

WHAT IS THE ALUMINIUM INDUSTRIAL PROFILE?

Industrial Aluminium Profile is a kind of technical product which is used as alternative of steel constructions. These profiles specially designed for mechanical application ranges which is possible for using on building strong constructions against the static and dynamic loads with their 6mm, 8mm ,10mm canal dimensions.

Our profiles produced of special aluminium which is also called series of 6063 .Also it's surface is coated by eloxal that keeps the profile stronger against the corrosion . There is no need stoning and painting like on steel constructions with this features.

The most important factors; To prefer sigma profiles are serial assembly feature, strenght, multifunction, easy to use and desing features.

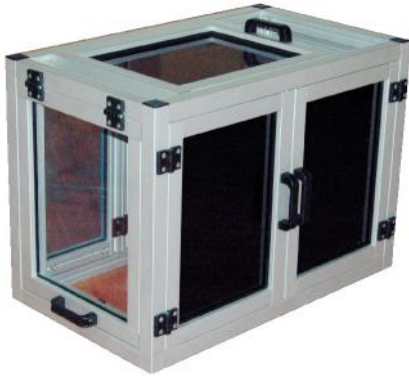
With the special designed connector elements there is easy and fast assembly opportunity which are suitable for aluminium profiles. They have minimum production planning time and material waste that's because it has modular structure, they are always suitable each other and they have very practical usage.

It's possible to make changes on constructions. All parts can be easily assembled additionally. We present standard profiles and their connection technics with many kind of design.

From these alternatives; **Aluminium Industrial Profiles** are suitable for any kind of usage besides it's the most preferred and low cost substructure product nowadays.

Industrial aluminium profiles use for covering outside of different type applications such as metal plate, laminated clipboard, plexiglass

Composite Applications



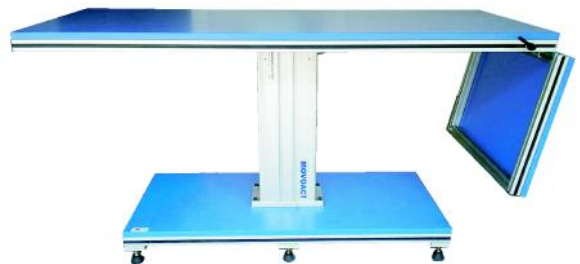
PVC applications



Sheet Metal Application



Chipboard Applications



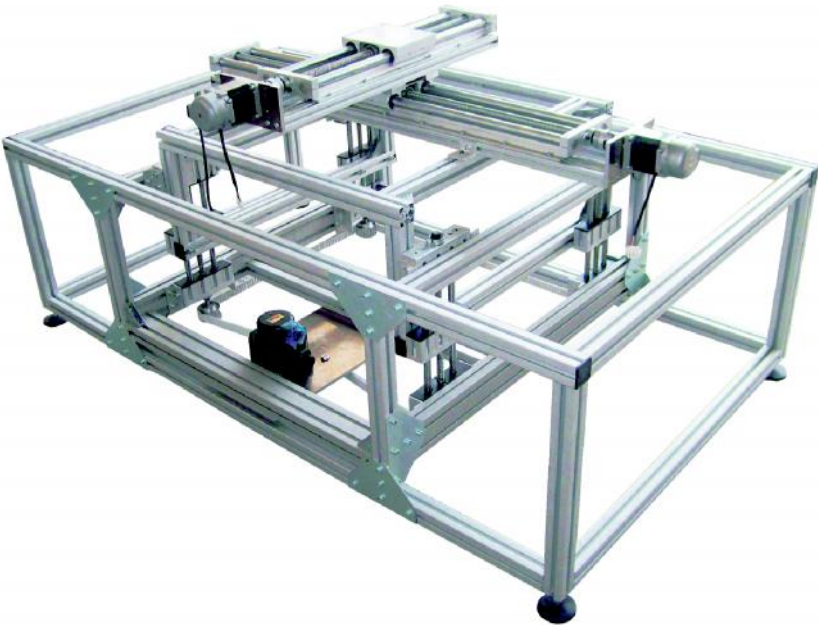
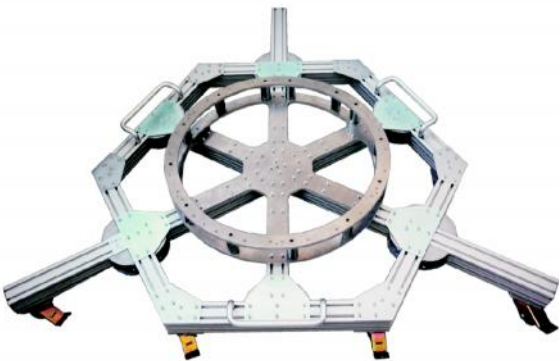
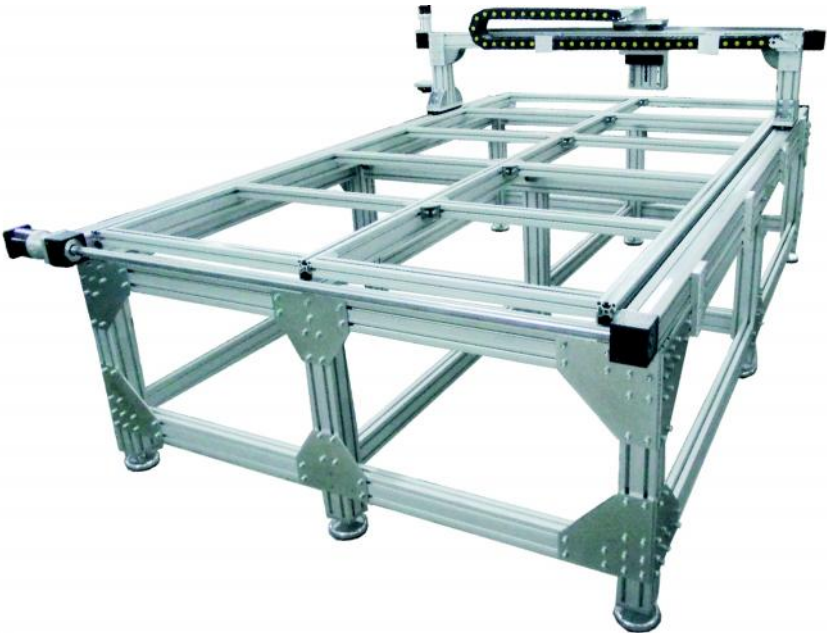
Galvanized Sheet Metal Closure Applications



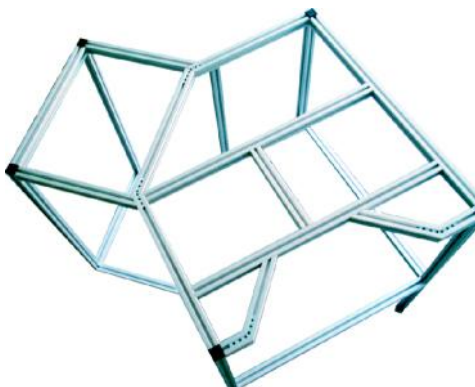
MDF Applications



Different designs of chassis and bodies are manufacture by choosing required sigma profile type and connection elements regarding to neccessary weight and momentum of construction such as below;



Desired constructions are formed by the aid of standard connectors and profile sections chosen according to momentum needed on chassis and frames.



Different designs of chassis and bodies are manufacture by choosing required sigma profile type and connection elements regarding to neccessary weight and momentum of construction such as below;

3 Axes CNC machine



Plasterboard Cutting Machine



The sigma profile provides ease in the machines manufacturing. It constutes of desired strenght with the variable connection type. These features take place of steel construction at the a lot of chassis of machine. It is preferred firstly thanks to cost and time advantage.

Styrofoam Cutting Machine



Packaging Machine



Laser Test Equipment



Pallet Supply Machine



Different designs of chassis and bodies are manufacture by choosing required sigma profile type and connection elements regarding to neccessary weight and momentum of construction such as below;

Pneumatic System Guard Cabinet



Electronic Systems Guard Cabinet



Reasonable because of; 1 - Sound Insulation 2 - Security 3 - Hygienic 4-Aesthetic

Packaging Machine Cabinet



Packing Machine Cabinet



Laser Pattern Machine Cabinet



Sigma profiles are an ideal material structure for making cabinet of all kinds of construction machinery. An aesthetics image is provided in different colors of plexsglass. Cabin cover options designed to provide simple usage into the place.

Pneumatic System Guard Cabinet



Press printing Guard Cabinet



Sound Isolation Cabinet



Production Line Guard Cabinet



Production Machine Cabinet



System Logoff Cabinet



Working tables that is producible in variable dimensions is preferred for mounting and testing operations. It provides facility of working with PC, pneumatic, hand drill, clamp by the variety of surface coating.

Testing Training Desk



Product Assembly Desk



Warehouse Shipping Desk



Manufacturing Testing Desk



Product Assembly Desk



Electronic assembling Desk



As Sigma Profiles used on industrial applications, It is also used visual and decorative applications. Also it can be used on display constructions fair stand, clipboard applications.



Light Towers



Exhibition Booths



Advertisement Board



Product Display Table



Product Shelf



Glazed Stand



Double Decker Exhibition Booth 4x6 mt



Product Display Stand

Garlic Peeling Line



Bakery output line



Labeling Conveyor



The Automation Conveyor



Graded Conveyor and Elevator



Quick manufacturing can be done with profiles which are special designed for any type of conveyors. Conveyors are manufactured by desired size. You can see the detailed parts information about conveyors in conveyor equipment page.

Spiral Conveyor



Graded Conveyor



PVC Belt Conveyor



(L) Type Elevator



Double Deck Conveyor



(Z) Type Elevator



Steps to be followed while using the table;

f (mm) : Deflection
 F (N) : Force
 L (mm) : Length Profile
 I (cm4) : Moment of Inertia
 E (N/mm2) : Modulus of Elasticity

Symbol F (N) indicates the type of loading denominated.

Profile length (L) mm unless otherwise stated.

The First Step is choosing exposed force of your profile over the left vertical column. (10N = 1Kg)

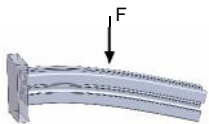
As seen in the table by selecting the length of the upper horizontal lines
 Overlap profile.

Select the Moment of Inertia selected profile on the right vertical columns

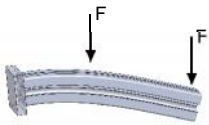
Select the length of the profile point-force with the coincidence of the moment of inertia of the condition of vertical curved lines

Find by reference to the last point by drawing a vertical line down the profile bearing the appropriate amount of deflection read from the table according to their position

Deflection account of the following examples can be practical advantage from the table



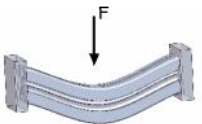
$$f = \frac{F.L^3}{3E.I.10^4}$$



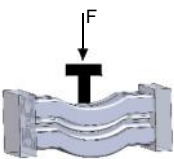
$$f = \frac{F.L^3 + F_1.L_1^2.L + F_2.L_2^2.L}{3E.I.10^4}$$



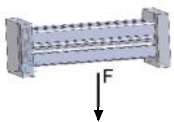
$$f = \frac{F.L^3}{8E.I.10^4}$$



$$f = \frac{F.L^3}{48E.I.10^4}$$



$$f = \frac{F.L^3}{192E.I.10^4}$$



$$f = \frac{F.L^3}{384E.I.10^4}$$

example

F = 2000N

Profile length L = 1000mm

F and L values coincide with the point at which the moment of inertia of your profile as well as your combined.

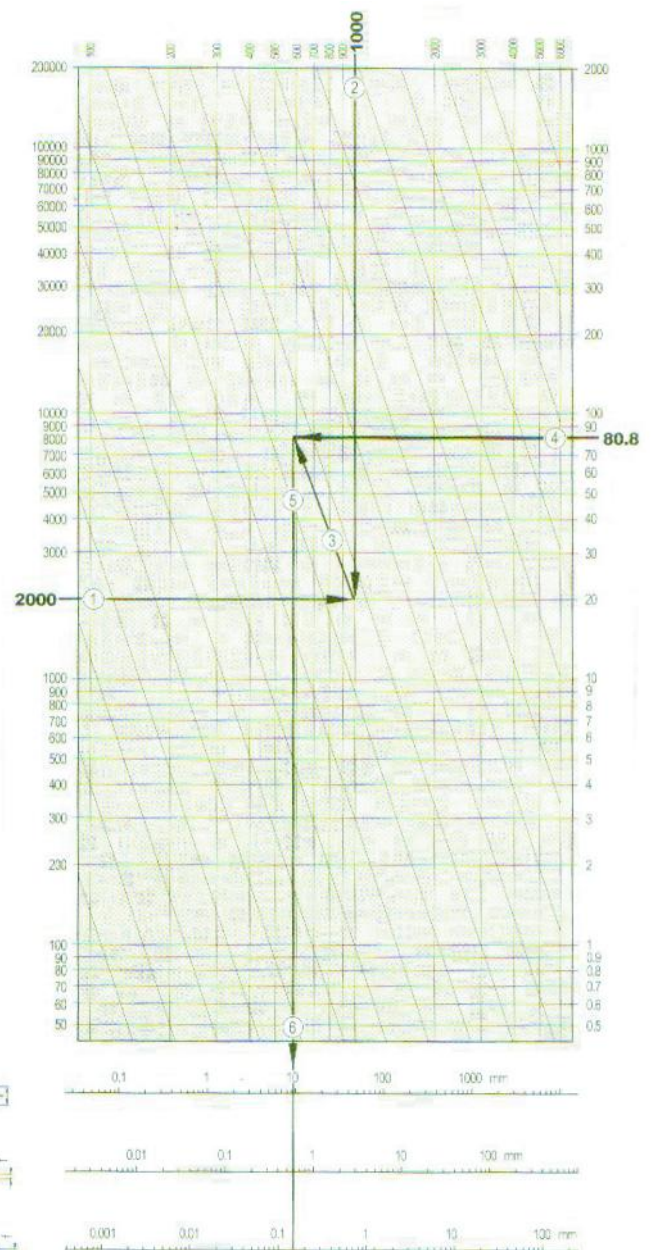
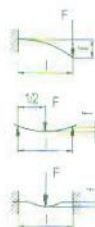
From the reference point of the diagram below that you find the right download the appropriate bearing struts Please read the deflection value based on the shape

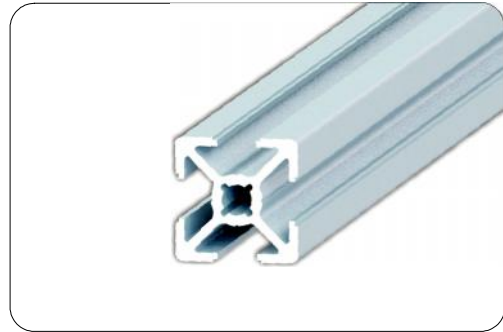
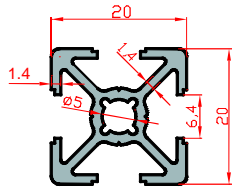
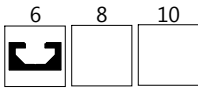
According to these values:

Download cultivar f:9,5mm

Download cultivar f:0,6mm

Download cultivar f: 015mm

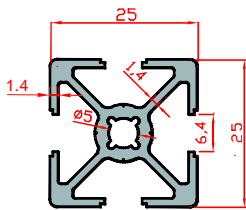
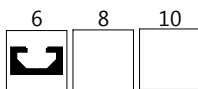


**20x20 Industrial Profile**

Code:1.1.06.020020.01

It provides considerable practical solutions for optimized constructions such as panels, signboards, display cabinets etc.

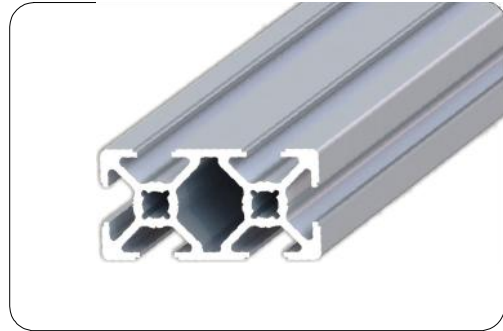
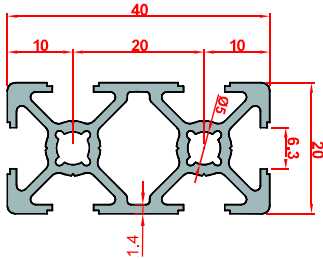
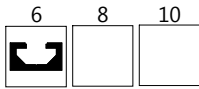
| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|---------------------|---------------------|----------------------|---------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 20 x 20 | 6063 | 6000 | 0,61cm ⁴ | 0,61cm ⁴ | 0,71cm ³ | 0,71cm ³ | 1,42cm ² | 0,36 Kg/m | 1.1.06.020020.01 |

**25x25 Industrial Profile**

Code:1.1.06.025025.01

It is suitable for panels, frames and light covers which are not for applications with impact or vibration.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|---------------------|---------------------|----------------------|---------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 25 x 25 | 6063 | 6000 | 1,39cm ⁴ | 1,39cm ⁴ | 1,34cm ³ | 1,34cm ³ | 2,12cm ² | 0,55 Kg/m | 1.1.06.025025.01 |

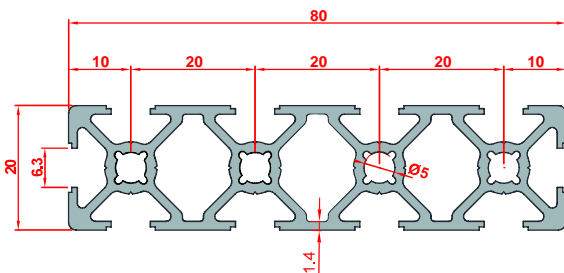
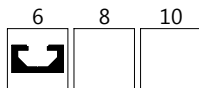
**20x40 Industrial Profile**

Code:1.1.06.020040.01

It is used in production of cabinets of devices, and applications such as stand and panels

| External | Material | L (m) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|-------|---------------------|---------------------|----------------------|---------------------|--------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 20 x 40 | 6063 | 6000 | 4,17cm ⁴ | 1,12cm ⁴ | 2,4cm ³ | 1,35cm ³ | 2,6cm ² | 0,68 Kg/m | 1.1.06.020040.01 |

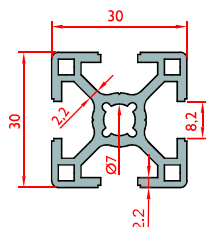
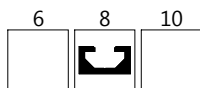
L (mm)

**20x80 Industrial Profile**

Code:1.1.06.020080.01

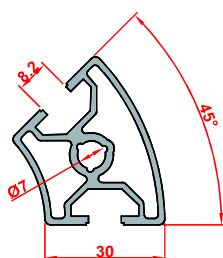
It is suitable for using on study tables front plates, division panels, cabinets and service carts.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|----------------------|---------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 20 x 80 | 6063 | 6000 | 29,14cm ⁴ | 2,12cm ⁴ | 3,8cm ³ | 2,4cm ³ | 4,88cm ² | 1.28 Kg/m | 1.1.06.020080.01 |

**30x30 Industrial Profile**Code: [1.1.08.030030.02](#)

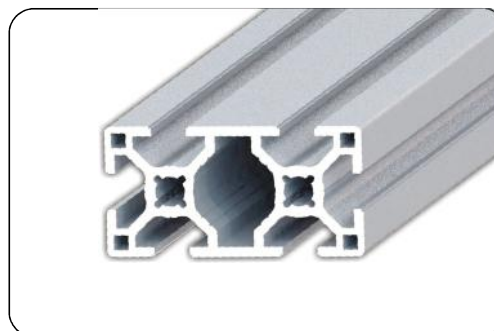
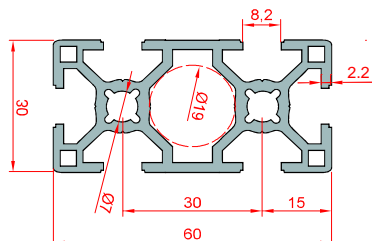
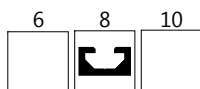
It is mostly used in production of machine cabinets. 30x30 profiles are also preferred light constructions. Other usages of this profile are panels, display cases and stands.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|---------------------|---------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 30 x 30 | 6063 | 6000 | 2,91cm ⁴ | 2,91cm ⁴ | 1,8cm ³ | 1,8cm ³ | 3,22cm ² | 0,86 Kg/m | 1.1.08.030030.02 |

**30x45 Angled Profile**Code: [1.1.08.030045.08](#)

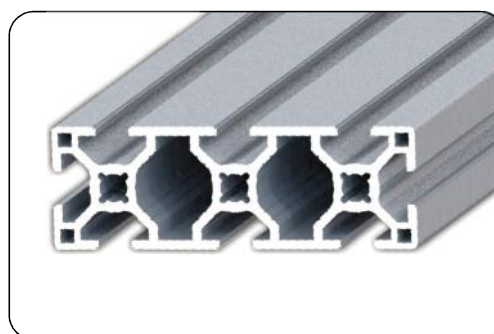
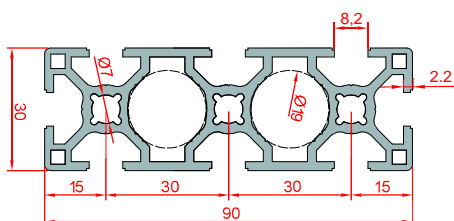
The profile that has 45 degree surface is easy to install. Your machine cabinets and tables can have better appearance through its aesthetic.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|---------------------|---------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 30 x 45 | 6063 | 6000 | 3,02cm ⁴ | 4,57cm ⁴ | 2,1cm ³ | 2,2cm ³ | 3,35cm ² | 0,88 Kg/m | 1.1.08.030045.08 |

**30x60 Industrial Profile**Code: [1.1.08.030060.02](#)

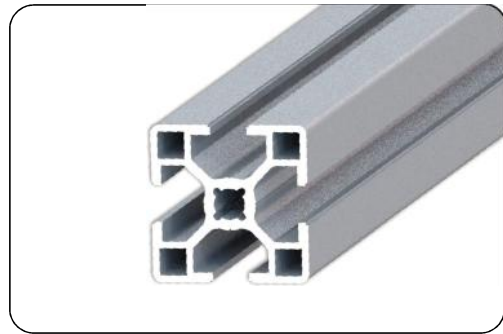
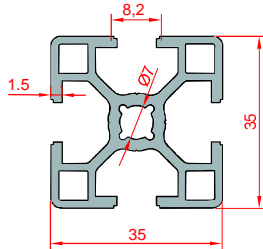
It's used in the production of light machine frames, cabin applications, body side of cabin covers, sliding covers. It is often used protection hardware, laboratory mechanisms, automation group constructions and special conveyor chassis.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|----------------------|---------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 30 x 60 | 6063 | 6000 | 20,25cm ⁴ | 5,52cm ⁴ | 6,6cm ³ | 3,4cm ³ | 5,77cm ² | 1,58 Kg/m | 1.1.08.030060.02 |

**30x90 Industrial Profile**Code: [1.1.08.030090.02](#)

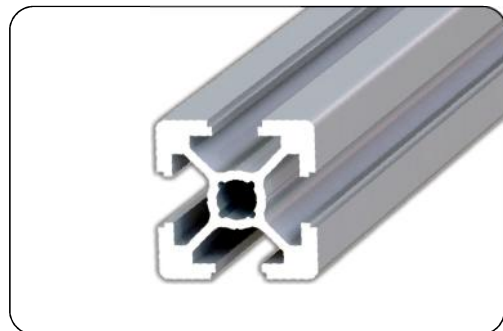
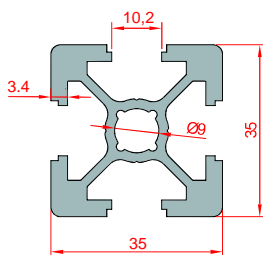
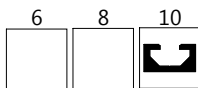
Its triple canal feature provides wide connection area. This profile can be used as the body side profile of machinery frames and conveyor frames. The housing hole provides several usage opportunities on the center.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|----------------------|---------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 30 x 90 | 6063 | 6000 | 63,54cm ⁴ | 8,13cm ⁴ | 12,5cm ³ | 4,8cm ³ | 8,32cm ² | 2,14 Kg/m | 1.1.08.030090.02 |

**35x35 Industrial Light Profile**Code: [1.1.08.035035.02](#)

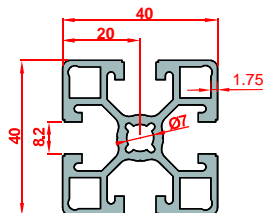
It is used on producing of protection cabinets on light machine constructions. The applications that were made of light profiles provide cost advantage.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|------------|----------|--------|---------------------|---------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 35 x 35(L) | 6063 | 6000 | 4,55cm ⁴ | 4,55cm ⁴ | 3,2cm ³ | 3,2cm ³ | 3,67cm ² | 0,98 Kg/m | 1.1.08.035035.02 |

**35x35 Industrial Heavy Profile**Code: [1.1.10.035035.01](#)

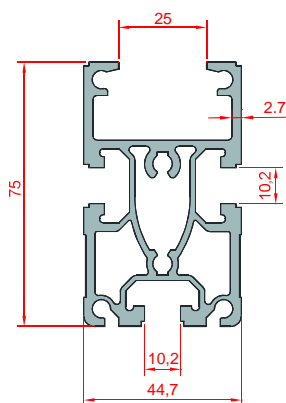
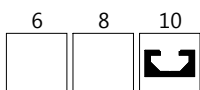
It's strong structure and design is suitable for using under heavy weight. It is mostly used on conveyor feet and working tables.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|-------------|----------|--------|--------------------|--------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 35 x 35 (A) | 6063 | 6000 | 6,7cm ⁴ | 6,7cm ⁴ | 3,7cm ³ | 3,7cm ³ | 4,92cm ² | 1,27 Kg/m | 1.1.10.035035.01 |

**40x40 Industrial Heavy Profile**Code: [1.1.08.040040.01](#)

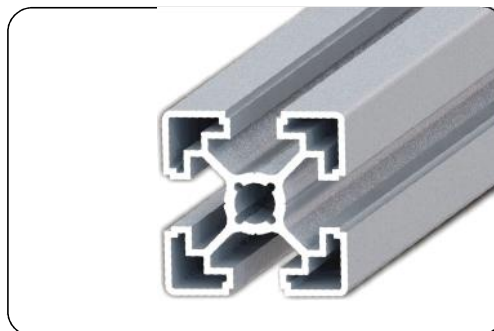
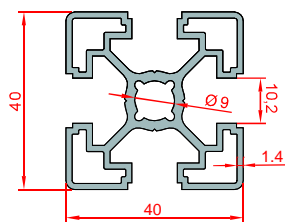
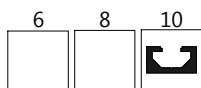
As cross-sectional, it is designed to provide more resistance in comparison with equal-sized profiles. Preferable for the parts that require support on medium-loaded chassis and bearing feet.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|---------------------|---------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 40 x 40 | 6063 | 6000 | 14,9cm ⁴ | 14,9cm ⁴ | 5,8cm ³ | 5,8cm ³ | 7,29cm ² | 1,38 Kg/m | 1.1.08.040040.01 |

**45x75 Conveyor Profile**Kod: [1.2.00.045075.00](#)

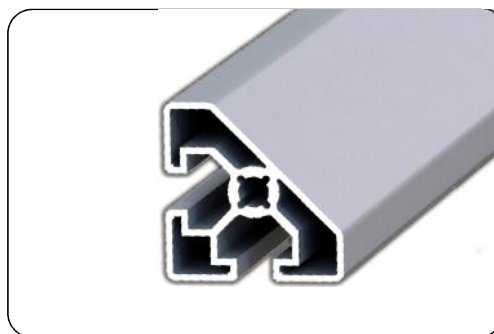
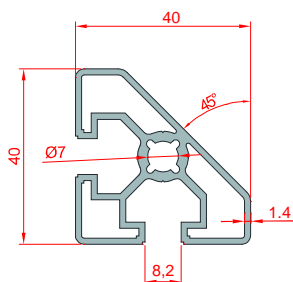
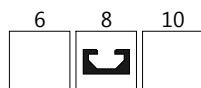
It provides practical solutions for narrow band conveyors carrying pallets. Friction plastic placed on the top of profile provides guidance of moving belt.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|----------------------|----------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 45 x 75 | 6063 | 6000 | 45,80cm ⁴ | 23,46cm ⁴ | 10,7cm ³ | 7,2cm ³ | 9,42cm ² | 2,54 Kg/m | 1.2.00.045075.00 |

**40x40 Industrial Light Profile**Code: [1.1.10.040040.02](#)

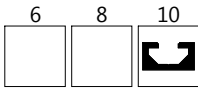
It is suitable to use in light chassis, cabinet applications, and legs of conveyor chassis. It is used in many applications such as light constructions, panels, chassis feet, platform beams.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|---------------------|---------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 40 x 40 | 6063 | 6000 | 6,72cm ⁴ | 6,72cm ⁴ | 4,2cm ³ | 4,2cm ³ | 4,33cm ² | 1,15 Kg/m | 1.1.10.040040.02 |

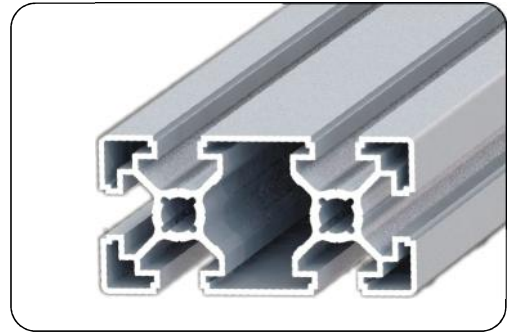
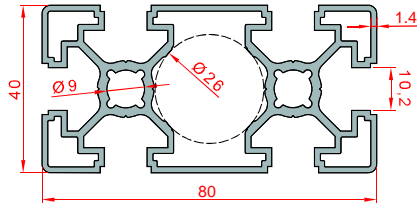
**40x40 45° Industrial Angled Profile**Code: [1.1.08.040040.06](#)

The profile which has 45° degree surface provides aesthetic appearance in machine cabins, displays and frames.

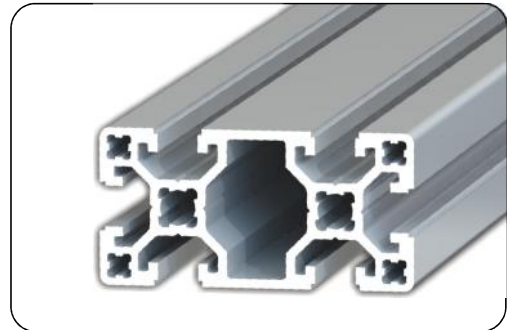
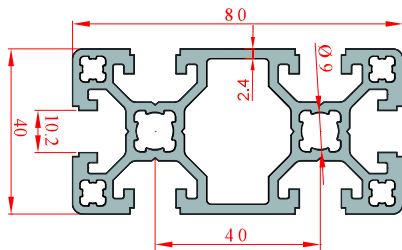
| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|--------------------|--------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 40 x 40 | 6063 | 6000 | 4,4cm ⁴ | 4,4cm ⁴ | 2,1cm ³ | 2,1cm ³ | 3,43cm ² | 0,89 Kg/m | 1.1.10.040040.06 |

**40x80 Light Sigma Profile**

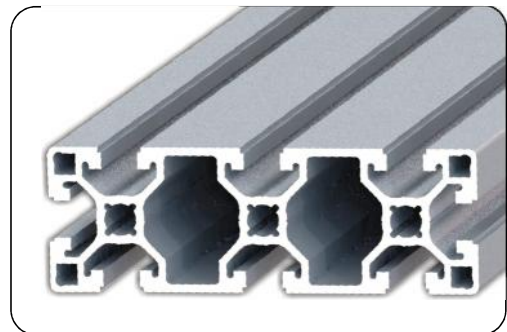
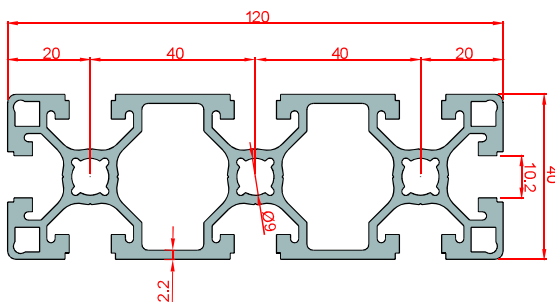
Kod: 1.1.10.040080.02

**40x80 Heavy Sigma Profile**

Kod: 1.1.10.040080.01

**40x120 Sigma Profile**

Kod: 1.1.10.040120.02

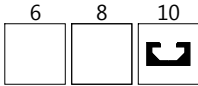
**Using Area**

Light Series; The profile is used on frames' and platform's sections which provide light constructions.

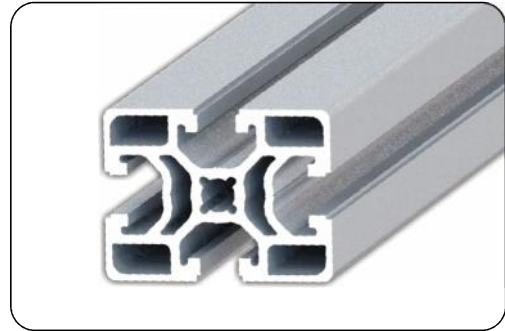
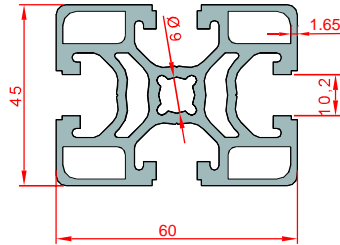
Heavy Series; Used on Conveyor frame legs, on machine frame applications, on big sized cabinets which can carry medium loads.

40x120, Provides the desired strenght on extra forced applications and on machine constructions

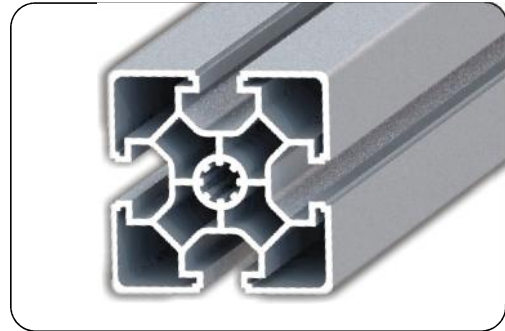
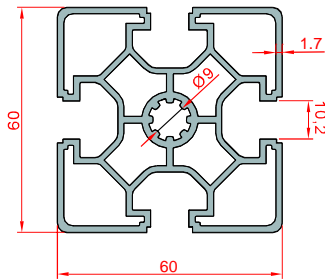
| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|-----------|----------|--------|-----------------------|----------------|----------------------|----------------------|-----------------------|------------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 40 x 80 | 6063 | 6000 | 47,9 cm ⁴ | 11,9 cm | 7,6 cm ³ | 3,9 cm ³ | 7,29 cm ² | 1,85 Kg/m | 1.1.10.040080.02 |
| 40 x 80 A | 6063 | 6000 | 67,4 cm ⁴ | 18,0 cm | 15,1 cm ³ | 8,4 cm ³ | 10,2 cm ² | 2,747 Kg/m | 1.1.10.040080.01 |
| 40 x 120 | 6063 | 6000 | 200,5 cm ⁴ | 25,7 cm | 33,1 cm ³ | 13,2 cm ³ | 13,93 cm ² | 3,76 Kg/m | 1.1.10.040120.02 |



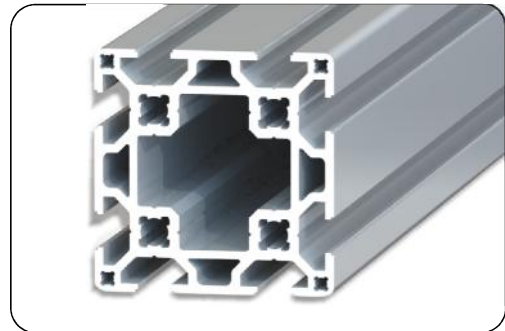
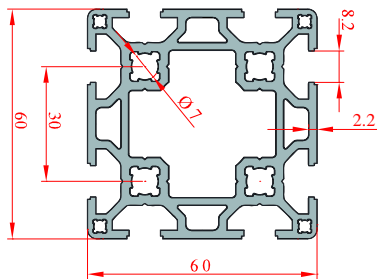
45x60 Sigma Profilee
Kod: 1.1.10.045060.01



60x60 Light Sigma Profilee
Kod: 1.1.10.060060.02



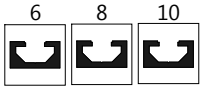
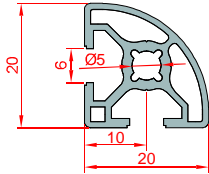
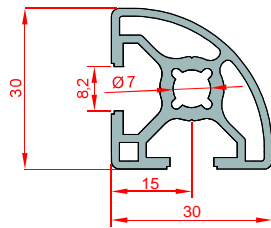
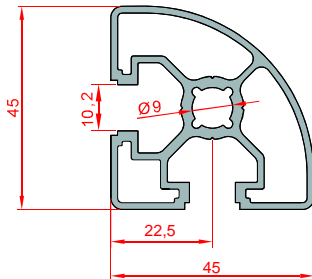
60x60 Sigma Profilee Double Slot
Kod: 1.1.08.060060.02



Using Area

Due to section type of 45x60 profile, it's preferred on machine frames' ties, on food carts, The bodies which has mounting pneumatic on them. Thin walled Light Series are used on ; Section walls which has not much loads, on Ceiling decorate chasis, carrying beams Heavy Series; Due to the section type of the profile, can resist more heavy loads, it's preferred on high loaded chasis' legs and the areas which needs extra support

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|-----------------------|-----------------------|----------------------|---------------------|----------------------|-----------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 45 x 60 | 6063 | 6000 | 31,29 cm ⁴ | 18,45 cm ⁴ | 11,9cm ³ | 10,1cm ³ | 9,45 cm ² | 2,51 Kg/m | 1.1.10.045060.01 |
| 60 x 60 | 6063 | 6000 | 29,85 cm ⁴ | 29,85 cm ⁴ | 10,6cm ³ | 10,6cm ³ | 8,8cm ² | 2,46 Kg/m | 1.1.10.060060.02 |
| 60 x 60 | 6063 | 6000 | 29,85 cm ⁴ | 29,85 cm ⁴ | 10,6cm ³ | 10,6cm ³ | 8,8cm ² | 2,46 Kg/m | 1.1.10.060060.02 |

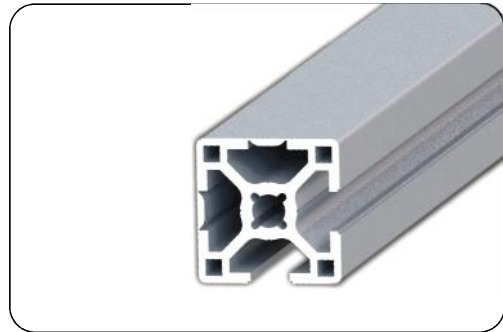
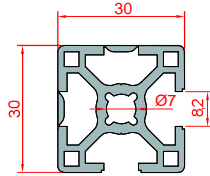
**20x20 Radiuslu Sigma Profile**Kod: [1.1.06.020020.08](#)**30x30 Radiuslu Sigma Profile**Kod: [1.1.08.030030.08](#)**45x45 Radiuslu Sigma Profile**Kod: [1.1.10.045045.08](#)**UsingArea**

This profile is used in where decorative appearance is preferred such as designs of stands, panels, and cabins. An aesthetic appearance is obtained by applications of special connectors and accessories.

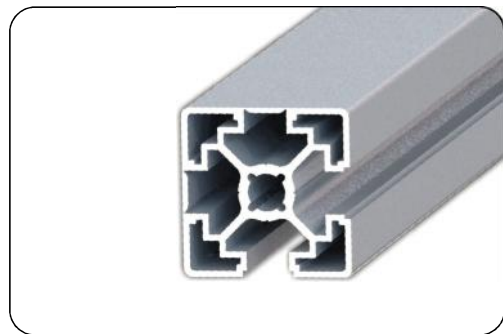
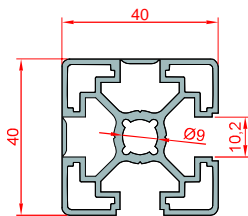
| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 20x20 | 6063 | 6000 | 0,65 cm ⁴ | 0,65 cm ⁴ | 0,55 cm ³ | 0,55 cm ³ | 1,42 cm ² | 0,38 Kg/m | 1.1.06.020020.08 |
| 30x30 | 6063 | 6000 | 2,15 cm ⁴ | 2,15 cm ⁴ | 1,2 cm ³ | 1,2 cm ³ | 2,78 cm ² | 0,72 Kg/m | 1.1.08.030030.08 |
| 45x45 | 6063 | 6000 | 8,5 cm ⁴ | 8,5 cm ⁴ | 3,4 cm ³ | 3,4 cm ³ | 4,46 cm ² | 1,17 Kg/m | 1.1.10.045045.08 |

30x30 S8 Closed Ind.aluminium Profile

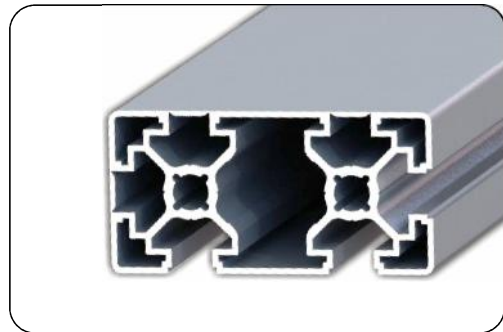
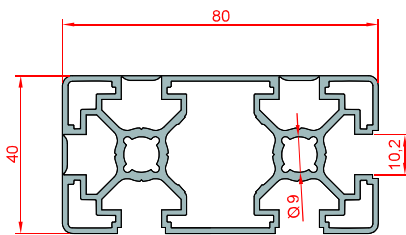
Kod: 1.1.08.030030.05

**40x40 S10 Closed Ind.aluminium Profile**

Kod: 1.1.10.040040.05

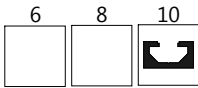
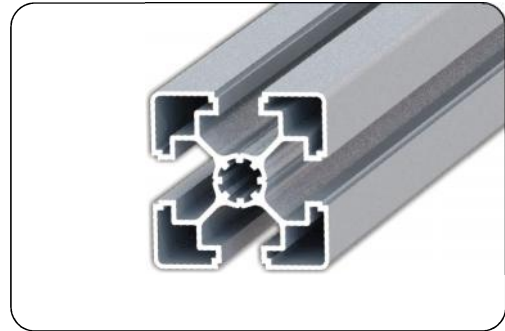
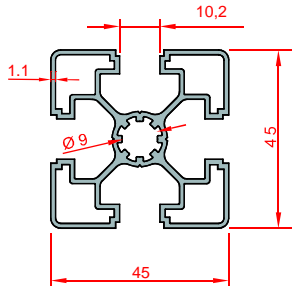
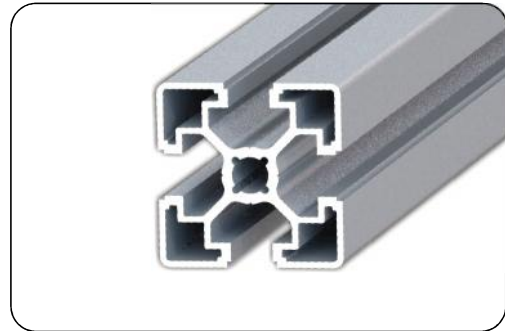
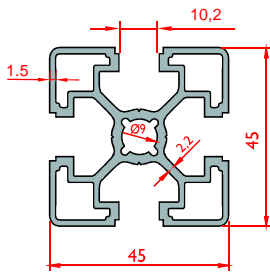
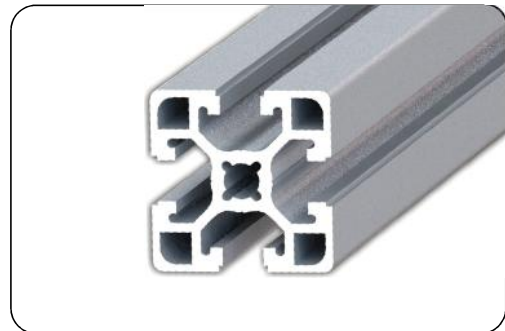
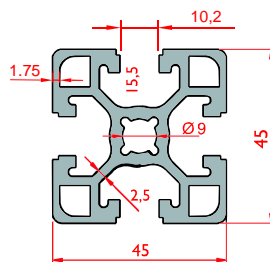
**40x80 S10 Closed Ind.aluminium Profile**

Kod: 1.1.10.040080.05

**Using Area**

Its closed exterior surface provides hygiene and aesthetic appearance. Preferable to use on building of filling machines medicine production lines, packing units etc. Closed canals can be opened for the accessories to be place in.

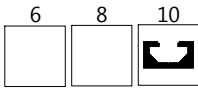
| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|---------------------|---------------------|----------------------|--------------------|--------------------|-----------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 30 x 30 | 6063 | 6000 | 3,11cm ⁴ | 3,13cm ⁴ | 1,8cm ³ | 1,8cm ³ | 3,4cm ² | 0,86 Kg/m | 1.1.08.030030.05 |
| 40 x 40 | 6063 | 6000 | 7,24cm ⁴ | 7,27cm ⁴ | 4,4cm ³ | 4,4cm ³ | 4,6cm ² | 1,27 Kg/m | 1.1.08.040040.05 |
| 40 x 80 | 6063 | 6000 | 50,9cm ⁴ | 12,9cm ⁴ | 13,4cm ³ | 6,6cm ³ | 7,7cm ² | 2,04 Kg/m | 1.1.08.040080.05 |

**45x45 Süper Light Sigma Profile**Code: [1.1.10.045045.03](#)**45x45 Light Sigma Profile**Code: [1.1.10.045045.02](#)**45x45 A ır Sigma Profile**Code: [1.1.10.045045.01](#)**Using Area**

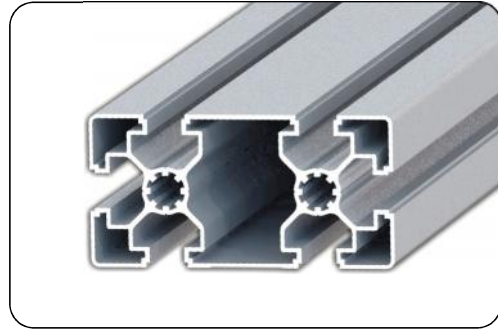
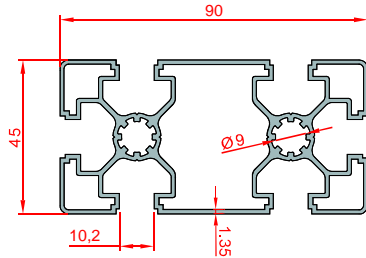
Light series are suitable for light chassis that require low resistance. Used for producing of close cabinets of machines, panels etc.

Heavy series are preferred interconnectors of machine chassis, strength constructions, line groups, automation process, and pneumatic-connected frames.

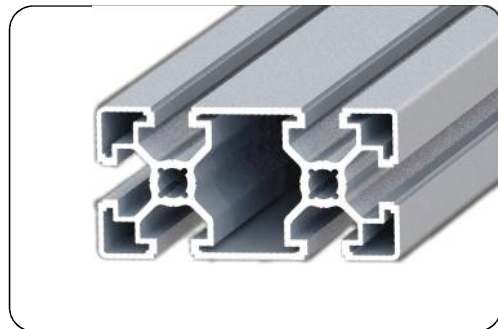
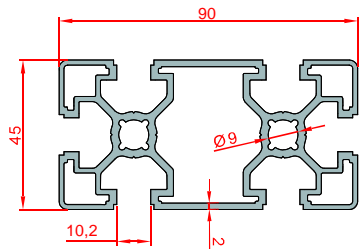
| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|-------------|----------|--------|-----------------------|-----------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 45 x 45(SL) | 6063 | 6000 | 8.26 cm ⁴ | 8.26 cm ⁴ | 3,6cm ³ | 3,6cm ³ | 4,28cm ² | 1,16 Kg/m | 1.1.10.045045.03 |
| 45 x 45(L) | 6063 | 6000 | 10.58 cm ⁴ | 10.58 cm ⁴ | 4,7cm ³ | 4,7cm ³ | 5,42cm ² | 1,46 Kg/m | 1.1.10.045045.02 |
| 45 x 45(A) | 6063 | 6000 | 14,99 cm ⁴ | 14,99 cm ⁴ | 6,2cm ³ | 6,2cm ³ | 7,41cm ² | 2,02 Kg/m | 1.1.10.045045.01 |

**45x90 Süper Light Sigma Profil**

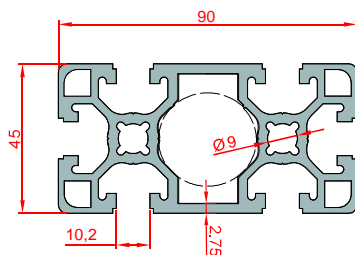
Code: 1.1.10.045090.03

**45x90 Light Sigma Profil**

Code: 1.1.10.045090.02

**45x90 A ır Sigma Profil**

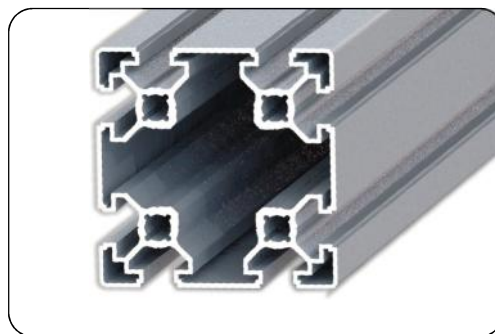
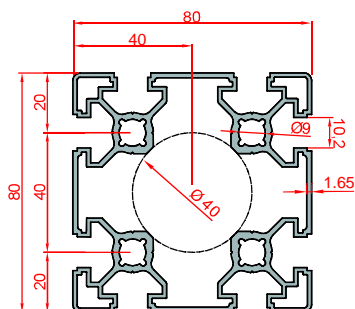
Code: 1.1.10.045090.01

**Using Area**

Light series are thin-structured which is used for low vibrating machine chassis that carry light load and light constructions.

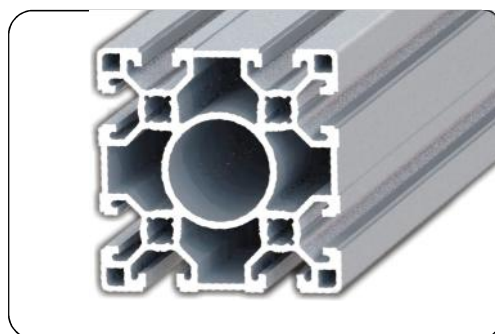
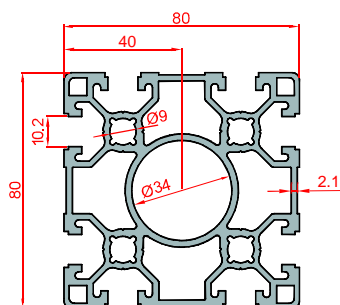
Heavy series are used for the constructions that require resistance, strong machine chassis. It is also used as frame profile on machines and conveyors.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|-------------|----------|--------|-----------------------|-----------------------|----------------------|----------------------|-----------------------|-----------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 45 x 90(SL) | 6063 | 6000 | 59,21 cm ⁴ | 15,21 cm ⁴ | 15,8 cm ³ | 7,9 cm ³ | 7,14 cm ² | 1,90 Kg/m | 1.1.10.045090.03 |
| 45 x 90(L) | 6063 | 6000 | 76,26 cm ⁴ | 20,62 cm ⁴ | 17,5 cm ³ | 9,8 cm ³ | 9,51 cm ² | 2,55 Kg/m | 1.1.10.045090.02 |
| 45 x 90(A) | 6063 | 6000 | 104,7 cm ⁴ | 28,3 cm ⁴ | 25,2 cm ³ | 13,2 cm ³ | 12,88 cm ² | 3,42 Kg/m | 1.1.10.045090.01 |

**80x80 Industrial Light Profile**Code: [1.1.10.080080.02](#)

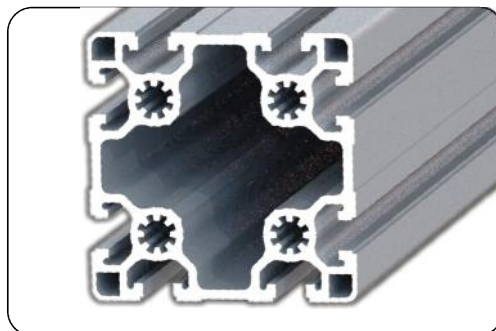
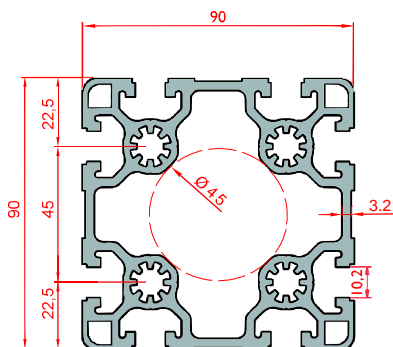
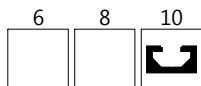
It is used in forming of poles of high constructions and ceiling decoration chassis as spot bearing beams. This wide profile types is made of thin-structured plate and suitable for low-loaded constructions.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 80 x 80 | 6063 | 6000 | 83,4 cm ⁴ | 83,4 cm ⁴ | 19,5 cm ³ | 19,5 cm ³ | 11,63 cm ² | 3,16 Kg/m | 1.1.10.080080.02 |

**80x80 Heavy Industrial Profile**Code: [1.1.10.080080.01](#)

The profile that provides resistance against middle loaded capacity is suitable for frames, machine chassis and bearing platform beams.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|----------------------|----------------------|----------------------|---------------------|---------------------|-----------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 80 x 80 | 6063 | 6000 | 114,6cm ⁴ | 114,6cm ⁴ | 28,5cm ³ | 28,5cm ³ | 17,2cm ² | 4,68 Kg/m | 1.1.10.080080.01 |

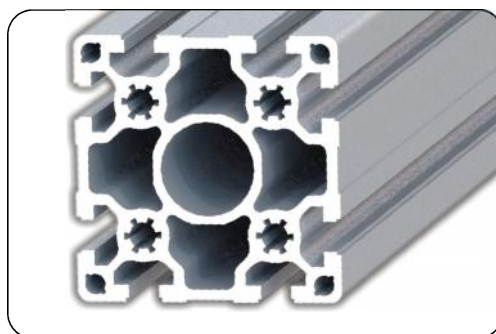
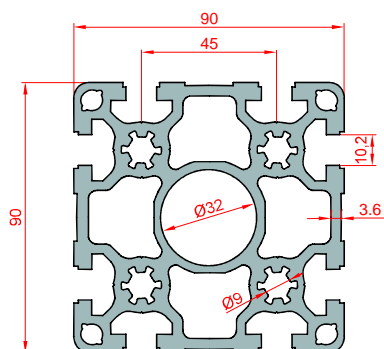


90x90 Industrial Light Profile

Code: [1.1.10.090090.02](#)

90x90 Industrial Light Profile It comes into prominence thanks to its ideal structure for systems that require middle resistance. Besides it is used for CNC chassis and feet, it is favourite for applications in long dimensions.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|------------|----------|--------|--------------------|--------------------|----------------------|---------------------|---------------------|-----------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 90 x 90(L) | 6063 | 6000 | 194cm ⁴ | 194cm ⁴ | 46,2cm ³ | 46,2cm ³ | 21,5cm ² | 5,83 Kg/m | 1.1.10.090090.02 |

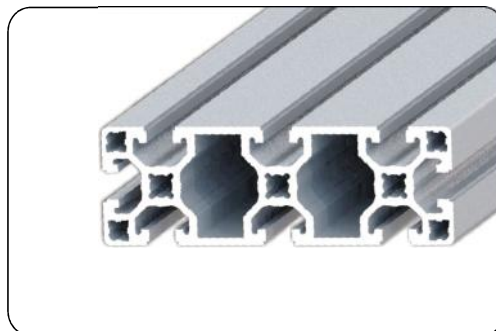
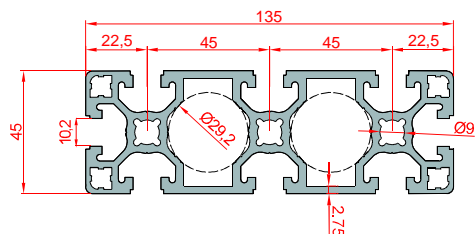
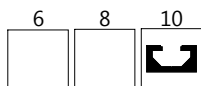


90x90 Industrial Heavy Profile

Code: [1.1.10.090090.01](#)

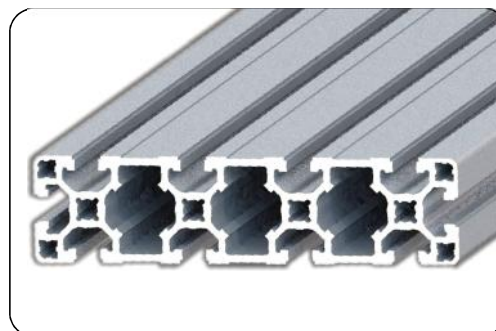
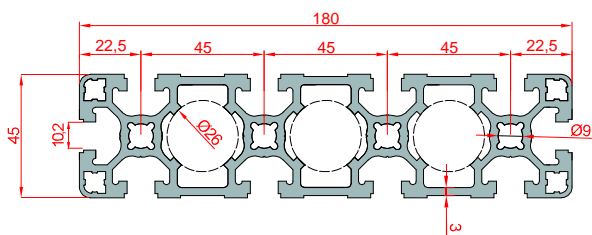
It is used in machine chassis that require high resistance and big constructions as carrier profile. It can be used also as chassis of guidance axis with mechanical parts integrated on it.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|------------|----------|--------|--------------------|--------------------|----------------------|---------------------|---------------------|-----------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 90 x 90(A) | 6063 | 6000 | 236cm ⁴ | 236cm ⁴ | 58,9cm ³ | 58,9cm ³ | 29.2cm ² | 7,54 Kg/m | 1.1.10.090090.01 |

**45x135 Industrial Profile**Code: [1.1.10.045135.02](#)

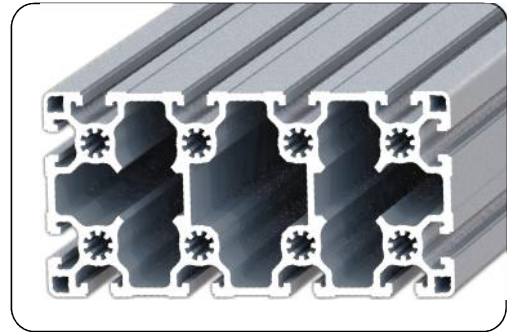
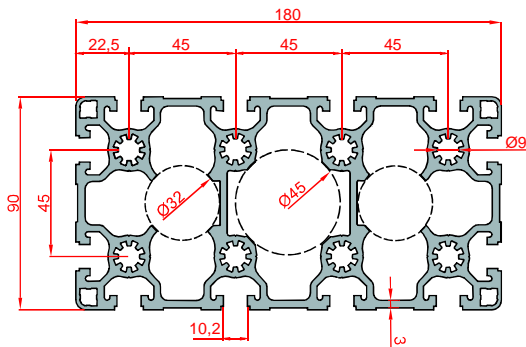
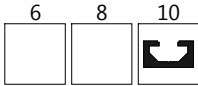
It generates dynamic substructure constructions which can handle hard working with ideal section. It's also can be used on guidance profiles and wide band conveyor chasis.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|--------------------|---------------------|----------------------|---------------------|---------------------|-----------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 45 x 135 | 6063 | 6000 | 324cm ⁴ | 41,8cm ⁴ | 61,8cm ³ | 22,8cm ³ | 18,3cm ² | 4,85 Kg/m | 1.1.10.045135.01 |

**45x180 Industrial Profile**Code: [1.1.10.045180.01](#)

It is one of the ideally preferred profile series for resistance required machine skeletons, side chassis and strong physical structures. Also it is produced as to be mounted with, 3 centers and 26 mm diameter bearing those provide sliding guidance feature with its design.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|--------------------|---------------------|----------------------|---------------------|---------------------|-----------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 45 x 180 | 6063 | 6000 | 747cm ⁴ | 56,7cm ⁴ | 88,4cm ³ | 29,7cm ³ | 25,1cm ² | 6,77 Kg/m | 1.1.10.045180.01 |

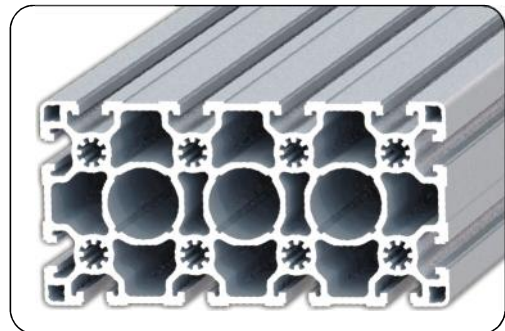
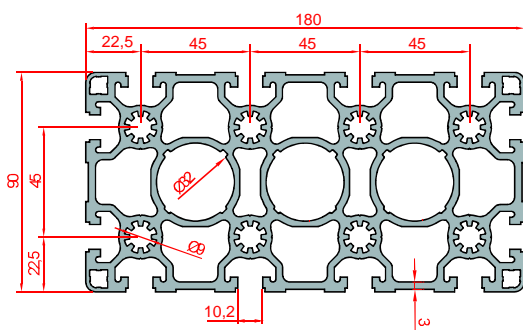
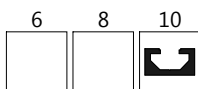


90x180 Light Industrial Profile

Code: [1.1.10.090180.02](#)

Internal desing of 90x180 Light Industrial Profile is improved to heavy series within circular bearing. 90x180 Light Industrial Profile provides momentum of chassis and all kind of machine applications.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|-------------|----------|--------|---------------------|--------------------|----------------------|-------------------|---------------------|------------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 90 x 180(L) | 6063 | 6000 | 1342cm ⁴ | 380cm ⁴ | 146cm ³ | 82cm ³ | 41,6cm ² | 10,95 Kg/m | 1.1.10.090180.02 |

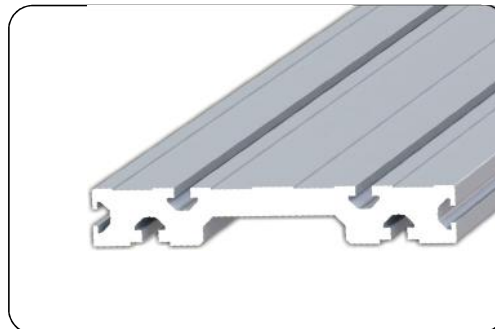
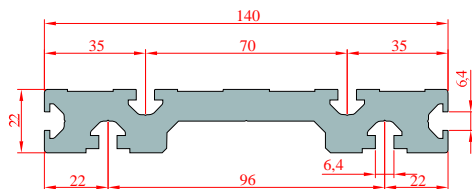
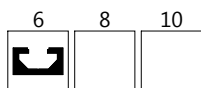


90x180 Heavy Industrial Profile

Code: [1.1.10.090180.01](#)

Strong reliable connections can be made by this profile which has a strong physical structure. It can be used on production of bodies of heavy construction machines, as bridge profile at CNC machines and on special designs. As it has wide usage area, It also can be used on linear motion system.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|-------------|----------|--------|---------------------|--------------------|----------------------|--------------------|---------------------|------------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 90 x 180(A) | 6063 | 6000 | 1422cm ⁴ | 384cm ⁴ | 164cm ³ | 102cm ³ | 46,8cm ² | 12,70 Kg/m | 1.1.10.090180.01 |

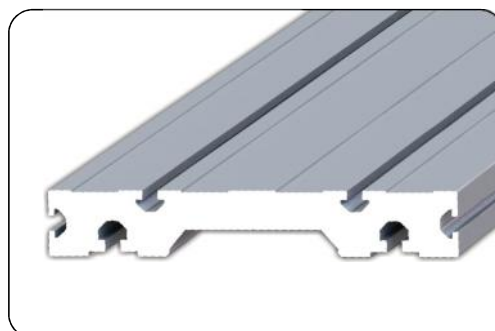
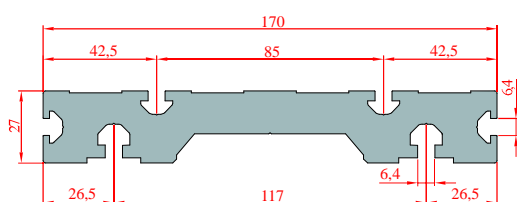
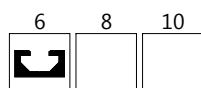


22x140 Surface Coating Profile

Code: [1.1.06.022140.07](#)

It is a strong surface coating profile. 22x140 Surface Coating Profile uses on the surface of machineries, part of testing equipment etc. Powerfull thickness of the 22x140 Surface Coating Profile provides strong connection between mechanical and pneumatic components.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|--------------------|--------------------|----------------------|-------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 22 x 140 | 6063 | 6000 | 365cm ⁴ | 7,2cm ⁴ | 7,2cm ³ | 14cm ³ | 19,8cm ² | 5,39 Kg/m | 1.1.06.022140.07 |

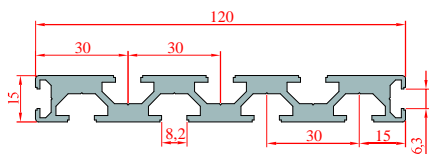
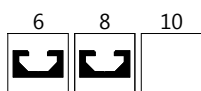


27x170 Surface Coating Profile

Code: [1.1.06.027170.07](#)

It is a highly strong surface coating profile. 27x170 Surface Coating Profile is used on the surface of heavy industrial machineries and on the componenets. Powerfull thickness of the 27 x 170 Surface Coating Profile provides strong and trustfull connection between mechanical and pneumatic components.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|--------------------|---------------------|----------------------|-------------------|----------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 27 x 170 | 6063 | 6000 | 852cm ⁴ | 16,8cm ⁴ | 88cm ³ | 20cm ³ | 32,44cm ² | 8,77 Kg/m | 1.1.06.027170.07 |

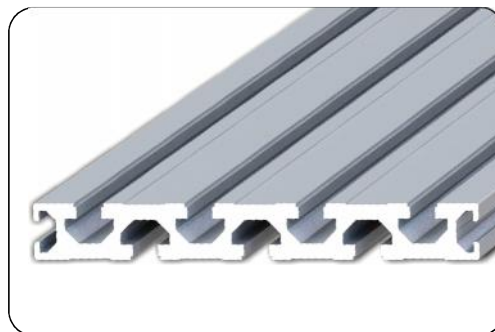
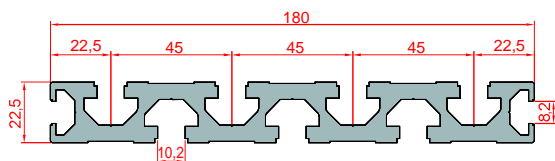
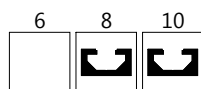


15x120 Surface Coating Profile

Code: [1.1.08.015120.07](#)

15x120 Surface Coating Profile mostly used for lighter and simple surface coating application according to other strong surface coatings. Slots on the surface are available to equipped for different components. Besides 15x120 Surface Coating profile can be used for working tables.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|----------------------|--------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 15 x 120 | 6063 | 6000 | 105,7cm ⁴ | 2,1cm ⁴ | 17,5cm ³ | 2,6cm ³ | 8,6 cm ² | 2,25 Kg/m | 1.1.08.015120.07 |



22,5x180 Surface Coating Profile

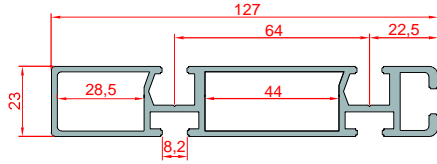
Code: [1.1.10.225180.07](#)

It is a kind of surface coating profile. It is used on CNC machine tables, test apparatus' side surfaces. Slots and powerfull thickness of the profile provides fixing connection of milling equipments.

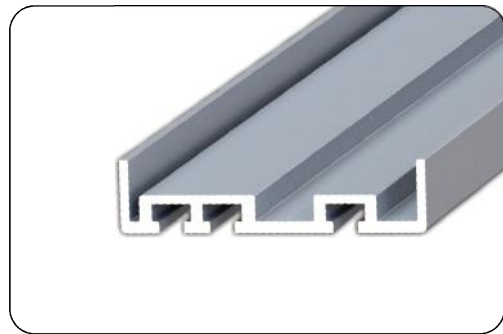
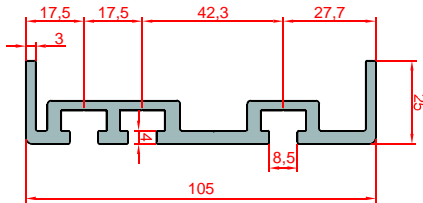
| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|------------|----------|--------|----------------------|---------------------|----------------------|---------------------|---------------------|-----------|----------------------------------|
| | | | I_x | I_y | W_x | W_y | | | |
| 22,5 x 180 | 6063 | 6000 | 570,9cm ⁴ | 11,7cm ⁴ | 66,7cm ³ | 14,6cm ³ | 21,1cm ² | 5,70 Kg/m | 1.1.08.225180.07 |

**23x127 Conveyor Profile**

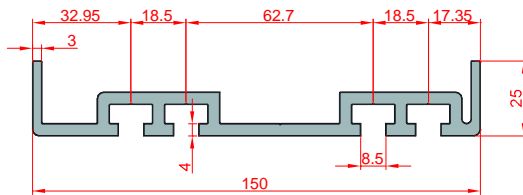
Code: 1.2.00.023127.00

**25x105 Conveyor Profile**

Code: 1.2.00.025105.00

**25x150 Conveyor Profile**

Code: 1.2.00.025150.00

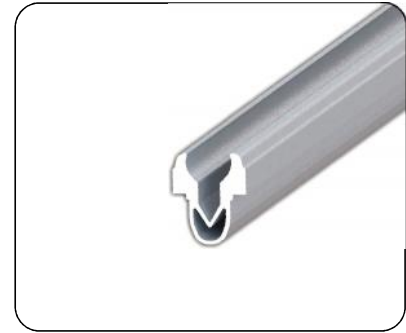
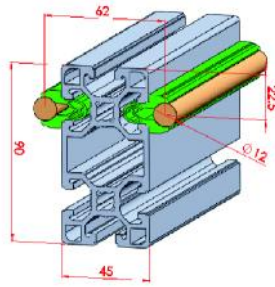
**Using Area**

23x127; Is used in the production of many different conveyors for forming the main body of the conveyor. Easily integrated connection equipments and accessories provide to practically mounting.

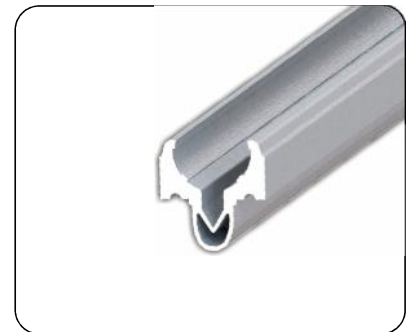
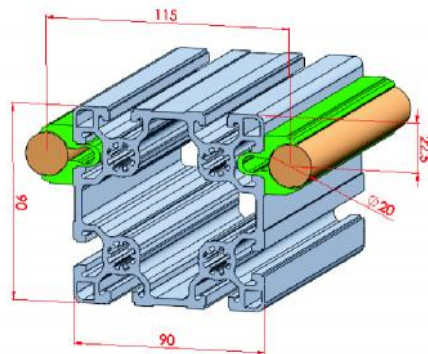
25x105 & 25x150; The profiles are produced by two different dimension for usage as side frame profile of Acetal and Modular belt conveyors. Mostly bottle filling, packaging and packaging units are preferred.

| External | Material | L (mm) | Inertia moment | | Moment of resistance | | Section Area | Mass | Stock Code |
|----------|----------|--------|----------------------|--------------------|----------------------|--------------------|---------------------|-----------|----------------------------------|
| | | | I _x | I _y | W _x | W _y | | | |
| 23 x 127 | 6063 | 6000 | 114,6cm ⁴ | 5,5cm ⁴ | 14cm ³ | 4,8cm ³ | 7,4cm ² | 2,05 Kg/m | 1.2.00.023127.00 |
| 25 x 105 | 6063 | 6000 | 87,1cm ⁴ | 2,4cm ⁴ | 9,2cm ³ | 6,7cm ³ | 7,45cm ² | 1,98 Kg/m | 1.2.00.025105.00 |
| 25 x 150 | 6063 | 6000 | 87,1cm ⁴ | 2,4cm ⁴ | 9,2cm ³ | 6,7cm ³ | 7,45cm ² | 1,98 Kg/m | 1.2.00.025150.00 |

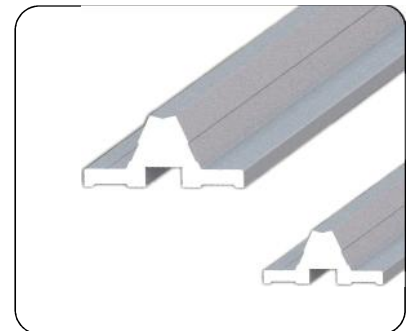
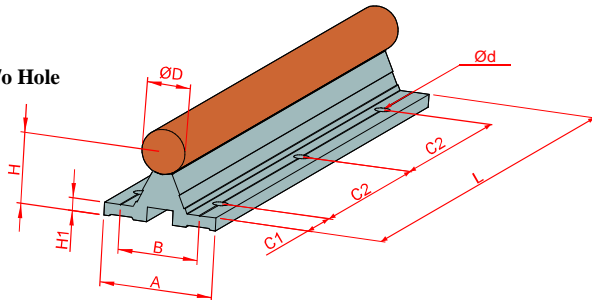
Ø 12 Clamping Profiles
Code: 1.3.12.000000.00



Ø 20 Clamping Profiles
Code: 1.3.20.000000.00



Shaft Support Profile W/o Hole



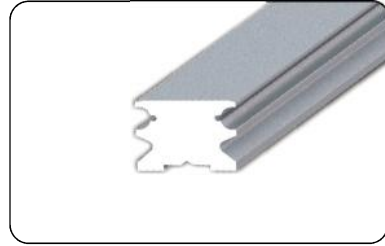
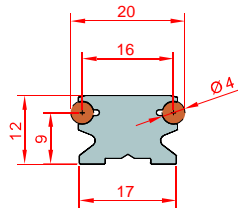
| PRODUCT NAME | WEIGHT KG/M | DIMENSION (MM) | | | | L MAX ; 6000 MM | | | | SHAFT SUPPORT PROFILE W/O HOLE CODE |
|------------------------------------|----------------|----------------|---------------|-----|----|-----------------|-----|-----|------------|---|
| | | A | H | H1 | B | Ød1 | C1 | C2 | K DIN 6912 | |
| Ø16 Shaft Support Profile W/o Hole | 0.84 | 45 | 26 ± 0.1 | 5 | 33 | 5.5 | 50 | 100 | M5x20 | 1.3.16.045018.00 |
| Ø20 Shaft Support Profile W/o Hole | 1.23 | 52 | 32 ± 0.1 | 5.8 | 37 | 6.5 | 50 | 100 | M6x25 | 1.3.20.052022.00 |
| Ø25 Shaft Support Profile W/o Hole | 1.44 | 57 | 36 ± 0.1 | 6 | 42 | 6.5 | 60 | 120 | M8x30 | 1.3.25.057024.00 |
| Ø30 Shaft Support Profile W/o Hole | 2.00 | 69 | 42 ± 0.15 | 7 | 51 | 8.5 | 75 | 150 | M10x35 | 1.3.30.069027.00 |
| Ø40 Shaft Support Profile W/o Hole | 2.60 | 73 | 50 ± 0.15 | 8 | 55 | 9 | 100 | 200 | M10x40 | 1.3.40.073030.00 |

Using Area

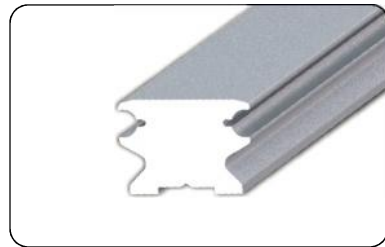
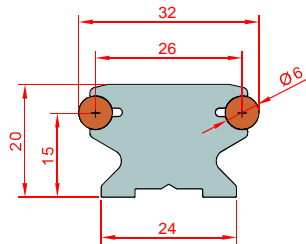
Clamping profiles provide assembling of light weighted guidance profiles. (above) Bar connections are preferred with shaft support units on heavy load designs. (below)

Ø4 Guidance Profile

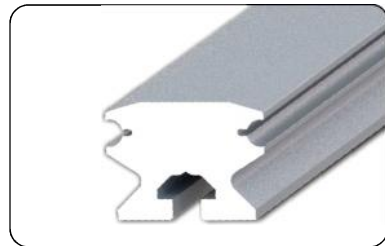
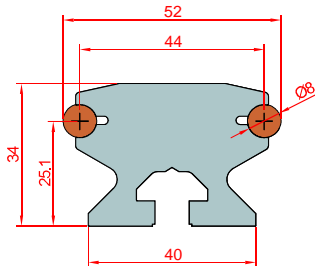
Code: 1.3.04.012017.00

**Ø 6 Guidance Profile**

Code: 1.3.06.020024.00

**Ø 8 Guidance Profile**

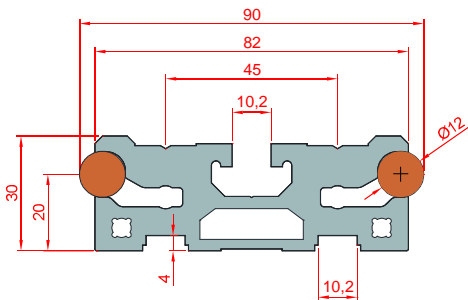
Code: 1.3.08.034040.00

**Using Area**

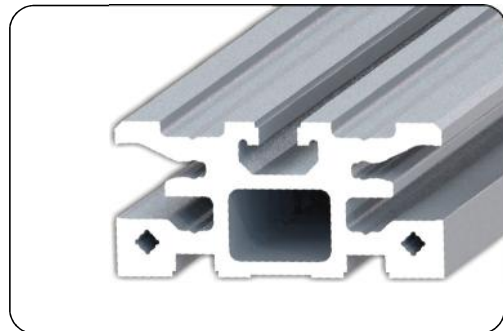
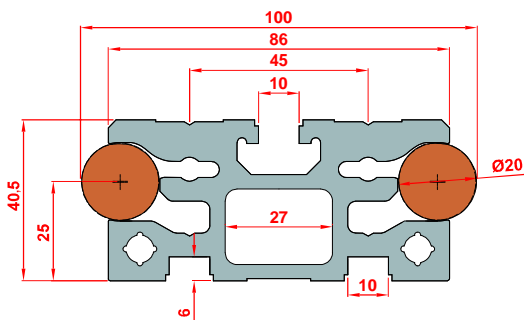
These guidance profile are reacted to used on low-load linear motion applications.

Ø 12 Guidance Profile

Code: 1.3.12.030082.00

**Ø 20 Guidance Profile**

Code: 1.3.20.040086.00

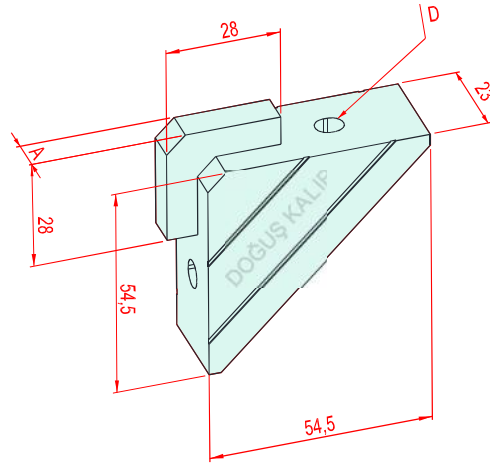
**Using Area**

The block guidance profiles are preferred for guidances by middle loading. It can be mounted on different sigma profiles and can be formed strong guidance group profiles.

6

8

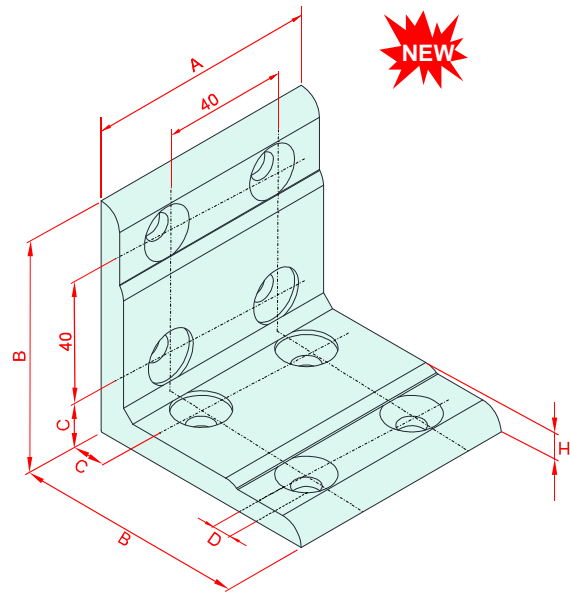
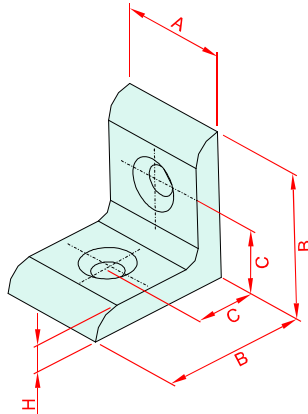
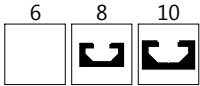
10



| Code | Dimension | Product Name | A | D | Material | Weight |
|------------------------------------|-----------|--------------------------|----|------|-----------|--------|
| 2.2.001.08.3030.02 | 30x30 | Narrow Gusset Connectors | 8 | Ø6.5 | Aluminium | 54 gr |
| 2.2.001.10.4545.02 | 45x45 | Narrow Gusset Connectors | 10 | Ø8.5 | Aluminium | 56 gr |

Using Area

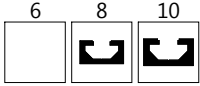
It provides connection of 90 degrees at profile applications. It is used for fixing corner combinations. It is preferred at the places where it is necessary to increase the durability and the resistance of frames and constructions.



| Code | Dimension | Product Name | A | B | C | D | Height | Material | Weight |
|------------------------------------|-----------|--------------------------|----|----|------|------|--------|-----------|--------|
| 2.2.001.08.3030.01 | 30x30 | Angle Bracket Connectors | 28 | 40 | 22.5 | Ø6 | 7 | Aluminium | 35 gr |
| 2.2.001.10.4545.01 | 45x45 | Angle Bracket Connectors | 40 | 40 | 22.5 | Ø8.2 | 7 | Aluminium | 49 gr |
| 2.2.001.10.8080.01 | 80x80 | Angle Bracket Connectors | 76 | 76 | 20 | Ø8.5 | 8,3 | Aluminium | 206 gr |

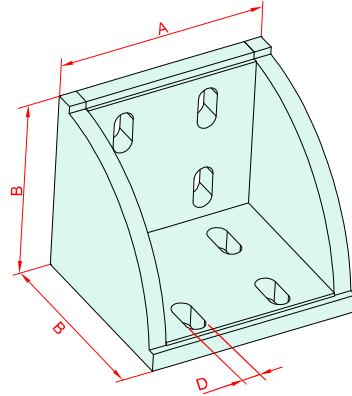
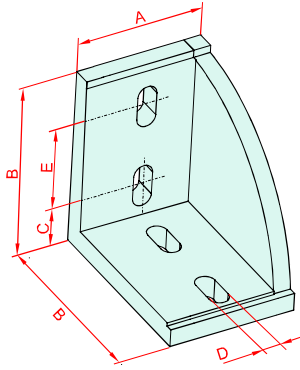
Using Area

Aluminum corner connections fix the profile and stops its rotation. With the connection feature fixing can be made on the desired place. It is used on lighter connections that do not require durability.



Long Gusset Connector
Kod: 2.2.001.10.4590.04

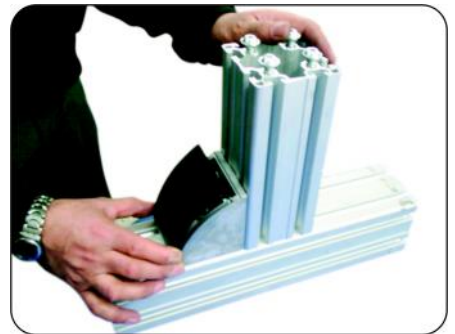
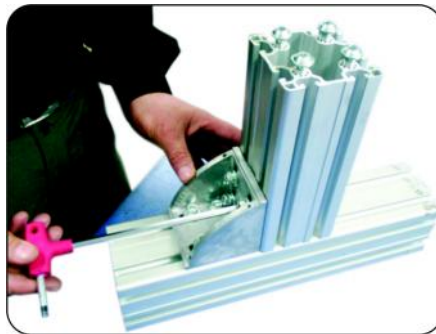
Wide Gusset Connector
Kod: 2.2.001.10.9090.03

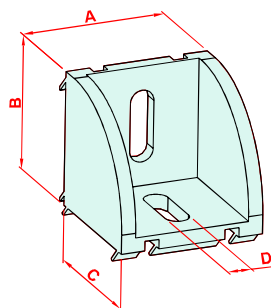
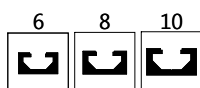


| Code | Dimension | Product Name | A | B | C | D | E | Material | Weight |
|--------------------|-----------|---------------------------|----|----|------|---|----|-----------|---------|
| 2.2.001.10.4590.04 | 45x90 | Long Corner Connector | 42 | 85 | 26,5 | 9 | 40 | Alüminyum | 186 gr |
| 2.2.001.10.9090.03 | 90x90 | Wide Gusset Connector | 86 | 85 | 26,5 | 9 | 40 | Alüminyum | 370 gr |
| 2.3.001.9090.04 | 90x90 | Corner Connector Cap Wide | - | - | - | - | - | Plastik | 31.5 gr |

Using Area

This corner connection is mostly used for large profiles. It is preferred at the places where it is necessary for increasing the durability.

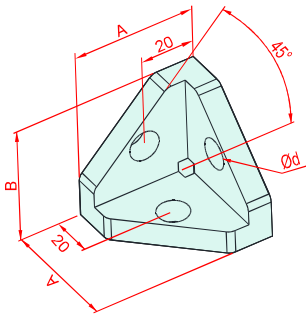
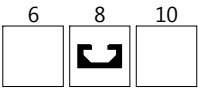




| Code | Dimension | Product Name | A | B | C | D | Material | Weight |
|------------------------------------|-----------|---------------------------|------|----|----|-----|-----------|---------|
| 2.2.001.06.2025.03 | 20-25 | Wide Gusset Connector | 17,5 | 20 | 20 | 5,2 | Zamac | 15.5 gr |
| 2.2.001.08.3030.03 | 30x30 | Wide Gusset Connector | 28,5 | 28 | 28 | 6,5 | Zamac | 41 gr |
| 2.2.001.10.4545.03 | 45x45 | Wide Gusset Connector | 43 | 44 | 44 | 9 | Aluminium | 73.5 gr |
| 2.3.001.2025.04 | 20-25 | Corner Connector Cap Wide | - | - | - | - | Plastic | 2 gr |
| 2.3.001.3030.04 | 30x30 | Corner Connector Cap Wide | - | - | - | - | Plastic | 4 gr |
| 2.3.001.4545.04 | 45x45 | Corner Connector Cap Wide | - | - | - | - | Plastic | 10 gr |

Using Area

This kind of corner connections are mostly used at small sized profiles. With it's plastic cover connection bolts don't appear.

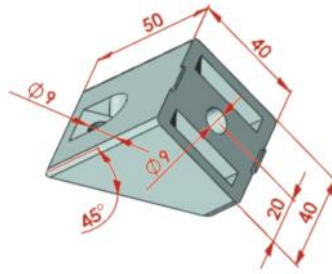
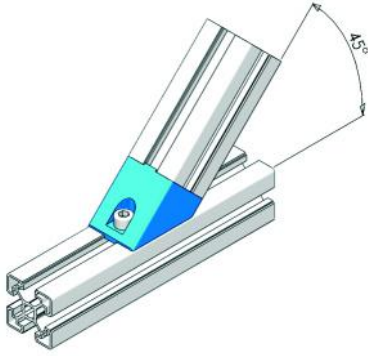
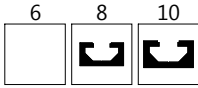


| Code | Dimension | Product Name | A | B | D | Material | Weight |
|--------------------|-----------|----------------------------|----|----|------|-----------|--------|
| 2.2.001.10.4040.06 | 40x40 | 3 Way Corner Connector | 36 | 36 | Ø8.5 | Aluminium | 56 gr |
| 2.3.001.4040.08 | 40x40 | 3 Way Corner Connector Cap | 40 | 40 | Ø8.5 | Aluminium | 7 gr |



Using Area

This profile can fix a few same profile with in internal corners.It presents a aesthetics view.It mostly use for machinery cabinets coating. Square section and angle sectioned profiles can be fixed with this profiles.

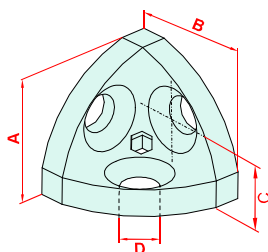
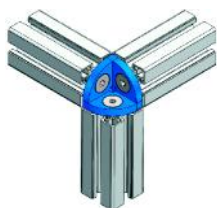
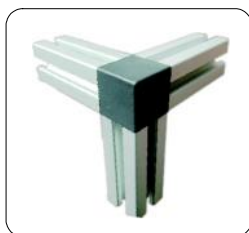


| Code | Dimension | Product Name | D | Material | Weight |
|---------------------------------|-----------|----------------------------|------|-----------|--------|
| 2.2.006.4040.10 | 40x40 | Angled Connection Part 45° | Ø8.5 | Alüminyum | 86 gr |



Using Area

It provides connection of 45 degrees at profile applications. It is used for fixing corner combinations. It is preferred at the places where it is necessary to increase the durability and the resistance of frames and constructions.



| Code | Dimension | Product Name | A | B | C | D | Material | Weight |
|------------------------------------|-----------|-------------------------------|------|------|------|------|-----------|--------|
| 2.2.001.06.2020.05 | 20x20 | Radiused Corner Connector | 18.5 | 18.5 | 10 | 6.5 | Alumunium | 12 gr |
| 2.2.001.08.3030.05 | 30x30 | Radiused Corner Connector | 28 | 28 | 15 | 8.5 | Alumunium | 42 gr |
| 2.2.001.10.4545.05 | 45x45 | Radiused Corner Connector | 42 | 42 | 22,5 | 10.5 | Alumunium | 136 gr |
| 2.3.001.2020.05 | 20x20 | Radiused Corner Connector Cap | — | — | — | — | Plastic | 2 gr |
| 2.3.001.3030.05 | 30x30 | Radiused Corner Connector Cap | — | — | — | — | Plastic | 4 gr |
| 2.3.001.4545.05 | 45x45 | Radiused Corner Connector Cap | — | — | — | — | Plastic | 14 gr |

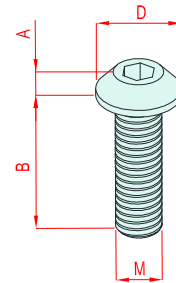
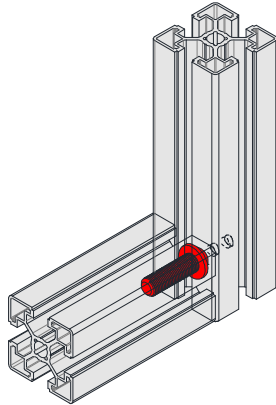
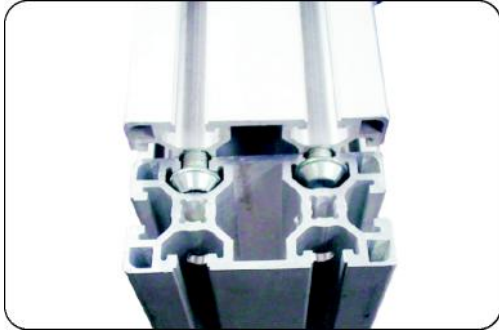
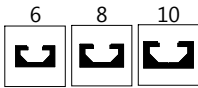
NEW


NEW

Using Area

This material can be used for connection profiles with radius. It presents an aesthetics view on table, booths, shelves and wall panels. Square and rectangular profile with radius can be fixed with this profile.

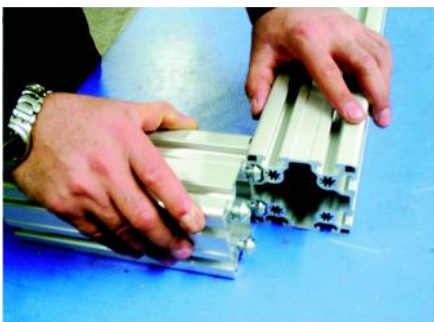


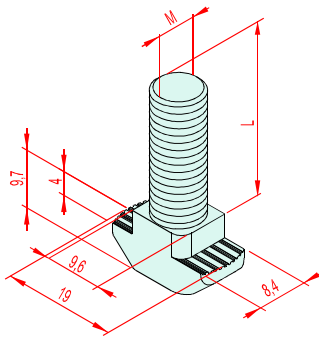
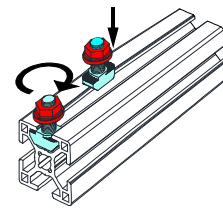
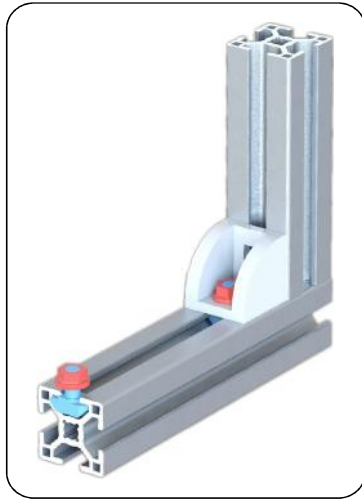


| Code |  | Product Name | M | A | B | ØD | Material | Weight |
|-------------------------------|---|--------------|-----|-----|----|------|-----------|--------|
| 2.1.011.06.25 | Slot 6 | Head Bolt | M6 | 3.5 | 20 | 10.5 | 8.8 Çelik | 4.5 gr |
| 2.1.011.08.30 | Slot 8 | Head Bolt | M8 | 5.2 | 25 | 16 | 8.8 Çelik | 13 gr |
| 2.1.011.10.30 | Slot 10 | Head Bolt | M10 | 6 | 30 | 17.5 | 8.8 Çelik | 21 gr |

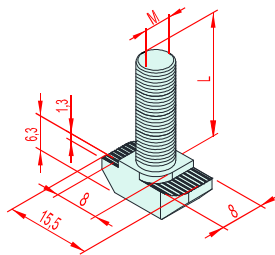
Using Area

Head bolts provide strong and practical connection into profiles. Springs under the bolts makes pressure through profile surface and not let weakness. Connection bolts stay into interior slots of profile and it brings an aesthetics to profiles.

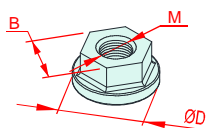




| Code | | Product Name | L | M | Material | Weight |
|---------------------------------|---------|------------------------|----|---|-----------|---------|
| 2.1.002.10.0825 | Slot 10 | M8x25 Hammer Screw Nut | 20 | 8 | 8.8 Steel | 14 gr |
| 2.1.002.10.0840 | Slot 10 | M8x40 Hammer Screw Nut | 35 | 8 | 8.8 Steel | 19 gr |
| 2.1.002.10.0860 | Slot 10 | M8x60 Hammer Screw Nut | 55 | 8 | 8.8 Steel | 25.5 gr |



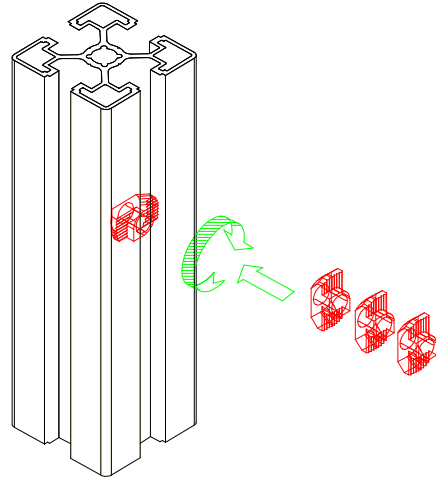
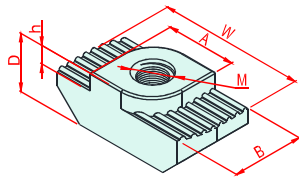
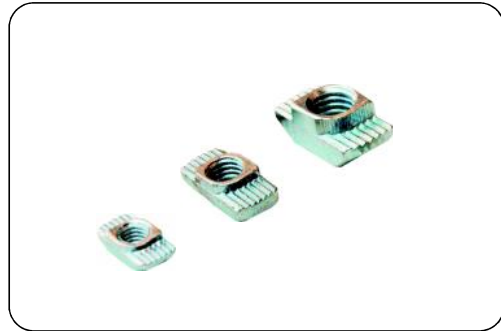
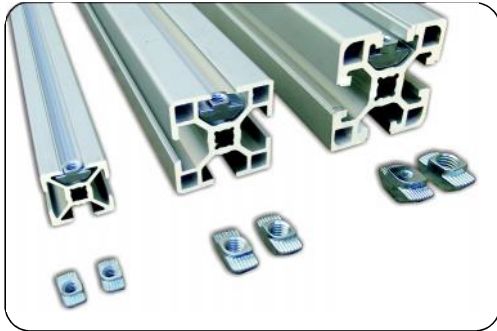
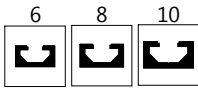
| Code | | Product Name | L | M | Material | Weight |
|---------------------------------|--------|------------------------|----|---|-----------|--------|
| 2.1.002.08.0620 | Slot 8 | M6x20 Hammer Screw Nut | 18 | 6 | 8.8 Steel | 7.5 gr |



| Code | M | Product Name | B | D | Material | Weight |
|-------------------------------|----|----------------|----|----|-----------|--------|
| 2.1.009.00.08 | M6 | Round head Nut | 10 | 13 | 8.8 Steel | 3 gr |
| 2.1.009.00.06 | M8 | Round head Nut | 13 | 17 | 8.8 Steel | 9,5 gr |

Using Area

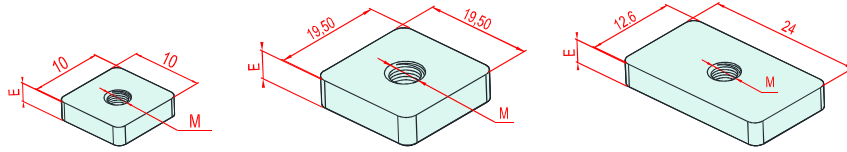
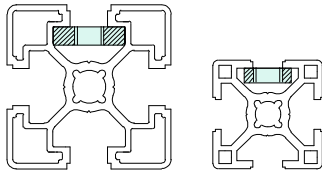
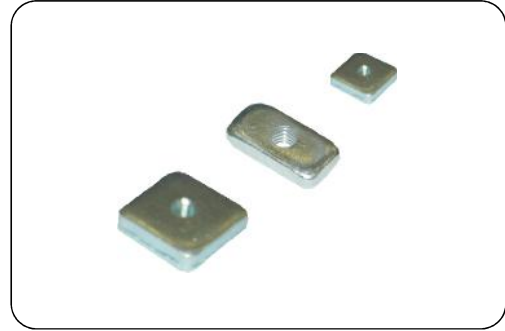
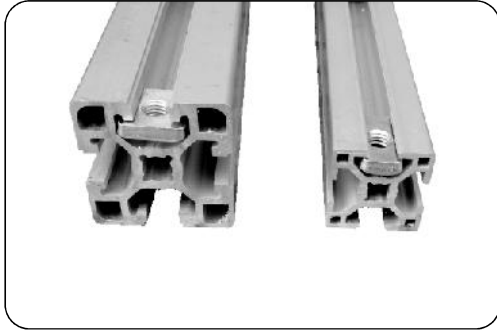
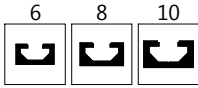
Hammer spring nuts provide practical connection of additional components into profiles. Length of hammer spring nuts are changeable according to length of the profile.



| Code | | Product Name | M | B | W | D | H | A | Material | Weight |
|-------------------------------|---------|--------------|----|-----|------|-----|-----|-----|-----------|--------|
| 2.1.001.06.04 | Slot 6 | Jagged Nut | M4 | 5.7 | 11.4 | 4.1 | 1.2 | 5.6 | 8.8 Steel | 1.2 gr |
| 2.1.001.06.05 | Slot 6 | Jagged Nut | M5 | 5.7 | 11.4 | 4.1 | 1.2 | 5.6 | 8.8 Steel | 1 gr |
| 2.1.001.08.04 | Slot 8 | Jagged Nut | M4 | 7.9 | 16 | 6.3 | 2 | 7.7 | 8.8 Steel | 3.6 gr |
| 2.1.001.08.05 | Slot 8 | Jagged Nut | M5 | 7.9 | 16 | 6.3 | 2 | 7.7 | 8.8 Steel | 3.3 gr |
| 2.1.001.08.06 | Slot 8 | Jagged Nut | M6 | 7.9 | 16 | 6.3 | 2 | 7.7 | 8.8 Steel | 3 gr |
| 2.1.001.10.04 | Slot 10 | Jagged Nut | M4 | 10 | 19 | 8.7 | 3 | 9.8 | 8.8 Steel | 7.5 gr |
| 2.1.001.10.05 | Slot 10 | Jagged Nut | M5 | 10 | 19 | 8.7 | 3 | 9.8 | 8.8 Steel | 7 gr |
| 2.1.001.10.06 | Slot 10 | Jagged Nut | M6 | 10 | 19 | 8.7 | 3 | 9.8 | 8.8 Steel | 6.5 gr |
| 2.1.001.10.08 | Slot 10 | Jagged Nut | M8 | 10 | 19 | 8.7 | 3 | 9.8 | 8.8 Steel | 5.5 gr |

Using Area

It provides making connections at profiles easily. Plus owing to its deckles it prevents getting loosen by pressing inside the profile. As it provides connection chance to profile canal from any place, it also can be taken out practically from the place it is mounted.

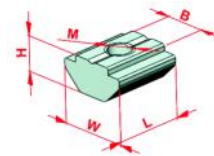
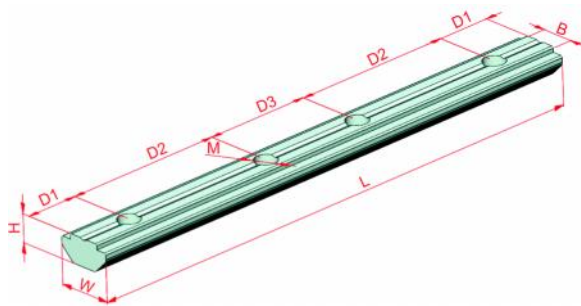
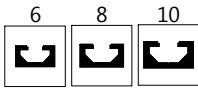


| Code | | Product Name | M | E | Material | Weight |
|-------------------------------|---------|---------------------------|-----|---|----------|---------|
| 2.1.005.08.04 | Slot 8 | Rectangular & Square Nuts | M4 | 5 | HRP | 10.5 gr |
| 2.1.005.08.05 | Slot 8 | Rectangular Nut | M5 | 5 | HRP | 10 gr |
| 2.1.005.08.06 | Slot 8 | Rectangular Nut | M6 | 5 | HRP | 10 gr |
| 2.1.005.08.08 | Slot 8 | Rectangular Nut | M8 | 5 | HRP | 9 gr |
| 2.1.004.10.04 | Slot 10 | Square Nut | M4 | 5 | HRP | 13.5 gr |
| 2.1.004.10.05 | Slot 10 | Square Nut | M5 | 5 | HRP | 13 gr |
| 2.1.004.10.06 | Slot 10 | Square Nut | M6 | 5 | HRP | 13 gr |
| 2.1.004.10.08 | Slot 10 | Square Nut | M8 | 5 | HRP | 12 gr |
| 2.1.004.10.10 | Slot 10 | Square Nut | M10 | 5 | HRP | 10.5 gr |
| 2.1.004.06.05 | Slot 6 | Square Nut Short | M5 | 4 | HRP | 9 gr |
| 2.1.004.06.06 | Slot 6 | Square Nut Short | M6 | 4 | HRP | 8 gr |

Using Area

Square Nuts: are mostly preferred at profiles having 10mm canal as an alternative of jugged nut applications.

Rectangular Nuts: are necessary to determine the place where it will be used and it can be connected by mounting to the profile channel at the beginning.



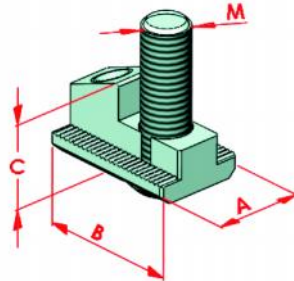
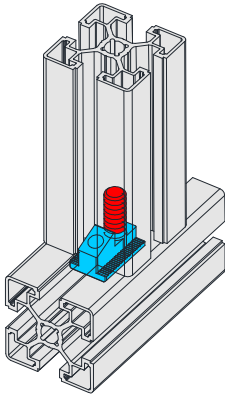
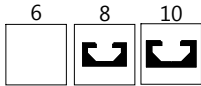
/ It is used on additional profile connections and strong connections.

| Code | | Product Name | M | B | W | L | D3 | D2 | D1 | H | Material | Weight |
|----------------|---------|------------------|----|-----|----|-----|----|----|-----|------|-----------|---------|
| 2.1.008.06.100 | Slot 6 | Long T Slot Nuts | M5 | 6 | 10 | 100 | 20 | 30 | 10 | 5 | 8.8 Stell | 29 gr |
| 2.1.008.08.120 | Slot 8 | Long T Slot Nuts | M6 | 7,8 | 16 | 120 | 35 | 35 | 7,5 | 6 | 8.8 Stell | 77.5 gr |
| 2.1.008.10.140 | Slot 10 | Long T Slot Nuts | M8 | 10 | 20 | 140 | 30 | 40 | 15 | 10,5 | 8.8 Stell | 150 gr |

| Code | | Product Name | M | B | W | L | H | Material | Weight |
|---------------|---------|--------------|----|------|----|----|------|-----------|---------|
| 2.1.006.06.04 | Slot 6 | T Slot Nuts | M4 | 6 | 10 | 10 | 5 | 8.8 Stell | 2.5 gr |
| 2.1.006.06.05 | Slot 6 | T Slot Nuts | M5 | 6 | 10 | 10 | 5 | 8.8 Stell | 2 gr |
| 2.1.006.06.06 | Slot 6 | T Slot Nuts | M6 | 6 | 10 | 10 | 5 | 8.8 Stell | 2 gr |
| 2.1.006.08.04 | Slot 8 | T Slot Nuts | M4 | 7.8 | 16 | 16 | 6 | 8.8 Stell | 9 gr |
| 2.1.006.08.05 | Slot 8 | T Slot Nuts | M5 | 7.8 | 16 | 16 | 6 | 8.8 Stell | 8.5 gr |
| 2.1.006.08.06 | Slot 8 | T Slot Nuts | M6 | 7.8 | 16 | 16 | 6 | 8.8 Stell | 8.5 gr |
| 2.1.006.08.08 | Slot 8 | T Slot Nuts | M8 | 7.8 | 16 | 16 | 6 | 8.8 Stell | 7.5 gr |
| 2.1.006.10.04 | Slot 10 | T Slot Nuts | M4 | 10.1 | 20 | 20 | 10,5 | 8.8 Stell | 21.5 gr |
| 2.1.006.10.05 | Slot 10 | T Slot Nuts | M5 | 10.1 | 20 | 20 | 10,5 | 8.8 Stell | 20.5 gr |
| 2.1.006.10.06 | Slot 10 | T Slot Nuts | M6 | 10.1 | 20 | 20 | 10,5 | 8.8 Stell | 19.5 gr |
| 2.1.006.10.08 | Slot 10 | T Slot Nuts | M8 | 10.1 | 20 | 20 | 10,5 | 8.8 Stell | 18.5 gr |

Using Area

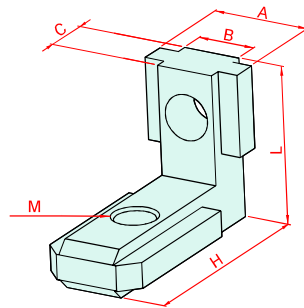
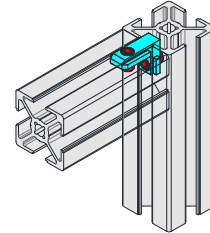
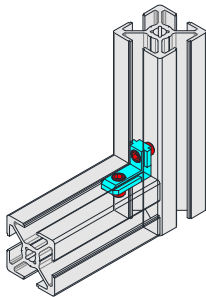
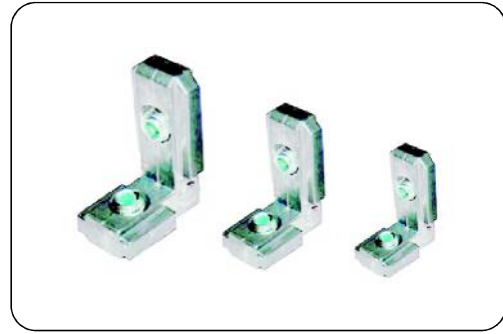
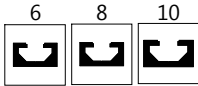
T slot nuts should be use for strong connection needed places. Long type of Tslot nuts fix profile clearly and make possible to tightly screwing profiles.



| Code | | Product Name | M | A | B | C | Material | Weight |
|-------------------------------|---------|----------------------|-----|----|------|------|----------|--------|
| 2.1.012.08.01 | Slot 8 | Inner Slot Connector | M8 | 15 | 26.4 | 12.5 | Steel | 15 gr |
| 2.1.012.10.04 | Slot 10 | Inner Slot Connector | M10 | 19 | 30 | 17.5 | Steel | 27 gr |

Using Area

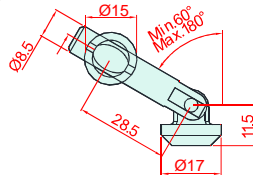
It provides 90° angle connection without making any holes on profiles. It's possible to fix the profile on desired area by loosening the setscrew.



| Code | | Product Name | M | A | B | C | L | H | Material | Weight |
|-------------------------------|---------|--------------------------|----|----|----|-----|------|----|----------|---------|
| 2.1.010.06.00 | Slot 6 | Inner Bracket Connectors | M5 | 9 | 6 | 4.8 | 13.5 | 20 | ZAMAC | 6 gr |
| 2.1.010.08.00 | Slot 8 | Inner Bracket Connectors | M6 | 13 | 8 | 6.7 | 21 | 30 | ZAMAC | 18.5 gr |
| 2.1.010.10.00 | Slot 10 | Inner Bracket Connectors | M8 | 17 | 10 | 8.4 | 27 | 40 | ZAMAC | 41 gr |

Using Area

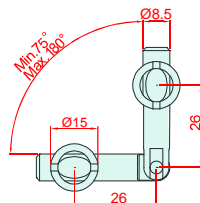
Hide corner connection part mostly used into weak internal or outside slots of profiles. Hide corner connections are used on applications which needs to hide connections.



| Code | | Product Name | Material | Weight |
|-------------------------------|---------|---------------------------|----------|--------|
| 2.1.012.10.02 | Slot 10 | Bolt Type Angle Connector | Steel | 53 gr |

Using Area

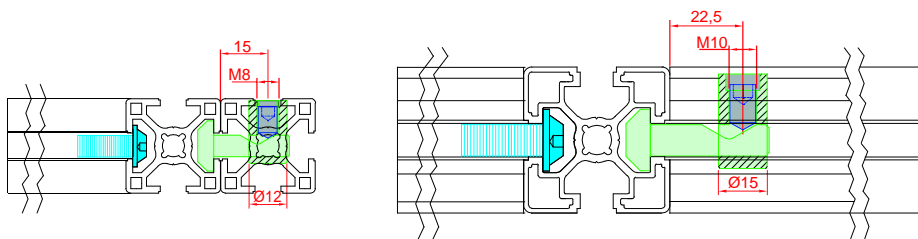
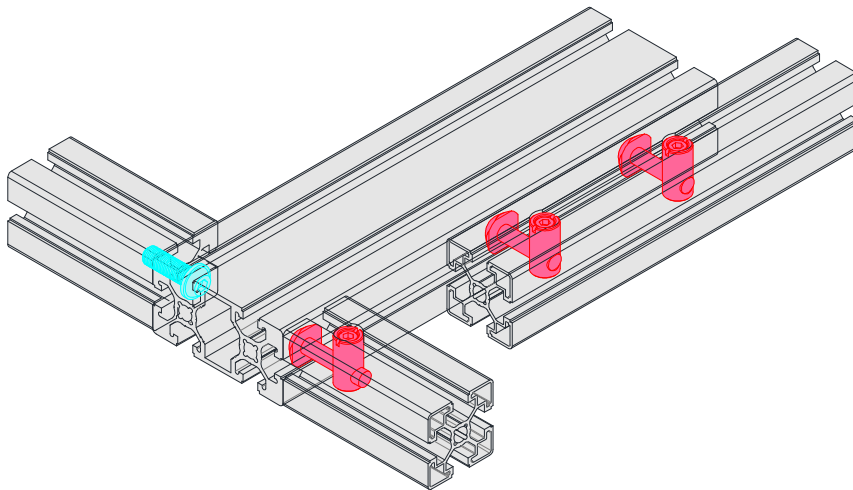
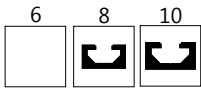
It provides connection between degreed cut profile and other profile surface. It presents connection 60° degree to 180° degree with adjustable head.



| Code | | Product Name | Material | Weight |
|-------------------------------|---------|---------------------------|----------|---------|
| 2.1.012.10.03 | Slot 10 | Bolt Type Joint Connector | Steel | 84.5 gr |

Using Area

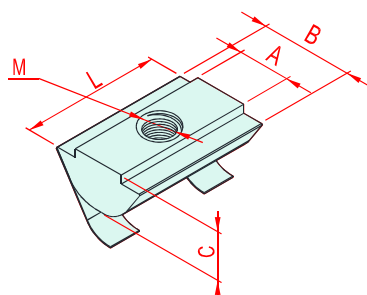
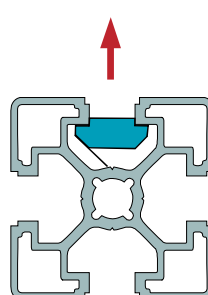
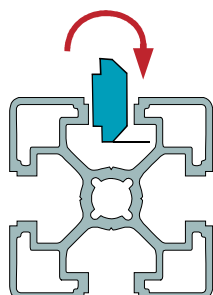
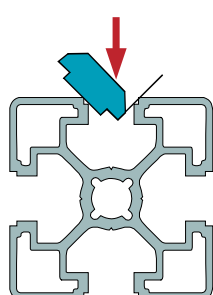
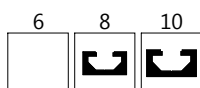
It is used for connecting two profile with their front side by pulling method. It provides connection between 75° - 180° angle.



| Code | | Product Name | Material | Weight |
|-------------------------------|---------|---------------------------|-----------|--------|
| 2.1.012.08.00 | Slot 8 | Bolt Type Rigid Connector | 8.8 Steel | 24 gr |
| 2.1.012.10.01 | Slot 10 | Bolt Type Rigid Connector | 8.8 Steel | 55 gr |

Using Area

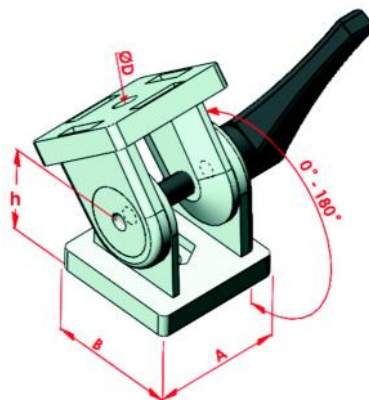
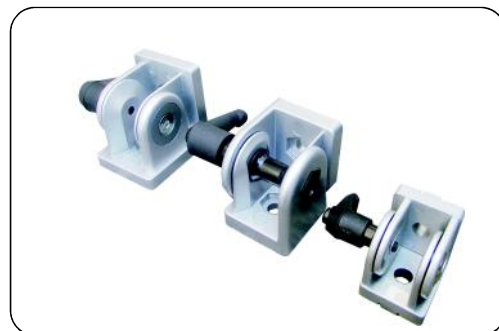
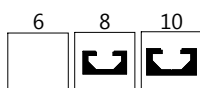
This connection part provides fixing profile equipment which is same connection axis. Besides can be used for parallel joints.



| Code | | Product Name | M | A | B | C | L | Material | Weight |
|-------------------------------|---------|-----------------|----|----|----|-----|----|-----------|---------|
| 2.1.003.08.04 | Slot 6 | Spring Slot Nut | M4 | 6 | 11 | 5.5 | 16 | 8.8 Steel | 5 gr |
| 2.1.003.08.05 | Slot 6 | Spring Slot Nut | M5 | 6 | 11 | 5.5 | 16 | 8.8 Steel | 4.5 gr |
| 2.1.003.08.06 | Slot 6 | Spring Slot Nut | M6 | 6 | 11 | 5.5 | 16 | 8.8 Steel | 4 gr |
| 2.1.003.08.04 | Slot 8 | Spring Slot Nut | M4 | 8 | 13 | 5.5 | 16 | 8.8 Steel | 3.8 gr |
| 2.1.003.08.05 | Slot 8 | Spring Slot Nut | M5 | 8 | 13 | 5.5 | 16 | 8.8 Steel | 4 gr |
| 2.1.003.08.06 | Slot 8 | Spring Slot Nut | M6 | 8 | 13 | 5.5 | 16 | 8.8 Steel | 5.5 gr |
| 2.1.003.08.08 | Slot 8 | Spring Slot Nut | M8 | 8 | 13 | 5.5 | 16 | 8.8 Steel | 4.5 gr |
| 2.1.003.10.04 | Slot 10 | Spring Slot Nut | M4 | 10 | 15 | 7.5 | 20 | 8.8 Steel | 12 gr |
| 2.1.003.10.05 | Slot 10 | Spring Slot Nut | M5 | 10 | 15 | 7.5 | 20 | 8.8 Steel | 11.5 gr |
| 2.1.003.10.06 | Slot 10 | Spring Slot Nut | M6 | 10 | 15 | 7.5 | 20 | 8.8 Steel | 11.5 gr |
| 2.1.003.10.08 | Slot 10 | Spring Slot Nut | M8 | 10 | 15 | 7.5 | 20 | 8.8 Steel | 10.5 gr |

Using Area

Spring nuts are mostly used when the nut needed stable and on vertical positons on assemblies.



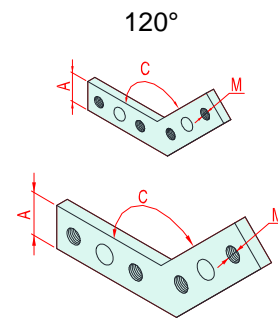
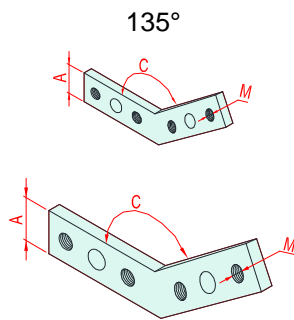
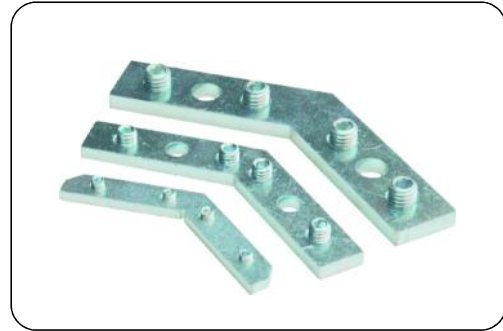
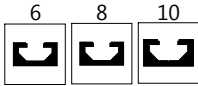
| Code | Product Name | A | B | D | H | Material | Weight |
|---------------------------------|--------------------|----|----|-------|------|----------|--------|
| 2.2.009.08.3030 | 30x30 Moving Joint | 30 | 30 | Ø8.5 | 22.5 | ZAMAC | 154 gr |
| 2.2.009.08.4040 | 40x40 Moving Joint | 40 | 40 | Ø8.5 | 30 | ZAMAC | 372 gr |
| 2.2.009.10.4545 | 45x45 Moving Joint | 45 | 45 | Ø10.5 | 30 | ZAMAC | 342 gr |



Using Area

It is used to connect fixed or moving profiles within an 180° angle area. It is easily connected to forehead and channel of the profile by the connection bolt. It provides a movement out of standards for the part. This profile make possible to create multi axis at double side applications.

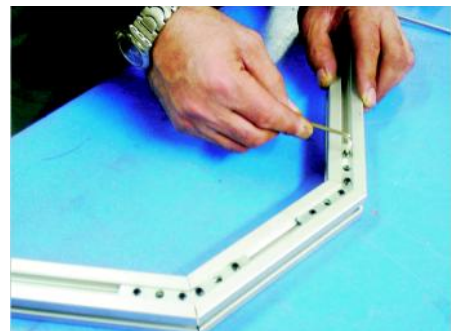
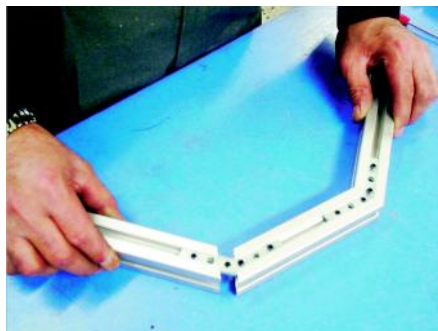


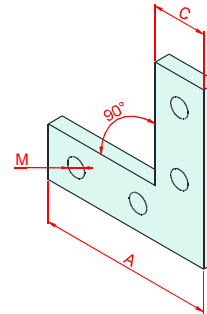
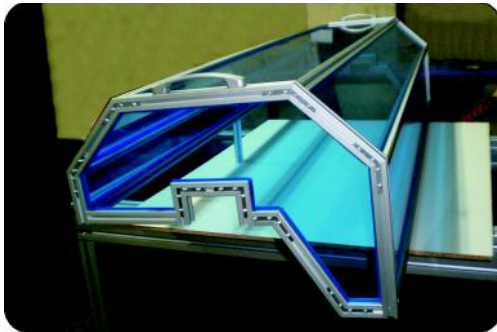
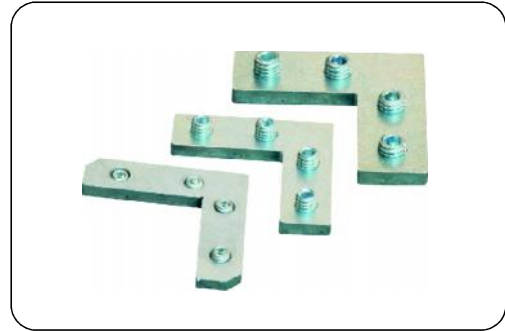
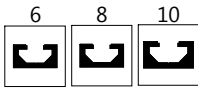


| Code | Dimension | Product Name | A | C | M | Material | Weight |
|-----------------------------------|-----------|-------------------------|------|-----|----|----------|--------|
| 2.2.011.06.120.20 | 20x20 | 120° Profile Connectors | 9.3 | 120 | M4 | Steel | 17 gr |
| 2.2.011.06.120.25 | 25x25 | 120° Profile Connectors | 12.3 | 120 | M5 | Steel | 27 gr |
| 2.2.011.08.120 | 30x30 | 120° Profile Connectors | 14 | 120 | M6 | Steel | 43 gr |
| 2.2.011.10.120 | 45x45 | 120° Profile Connectors | 19.5 | 120 | M8 | Steel | 92 gr |
| 2.2.011.06.135.20 | 20x20 | 135° Profile Connectors | 9.3 | 135 | M4 | Steel | 16 gr |
| 2.2.011.06.135.25 | 25x25 | 135° Profile Connectors | 12.3 | 135 | M5 | Steel | 27 gr |
| 2.2.011.08.135 | 30x30 | 135° Profile Connectors | 14 | 135 | M6 | Steel | 41 gr |
| 2.2.011.10.135 | 45x45 | 135° Profile Connectors | 19.5 | 135 | M8 | Steel | 88 gr |

Using Area

It's used on connections 120° - 135° degree which is not preferred from outside. Degreed connection parts are mounted inside channels and it provides easy and practical connections.

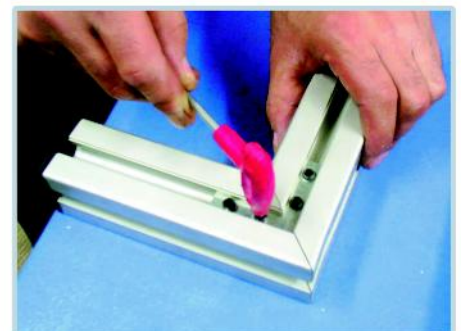
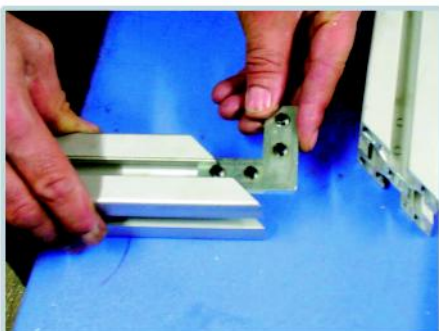


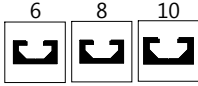


| Code | Dimension | Product Name | A | C | M | Material | Weight |
|-----------------------------------|-----------|------------------------|----|------|----|----------|---------|
| 2.2.011.06.090.20 | 20x20 | 90° Profile Connectors | 45 | 9.3 | M4 | Steel | 17.5 gr |
| 2.2.011.06.090.25 | 25x25 | 90° Profile Connectors | 45 | 12.3 | M5 | Steel | 30 gr |
| 2.2.011.08.090 | 30x30 | 90° Profile Connectors | 45 | 14 | M6 | Steel | 33.5 gr |
| 2.3.011.10.090 | 45x45 | 90° Profile Connectors | 55 | 19,5 | M8 | Steel | 71 gr |

Using Area

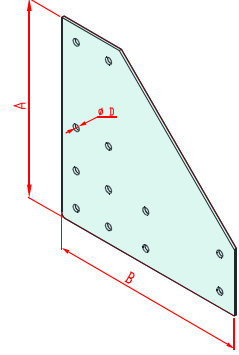
It is preferred on 90 degree connections which are undesired connection elements at outer side of profile . Graded connection parts are attached easily and quickly by connecting into the canal.





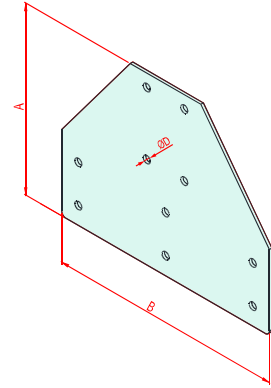
İki Yönlü Bağlantı Sacları

| Code | Dimension | Product Name | A | B | ØD | Material | Weight |
|------------------------------------|-----------|-------------------|-----|-----|-----|----------|----------|
| 2.2.002.06.2025.02 | 20x25 | Connection Plates | 75 | 75 | 5 | Steel | 96.5 gr |
| 2.2.002.08.3030.02 | 30x30 | Connection Plates | 80 | 80 | 6.5 | Steel | 119 gr |
| 2.2.002.10.4545.02 | 45x45 | Connection Plates | 120 | 120 | 8.5 | Steel | 256 gr |
| 2.2.002.10.9090.02 | 90x90 | Connection Plates | 240 | 240 | 8.5 | Steel | 1.782 gr |



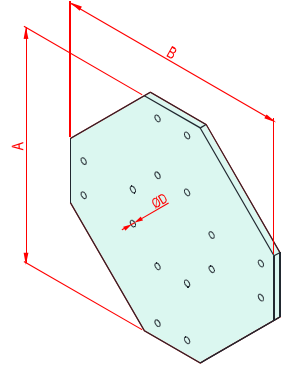
Üç Yönlü Bağlantı Sacları

| Code | Dimension | Product Name | A | B | ØD | Material | Weight |
|------------------------------------|-----------|------------------|-----|-----|-----|----------|----------|
| 2.2.002.06.2025.03 | 20x25 | Connection Plate | 75 | 86 | 5 | Steel | 109.5 gr |
| 2.2.002.08.3030.03 | 30x30 | Connection Plate | 90 | 150 | 6.5 | Steel | 221.5 gr |
| 2.2.002.10.4545.03 | 45x45 | Connection Plate | 120 | 160 | 8.5 | Steel | 322 gr |
| 2.2.002.10.9090.03 | 90x90 | Connection Plate | 200 | 250 | 8.5 | Steel | 1.581 gr |



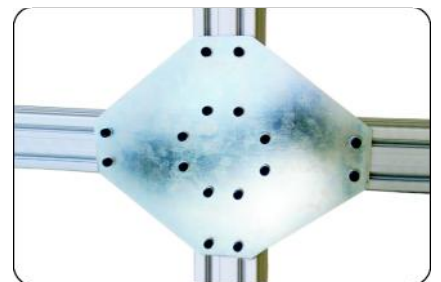
Dört Yönlü Bağlantı Sacları

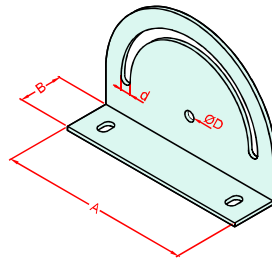
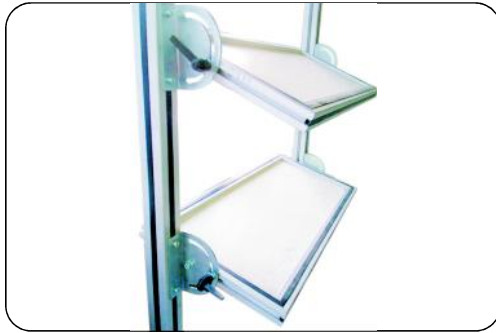
| Code | Dimension | Product Name | A | B | ØD | Material | Weight |
|------------------------------------|-----------|------------------|-----|-----|-----|----------|----------|
| 2.2.002.06.2025.04 | 20x25 | Connection Plate | 130 | 130 | 5 | Steel | 248 gr |
| 2.2.002.08.3030.04 | 30x30 | Connection Plate | 150 | 150 | 6.5 | Steel | 334 gr |
| 2.2.002.10.4545.04 | 45x45 | Connection Plate | 180 | 180 | 8.5 | Steel | 689 gr |
| 2.2.002.10.9090.04 | 90x90 | Connection Plate | 311 | 311 | 8.5 | Steel | 2.739 gr |



Using Area

It's possible to mount more than one profile by using bolts without making any holes on profiles. It's mostly used on machines and conveyors's feet and it provides an aesthetics appearance. It's used as support on areas which need strenght Also it provides alternative option connection as support

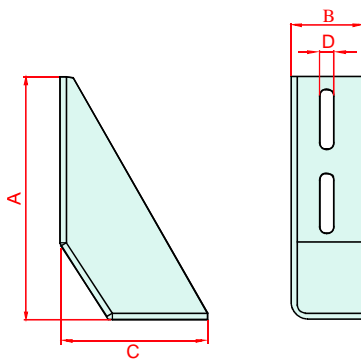




| Code | | Product Name | A | B | d | Ø D | Material | Weight |
|------------|---------|------------------------|-----|----|-----|-----|----------|----------|
| 2.2.007.08 | Slot 8 | Shelf Adjusting Plates | 120 | 30 | 6.5 | 6.5 | Steel | 247.5 gr |
| 2.2.007.10 | Slot 10 | Shelf Adjusting Plates | 120 | 38 | 8.5 | 8.5 | Steel | 242.5 gr |

Using Area

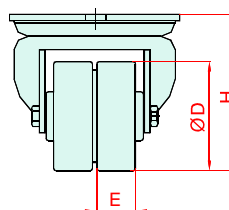
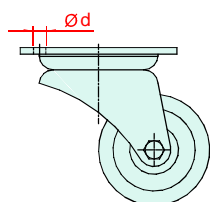
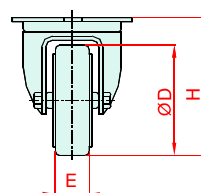
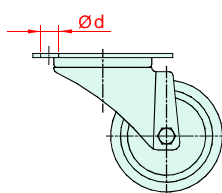
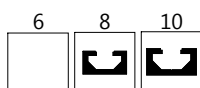
It enables adjustment of the tripods and tables desired in an area of 180 degrees. It provides fixing by tightening arms at desired angle.



| Code | Product Name | A | B | C | D | Material | Weight |
|---------------|--------------------|-----|----|----|---|----------|----------|
| 2.2.002.00.00 | Foundation Bracket | 153 | 45 | 92 | 9 | Steel | 488.5 gr |

Using Area

It provides fixing feet to the floor by conveyor and machine chassis according to the usage place. It consists of two types; left and right. One side is attached to profile and the other side is fixed to the floor by steel plugs.

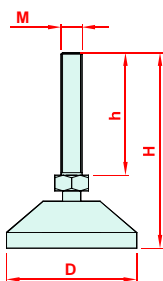
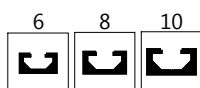


| Code | Product Name | E | Ø D | Ø d | H | Loading Capacity | Material | Weight |
|--------------------------------|---------------------------|----|-----|-----|-----|------------------|----------|--------|
| 2.3.004.050.01 | Ø 50 Single Caster Wheel | 20 | 50 | 10 | 70 | 35 kg | Polyamid | 204 gr |
| 2.3.004.050.02 | Ø 50 Double Caster Wheel | 20 | 50 | 10 | 70 | 55 kg | Polyamid | 277 gr |
| 2.3.004.075.01 | Ø 75 Single Caster Wheel | 25 | 75 | 10 | 100 | 60 kg | Polyamid | 298 gr |
| 2.3.004.075.02 | Ø 75 Double Caster Wheel | 25 | 75 | 10 | 100 | 80 kg | Polyamid | 538 gr |
| 2.3.004.100.01 | Ø 100 Single Caster Wheel | 30 | 100 | 12 | 130 | 140 kg | Polyamid | 719 gr |

Using Area

Rollers present movement on modular applications e-g Service carts, Chasis and conveyors. Various roller types are preferred in accordance to different profile types. Also it can be fixed apparatus with locking.



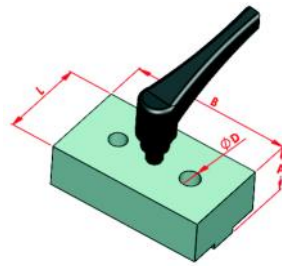
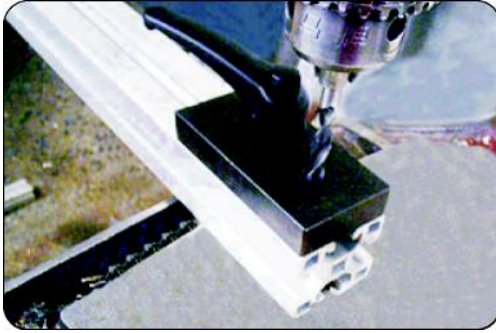
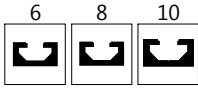


| Code | Product Name | D | M | H | h | Material | Weight | Carrying Capacity |
|------------------------------|---------------------------------|-------|-----|-----|-----|---------------|----------|-------------------|
| 2.3.002.0650 | M6 Plastic Leveling Feets | Ø 41 | M6 | 86 | 45 | Plastic | 41 gr | 39 kg |
| 2.3.002.0845 | M8 Plastic Leveling Feets | Ø 41 | M8 | 80 | 40 | Plastic | 47 gr | 49.5 kg |
| 2.3.002.1050 | M10 Plastic Leveling Feets | Ø 60 | M10 | 100 | 50 | Plastic | 116 gr | 114 kg |
| 2.3.002.1250 | M12 Plastic Leveling Feets | Ø 60 | M12 | 100 | 50 | Plastic | 136 gr | 152kg |
| 2.3.002.1650 | M16 Plastic Leveling Feets | Ø 110 | M16 | 160 | 110 | Plastic | 314 gr | 325.5 kg |
| 2.3.003.060 | M10 Chromed Metal Leveling Feet | Ø 60 | M10 | 85 | 50 | Chromed-Steel | 188 gr | 190 kg |
| 2.3.003.080 | M12 Chromed Metal Leveling Feet | Ø 80 | M12 | 150 | 100 | Chromed-Steel | 479 gr | 489 kg |
| 2.3.003.120 | M16 Chromed Metal Leveling Feet | Ø 120 | M16 | 150 | 100 | Chromed-Steel | 1.081 gr | 1.150 kg |

Using Area

It presents contact between conveyors machine etc and floor. It can be adapted with floor easily with hinged structure. It has various options accordance to usage area.

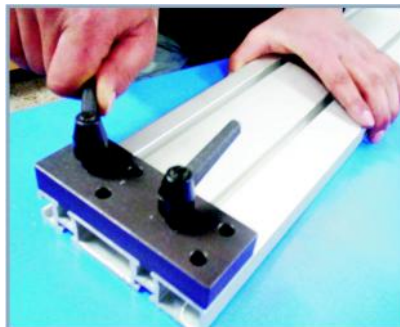
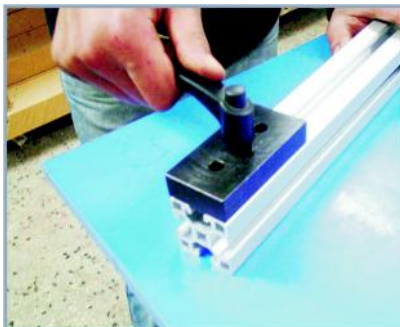


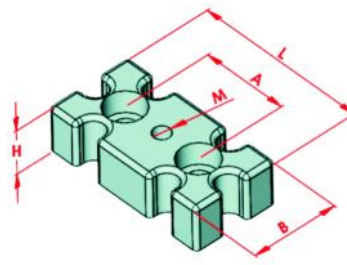
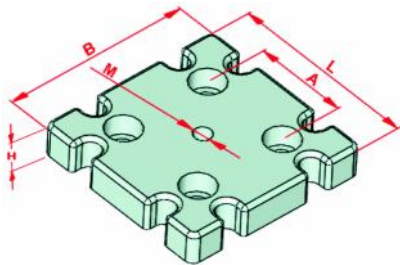
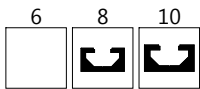


| Code | Product Name | A | B | L | ØD | Material | Weight |
|---------------------------------|------------------------|----|-----|----|------|--------------|---------|
| 2.3.007.2020 | 20x20 Hole Markers | 20 | 40 | 20 | Ø5.5 | Çelik 62 Hrc | 108 gr |
| 2.3.007.2525 | 25x25 Hole Markers | 20 | 50 | 25 | Ø5.5 | Çelik 62 Hrc | 169 gr |
| 2.3.007.3030 | 30x30 Hole Markers | 20 | 60 | 30 | Ø7 | Çelik 62 Hrc | 222 gr |
| 2.3.007.3535.01 | 35x35 (L) Hole Markers | 20 | 70 | 35 | Ø7 | Çelik 62 Hrc | 328 gr |
| 2.3.007.3535.02 | 35x35 (A) Hole Markers | 20 | 70 | 35 | Ø9 | Çelik 62 Hrc | 356 gr |
| 2.3.007.4040 | 40x40 Hole Markers | 20 | 80 | 40 | Ø9 | Çelik 62 Hrc | 411 gr |
| 2.3.007.4545 | 45x45 Hole Markers | 20 | 90 | 45 | Ø9 | Çelik 62 Hrc | 508 gr |
| 2.3.007.8080 | 80x80 Hole Markers | 20 | 80 | 80 | Ø9 | Çelik 62 Hrc | 795 gr |
| 2.3.007.9090 | 90x90 Hole Markers | 20 | 90 | 90 | Ø9 | Çelik 62 Hrc | 1026 gr |
| 2.3.007.23127 | 23x127 Hole Markers | 20 | 127 | 46 | Ø8 | Çelik 62 Hrc | 745 gr |

Using Area

Six corner Hex hole is opened for tightening to head bolt which are used for connecting to profiles. We can open very comfortable to hex holes with drilling apparatus. Drilling apparatus is suitable for all types of profiles.

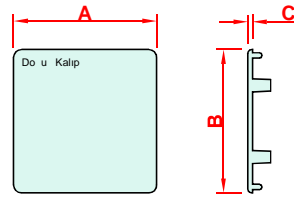
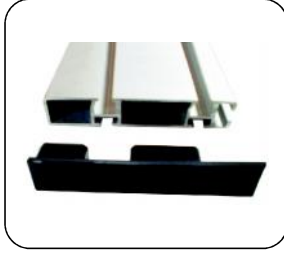
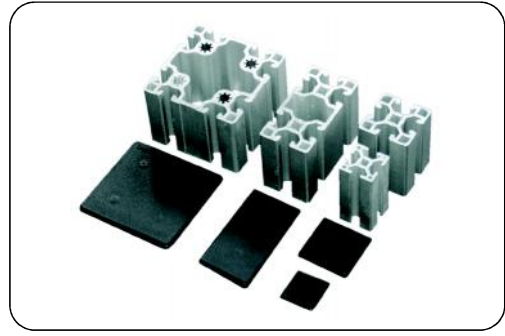




| Code | Dimension | Product Name | M | A | L | B | H | Material | Weight |
|---------------------------------|----------------|---------------------|-----|----|----|----|----|------------|----------|
| 2.2.005.3060.06 | 30x30 30x60 | Leveling Feet Plate | M6 | 30 | 60 | 30 | 16 | Alm. Enjek | 45 gr |
| 2.2.005.3060.08 | 30x30 30x60 | Leveling Feet Plate | M8 | 30 | 60 | 30 | 16 | Alm. Enjek | 45 gr |
| 2.2.005.4080.10 | 40x80 45x45 | Leveling Feet Plate | M10 | 40 | 80 | 40 | 15 | Aluminium | 76 gr |
| 2.2.005.4080.12 | 40x80 45x45 | Leveling Feet Plate | M12 | 40 | 80 | 40 | 15 | Aluminium | 74.5 gr |
| 2.2.005.4590.10 | 45x90 | Leveling Feet Plate | M10 | 45 | 90 | 45 | 15 | Alm. Enjek | 101 gr |
| 2.2.005.4590.12 | 45x90 | Leveling Feet Plate | M12 | 45 | 90 | 45 | 15 | Alm. Enjek | 100 gr |
| 2.2.005.4590.16 | 45x90 | Leveling Feet Plate | M16 | 45 | 90 | 45 | 15 | Alm. Enjek | 95.5 gr |
| 2.2.005.8080.10 | 80x80 | Leveling Feet Plate | M10 | 40 | 80 | 80 | 15 | Aluminium | 218.5 gr |
| 2.2.005.8080.12 | 80x80 | Leveling Feet Plate | M12 | 40 | 80 | 80 | 15 | Aluminium | 217.5 gr |
| 2.2.005.8080.16 | 80x80 | Leveling Feet Plate | M16 | 40 | 80 | 80 | 15 | Aluminium | 216.5 gr |
| 2.2.005.9090.12 | 90x90 | Leveling Feet Plate | M12 | 45 | 90 | 90 | 15 | Alm. Enjek | 201 gr |
| 2.2.005.9090.16 | 90x90 | Leveling Feet Plate | M16 | 45 | 90 | 90 | 15 | Alm. Enjek | 195 gr |

Using Area

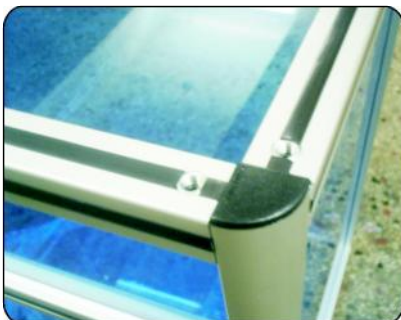
Foot connection parts provide strong assemble opportunity for connecting wheels just as in the case of plastic and metal feet on constructions.

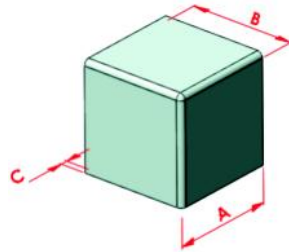


| Code | Product Name | A | B | C | Material | Weight |
|----------------------------------|----------------------------|----|-------|-----|----------|---------|
| 2.3.001.2020.01 | 20x20 Profile Cap | 20 | 20 | 2 | Plastic | 1 gr |
| 2.3.001.2040.01 | 20x40 Profile Cap | 20 | 40 | 3 | Plastic | 2 gr |
| 2.3.001.2080.01 | 20x80 Profile Cap | 20 | 80 | 3 | Plastic | 4 gr |
| 2.3.001.2525.01 | 25x25 Profile Cap | 25 | 25 | 3 | Plastic | 1.5 gr |
| 2.3.001.3030.01 | 30x30 Profile Cap | 30 | 30 | 3 | Plastic | 3.5 gr |
| 2.3.001.3535.02 | 35x35 (A) Profile Cap | 35 | 35 | 4 | Plastic | 4 gr |
| 2.3.001.3535.01 | 35x35 (L) Profile Cap | 35 | 35 | 3 | Plastic | 4.5 gr |
| 2.3.001.3060.01 | 30x60 Profile Cap | 30 | 60 | 3 | Plastic | 7 gr |
| 2.3.001.4040.01 | 40x40 Profile Cap | 40 | 40 | 3 | Plastic | 5.5 gr |
| 2.3.001.4080.01 | 40x80 Profile Cap | 40 | 80 | 3 | Plastic | 9.5 gr |
| 2.3.001.4545.01 | 45x45 Profile Cap | 45 | 45 | 3 | Plastic | 8 gr |
| 2.3.001.4560.01 | 45x60 Profile Cap | 45 | 60 | 3 | Plastic | 9.5 gr |
| 2.3.001.4590.01 | 45x90 Profile Cap | 45 | 90 | 3 | Plastic | 15.5 gr |
| 2.3.001.6060.01 | 60x60 Profile Cap | 60 | 60 | 3 | Plastic | 11.5 gr |
| 2.3.001.8080.01 | 80x80 Profile Cap | 80 | 80 | 3 | Plastic | 19.5 gr |
| 2.3.001.9090.01 | 90x90 Profile Cap | 90 | 90 | 3 | Plastic | 31 gr |
| 2.3.001.2020.03 | 20x20 Radiused Profile Cap | 20 | 20 | 3 | Plastic | 1 gr |
| 2.3.001.3030.03 | 30x30 Radiused Profile Cap | 30 | 30 | 3 | Plastic | 2.5 gr |
| 2.3.001.4545.03 | 45x45 Radiused Profile Cap | 45 | 45 | 3 | Plastic | 7 gr |
| 2.3.001.23127.01 | 23x127 Profile Cap | 23 | 126.8 | 4.2 | Plastic | 18.5 gr |

Using Area

It provides a good view by mounting to profile foreheads and prevents dirt at open places. Also it keeps solution for the possibility of the damage of profile ends.



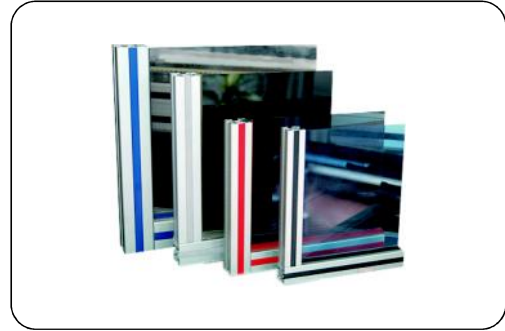
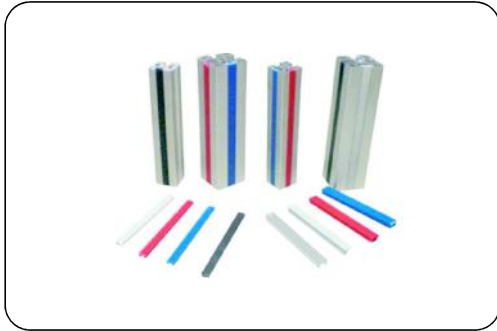


| Code | Product Name | A | B | C | Material | Weight |
|---------------------------------|----------------------------|----|----|---|----------|---------|
| 2.3.001.2020.07 | 20x20 Square Profile Cap | 20 | 20 | 2 | Plastic | 3 gr |
| 2.3.001.3030.07 | 30x30 Square Profile Cap | 30 | 30 | 3 | Plastic | 8 gr |
| 2.3.001.4040.07 | 40x40 Square Profile Cap | 40 | 40 | 3 | Plastic | 13.5 gr |
| 2.3.001.4545.07 | 45x45 Square Profile Cap | 45 | 45 | 3 | Plastic | 22 gr |
| 2.3.001.4040.08 | 40x40 Triangle Profile Cap | 40 | 40 | 3 | Plastic | 7 gr |

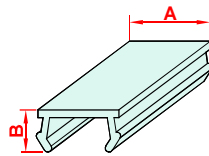
| Code | Product Name | A | B | C | Material | Weight |
|---------------------------------|----------------------------------|----|----|---|----------|--------|
| 2.3.001.2020.05 | Corner connector cap with radius | 20 | 20 | 3 | Plastic | 1.5 gr |
| 2.3.001.3030.05 | Corner connector cap with radius | 30 | 30 | 3 | Plastic | 4 gr |
| 2.3.001.4545.05 | Corner connector cap with radius | 45 | 45 | 3 | Plastic | 14 gr |

Using Area

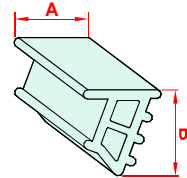
It is possible to cover corner connector parts which preferred profiles' corner connection and their bolts with an aesthetic appearance.



Slot Seal



Glass Seal



| Code | | Product Name | Color | A | B | Material |
|-------------------------------|---------|--------------|-------|------|-----|----------|
| 2.3.005.06.01 | Slot 6 | Slot Seal | | 7.3 | 3.8 | Plastic |
| 2.3.005.08.01 | Slot 8 | Slot Seal | | 8.9 | 4.3 | Plastic |
| 2.3.005.10.01 | Slot 10 | Slot Seal | | 11.7 | 8.1 | Plastic |

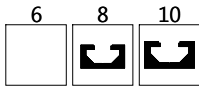
| | | | | | | |
|-------------------------------|---------|------------|--|-----|------|---------|
| 2.3.006.06.01 | Slot 6 | Glass Seal | | 7 | 7 | Plastic |
| 2.3.006.08.01 | Slot 8 | Glass Seal | | 8.5 | 11.3 | Plastic |
| 2.3.006.10.01 | Slot 10 | Glass Seal | | 11 | 12.1 | Plastic |

Using Area

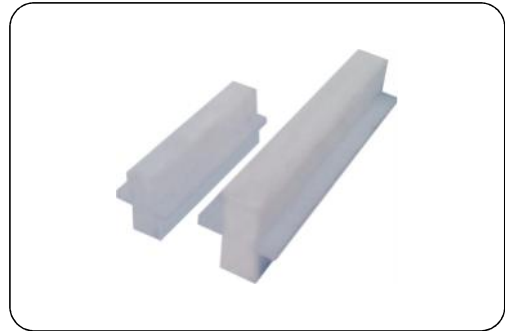
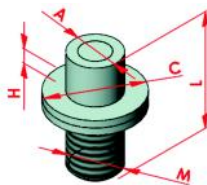
Glass Seal At the cabin applications made with profiles, it provides fixing the plexiglass in the profile canal by entering between plexiglass and profile. There are black, blue, red, gray and transparent glass seals

Canal Seal It is a obtained an artistic image mounting preferably on the outside of the profile canal. It also hides the cables that pass trough inside the canal and keeps canal clean.

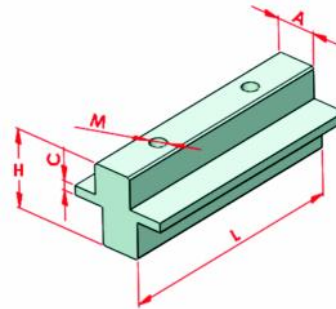




Sliding bolt



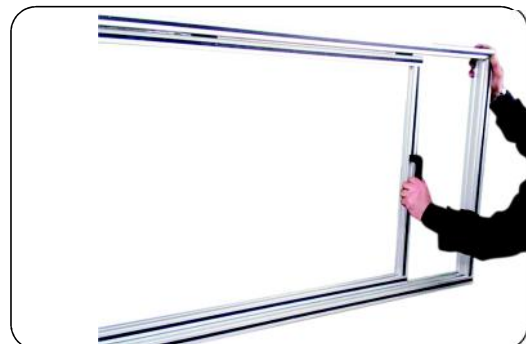
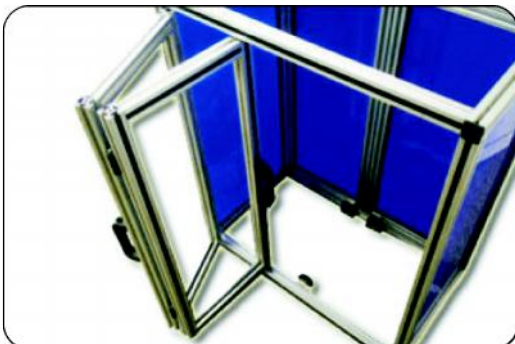
Slot Slider

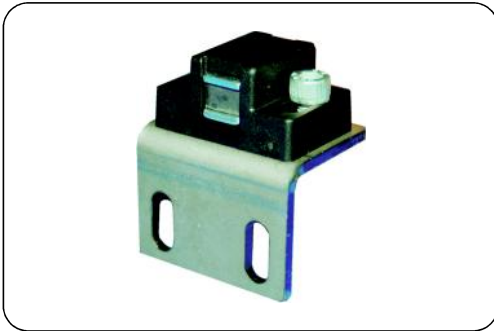
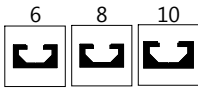


| Code | | Product Name | A | C | H | L | M | Material | Weight |
|-------------------------------|---------|--------------|----|-----|------|----|-----|--------------|---------|
| 2.2.008.08.01 | Slot 8 | Slot Slider | 8 | 2 | 18.7 | 53 | M4 | Delrin | 8.5 gr |
| 2.2.008.10.01 | Slot 10 | Slot Slider | 10 | 2.5 | 20.3 | 60 | M4 | Delrin | 13 gr |
| 2.2.008.08.02 | Slot 8 | Sliding bolt | 8 | 15 | 3 | 24 | M8 | Steel+Delrin | 7 gr |
| 2.2.008.10.02 | Slot 10 | Sliding bolt | 10 | 18 | 3 | 27 | M10 | Steel+Delrin | 12.5 gr |

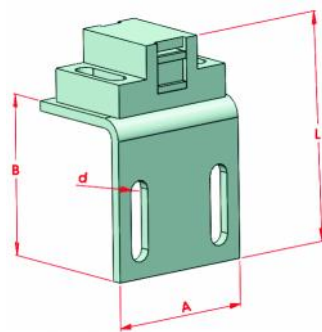
Using Area

It is the connection part, which ensures guidance at movement in the canal sliding door cabins.

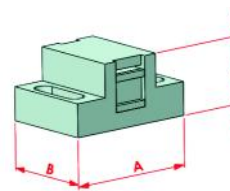




Magnetic Connection Set



Magnetic Catch Part

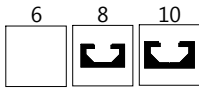


| Code | | Product Name | A | B | L | Ød | Material | Weight |
|--------------|------------|-------------------------|----|----|----|------|---------------|---------|
| 2.2.004.2025 | Slot 6 | Magnetic Connection Set | 45 | 20 | 40 | Ø5.5 | Steel+plastic | 88.5 gr |
| 2.2.004.3035 | Slot 8 | Magnetic Connection Set | 45 | 35 | 55 | Ø6.5 | Steel+plastic | 104 gr |
| 2.2.004.4045 | Slot 10 | Magnetic Connection Set | 45 | 47 | 67 | Ø6.5 | Steel+plastic | 113 gr |
| 2.2.004.0001 | 6 - 8 - 10 | Magnetic Catch Part | 40 | 28 | 20 | - | Steel | 14.5 gr |

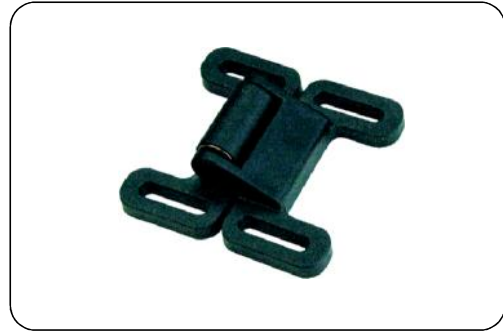
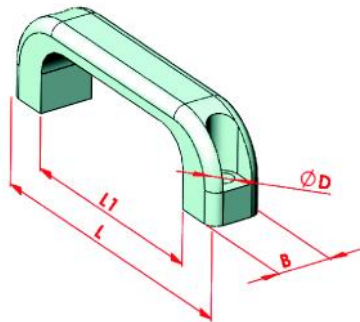
Using Area

It provides keeping cabinet covers and wings closed. Magnets are mounted to profile channels.

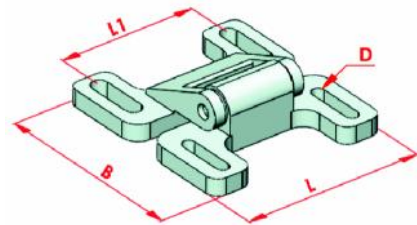




Handle



Magnetic Catch



| Code | Product Name | L | L1 | B | D | Material | Weight |
|--------------|------------------------|-------|------|----|------|----------|---------|
| 2.3.008.00 | Plastic Handle | 131.5 | 91.5 | 25 | Ø8.4 | Plastic | 44.5 gr |
| 2.2.004.4545 | Plastic Magnetic Catch | 74 | 57 | 77 | Ø5.5 | Plastic | 40 gr |

Using Area

Handle It helps opening/closing of the cabin covers made of profiles. It represents an artistic view other connector accessories.

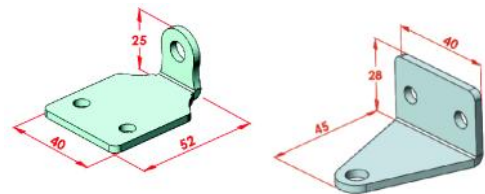
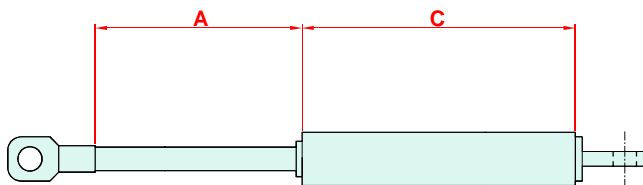
Ball Lock It's used to prevent opening windows on machine cabinets which has high vibration.





Shock Absorber

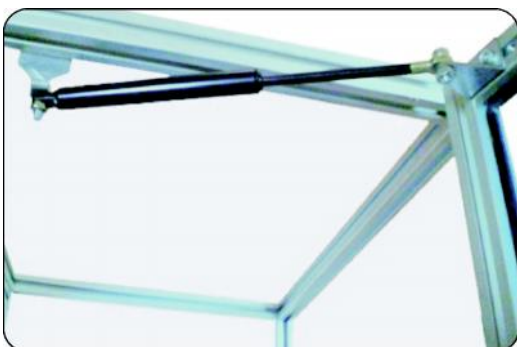
Shock Absorber Kit

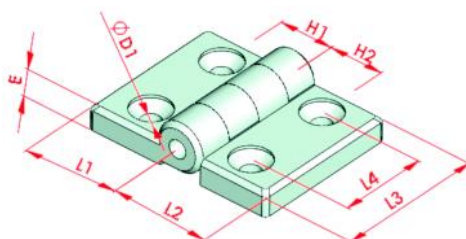
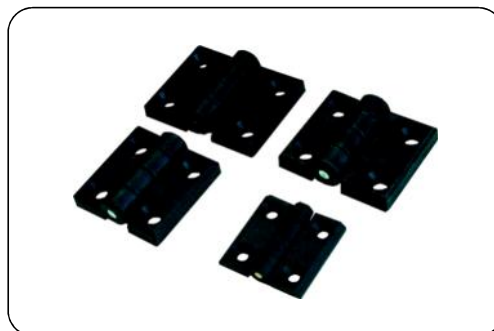


| Code | Product Name | A | C | H | Material | Weight |
|--------------------------------|------------------------------------|-----|-----|-----|----------|--------|
| 2.3.010.150300 | Shock Absorber (Strok 150mm) F300N | 150 | 195 | --- | Steel | 205 gr |
| 2.3.010.105150 | Shock Absorber (Strok 105mm) F150N | 105 | 145 | --- | Steel | 159 gr |
| 2.3.010.085085 | Shock Absorber (Strok 85mm) F85N | 85 | 130 | --- | Steel | 148 gr |
| 2.3.010.00 | Shock Absorber Kit | 45 | 40 | 28 | Steel | 48 gr |
| 2.3.010.01 | Shock Absorber Kit 2 | 52 | 40 | 25 | Steel | 50 gr |

Using Area

The dampers which are used for opening / closing cabinet caps mounted to the systems. It keeps the caps opened without any force.

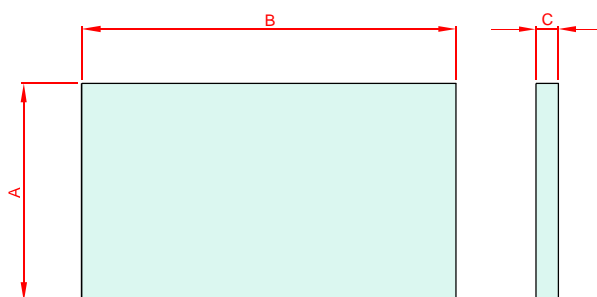
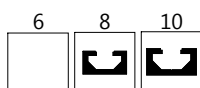




| Code | Dimensions | Product Name | E | H1 | H2 | L1 | L2 | L3 | L4 | D1 | Material | Weight |
|--------------------------------|------------|------------------------|---|-------|-------|-------|-------|----|----|-----|------------|---------|
| 2.2.003.2020 | 20x20 | Hinges (Slim Series) | 5 | 10.25 | 10.25 | 18.35 | 18.35 | 35 | 19 | 6 | PA 6 Black | 8.5 gr |
| 2.2.003.2025 | 20x25 | Hinges (Slim Series) | 5 | 10.25 | 12.75 | 18.35 | 23.35 | 35 | 19 | 6 | PA 6 Black | 10 gr |
| 2.2.003.2525 | 25x25 | Hinges (Slim Series) | 5 | 12.75 | 12.75 | 23.35 | 23.35 | 35 | 19 | 6 | PA 6 Black | 11 gr |
| 2.2.003.2030 | 20x30 | Hinges (Slim Series) | 5 | 10.25 | 15.25 | 18.35 | 23.35 | 35 | 19 | 6 | PA 6 Black | 9.5 gr |
| 2.2.003.2530 | 25x30 | Hinges (nce Seri) | 5 | 15.25 | 12.75 | 23.35 | 23.35 | 35 | 19 | 6 | PA 6 Black | 10 gr |
| 2.2.003.3030.5 | 30x30 | Hinges (nce Seri) | 5 | 15.25 | 15.25 | 23.35 | 23.35 | 35 | 19 | 6 | PA 6 Black | 10.5 gr |
| 2.2.003.3030 | 30x30 | Hinges | 8 | 15 | 15 | 25 | 25 | 50 | 30 | 6.5 | PA 6 Black | 29.5 gr |
| 2.2.003.3535 | 35x35 | Hinges | 8 | 17.5 | 17.5 | 32 | 32 | 50 | 30 | 6.5 | PA 6 Black | 34 gr |
| 2.2.003.4530 | 45x30 | Hinges | 8 | 22.75 | 15 | 25 | 32 | 50 | 30 | 6.5 | PA 6 Black | 31 gr |
| 2.2.003.4535 | 45x35 | Hinges | 8 | 22.75 | 17.5 | 32 | 32 | 50 | 30 | 6.5 | PA 6 Black | 33 gr |
| 2.2.003.4545 | 45x45 | Hinges | 8 | 22.75 | 22.75 | 32 | 32 | 50 | 30 | 6.5 | PA 6 Black | 34 gr |

Using Area

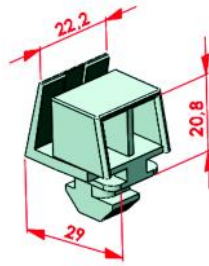
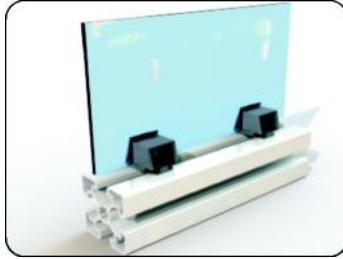
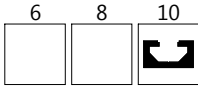
Hinges are manufactured for all type of cabinet and cupboards regarding to different dimensions and it is available to use different type of profile onto possible axis dimensions.



| Code | Product Name | A | B | C | Material | Weight |
|---------------|------------------|------|------|----|------------|----------|
| 2.3.009.03.01 | Plexiglass 3 mm | 1350 | 2000 | 3 | Pleksiglas | 9,55 gr |
| 2.3.009.04.01 | Plexiglass 4 mm | 1350 | 2000 | 4 | Pleksiglas | 12,75 gr |
| 2.3.009.05.01 | Plexiglass 5 mm | 1350 | 2000 | 5 | Pleksiglas | 15,93 gr |
| 2.3.009.06.01 | Plexiglass 6 mm | 1350 | 2000 | 6 | Pleksiglas | 19,11 gr |
| 2.3.009.08.01 | Plexiglass 8 mm | 1350 | 2000 | 8 | Pleksiglas | 25,48 gr |
| 2.3.009.10.01 | Plexiglass 10 mm | 1350 | 2000 | 10 | Pleksiglas | 31,86 gr |

Using Area

Plexiglass parts useful for covering all type of constructions by different colours. Thickness can be adjustable up to application area . Plexiglass provides aesthetics and hygiene. The production of a variety of colors are available.

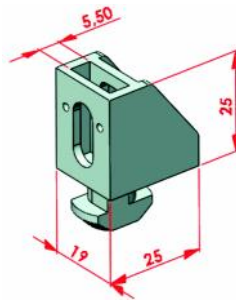
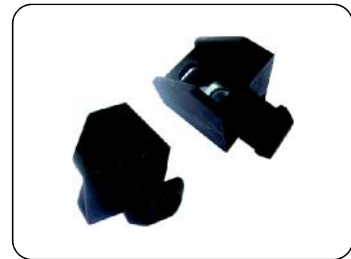
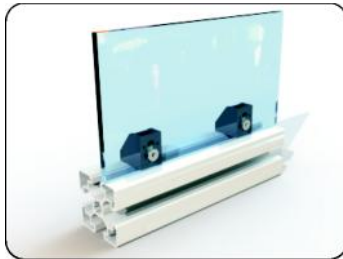


Uniblock Plexiglass Holder
Kod: 2.2.013.10.001

Plastic
9.9 gr

Using Area

Plexi holder is used for assembling of plexiglass, in case inserting plexiglass into profile's channel is not desirable. Plexiglas is held by its external pawl. Easy to disassemble in needed.



Plexiglass Holder With Nut
Kod: 2.2.013.10.002

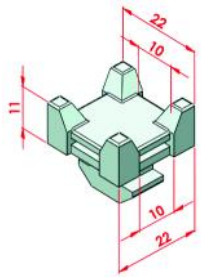
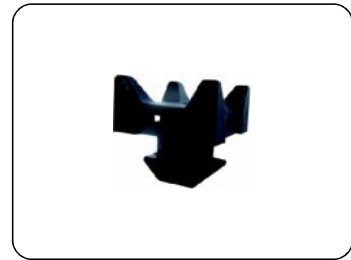
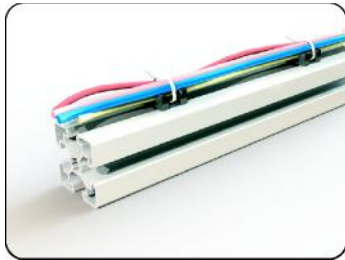
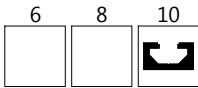
Plastic
11 gr

Using Area

The holder is used for assembling of plexiglass, in case inserting plexiglass into profile's channel is not desirable. Plexiglass is held by this holder's external screws. Easy to disassemble in needed.

CONNECTOR ACCESSORIES

Plexi Holder W/O Cap



Plastic
5.9 gr

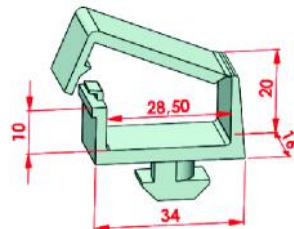
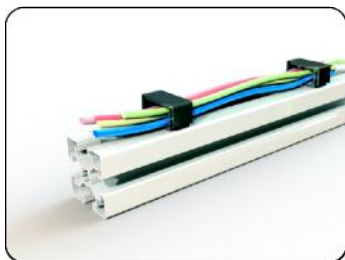
Plexi Holder W/O Cap
Kod: 2.2.012.10.002

Using Area

It provides smooth mounting at profiles on automation (with motor or encoder) and electrification units. It prevents visual pollution.

CONNECTOR ACCESSORIES

Plexi Holder W/T Cap

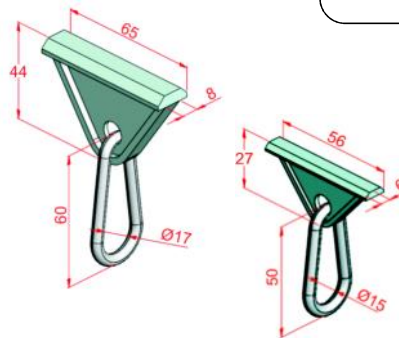


Plastic
6.5 gr

Plexi Holder W/T Cap
Kod: 2.2.012.10.001

Using Area

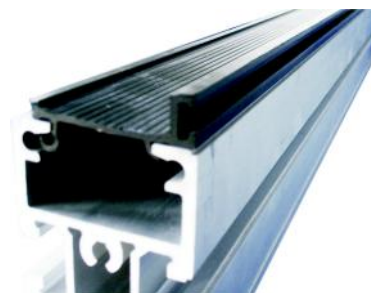
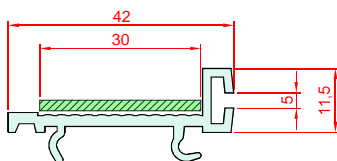
It provides smooth mounting at profiles on automation (with motor or encoder) and electrification units. This type does'nt need fastener.



| Code | Product Name | Material | Weight |
|------------------------------|--------------|-----------------|--------|
| 2.2.010.2025 | Hanger 20.25 | Plastic + Steel | 18 gr |
| 2.2.010.3045 | Hanger 30.45 | Plastic + Steel | 36 gr |

Using Area

The hanger which is placable into profiles' channels is used for hanging tools.



| Code | Product Name | Material | Weight |
|-------------------------------|------------------|----------|----------|
| 3.001.00.4575 | Friction Plastic | Plastic | 18 mt/gr |

Using Area

It presents friction surfaces for belt of pallet carrier conveyors. Plastic ground increases slickness. It is applied to top of the 45x75 profile canal (See page :22)

Modular Turning Conveyors



Code: 16.03.04.110.0826.1

Using Area

It mostly presents product transfers on filling, food, medicine sector. Turnings are easier with acetal band conveyors.

Standart Width

a) 82,6 mm

b) 114 mm

Standart Lenght

Optional

Upon Request Lenghts

Optional

Miniature Conveyors



Code: 16.06.01

Using Area

It is generally used for transporting product and sawdust without mixing each other. it is generally manufactured with PVC and PU belt. Belt can be changed upon to the area of usage. Also it is used at inkjet and barcode systems. It eliminates the human factor, and provides faster and easier production.

Standart Drum Width

| Ø20 | Ø30 | Ø35 | Ø45 |
|--------|--------|--------|--------|
| 20 mm | 30 mm | 120 mm | 45 mm |
| 40 mm | 60 mm | 150 mm | 90 mm |
| 80 mm | 90 mm | | 135 mm |
| 150 mm | 120 mm | | 180 mm |
| 200 mm | | | 200 mm |
| | | | 300 mm |
| | | | 450 mm |

Standart Drum Dia

a) 20 mm 30 mm

c) 35 mm 45 mm

Upon Request Lenghts

Optional

Straight Belted Conveyors**Standart Width**

- a) 300 mm
- b) 450 mm
- c) 600 mm
- d) 800 mm
- e) 1000 mm

Standart Drum Dia

Ø 76 - Ø 114

Standart Width

1.000 - 2.000 - 3.000 - 4.000 - 5.000 - 6.000 mm
1.500 - 2.500 - 3.500 - 4.500 - 5.500

Upon Request Lenghts

Optional

Code: 16.01.01.114

Using Area

It provides serial and quick transfer products with / without package such as parcel, package, package sack etc. It can be used as fixed or adjustable height units. Speed can be set according to demand. Belt selection is done upon to the type of carried product. PVC, rubber, wire belts can be generally selected.

Angled Conveyors**Standart Width**

- a) 300 mm
- b) 450 mm
- c) 600 mm
- d) 800 mm
- e) 1000 mm

Standart Drum Dia

Ø 76 - Ø 114

Standart Width

1000 & 6000 mm

Upon Request Lenghts

Optional

Working Angel

15° & 45°

Code: 16.02.06.076

Using Area

It used to transport various of products in different distances for horizontal or inclined transmission. It ensures transfer of many products in a short time. It is possible to adjust the height between 15- 45 angles.

Idler Roller Conveyors**Standart Width**

- a) 300 mm
- b) 450 mm
- c) 600 mm
- d) 800 mm
- e) 1000 mm

Standart Roller Dia

- Ø 51 Steel
- Ø 50 Alumunium

Standart Width

- 1.000 - 2.000 - 3.000
- 4.000 - 5.000 - 6.000 mm

Upon Request Lenghts

- 6.000 & 60.000 mm

Code: 16.10.01.050

Using Area

Transmission of package, parcel and similar products are provided by human or machine pushing power Force is applied directly to the load in this conveyor. The conveyor rollers provide transmission of materials through friction of load, which makes translatory motion. Distance between rollers is determined according to type of product and rollers diameter.

Chain Driven Conveyor**Standart Width**

- a) 300 mm
- b) 450 mm
- c) 600 mm
- d) 800 mm
- e) 1000 mm

Standart Roller Dia

- Ø 51 Steel
- Ø 50 Alumunium

Standart Width

- 1.000 - 2.000 - 3.000
- 4.000 - 5.000 - 6.000 mm

Upon Request Lenghts

- Optional

Code: 16.11.01.050

Using Area

At the driven roller conveyors, rollers are driven by chain, which is working with motor- reducer system. Motion can be transmitted to carried product through friction. Distance between rollers is determined according to type of product and rollers' diameter Galvanized, rubber or pvc coated rollers can be preferred upon to the features of products.

(Z) Elevator Conveyors**Standart Width**

- a) 300 mm
- b) 450 mm
- c) 600 mm
- d) 800 mm
- e) 1000 mm

Standart Drum Dia

Ø 76 - Ø 114

Standart Width

Lenght and working grade shall determine regarding require

Code: 16.05.01.114

Using Area

Z elevator conveyor provides the transmission between manufacturing machines standing at different levels and directions. This elevators provides a healty products transmission, because the structure of this new manufactured products become deformed easily. It provides serial and fast manufacturing.

(L) Elevator Conveyors**Standart Width**

- a) 300 mm
- b) 450 mm
- c) 600 mm
- d) 800 mm
- e) 1000 mm

Standart Drum Dia

Ø 76 - Ø 114

Standart Width

Lenght and working grade shall determine regarding require

Code: 16.08.01.114

Using Area

L elevator is used for transporting products at a higher level to other operation areas by manufacturing , it can be also used to waste junks and contaminants from the production units.

Acetal Belted Conveyors**Standart Width**

- a) 82,6 mm
- b) 114.5 mm

Standart Chain Sprocket

Ø 109 mm

Standart Width

1.000 - 2.000 - 3.000
4.000 - 5.000 - 6.000 mm

Code: 16.01.05.129.0825

Using Area

These bands are produced different kind of materials which can service all kind of sector. They are made of engineering plastic. In case of local damage. You can easily change damaged part.

Modular Belted Conveyors**Standart Width**

- a) 200 mm
- b) 300 mm
- c) 400 mm
- d) 500 mm
- e) 600 mm
- f) 700 mm
- g) 800 mm

Standart Chain Sprocket

Ø 99 mm

Standart Width

1000 - 2000 - 3000
4000 - 5000 - 6000 mm

Code: 16.01.04.110.0200

Using Area

These bands are produced different kind of materials which can service all kind of sector. They are made of engineering plastic. In case of local damage. You can easily change damaged part.

Miniature (z) Elevator Conveyors**Standart Width**

- a) 60 mm
- b) 90 mm
- c) 120 mm
- d) 150 mm

Standart Roller Dia

- Ø 30 Steel
- Ø 35 Steel

Upon Request Lengths

Optional

Code: 16.09.01.030

Using Area

It is used for carrying small products on higher level operation areas. It is possible to use two different models with angled.

Miniature (z) Elevator Conveyors**Standart Width**

- a) 90 mm
- b) 135 mm
- c) 600 mm
- d) 180 mm
- e) 200 mm
- f) 300 mm
- g) 450 mm

Standart Roller Dia

- Ø 45 Steel

Upon Request Lengths

Optional

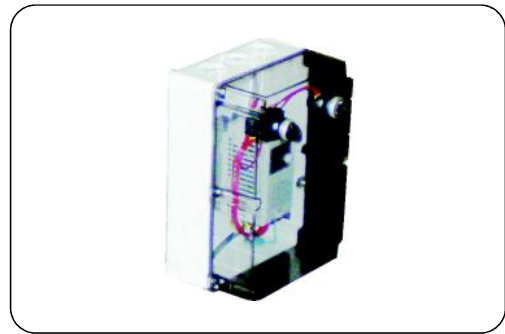
Code: 16.09.01.045

Using Area

As it's used for carrying small products on higher level operation areas. It is possible to use two different models with angled it's also used on sections which produce plastic and package.

Specifications

- 1) Speed Control
- 2) On-off Switch
- 3) Potentionmeter
- 4) Interruption Switch
- 5) Auto Fuse



Speed Adjusting Panel (nvertor) 0,75 Kw
Code: 3.013.075.02



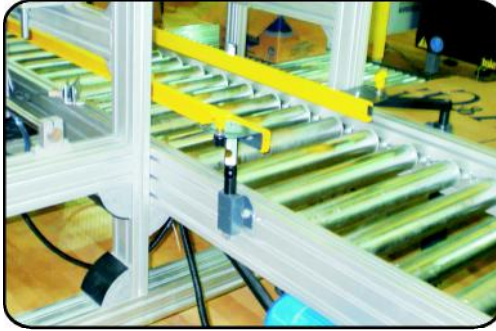
Speed Adjusting Panel (nvertor) 0,37 Kw
Code: 3.013.037.01



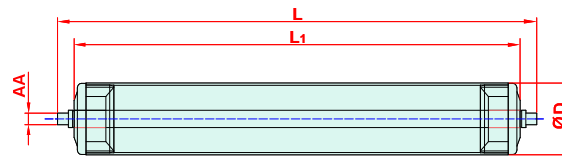
| Code | Product Name | Dimension / mm | Weight |
|--------------|--|----------------|----------|
| 3.013.037.01 | Speed Adjusting Panel 0,37 Kw (nvertor) | 150x220x300 | 2.320 gr |
| 3.013.075.02 | Speed Adjusting Panel 0,75 Kw (nvertor) | 190x260x400 | 3.920 gr |

Using Area

It is the kind of box which includes speed control buttons, start and stop buttons and sensors which determine product transition on conveyor systems.

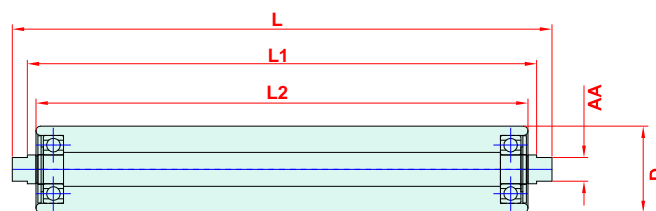


Ø 50 Aluminium Idler Roller



| Code | Product Name | L | L1 | ØD | AA | Material | Weight |
|---------------------------------|------------------------|-----|-----|----|----|-----------|----------|
| 3.009.01.50.290 | Ø50 x 290 Idler Roller | 335 | 310 | 50 | 8 | Aluminium | 584 gr |
| 3.009.01.50.440 | Ø50 x 440 Idler Roller | 485 | 460 | 50 | 8 | Aluminium | 816 gr |
| 3.009.01.50.590 | Ø50 x 590 Idler Roller | 635 | 610 | 50 | 8 | Aluminium | 1.079 gr |
| 3.009.01.50.790 | Ø50 x 790 Idler Roller | 835 | 810 | 50 | 8 | Aluminium | 1.384 gr |

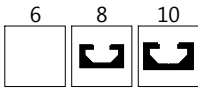
Ø 51 Steel Idler Roller



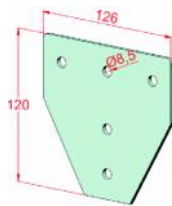
| Code | Product Name | L | L1 | L2 | D | AA | Material | Weight |
|---------------------------------|------------------------|-----|-----|-----|-----|----|----------|---------|
| 3.009.02.51.290 | Ø51 x 290 Idler Roller | 318 | 300 | 290 | Ø51 | 14 | Steel | 1603 gr |
| 3.009.02.51.440 | Ø51 x 440 Idler Roller | 468 | 450 | 440 | Ø51 | 14 | Steel | 2426 gr |
| 3.009.02.51.590 | Ø51 x 590 Idler Roller | 618 | 600 | 590 | Ø51 | 14 | Steel | 3162 gr |
| 3.009.02.51.790 | Ø51 x 790 Idler Roller | 818 | 800 | 790 | Ø51 | 14 | Steel | 3987 gr |

Using Area

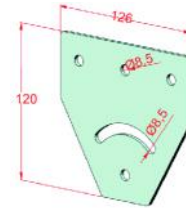
It's possible to produce idle conveyor rollers and pvc belt conveyors' support rollers on desired diameter and lenght Steel or aluminium material can be preferred regarding to application place.



T Connection Plate
Kod: 3.003.23127.01

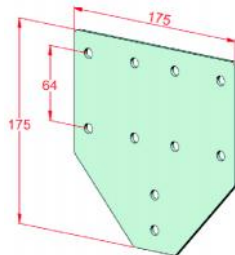


Angle T Connection Plate
Kod: 3.003.23127.03

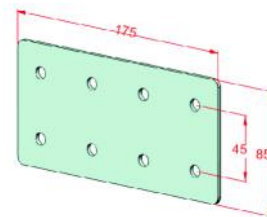


| Code | Product Name | Material | Weight |
|----------------|-------------------------------------|----------|----------|
| 3.003.23127.01 | T Connection Plate | Steel | 283 gr |
| 3.003.23127.03 | Angle T Connection Plate | Steel | 271 gr |
| 3.003.23127.02 | Add. T Connection Plate | Steel | 601 gr |
| 3.003.23127.04 | Rectangular Add. T Connection Plate | Steel | 563.5 gr |

Add. T Connection Plate
Kod: 3.003.23127.02

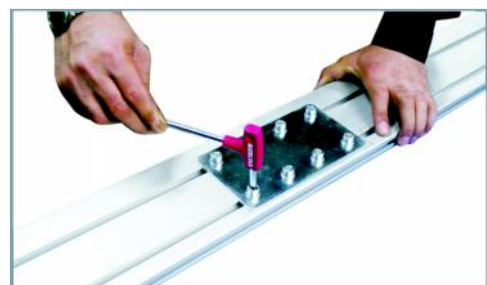
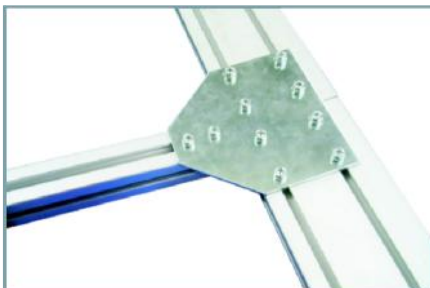


Rectangular Add. T Connection Plate
Kod: 3.003.23127.04



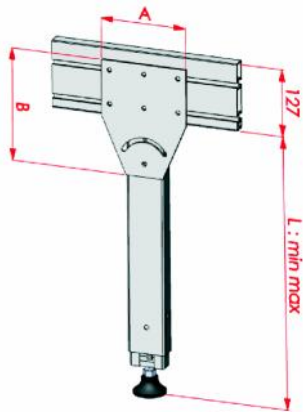
Using Area

These plates used in the production of conveyor, creates and allows for required degrees of foot angle adjustments. Long lengths of sub-group formed sheet metal parts conveyors helps the body joining profiles.

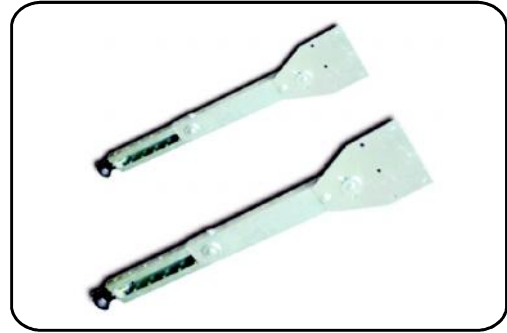
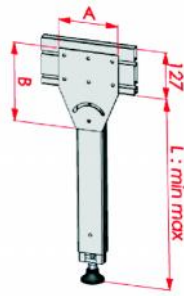


Adjustable Metal Feet Long

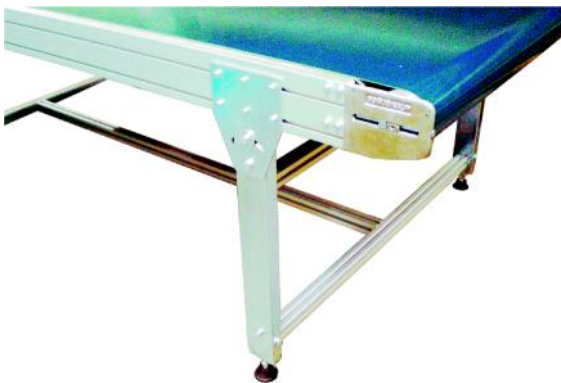
Kod: 3.004.01.01

**Adjustable Metal Feet Short**

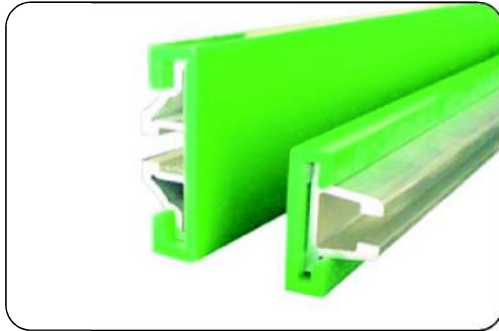
Kod: 3.004.02.01



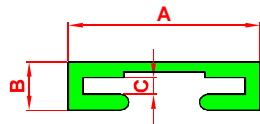
| Code | Product Name | A | B | L min | L max | Material | Weight |
|-------------|-----------------------------|-----|-----|-------|-------|----------|---------|
| 3.004.02.01 | Adjustable Metal Feet Long | 180 | 233 | 570 | 870 | Steel | 3.12 Kg |
| 3.004.01.01 | Adjustable Metal Feet Short | 200 | 240 | 750 | 1200 | Steel | 4.82 Kg |

**Using Area**

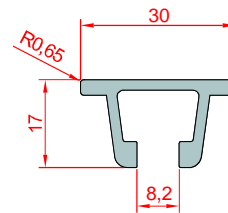
Metal legs provides ideal options for adjustable height featuring conveyors. Besides it can also be used in varying angles used in the deployment.



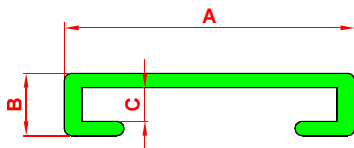
Side Barrier & Cover (10x40)
Kod: 3.001.00.1040



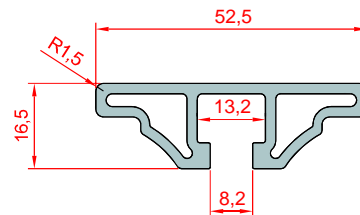
Side Barrier Profile (40)
Kod: 1.2.00.017040.00



Side Barrier & Cover (13x60)
Kod: 3.001.00.5060



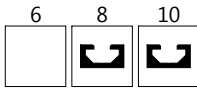
Side Barrier Profile (60)
Kod: 1.2.00.016060.00



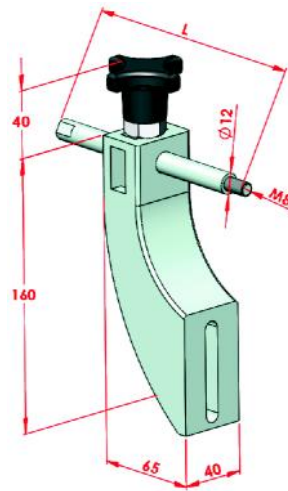
| Code | Product Name | A | B | C | Material | Weight |
|---------------|------------------------------|----|-----|-----|----------|------------|
| 3.001.00.1350 | Side Barrier & Cover (13x60) | 60 | 13 | 7 | PVC | 1mt/217 gr |
| 3.001.00.1040 | Side Barrier & Cover (10x40) | 40 | 9.5 | 4.5 | PVC | 1mt/471 gr |

Using Area

Side barriers are needed to carry products properly on the conveyor belt and also for preventing products from falling out.



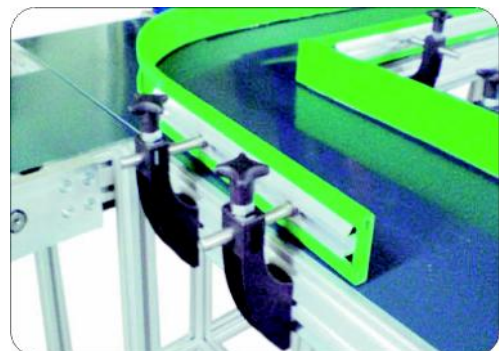
Console Connector
Kod: 3.007.01.000

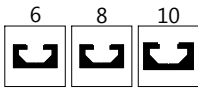


| Code | Product Name | ØD | M | L | Material | Weight |
|--------------|--------------------------------|-----|----|-----|---------------|--------|
| 3.007.01.000 | Console Connector | | | | Moblen | 223 gr |
| 3.007.02.120 | Console Connector shaft(120mm) | Ø12 | M8 | 120 | Stainless 303 | 103 gr |
| 3.007.02.150 | Console Connector shaft(150mm) | Ø12 | M8 | 150 | Stainless 303 | 130 gr |
| 3.007.02.200 | Console Connector shaft(200mm) | Ø12 | M8 | 200 | Stainless 303 | 175 gr |

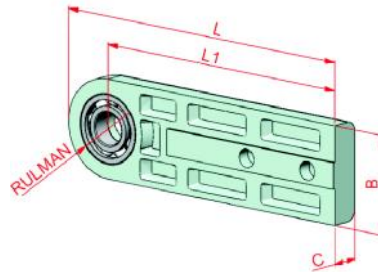
Using Area

This parts helps to connect side barriers of conveyors with the conveyor body. Various lengths of shafts helps adjusting the width of side barriers upon to carried products' width on conveyors.





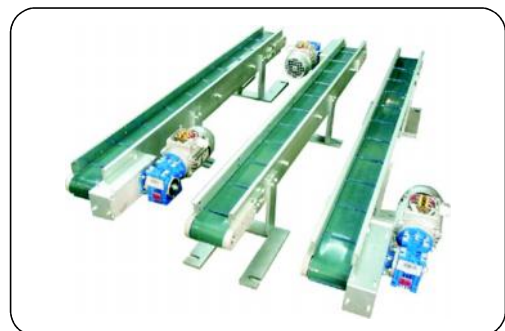
Miniature The Drive Plate

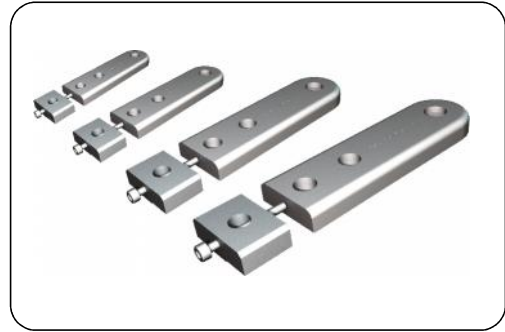
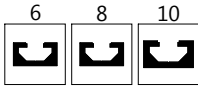


| Code | Product Name | B | C | L | L1 | Bearing | Material | Weight |
|-------------------------------|----------------------------------|----|------|-------|-------|---------|---------------|--------|
| 3.002.2020.02 | 20x20 The Drive Plate(miniature) | 22 | 10 | 102.5 | 91.5 | 607 | Aluminium | 59 gr |
| 3.002.3030.02 | 30x30 The Drive Plate(miniature) | 30 | 13 | 115 | 100 | 61802 | Alm.enjection | 96 gr |
| 3.002.3535.02 | 35x35 The Drive Plate(miniature) | 35 | 13 | 150.5 | 133 | 61902 | Aluminium | 176 gr |
| 3.002.4545.02 | 45x45 The Drive Plate(miniature) | 45 | 13.6 | 152 | 129.5 | 6002 | Alm.enjection | 210 gr |

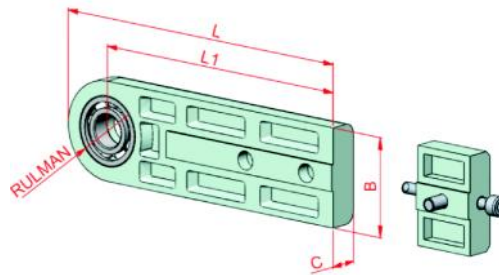
Using Area

Motors and gears are mounted on miniature drive plate to start movement of miniature conveyor band. Drive roller is mounted to this plate.



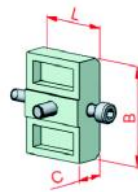


Miniature Tensioner Plate



| Code | Product Name | B | C | L | L1 | Bearing | Material | Weight |
|---------------|----------------------------------|----|------|-------|-------|---------|-------------|--------|
| 3.002.2020.01 | 20x20 Tensioner Plate(miniature) | 22 | 10 | 102.5 | 91.5 | 607 | Alüminyum | 59 gr |
| 3.002.3030.01 | 30x30 Tensioner Plate(miniature) | 30 | 13 | 115 | 100 | 61802 | Alm. Enjek. | 96 gr |
| 3.002.3535.01 | 35x35 Tensioner Plate(miniature) | 35 | 13 | 150.5 | 133 | 61902 | Alüminyum | 176 gr |
| 3.002.4545.01 | 45x45 Tensioner Plate(miniature) | 45 | 13.6 | 152 | 129.5 | 6002 | Alm. Enjek. | 207 gr |

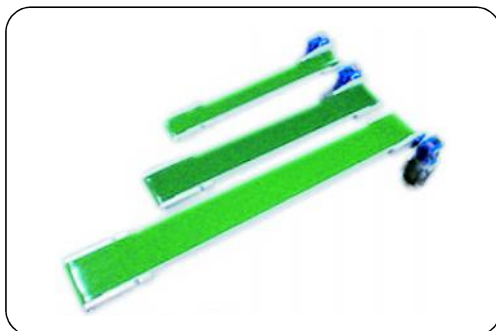
Miniature Tensioning Part

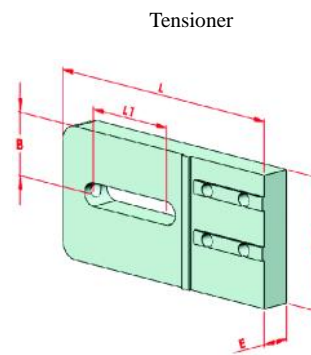
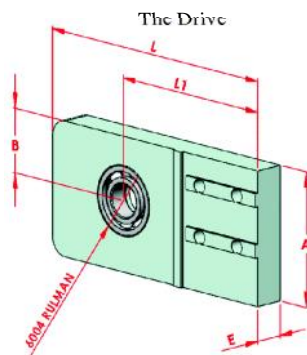


| Product Name | B | C | L | Material | Material |
|-----------------------------------|----|------|------|---------------|----------|
| 20x20 Tensioning Part (miniature) | 22 | 10 | 25 | Aluminium | 23 gr |
| 30x30 Tensioning Part (miniature) | 30 | 13 | 30 | Alm.enjection | 40 gr |
| 35x35 Tensioning Part (miniature) | 35 | 13 | 31.5 | Aluminium | 50.5 gr |
| 45x45 Tensioning Part (miniature) | 45 | 13.6 | 30 | Alm.enjection | 54.5 gr |

Using Area

Miniature tensioning plate is used for tensioning the belt and making the adjustment. It is also used for assembling drive roller.

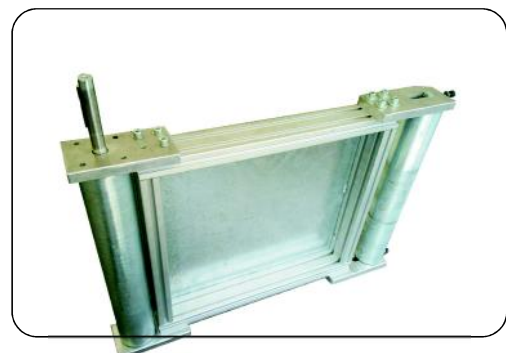
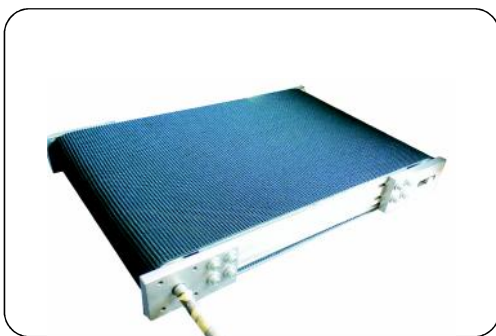


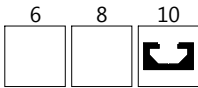


| Code | Product Name | A | B | E | L | L1 | Material | Weight |
|-------------------------------|-----------------------|----|----|------|-----|------|-----------|---------|
| 3.002.3060.01 | 30x60 Tensioner Plate | 80 | 38 | 18.2 | 165 | 60 | Aluminium | 863 gr |
| 3.002.3060.02 | 30x60 The Drive Plate | 80 | 38 | 18.2 | 165 | 108 | Aluminium | 931 gr |
| 3.002.4590.01 | 45x90 Tensioner Plate | 90 | 35 | 17.2 | 200 | 69.8 | Aluminium | 1043 gr |
| 3.002.4590.02 | 45x90 The Drive Plate | 90 | 35 | 17.2 | 200 | 132 | Aluminium | 1115 gr |

Using Area

It carries tension and idle rollers. It regulates the stress of the belt. It provides the connections of the motors and driving rollers. It is used on profiles which has 8mm - 10mm canal.

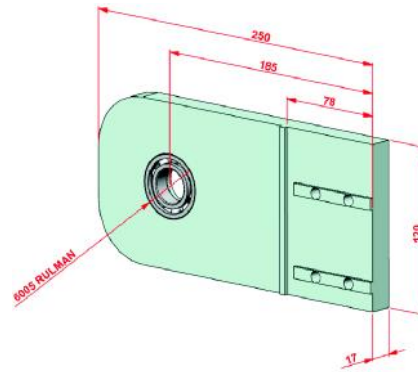
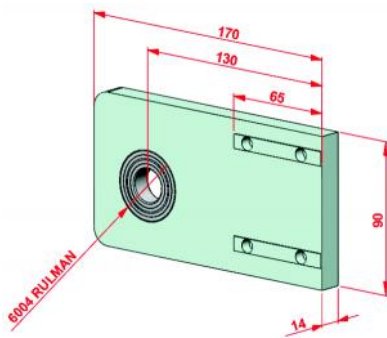




25x105 Modular Conveyor Plates
Kod: 3.002.25105.01



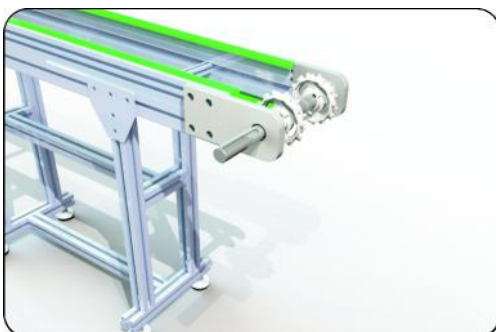
25x105 Tracked Conveyor Plates
Kod: 3.002.25105.02



| Code | Product Name | Material | Weight |
|----------------|--------------------------------|-----------|-----------|
| 3.002.25105.01 | 25x105 Modular Conveyor Plates | Aluminium | 577 gr |
| 3.002.25105.02 | 25x105 Tracked Conveyor Plates | Aluminium | 1343.5 gr |

Using Area

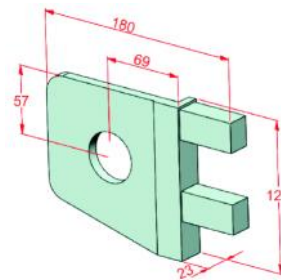
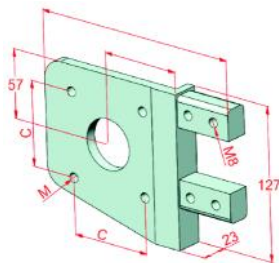
Like the other types of conveyors, these plates carry rollers on assemble of modular belt conveyors.





23x127 The Drive Plate Perforated
Kod: 3.002.23127.04

23x127 The Drive Plate Non- Perforated
Kod: 3.002.23127.05



| Code | Product Name | C | Material | Weight |
|----------------|--|----------------|-----------|----------|
| 3.002.23127.05 | 23x127 The Drive Plates | Non-Perforated | Aluminium | 479.5 gr |
| 3.002.23127.04 | 23x127 The Drive Plates (Perforated) | (UCF 204) | Aluminium | 469.5 gr |
| 3.002.23127.02 | 23x127 The Drive Plates (Perforated) | (UCF 205) | Aluminium | 469.5 gr |

Using Area

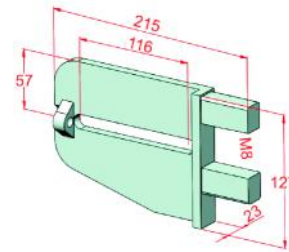
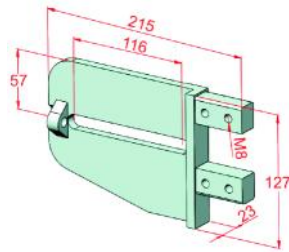
The motor and gearbox that enables conveyor movement are mounted on this plate. Driving roller is connected to this part and driving arrangement is provided to the conveyor.





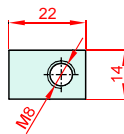
23x127 Tensioner Plate Perforated
Kod: 3.002.23127.03

23x127 Tensioner Plate Non- Perforated
Kod: 3.002.23127.01

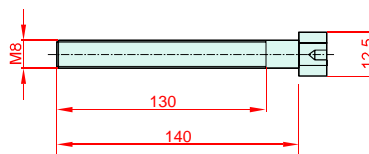


| Code | Product Name | process | Material | Weight |
|----------------|------------------------|-----------------|-------------|--------|
| 3.002.23127.01 | 23x127 Tensioner Plate | Non- Perforated | Alm Casting | 645 gr |
| 3.002.23127.03 | 23x127 Tensioning Bolt | Perforated | Alm Casting | 607 gr |
| 3.005.01 | Tensioner Plate | - | Steel 8.8 | 50 gr |
| 3.005.04 | Tensioning Bolt | - | Steel | 29 gr |

Kod: 3.005.02
Tensioning Nut

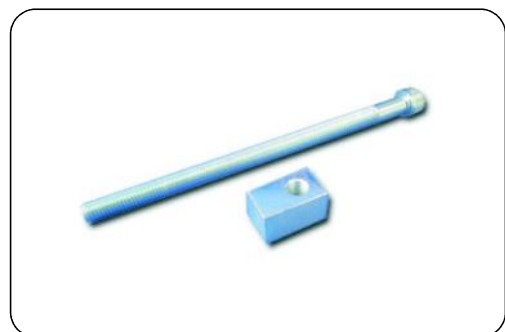


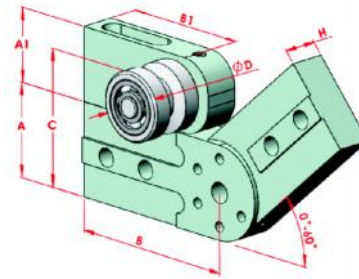
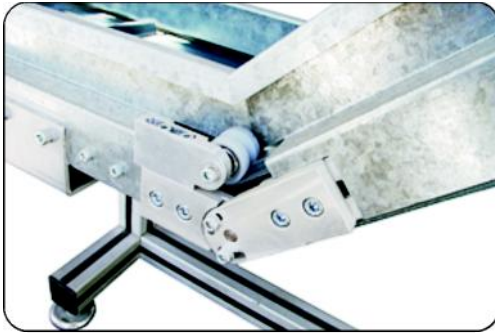
Kod: 3.005.01
Tensioning Bolt



Using Area

It used for connecting and stretching bands on conveyors. Stretching can be done with screw shaft which is passing through the center.



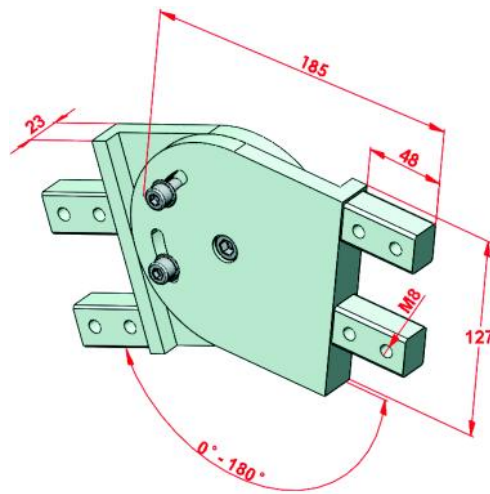
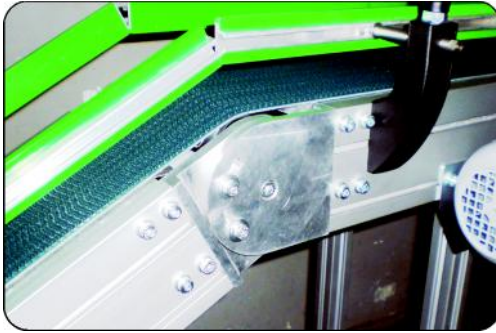


| Code | Product Name | A | A1 | B | B1 | C | D | H | Material | Weight |
|-------------------------------|-----------------------|----|------|------|----|------|----|------|----------|--------|
| 3.012.3030.00 | 30x30 Conveyor Joints | 30 | 36 | 65 | 57 | 48 | 26 | 13 | Aluminum | 129 gr |
| 3.012.4545.00 | 45x45 Conveyor Joints | 45 | 35.5 | 87.5 | 65 | 65.5 | 33 | 17.5 | Aluminum | 343 gr |

Using Area

It ensures making chassis with angle and adjust them on different angles on miniature angled conveyors and elevator production. The movement can be controlled by wheels-touching the band.





| Code | Product Name | Material | Weight |
|----------------|------------------------|----------|---------|
| 3.012.23127.00 | 23x127 Dereceli Mafsal | Aluminum | 1289 gr |

Using Area

The construction of angled conveyors and elevator chassis, adjustment allows to the creations by changeable angles. It is used for higher elevators.



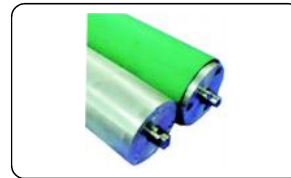


Optional Methods

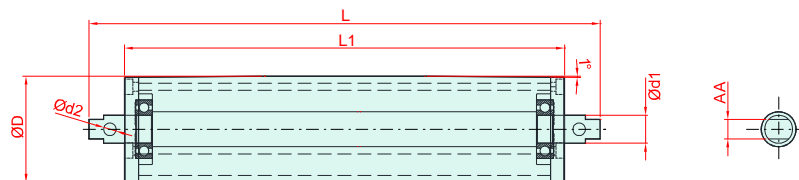
Roving Rolls-bushing



Eligible Rubber Coating



Ø76 Tensioner Drum



| Code | Product Name | L | L1 | AA | ØD | Ød1 | Ød2 | Material | Weight |
|-------------------|-----------------------------|------|------|----|----|-----|-----|-----------|----------|
| 3.008.01.076.0300 | Ø76 Tensioner Drum (300) | 366 | 315 | 14 | 76 | 20 | 9 | Alm Extr. | 2.557 gr |
| 3.008.01.076.0450 | Ø76 Tensioner Drum (450) | 516 | 465 | 14 | 76 | 20 | 9 | Alm Extr. | 3.607 gr |
| 3.008.01.076.0600 | Ø76 Tensioner Drum (600) | 666 | 615 | 14 | 76 | 20 | 9 | Alm Extr. | 4.646 gr |
| 3.008.01.076.0800 | Ø76 Tensioner Drum (800) | 866 | 815 | 14 | 76 | 20 | 9 | Alm Extr. | 6.321 gr |
| 3.008.01.076.1000 | Ø76 Tensioner Drum (1000) | 1066 | 1015 | 14 | 76 | 20 | 9 | Alm Extr. | 7.432 gr |

Using Area

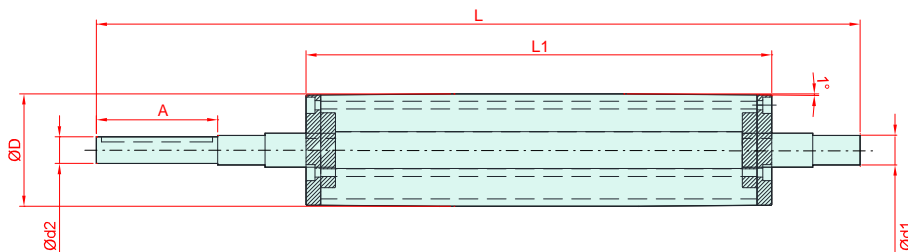
Conveyor rollers which are produced with extrusion method is lower cost and time when it is compared old-fashion pipe welding operation. It has two options which are Ø76 - Ø114 diameter.



Ø76 Roller Properties

- 1- **Body**; Aluminium Extrusion
- 2- **Bearing Shaft**; CK 45
- 3- **Side Cover** ; Flange Bearing Guide
- 4- **Surface Coating**; Optional

Ø76 Tahrik Tamburu



| Code | Product Name | L | L1 | A | ØD | Ød1 | Ød2 | Material | Weight |
|-------------------|------------------------------|--------|------|----|----|-----|-----|-----------|----------|
| 3.008.02.076.0300 | Ø76 The Drive Drums (300) | 516.6 | 315 | 82 | 76 | 20 | 18 | Alm.Extr. | 2.943 gr |
| 3.008.02.076.0450 | Ø76 The Drive Drums (450) | 666.6 | 465 | 82 | 76 | 20 | 18 | Alm.Extr. | 3.973 gr |
| 3.008.02.076.0600 | Ø76 The Drive Drums (600) | 816.6 | 615 | 82 | 76 | 20 | 18 | Alm.Extr. | 5.017 gr |
| 3.008.02.076.0800 | Ø76 The Drive Drums (800) | 1016.6 | 815 | 82 | 76 | 20 | 18 | Alm.Extr. | 6.385 gr |
| 3.008.02.076.1000 | Ø76 The Drive Drums (1000) | 1216.6 | 1015 | 82 | 76 | 20 | 18 | Alm.Extr. | 7.810 gr |

Using Area

Both side flanged and with bearing aluminium extrusion conveyor rollers have practical conveyor assemble opportunities. It has 5 standart options. Also it can be produced on various lengths.

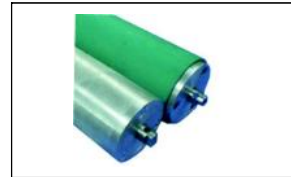


Optional Methods

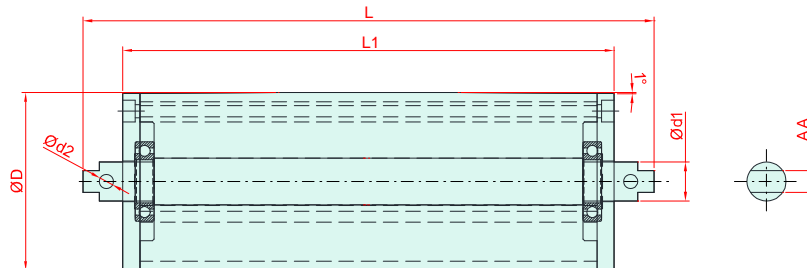
Roving Rolls-bushing



Eligible Rubber Coating



Ø114 Tensioner Drum



| Code | Product Name | L | L1 | AA | ØD | Ød1 | Ød2 | Material | Weight |
|-------------------|-----------------------------|------|------|----|-----|-----|-----|-----------|-----------|
| 3.008.01.114.0300 | Ø114 Tensioner Drum (300) | 366 | 315 | 14 | 114 | 25 | 9 | Alm.Extr. | 4.446 gr |
| 3.008.01.114.0450 | Ø114 Gergi Tamburu (450) | 516 | 465 | 14 | 114 | 25 | 9 | Alm.Extr. | 6.231 gr |
| 3.008.01.114.0600 | Ø114 Gergi Tamburu (600) | 666 | 615 | 14 | 114 | 25 | 9 | Alm.Extr. | 7.665 gr |
| 3.008.01.114.0800 | Ø114 Gergi Tamburu (800) | 866 | 815 | 14 | 114 | 25 | 9 | Alm.Extr. | 10.220 gr |
| 3.008.01.114.1000 | Ø114 Gergi Tamburu (1000) | 1066 | 1015 | 14 | 114 | 25 | 9 | Alm.Extr. | 12.540 gr |
| 3.008.01.114.1200 | Ø114 Gergi Tamburu (1200) | 1271 | 1220 | 20 | 114 | 30 | 9 | Alm.Extr. | 17.160 gr |
| 3.008.01.114.1350 | Ø114 Gergi Tamburu (1350) | 1421 | 1370 | 20 | 114 | 30 | 9 | Alm.Extr. | 19.240 gr |
| 3.008.01.114.1500 | Ø114 Gergi Tamburu (1500) | 1571 | 1520 | 20 | 114 | 30 | 9 | Alm.Extr. | 21.120 gr |

Using Area

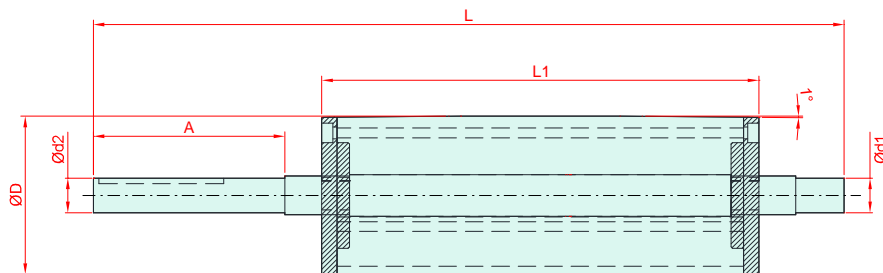
Conveyor rollers which are produced with extrusion method is lower cost and time when it is compared old-fashion pipe welding operation. It has two options which are Ø76 -Ø114 diameter.



Ø114 Roller Properties

- 1- **Body**; Aluminium Extrusion
- 2- **Bearing Shaft**; CK 45
- 3- **Side Cover** ; Flange Bearing Guide
- 4- **Surface Coating**; Optional

Ø114 The Drive Drum



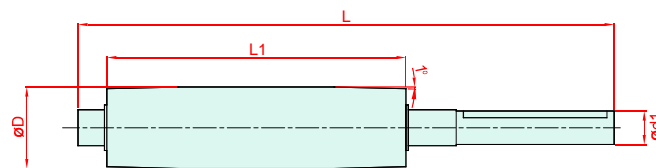
| Code | Product Name | L | L1 | A | ØD | Ød1 | Ød2 | Material | Weight |
|-------------------|------------------------------|------|------|-----|-----|-----|-----|-----------|-----------|
| 3.008.02.114.0300 | Ø114 The Drive Drum (300) | 541 | 315 | 138 | 114 | 25 | 25 | Alm.Extr. | 5.235 gr |
| 3.008.02.114.0450 | Ø114 Tahrik Tamburu (450) | 691 | 465 | 138 | 114 | 25 | 25 | Alm.Extr. | 6.979 gr |
| 3.008.02.114.0600 | Ø114 Tahrik Tamburu (600) | 841 | 615 | 138 | 114 | 25 | 25 | Alm.Extr. | 8.658 gr |
| 3.008.02.114.0800 | Ø114 Tahrik Tamburu (800) | 1041 | 815 | 138 | 114 | 25 | 25 | Alm.Extr. | 10.980 gr |
| 3.008.02.114.1000 | Ø114 Tahrik Tamburu (1000) | 1241 | 1015 | 138 | 114 | 25 | 25 | Alm.Extr. | 13.280 gr |
| 3.008.02.114.1200 | Ø114 Tahrik Tamburu (1200) | 1500 | 1220 | 138 | 114 | 30 | 25 | Alm.Extr. | 18.200 gr |
| 3.008.02.114.1350 | Ø114 Tahrik Tamburu (1350) | 1650 | 1370 | 138 | 114 | 30 | 25 | Alm.Extr. | 19.980 gr |
| 3.008.02.114.1500 | Ø114 Tahrik Tamburu (1500) | 1800 | 1520 | 138 | 114 | 30 | 25 | Alm.Extr. | 21960 gr |

Using Area

Both side flanged and with bearing aluminium extrusion conveyor rollers have practical conveyor assemble opportunities. It has 5 standart options. Also it can be produced on various lengths.



Miniature The Drive Drums (Drive)

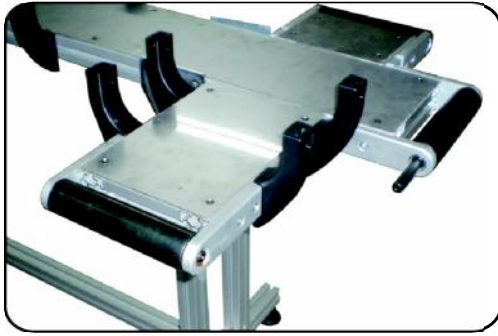


| Code | Product Name | Belt Width | L | L1 | ØD | Ød1 | Material | Weight |
|----------------------------------|--------------------|------------|-----|-----|----|-----|----------|----------|
| 3.008.02.020.020 | Ø20 The Drive Drum | 15 | 51 | 18 | 20 | Ø7 | Steel | 54 gr |
| 3.008.02.020.040 | Ø20 The Drive Drum | 35 | 71 | 38 | 20 | Ø7 | Steel | 100.5 gr |
| 3.008.02.020.080 | Ø20 The Drive Drum | 75 | 111 | 78 | 20 | Ø7 | Steel | 192 gr |
| 3.008.02.020.150 | Ø20 The Drive Drum | 150 | 192 | 156 | 24 | Ø7 | Steel | 380 gr |
| 3.008.02.020.200 | Ø20 The Drive Drum | 200 | 242 | 206 | 24 | Ø7 | Steel | 507 gr |
| 3.008.02.030.030 | Ø30 The Drive Drum | 25 | 121 | 28 | 30 | Ø14 | Steel | 256 gr |
| 3.008.02.030.060 | Ø30 The Drive Drum | 55 | 151 | 58 | 30 | Ø14 | Steel | 455 gr |
| 3.008.02.030.090 | Ø30 The Drive Drum | 85 | 181 | 88 | 30 | Ø14 | Steel | 723 gr |
| 3.008.02.030.120 | Ø30 The Drive Drum | 120 | 219 | 126 | 34 | Ø14 | Steel | 989 gr |
| 3.008.02.035.120 | Ø35 The Drive Drum | 120 | 222 | 126 | 39 | Ø14 | Steel | 1.258 gr |
| 3.008.02.035.150 | Ø35 The Drive Drum | 150 | 252 | 156 | 39 | Ø14 | Steel | 1.532 gr |
| 3.008.02.045.045 | Ø45 The Drive Drum | 40 | 140 | 43 | 45 | Ø14 | Steel | 650 gr |
| 3.008.02.045.090 | Ø45 The Drive Drum | 85 | 185 | 88 | 45 | Ø14 | Steel | 1.195 gr |
| 3.008.02.045.135 | Ø45 The Drive Drum | 130 | 230 | 133 | 45 | Ø14 | Steel | 1.750 gr |
| 3.008.02.045.180 | Ø45 The Drive Drum | 175 | 275 | 178 | 45 | Ø14 | Steel | 2.694 gr |
| 3.008.02.045.200 | Ø45 The Drive Drum | 200 | 303 | 206 | 49 | Ø14 | Steel | 3.102 gr |
| 3.008.02.045.300 | Ø45 The Drive Drum | 300 | 403 | 306 | 49 | Ø14 | Steel | 4.543 gr |
| 3.008.02.045.450 | Ø45 The Drive Drum | 450 | 553 | 456 | 49 | Ø14 | Steel | 6.706 gr |

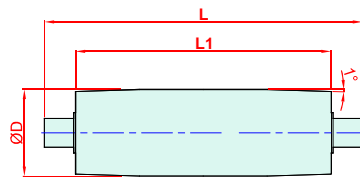
Using Area

Miniature drive rollers are specially designed for motors and gears which provides belt's movement. They are developed for miniature conveyors.





Miniature Tensioner Drums (tensioner)

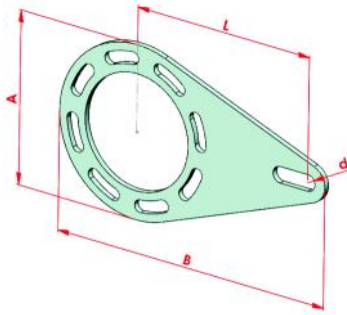


| Code | Product Name | Belt Width | L | L1 | ØD | Material | Weight |
|------------------|-------------------|------------|-----|-----|----|----------|----------|
| 3.008.01.020.020 | Ø20 Gergi Tamburu | 15 | 32 | 18 | 20 | Steel | 46 gr |
| 3.008.01.020.040 | Ø20 Gergi Tamburu | 35 | 52 | 38 | 20 | Steel | 95 gr |
| 3.008.01.020.080 | Ø20 Gergi Tamburu | 75 | 92 | 78 | 20 | Steel | 186.5 gr |
| 3.008.01.020.150 | Ø20 Gergi Tamburu | 150 | 176 | 156 | 24 | Steel | 374 gr |
| 3.008.01.020.200 | Ø20 Gergi Tamburu | 200 | 226 | 206 | 24 | Steel | 500 gr |
| 3.008.01.030.030 | Ø30 Gergi Tamburu | 25 | 40 | 28 | 30 | Steel | 244 gr |
| 3.008.01.030.060 | Ø30 Gergi Tamburu | 55 | 70 | 58 | 30 | Steel | 369 gr |
| 3.008.01.030.090 | Ø30 Gergi Tamburu | 85 | 100 | 88 | 30 | Steel | 501 gr |
| 3.008.01.030.120 | Ø30 Gergi Tamburu | 120 | 138 | 126 | 34 | Steel | 883 gr |
| 3.008.01.035.120 | Ø35 Gergi Tamburu | 120 | 144 | 126 | 39 | Steel | 1.168 gr |
| 3.008.01.035.150 | Ø35 Gergi Tamburu | 150 | 174 | 156 | 39 | Steel | 1.442 gr |
| 3.008.01.045.045 | Ø45 Gergi Tamburu | 40 | 63 | 43 | 45 | Steel | 550 gr |
| 3.008.01.045.090 | Ø45 Gergi Tamburu | 85 | 108 | 88 | 45 | Steel | 1.104 gr |
| 3.008.01.045.135 | Ø45 Gergi Tamburu | 130 | 153 | 133 | 45 | Steel | 1.661 gr |
| 3.008.01.045.180 | Ø45 Gergi Tamburu | 175 | 198 | 178 | 45 | Steel | 2.623 gr |
| 3.008.01.045.200 | Ø45 Gergi Tamburu | 200 | 226 | 206 | 49 | Steel | 3.003 gr |
| 3.008.01.045.300 | Ø45 Gergi Tamburu | 300 | 326 | 306 | 49 | Steel | 4.446 gr |
| 3.008.01.045.450 | Ø45 Gergi Tamburu | 450 | 476 | 456 | 49 | Steel | 6.627 gr |

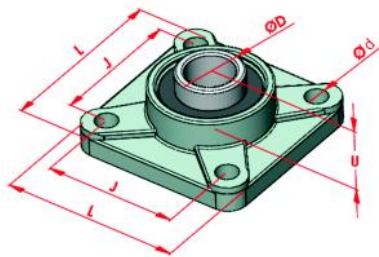


Using Area

The adjustment and tightening can be set by pulling the idle rollers on conveyor systems. Various lenght options on miniature conveyors present various belt width options.



| Code | Product Name | d | A | B | L | Material | Worm Gear Type | Weight |
|--------------------------|---------------|------|-----|-------|-----|----------|----------------|----------|
| 3.011.25 | Torque Handle | Ø8,2 | 65 | 143.5 | 101 | 3mm HRP | EV 25 | 95.5 gr |
| 3.011.30 | Torque Handle | Ø8,2 | 78 | 164 | 115 | 3mm HRP | EV 30 | 127.5 gr |
| 3.011.40 | Torque Handle | Ø8,5 | 90 | 155 | 100 | 3mm HRP | EV 40 | 125 gr |
| 3.011.50 | Torque Handle | Ø8,5 | 100 | 170 | 106 | 3mm HRP | EV 50 | 164 gr |



| Code | Product Name | D | d | J | L | U | Material | Weight |
|---------------------------------|--------------------|-----|-----|----|-----|------|----------------|---------|
| 4.007.04.204.01 | 204 Pillow Bearing | Ø20 | Ø12 | 64 | 86 | 33.7 | Steel Castings | 535 gr |
| 4.007.04.205.01 | 205 Pillow Bearing | Ø25 | Ø12 | 70 | 95 | 35.8 | Steel Castings | 710 gr |
| 4.007.04.206.01 | 206 Pillow Bearing | Ø30 | Ø12 | 83 | 108 | 40.2 | Steel Castings | 1110 gr |

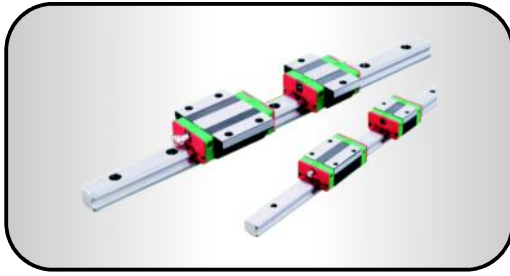
Using Area

Ucf Bearing Guide It is used for guiding both sides of the conveyor rollers.

Torque Arm It is used for adaptation of conveyor rollers acted as the motors to chassis. For accurate working terms, it is recommended to connect the motors with torque arm.



LINEAR GUIDEWAY AND RAILS



BALLSCREW AND NUTS



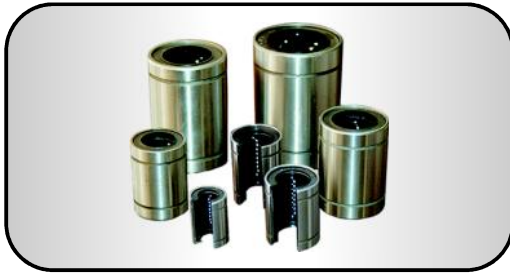
RACK & PINIONS



FLANGED LINEAR BEARINGS



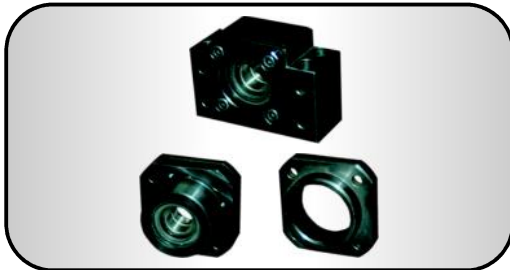
LINEAR BEARINGS



COUPLINGS



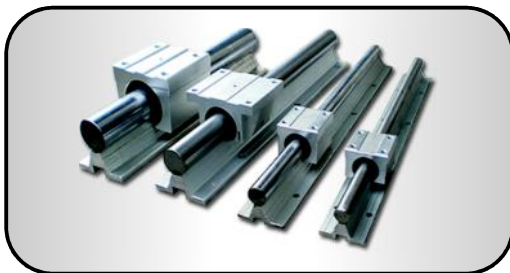
SHAFT END SUPPORT UNITS



TRACK ROLLER BEARINGS



SHAFT SUPPORT UNITS



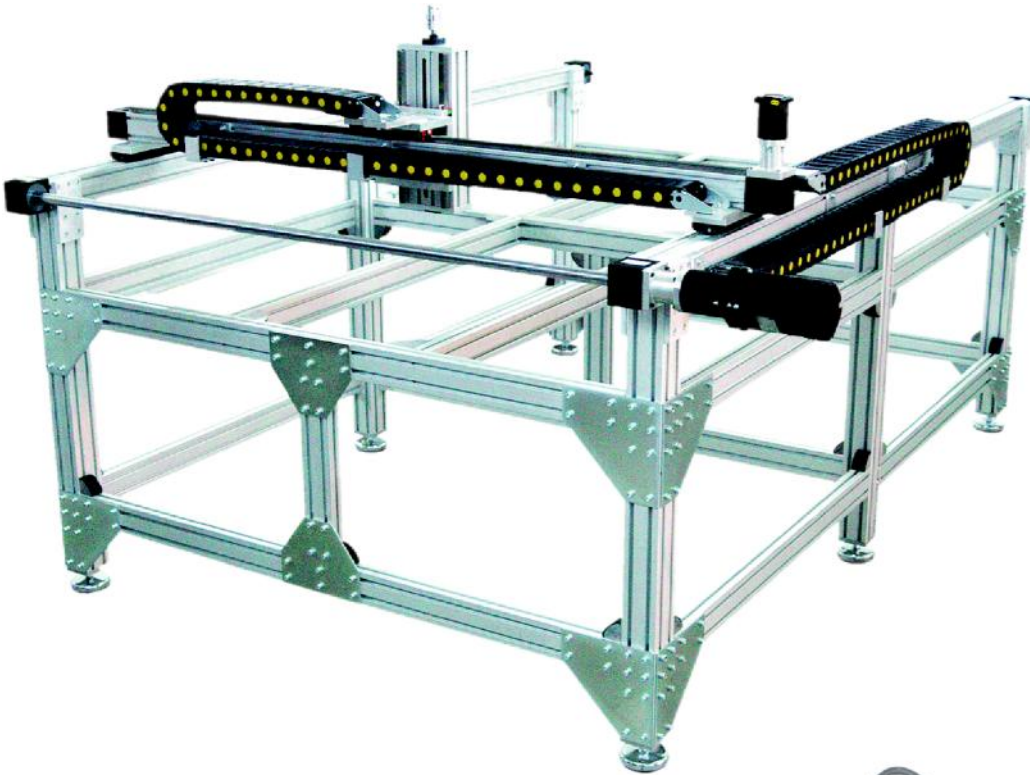
LINEAR GUIDENCES



Using Area

Different type of mechanics equipments are used in all type of machineries and industrial processes. Our company stocks includes all these mechanics parts and solutions.

3 Axes CNC Coordinates



Mini CNC Router



S-CNC-RV1 / RV2 / RV3**GENERAL SPECIFICATIONS:**

- 1- wood, plastic, plexiglass, aluminum, styrofoam etc. processing functionality
- 2- linear guideway and 4 Linear Blocks
- 3- Ball screw driven System
- 4- Precision aluminum body construction and modular system
- 5- DKZM-15 Z-Axis module
- 6- Optional three-axis motor to accuplation(servo / stepper)
- 7- Standard stepper motor accuplation (X: 8.5 Nm-Y: 4.5 Nm-Z: 4.5 Nm)
- 8- T-slot aluminum table



| CODE | MODEL | Work Area | | |
|---------------------|-----------|-----------|--------|--------|
| | | X | Y | Z |
| 5.9.1.1.350.350.100 | S-CNC-RV1 | 350 mm | 350 mm | 100 mm |
| 5.9.1.1.500.350.100 | S-CNC-RV2 | 500 mm | 350 mm | 100 mm |
| 5.9.1.1.500.530.100 | S-CNC-RV3 | 500 mm | 530 mm | 100 mm |

S-CNC-LV1 / LV2 / LV3**GENERAL SPECIFICATIONS:**

- 1- Wood, plastic, plexiglass, aluminum, styrofoam etc. processing functionality
- 2- Inductioned Hardened Chromed Shaft and 4 Linear Bearings
- 3- Ball screw driven System
- 4- Laser cutting steel and aluminum body
- 5- DKVM-16 Z-Axis module
- 6- Optional three-axis motor to accuplation(servo / stepper)
- 7- Standard stepper motor accuplation (X: 8.5 Nm-Y: 4.5 Nm-Z: 4.5 Nm)
- 8- T-slot aluminum table



| CODE | MODEL | Work Area | | |
|---------------------|-----------|-----------|--------|--------|
| | | X | Y | Z |
| 5.9.1.2.350.350.100 | S-CNC-LV1 | 350 mm | 350 mm | 100 mm |
| 5.9.1.2.500.350.100 | S-CNC-LV2 | 500 mm | 350 mm | 100 mm |
| 5.9.1.2.500.470.100 | S-CNC-LV3 | 500 mm | 470 mm | 100 mm |

M-CNC-RV1 / RV2**GENERAL SPECIFICATIONS:**

- 1- Wood, plastic, plexiglass, aluminum, styrofoam etc. processing functionality
- 2- Linear guideway and 4 Linear Blocks
- 3- Ball screw driven System
- 4- Precision aluminum body construction and modular system
- 5- DKZM-15 Z-Axis module
- 6- Optional three-axis motor to accuplation(servo / stepper)
- 7- Standard stepper motor accuplation (X:12,5Nm-Y:8,5Nm-Z:4,5Nm)
- 8- T-slot aluminum table



| CODE | MODEL | Work Area | | |
|-----------------------|-----------|-----------|---------|--------|
| | | X | Y | Z |
| 5.9.2.1.1500.1000.150 | M-CNC-RV1 | 1500 mm | 1000 mm | 150 mm |
| 5.9.2.2.2000.1000.150 | M-CNC-RV2 | 2000 mm | 1000 mm | 150 mm |

M-CNC-KR1 / KR2**GENERAL SPECIFICATIONS:**

- 1- Wood, plastic, plexiglass, aluminum, styrofoam etc. processing functionality
- 2- The hollow pool shaped chassis design for specific applications (to plate cutting, laser cutting, water jet)
- 3- linear guideway and 4 Linear Blocks
- 4- Kremayer/pinyon di li tahrik
- 5- DKZM-20 Z-Axis module
- 6- Precision and rigid aluminum constructed chassis and modular system
- 7- Optional three-axis motor to accuplation(servo / stepper)
- 8- Standard stepper motor accuplation (X:12,5Nm-Y:8,5Nm-Z:4,5Nm)
- 9- T-slot aluminum table



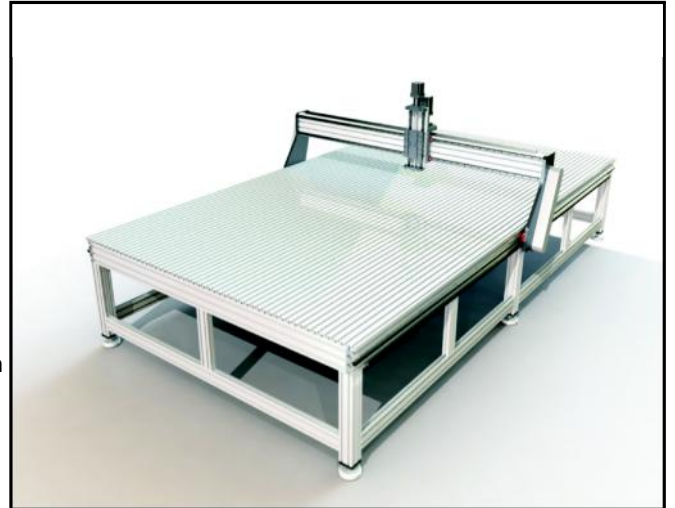
| CODE | MODEL | Work Area | | |
|-----------------------|-----------|-----------|---------|--------|
| | | X | Y | Z |
| 5.9.2.3.1500.1000.150 | M-CNC-KR1 | 1500 mm | 1000 mm | 150 mm |
| 5.9.2.3.2000.1000.150 | M-CNC-KR2 | 2000 mm | 1000 mm | 150 mm |



L-CNC- KR1 / KR2

GENERAL SPECIFICATIONS:

- 1- wooden, plastic, plexiglass, aluminum, styrofoam etc. processing functionality
- 2- Linear guideway and 4 Linear Blocks
- 3- Rack and pinion driven System
- 4- Precision and rigid aluminum constructed chassis and modular system
- 5- DKZM-15 Z-Axis module
- 6- Optional three-axis motor to accuplation(servo / stepper)
- 7- Standard stepper motor accuplation (X:12,5Nm-Y:8,5Nm-Z:4,5Nm)
- 8- T-slot aluminum table



| CODE | MODEL | Work Area | | |
|-----------------------|-----------|-----------|---------|--------|
| | | X | Y | Z |
| 5.9.3.1.3000.1500.200 | L-CNC-KR1 | 3000 mm | 1500 mm | 200 mm |
| 5.9.3.1.4000.2100.200 | L-CNC-KR2 | 4000 mm | 2100 mm | 200 mm |

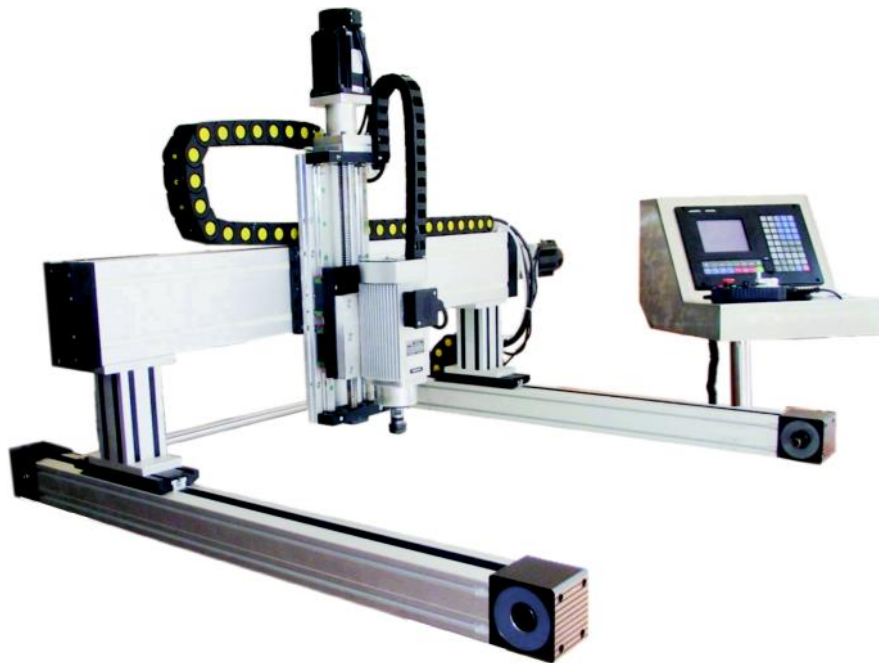
L-CNC-CL1 / CL2

GENERAL SPECIFICATIONS:

- 1- Wooded, plastic, plexiglass, aluminum, styrofoam etc. processing functionality
- 2- The hollow pool shaped chassis design for specific applications (to plate cutting, laser cutting, water jet)
- 3- Linear guideway and 4 Linear Blocks
- 4- Rack and pinion driven System
- 5- Precision and rigid steel constructed chassis
- 6- DKZM-20 Z-Axis module
- 7- Optional three-axis motor to accuplation (servo / stepper)
- 8- Standard stepper motor accuplation (X:12,5Nm-Y:8,5Nm-Z:4,5Nm)



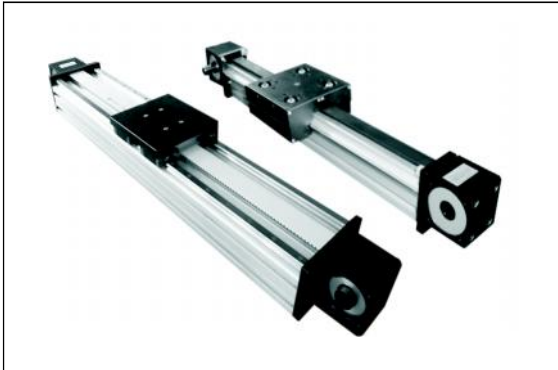
| CODE | MODEL | Work Area | | |
|-----------------------|-----------|-----------|---------|--------|
| | | X | Y | Z |
| 5.3.3.2.3000.1500.200 | L-CNC-CL1 | 3000 mm | 1500 mm | 200 mm |
| 5.9.3.2.4000.2100.200 | L-CNC-CL2 | 4000 mm | 2100 mm | 200 mm |



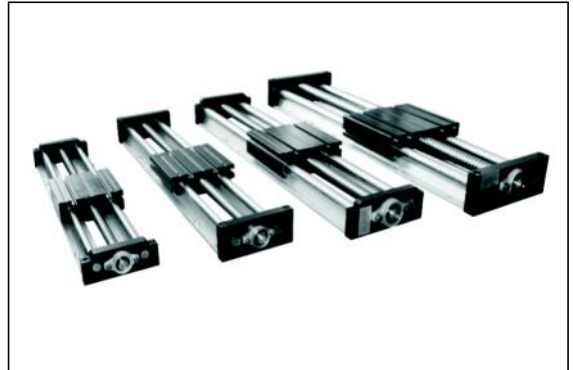
It is possible to create linear motion systems with modular systems which are chosen according to performance option.

Ballscrew, Timing Belt and Rack&Pnion Driven Modular Systems

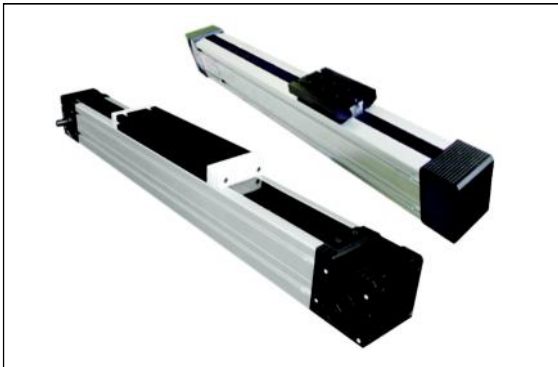
Linear Timing Modules



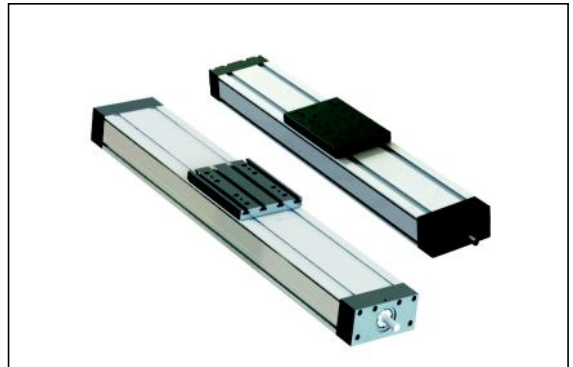
Ball Screw Linear Modules



Compact Linear Modules



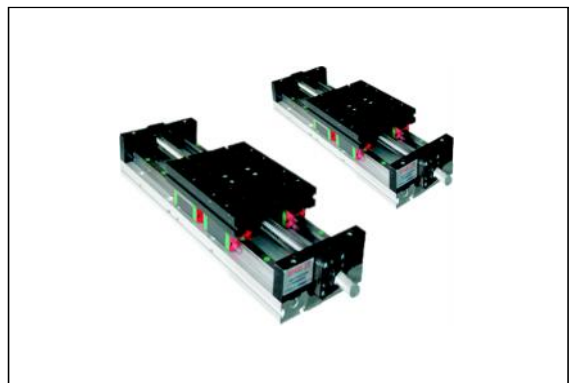
Compact Linear Module (Dual Rail)



Rack & Pinion Block Modules



Dkzm15-20 (Z) Axis Module



Using Area

It is possible to create any kind of mechanical axial coordinates with various module options on your machines. With desired motor option needed movement can be done. (Please check the details on 8.0 product catalogue.)