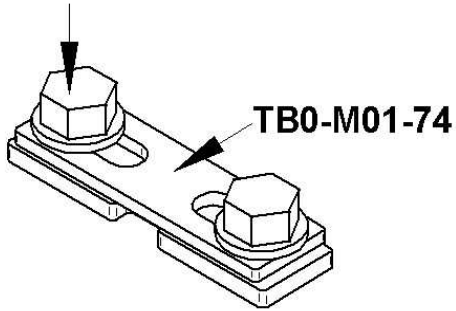
PROFILE JOINT PLATES

180° Connectors (Straight)

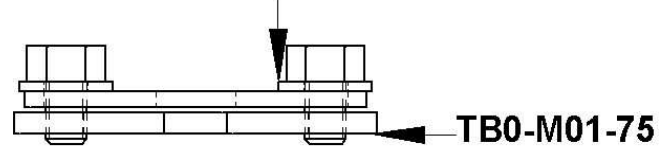


TB0-M01-68

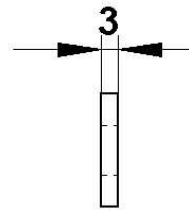
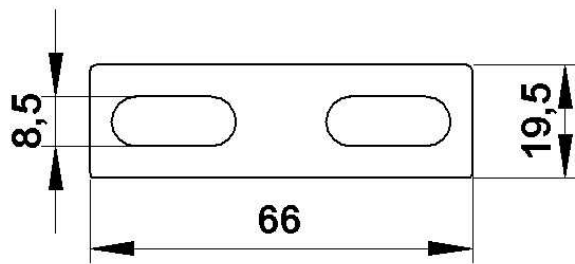
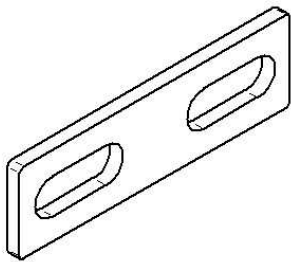
TBB-M01-20



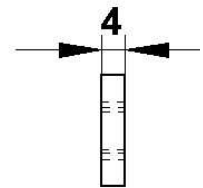
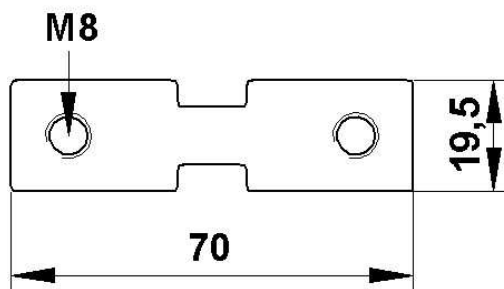
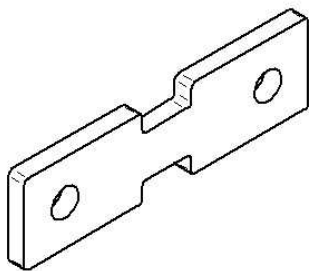
TBB-M03-01



TB0-M01-74



TB0-M01-75



PROFILE JOINT PLATES

45° Connectors



TB0-M01-55	
TB0-M01-58	
TB0-M01-60	
TB0-M01-62	

PROFILE JOINT PLATES

90° Connectors

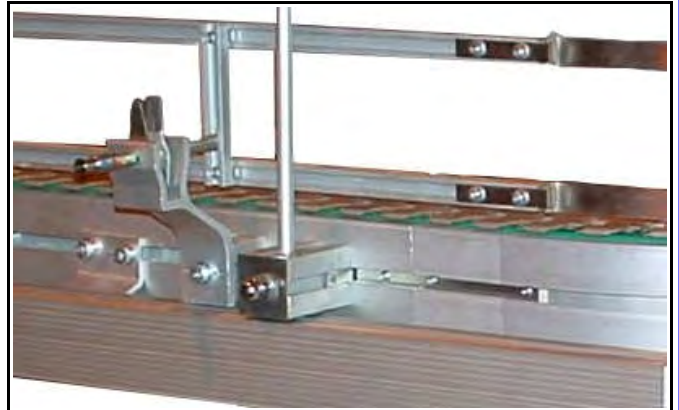


TB0-M01-49	
TB0-M01-51	
TB0-M01-53	
TB0-M01-57	
TB0-M01-64	

PROFILE JOINT PLATES: CONVEYOR, ELECTRIC DUCTING AND GUIDE RAILS

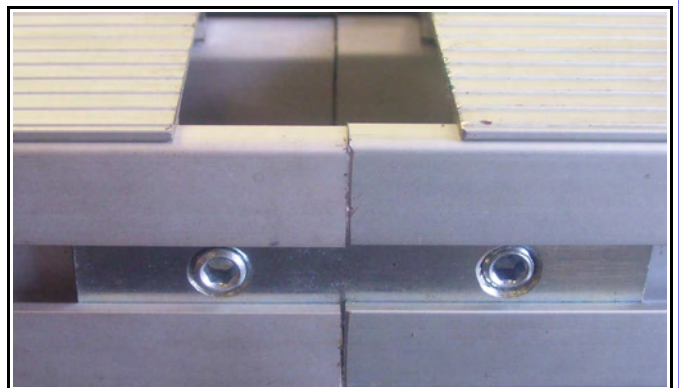
CONVEYOR CONNECTOR PLATE

- This connector is used to connect conveyor assemblies to lengthen the conveyor when the conveyor is longer than 3 meters or when your adding to your existing conveyor line.
- Plates are slid into the outside groove of the conveyor assembly and fastened with two grub screws.
- Two plates per extension is required.
- The connector plate is manufactured from mild steel and it is zinc plated.



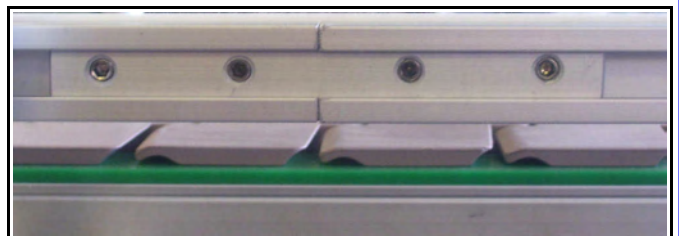
ELECTRIC DUCTING CONNECTOR PLATE

- This connector is used to lengthen electric ducting.
- The plate is slid into the outside groove of the electric ducting and fastened with two grub screws.
- Two plates per extension is required.
- The connector plate is manufactured from mild steel and it is zinc plated.



GUIDE RAIL CONNECTOR PLATE

- This connector is used to lengthen your guide rails.
- One connector plate is used per guide rail and fastened with four grub screws.
- The connector plate is manufactured from aluminium and anodised.



PROFILE JOINT PLATES

Conveyor, Electric Ducting and Guide Rails



PROFILE	CONNECTOR
<p>TB11-M00-01</p>	<p>TB0-M01-19 – Conveyor Connector Plate (<i>BMS zinc plated</i>)</p>
<p>TB23-M00-01</p>	<p>TB0-M01-19 – Conveyor Connector Plate (<i>BMS zinc plated</i>)</p>
<p>TB15-M00-00</p>	<p>TB0-M01-15 – Electric Ducting Connector Plate (<i>BMS zinc plated</i>)</p>
<p>TB6-M00-00</p>	<p>TB0-M01-20 – Stainless Steel Guide Rail Connector Plate (<i>SS</i>)</p>
<p>TB6-M00-00</p>	<p>TB0-M01-20B – Guide Rail Inside Connector Plate (<i>Aluminium</i>)</p>

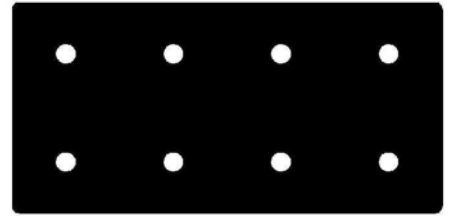
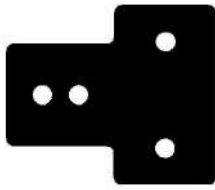
T-PLATES


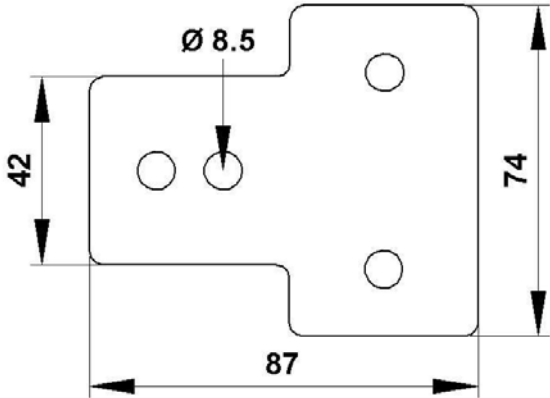
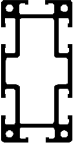
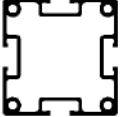
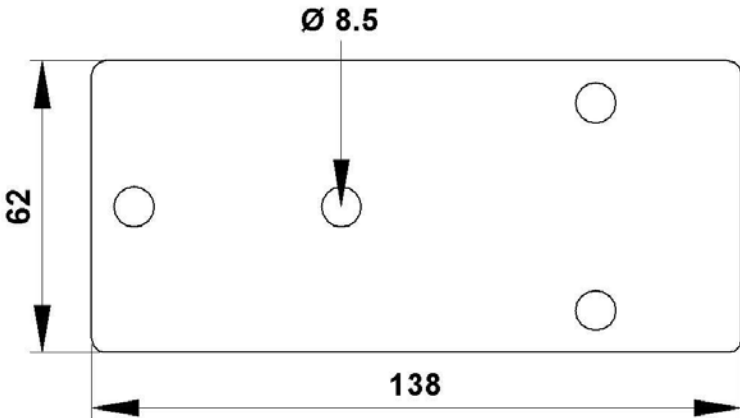
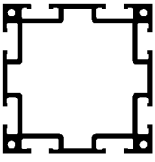
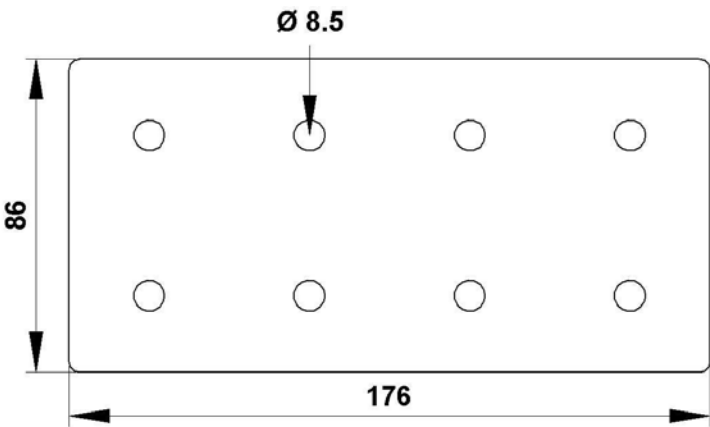

APPLICATION

- T-Plates are used to strengthen profiles that is already connected with brackets at a 90 degree angle.
- T-plates are easily fastened to the profiles by using cap screws, washers and square nuts.



T-PLATES

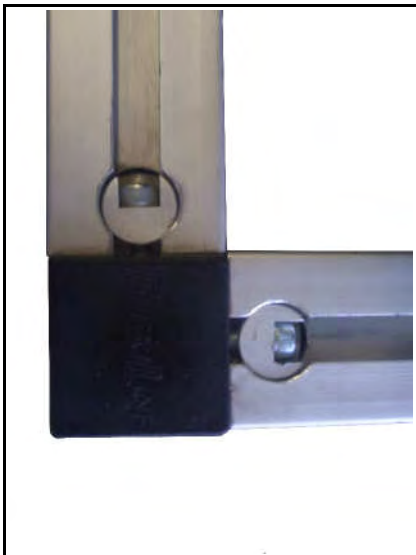


STRUCTURE PROFILE	T-PLATE
<p>TB4-M00-00</p> 	
<p>TB20-M00-00</p> 	
<p>TB5-M00-00</p>  <p>64 X 64</p>	
<p>TB9-M00-00</p>  <p>88 X 88</p>	
<p>TB20-M00-00</p>  <p>88 X 44</p>	

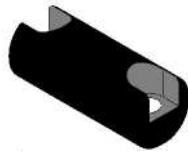
TIE BARS AND TIE PLATES

APPLICATION

- Tie bars and tie plates are used to connect profiles at a 90° angle.
- The connection is clean with no obvious brackets in the corners.
- Require drilling in the one profile to insert the tie bar.
- Ideal for frames and display units.



TIE BARS AND TIE PLATES

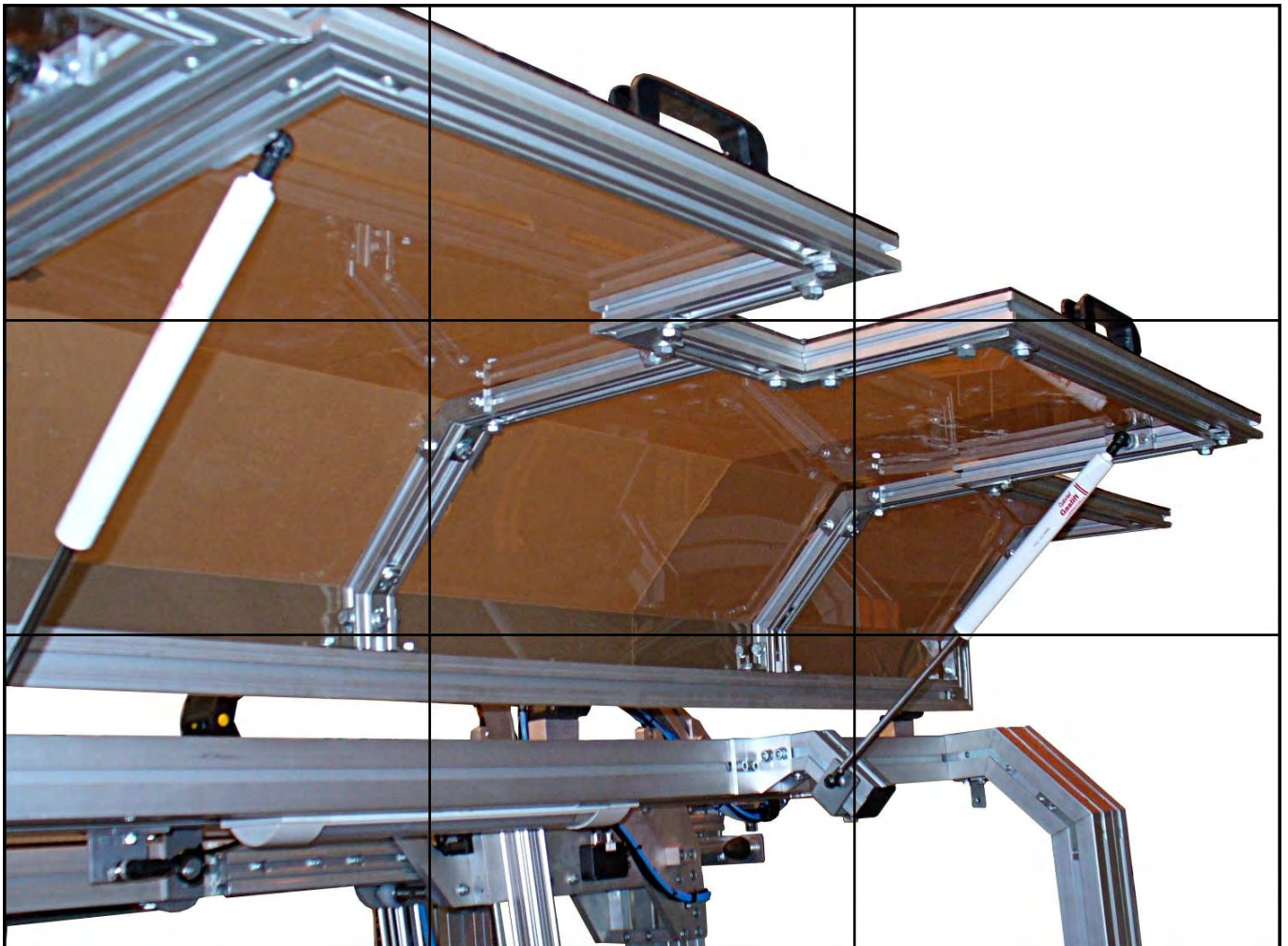


STRUCTURE PROFILES	<p>TB4-M00-00</p> <p>44 X 44</p>	<p>TB5-M00-00</p> <p>64 X 64</p>	<p>TB9-M00-00</p> <p>88 X 88</p>
	<p>TB20-M00-00</p> <p>44 X 88</p>		<p>TB20-M00-00</p> <p>88 X 44</p>
TIE BARS	<p>TB0-M01-117</p> <p>Ø 19,05</p>	<p>TB0-M01-17</p> <p>Ø 19,05</p>	<p>TB0-M01-18</p> <p>Ø 19,05</p>
	<p>TB0-M01-118</p> <p>5</p> <p>M6</p>	<p>TB0-M01-40</p> <p>5</p> <p>M6</p>	<p>TB0-M01-41</p> <p>5</p> <p>M6</p>

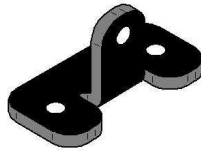
WINDOW BRACKETS

APPLICATION

- This clever designed bracket slides into the profile's slot where it is fastened with two grub screws. The window is then fastened to the bracket with a button head screw.
- Brackets are long lasting and manufactured from mild steel and zinc plated.
- Alternatively window channeling can be used – refer to Chapter 1 of this catalogue.



WINDOW BRACKETS



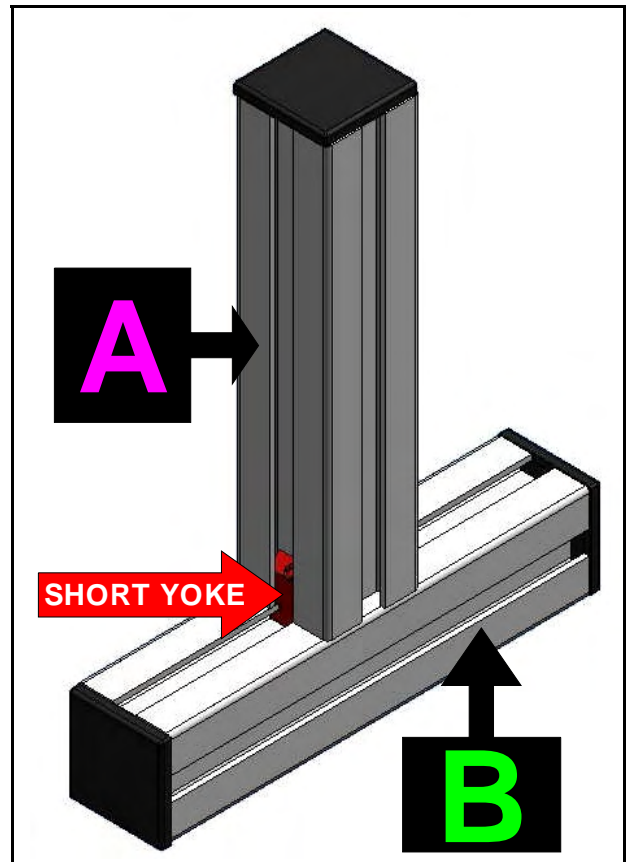
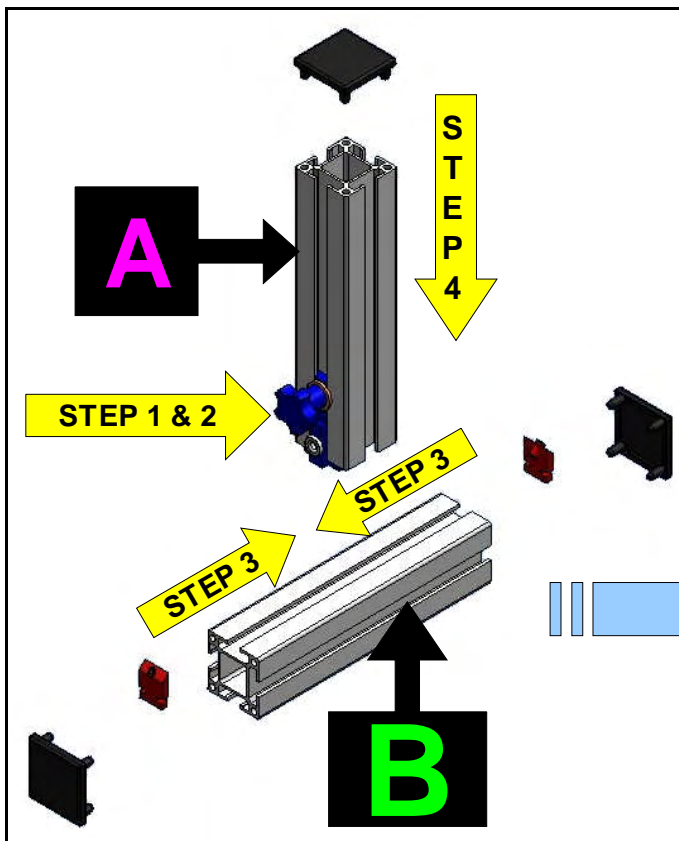
TB0-M01-125			
TB0-M01-126			



YOKES

SHORT YOKE

- Clean 90 degree corner connector;
- Beams can be mounted after construction is already completed – no need to slide in square nuts;
- Economically priced;
- Assembly is done in four easy steps;
- Drill jig is sold separately; and
- Short yoke is easily fastened with a M6 grub screw.



- STEP 1: Insert **drill jig** in **profile A**. Drill holes in opposite walls of **profile A**.
- STEP 2: Remove **drill jig**.
- STEP 3: Insert **short yoke** in **profile B's** grooves by twisting it in.
- STEP 4: Slide **profile A** over the **short yokes** and fasten the grub screws.

TECHNICAL DETAIL:

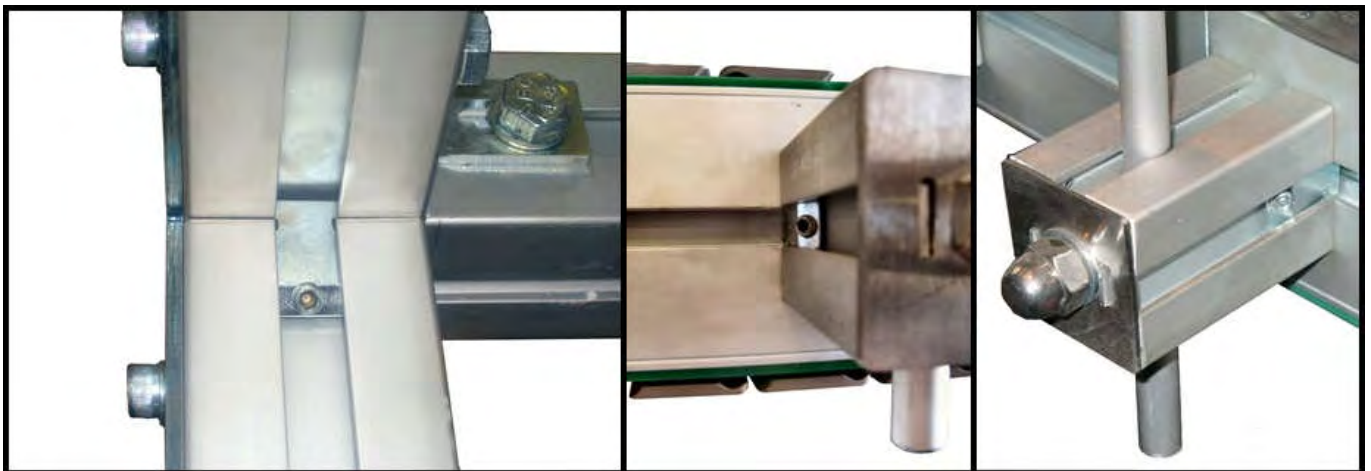
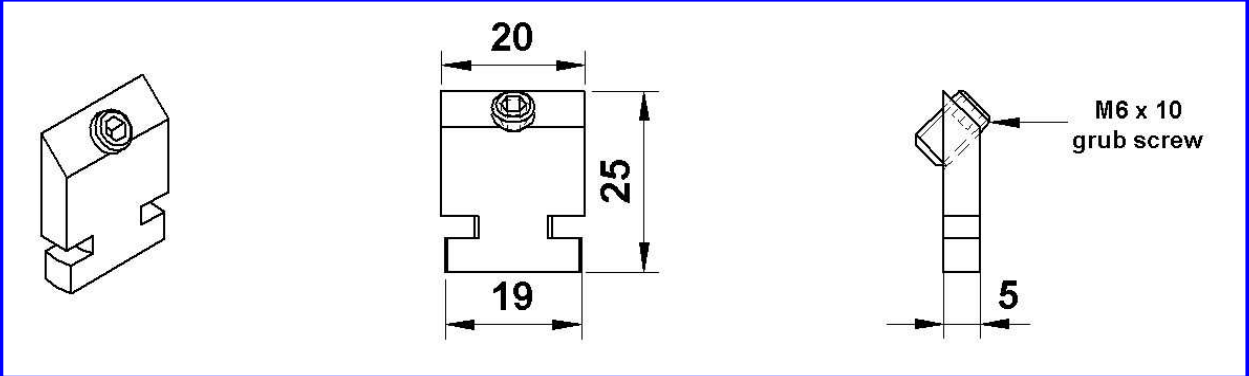
Part number: TB0-M01-121
Material: Mild steel and zinc plated

YOKES



SHORT YOKE

TB0-M01-121



As demonstrated in the previous page drilling can easily be done with the help of a drill jig. This jig can be ordered separately by using TBC-M00-08 as a part number.