



PROFILE SYSTEMS

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The ideal profile system for machine construction.

With the Alvaris aluminium building set you can quickly and efficiently our idea of a perfect machine rack, protective fence, test range, worktable. Running position changes and a perfect interplay characterise our system – and our style of processing your project.

Quality profile.

Extruded. Strictly tested. Our profiles are made from top-quality raw materials and with strict tolerances. Thanks to standard grid dimensions and clever connection methods, they even dock to unfamiliar systems.

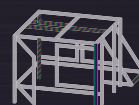
The service modules.

All profiles, accessory parts and connection elements in this catalogue can be supplied from stock. Profiles can be supplied in lengths of 6 m or as tailor-made cuts, processed ready for installation, if requested. We will be happy to supply fully installed systems according to your plans or support you during planning and projecting. If your task requires special or new components, we will develop or procure them quickly.

BUILDING KIT SYSTEMS ALUMINUM-
PROFILES, FASTENERS, ACCESSORIES



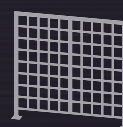
COSTUMER TAILORED SOLUTIONS



WORK BENCH SYSTEM



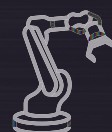
SAFETY FENCES,
LIFTING AND ROLLING GATES



CONVEYOR TECHNOLOGY

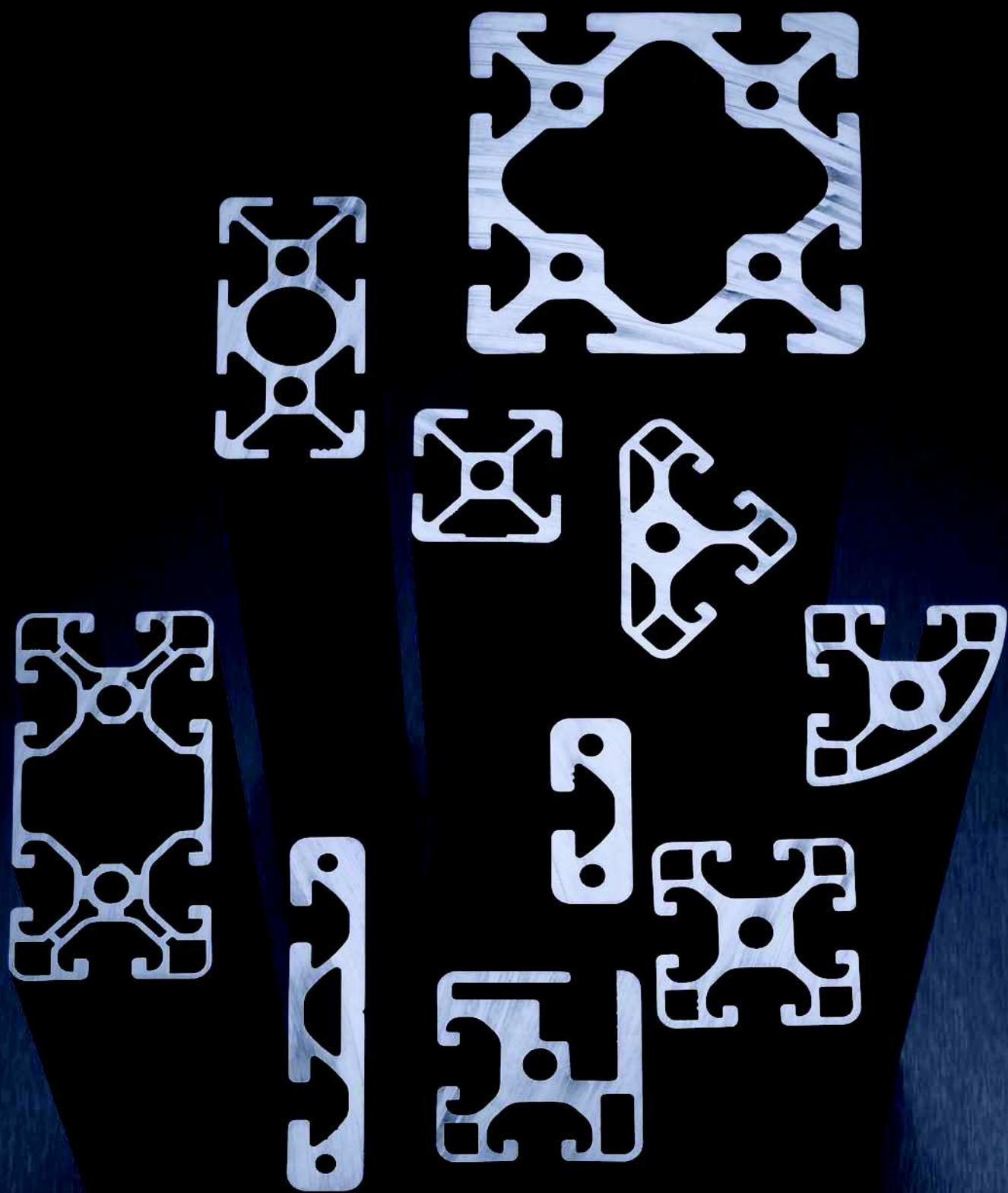


AUTOMATION



TECHNICAL BASICS





PROFILE RANGE 8



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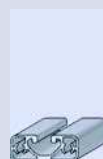
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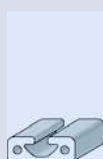
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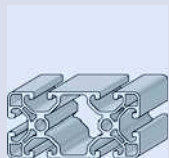
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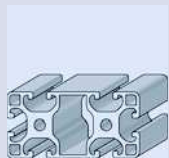
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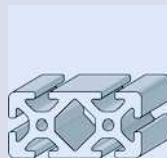
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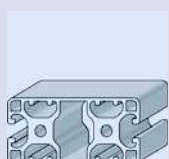
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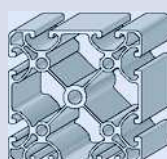
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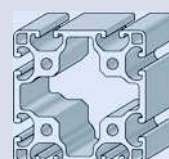
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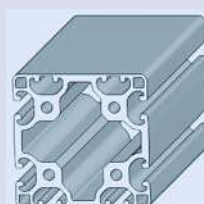
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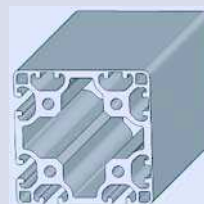
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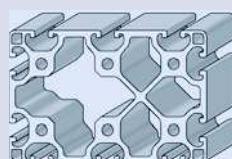
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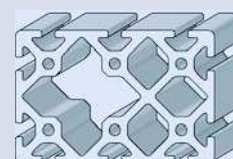
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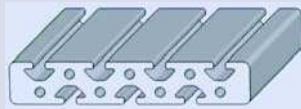
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PROFILE RANGE 8

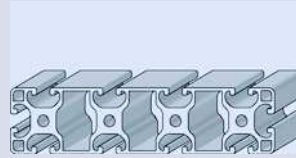
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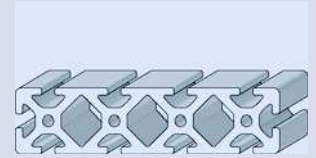
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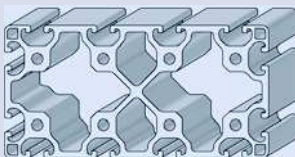
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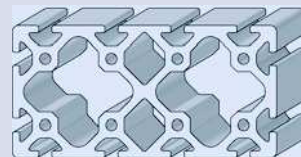
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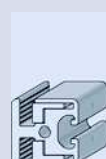
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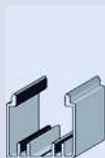
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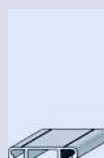
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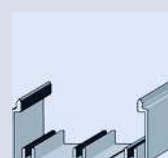
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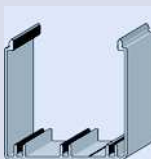
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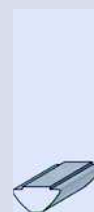
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PROFILE RANGE 8

Profile 8 30x30

ORDER N°. PRO8.3030

L=6000+30 mm

m=0,9kg/m

A=3,29cm²

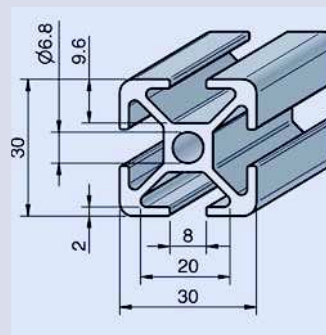
W_x=2,16cm³

W_y=2,16cm³

I_x=3,13cm⁴

I_y=3,13cm⁴

Profile for light and cost-effective constructions. The 8mm wide longitudinal grooves allow standard sliding blocks (except for sliding blocks with ridge, heavy) to be inserted. When slewing in ensure that correct direction is used, since the groove is asymmetrically shaped.



Profile 8 30x30 1N

ORDER N°. PRO8.30301N

L=6000+30 mm

m=0,92kg/m

A=3,29cm²

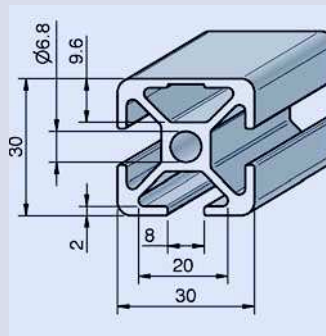
W_x=2,26cm³

W_y=1,08cm³

I_x=3,45cm⁴

I_y=2,64cm⁴

Profiles for light-weight and economic structures with a closed groove to protect against dirt penetration and to act as a visual feature. The width of the groove is 8 mm and permits the use of standard T nuts (except for T nuts with a „heavy” spacer). Because of the asymmetric shape, be sure to select the correct direction of insertion.



Profile 8 30x30 2N 90°

ORDER N°. PRO8.30302N90

L=6000+30 mm

m=0,95kg/m

A=3,51cm²

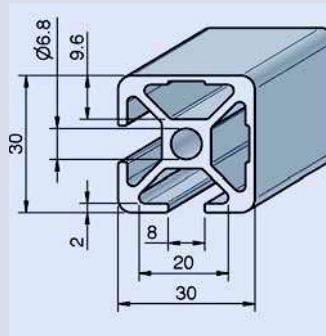
W_x=2,26cm³

W_y=2,26cm³

I_x=3,45cm⁴

I_y=3,45cm⁴

Profiles for light-weight and economic structures with a closed groove to protect against dirt penetration and to act as a visual feature. The width of the groove is 8 mm and permits the use of standard T nuts (except for T nuts with a „heavy” spacer). Because of the asymmetric shape, be sure to select the correct direction of insertion.



Profile 8 R30 90°

ORDER N°. PRO8.R3090

L=6000+30 mm

m=0,83kg/m

A=3,06cm²

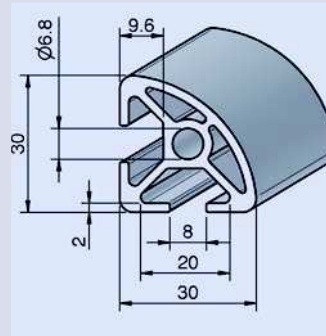
W_x=1,72cm³

W_y=1,70cm³

I_x=2,68cm⁴

I_y=2,62cm⁴

Profile for bracing, cover hoods, display cases, tables and other decorative visible surfaces. The groove width of 8 mm makes possible the use of standard groove stones (except for groove stones with heavy base). Due to the asymmetric groove form, the pivoting direction is to be taken into consideration.



PROFILE RANGE 8

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Profile 8 60x30

ORDER N°. PRO8.6030

L=6000+30 mm

m=1,84kg/m

A=6,83cm²

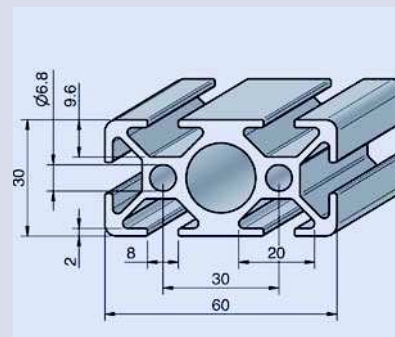
W_x=4,53cm³

W_y=7,49cm³

I_x=6,81cm⁴

I_y=22,68cm⁴

Profile for light and cost-effective constructions. The 8mm wide longitudinal grooves allow standard sliding blocks (except for sliding blocks with ridge, heavy) to be inserted. When slewing in ensure that correct direction is used, since the groove is asymmetrically shaped.



Profile 8 60x30 2N

ORDER N°. PRO8.60302N

L=6000+30 mm

m=1,92kg/m

A=7,11cm²

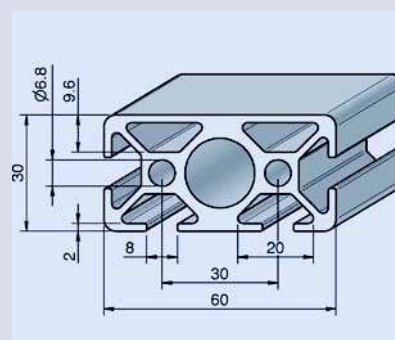
W_x=4,11cm³

W_y=8,09cm³

I_x=6,42cm⁴

I_y=22,43cm⁴

Profile for light and inexpensive constructions with closed groove against the infiltration of dirt and as decorative visible surface. The groove width of 8 mm makes possible the use of standard groove stones (except for groove stones with heavy base). Due to the asymmetric groove form, the pivoting direction is to be taken into consideration.



Profile 8 60x60

ORDER N°. PRO8.6060

L=6000+30 mm

m=2,63kg/m

A=13,50cm²

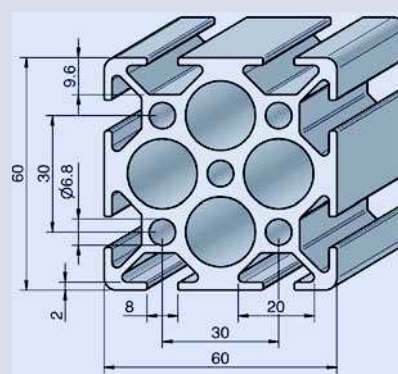
W_x=14,50cm³

W_y=14,50cm³

I_x=43,60cm⁴

I_y=43,60cm⁴

Profile for light and cost-effective constructions. The 8mm wide longitudinal grooves allow standard sliding blocks (except for sliding blocks with ridge, heavy) to be inserted. When slewing in ensure that correct direction is used, since the groove is asymmetrically shaped.



PROFILE RANGE 8

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Profile 40x16E

ORDER N°. PRO4016E

L=6000+70mm

m=0,65kg/m

A=2,40cm²

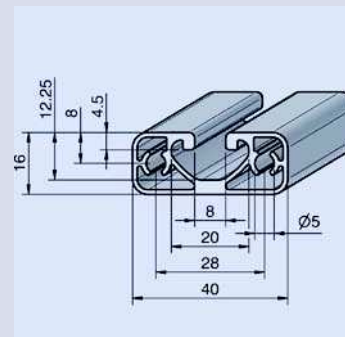
W_x=0,81cm³

W_y=1,83cm³

I_x=0,65cm⁴

I_y=3,66cm⁴

Light-weight profile for constructions strongly restricted in terms of weight and price.



Profile 40x16

ORDER N°. PRO4016

L=6000+70mm

m=1,15kg/m

A=4,26cm²

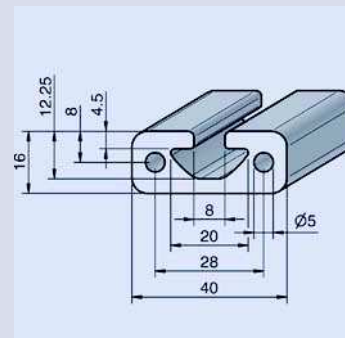
W_x=1,24cm³

W_y=3,46cm³

I_x=1,06cm⁴

I_y=6,93cm⁴

Flat profile for handles, edge strips and various attachments.



PROFILE RANGE 8

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Profile 40x40E

ORDER N°. PRO4040E

L=6000+70mm

m=1,36kg/m

A=5,04cm²

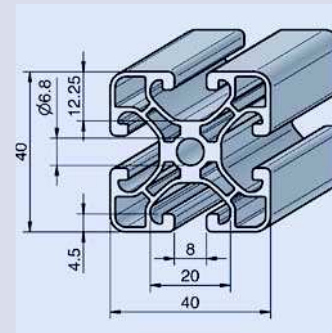
W_x=3,67cm³

W_y=3,67cm³

I_x=7,34cm⁴

I_y=7,34cm⁴

Light-weight profile for constructions strongly restricted in terms of weight and price.



Profile 40x40L

ORDER N°. PRO4040L

L=6000+70mm

m=1,75kg/m

A=6,49cm²

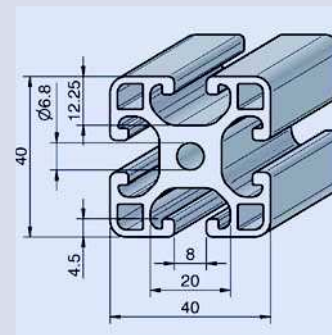
W_x=4,54cm³

W_y=4,54cm³

I_x=9,08cm⁴

I_y=9,08cm⁴

Light-weight profile for constructions restricted in terms of weight and price.



Profile 40x40

ORDER N°. PRO4040

L=6000+70mm

m=2,48kg/m

A=9,20cm²

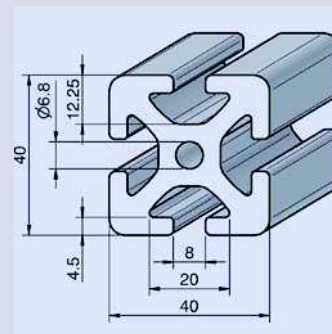
W_x=7,02cm³

W_y=7,02cm³

I_x=14,00cm⁴

I_y=14,00cm⁴

Profile for general constructions.



PROFILE RANGE 8

Profile 40x40L 1N

ORDER N°. PRO4040L1N

L=6000+70mm

m=1,81kg/m

A=6,68cm²

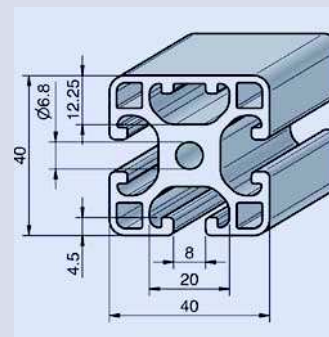
W_x=4,75cm³

W_y=4,55cm³

I_x=9,75cm⁴

I_y=9,10cm⁴

Light-weight profile with closed groove for dirt penetration prevention or as decorative frontal view.



Profile 40x40L 2N 90°

ORDER N°. PRO4040L2N90

L=6000+70mm

m=1,86kg/m

A=6,87cm²

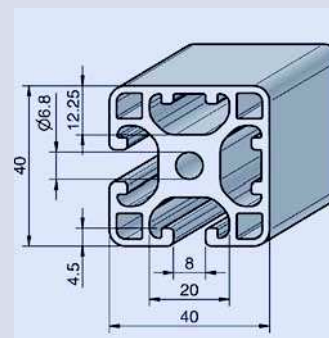
W_x=4,70cm³

W_y=4,70cm³

I_x=9,78cm⁴

I_y=9,78cm⁴

Light-weight profile with closed groove for dirt penetration prevention or as decorative frontal view.



Profile 40x40L 2N 180°

ORDER N°. PRO4040L2N180

L=6000+70mm

m=1,86kg/m

A=6,84cm²

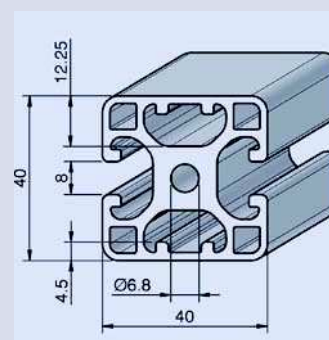
W_x=4,51cm³

W_y=5,05cm³

I_x=9,02cm⁴

I_y=10,11cm⁴

Light-weight profile with closed groove for dirt penetration prevention or as decorative frontal view.



Profile 40x40L 3N

ORDER N°. PRO4040L3N

L=6000+70mm

m=1,90kg/m

A=6,96cm²

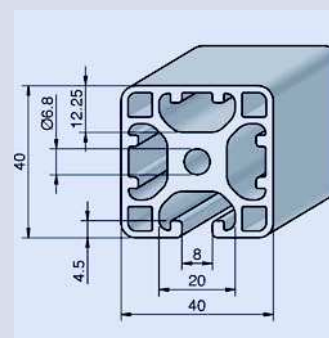
W_x=4,70cm³

W_y=5,11cm³

I_x=9,62cm⁴

I_y=10,22cm⁴

Light-weight profile with closed groove for dirt penetration prevention or as decorative frontal view.



PROFILE RANGE 8

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Profile 40x40L 45°

ORDER N°. PRO4040L45

L=6000+70mm

m=1,52kg/m

A=5,64cm²

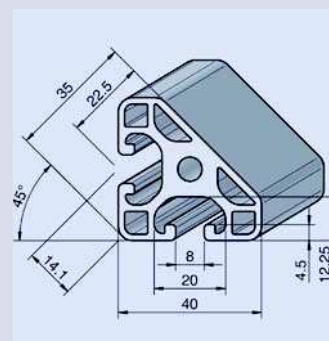
W_x=2,97cm³

W_y=2,97cm³

I_x=6,65cm⁴

I_y=6,65cm⁴

Profile for cross-struts, covering caps, tables or other decorative visible surfaces.



Profile 40x40 45°

ORDER N°. PRO404045

L=6000+70mm

m=1,97kg/m

A=7,30cm²

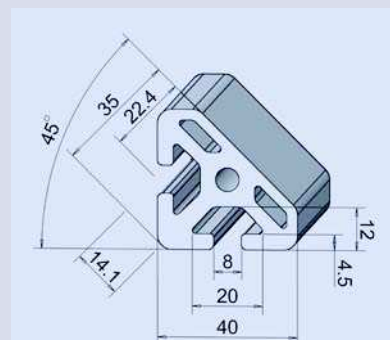
W_x=4,08cm³

W_y=4,08cm³

I_x=9,39cm⁴

I_y=9,39cm⁴

Profile for cross-struts, covering caps, tables or other decorative visible surfaces.



Profile R40L 90°

ORDER N°. PRO4040L90

L=6000+70mm

m=1,48kg/m

A=5,37cm²

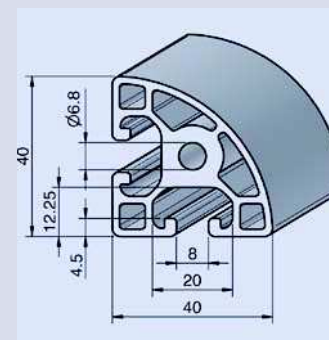
W_x=2,95cm³

W_y=2,95cm³

I_x=6,58cm⁴

I_y=6,58cm⁴

Profile for cross-struts, covering caps, tables or other decorative visible surfaces.



Profile 80x16

ORDER N°. PRO8016

L=6000+70mm

m=2,17kg/m

A=8,04cm²

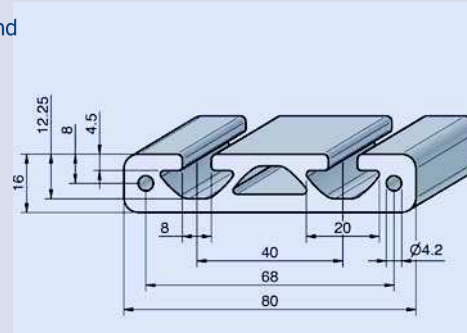
W_x=2,51cm³

W_y=12,40cm³

I_x=2,18cm⁴

I_y=49,40cm⁴

Flat profile for handles, edge strips and various attachments.



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Profile 80x40E

ORDER N°. PRO8040E

L=6000+70mm

m=2,37kg/m

A=8,73cm²

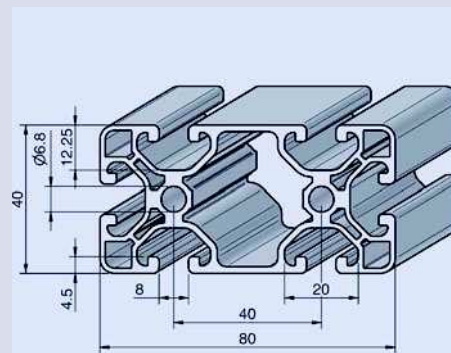
W_x=7,37cm³

W_y=14,40cm³

I_x=14,70cm⁴

I_y=57,70cm⁴

Light-weight profile for constructions strongly restricted in terms of weight and price.



Profile 80x40L

ORDER N°. PRO8040L

L=6000+70mm

m=3,07kg/m

A=11,30cm²

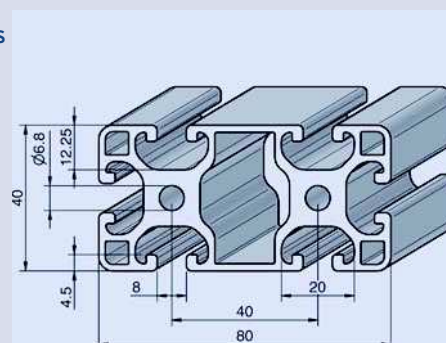
W_x=8,37cm³

W_y=17,50cm³

I_x=16,80cm⁴

I_y=69,90cm⁴

Light-weight profile for constructions restricted in terms of weight and price.



Profile 80x40

ORDER N°. PRO8040

L=6000+70mm

m=4,54kg/m

A=16,80cm²

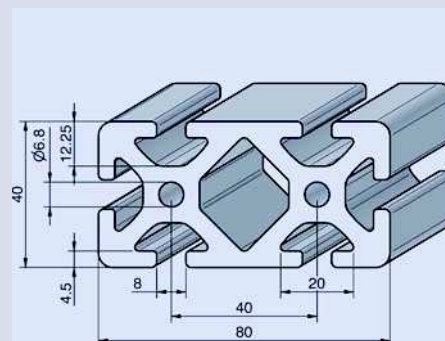
W_x=13,50cm³

W_y=25,40cm³

I_x=27,00cm⁴

I_y=102,00cm⁴

Profile for general constructions. The large, closed cavity is suited as compressed air piping.



PROFILE RANGE 8

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Profile 80x40L 1N

ORDER N°. PRO8040L1N

L=6000mm

m=3,11kg/m

A=11,53cm²

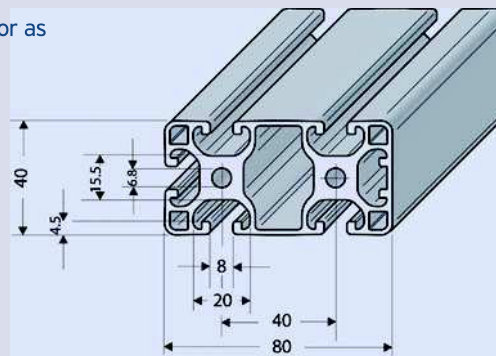
W_x=8,46cm³

W_y=17,81cm³

I_x=16,92cm⁴

I_y=72,13cm⁴

Light-weight profile with closed groove for dirt penetration prevention or as decorative frontal view.



Profile 80x40L 2N

ORDER N°. PRO8040L2N

L=6000+70mm

m=3,11kg/m

A=11,58cm²

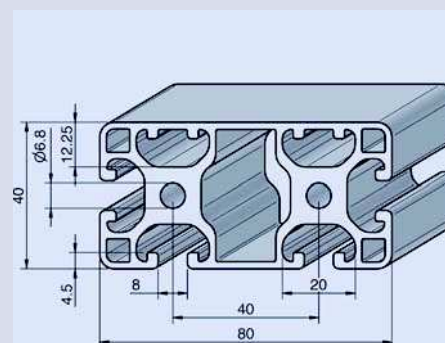
W_x=8,81cm³

W_y=17,71cm³

I_x=17,71cm⁴

I_y=70,85cm⁴

Light-weight profile with closed groove for dirt penetration prevention or as decorative frontal view.



Profile 80x40L 3N 90°

ORDER N°. PRO8040L3N90

L=6000mm

m=3,20kg/m

A=11,75cm²

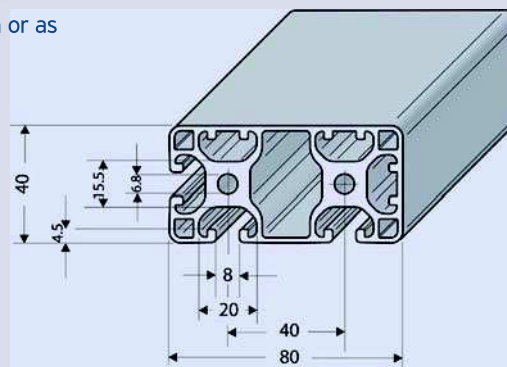
W_x=8,63cm³

W_y=17,81cm³

I_x=17,73cm⁴

I_y=72,13cm⁴

Light-weight profile with closed groove for dirt penetration prevention or as decorative frontal view.



PROFILE RANGE 8

ALVÁRIS
PROFILE SYSTEMS

Profile R40/80 30°

ORDER N°. PROR408030

L=6000+70mm

m=1,32kg/m

A=4,88cm²

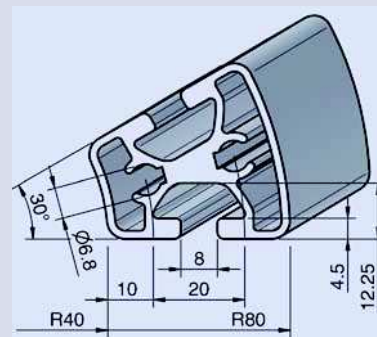
W_x=2,27cm³

W_y=2,84cm³

I_x=5,14cm⁴

I_y=6,57cm⁴

Profile for cross-struts, covering caps, tables or other decorative visible surfaces.



Profile R40/80 45°

ORDER N°. PROR408045

L=6000+70mm

m=2,73kg/m

A=10,00cm²

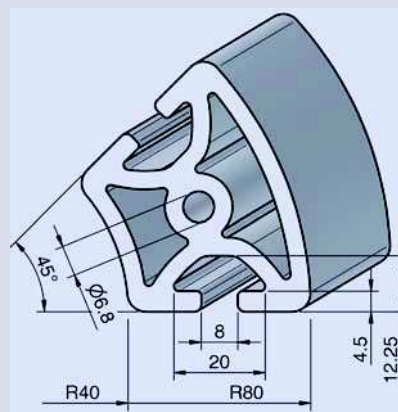
W_x=6,93cm³

W_y=6,33cm³

I_x=22,00cm⁴

I_y=16,50cm⁴

Profile for cross-struts, covering caps, tables or other decorative visible surfaces.



PROFILE RANGE 8

ALVÁRIS
PROFILE SYSTEMS



Profile R40/80 60°

ORDER N°. PROR408060

L=6000+70mm

m=2,19kg/m

A=8,08cm²

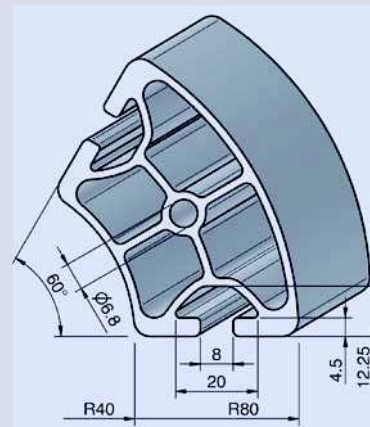
W_x=8,47cm³

W_y=6,69cm³

I_x=32,60cm⁴

I_y=19,60cm⁴

Profile for cross-struts, covering caps, tables or other decorative visible surfaces.



Profile R40/80 90°

ORDER N°. PROR408090

L=6000+70mm

m=3,46kg/m

A=12,80cm²

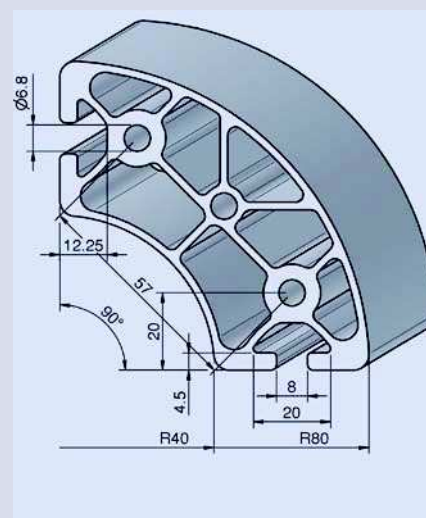
W_x=17,10cm³

W_y=17,10cm³

I_x=69,00cm⁴

I_y=69,00cm⁴

Profile for cross-struts, covering caps, tables or other decorative visible surfaces.



PROFILE RANGE 8

ALVÁRIS
PROFILE SYSTEMS

Profile 80x80E

ORDER N°. PRO8080E

L=6000+70mm

m=4,00kg/m

A=14,86cm²

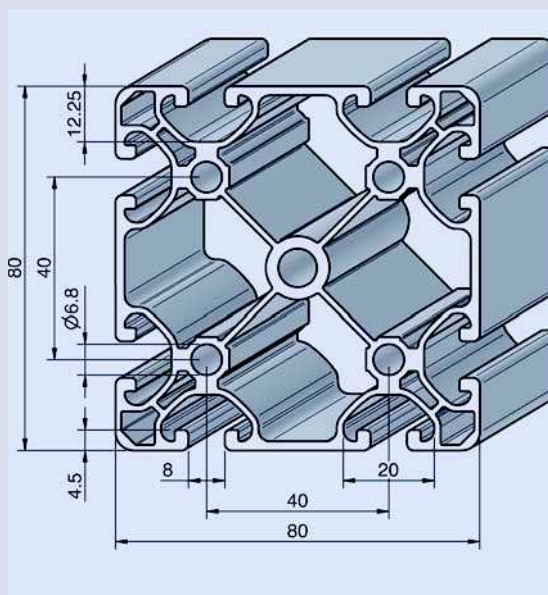
W_x=25,17cm³

W_y=25,17cm³

I_x=100,69cm⁴

I_y=100,69cm⁴

Light-weight profile for constructions strongly restricted in terms of weight and price.



Profile 80x80L

ORDER N°. PRO8080L

L=6000+70mm

m=5,19kg/m

A=19,20cm²

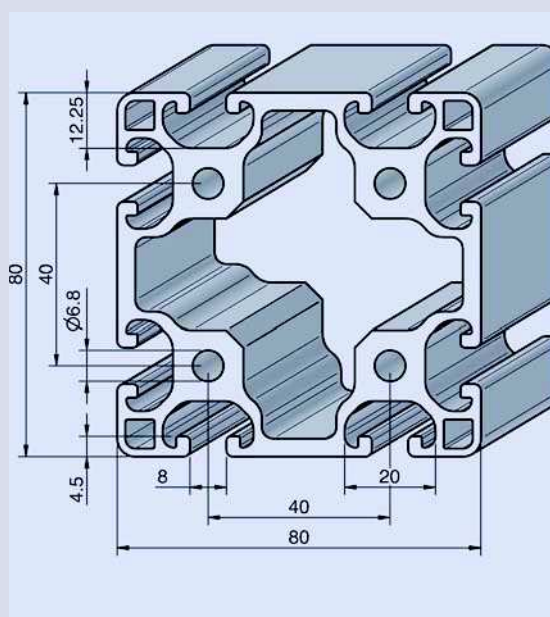
W_x=32,80cm³

W_y=32,80cm³

I_x=131,00cm⁴

I_y=131,00cm⁴

Light-weight profile for constructions restricted in terms of weight and price.



PROFILE RANGE 8

ALVÁRIS
PROFILE SYSTEMS



Profile 80x80

ORDER N°. PRO8080

L=6000+70mm

m=7,14kg/m

A=26,30cm²

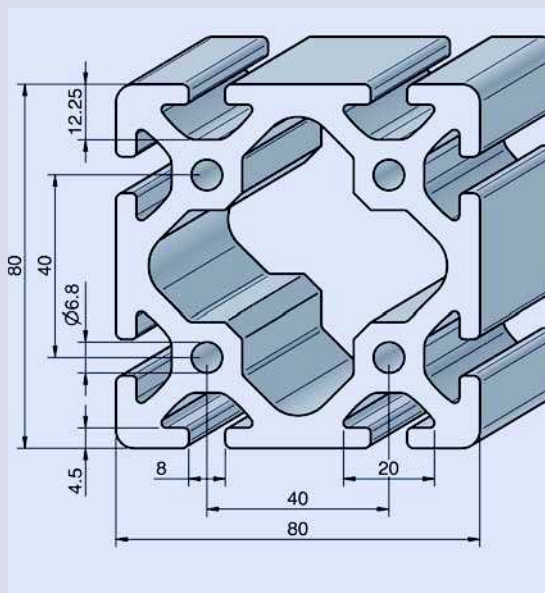
W_x=46,60cm³

W_y=46,60cm³

I_x=186,00cm⁴

I_y=186,00cm⁴

Profile for general constructions. The large, closed cavity is suited as compressed air piping.



Profile 80x80L 45°

ORDER N°. PRO8080L45

L=6000+70mm

m=4,99kg/m

A=18,30cm²

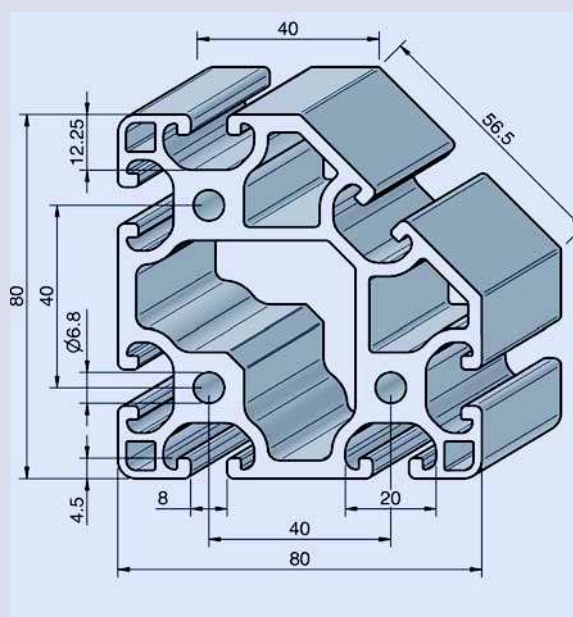
W_x=24,40cm³

W_y=24,40cm³

I_x=107,00cm⁴

I_y=107,00cm⁴

Light-weight profile for corner constructions and cross-struts.



PROFILE RANGE 8

ALVÁRIS
PROFILE SYSTEMS

Profile 80x80L 2N

ORDER N°. PRO8080L2N

L=6000mm

m=5,42kg/m

A=20,08cm²

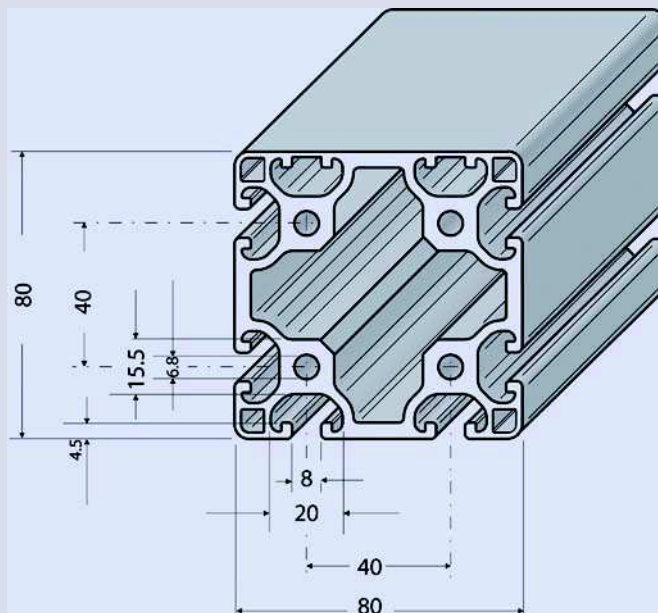
W_x=34,25cm³

W_y=34,25cm³

I_x=139,01cm⁴

I_y=139,01cm⁴

Light-weight profile with closed groove for dirt penetration prevention or as decorative frontal view.



Profile 80x80L 4N 90°

ORDER N°. PRO8080L4N90

L=6000mm

m=5,50kg/m

A=20,39cm²

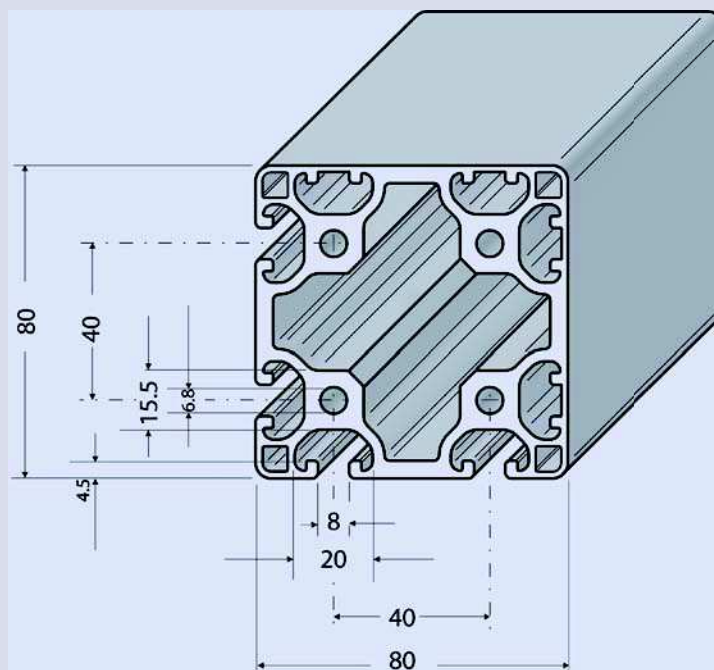
W_x=34,48cm³

W_y=34,48cm³

I_x=140,01cm⁴

I_y=140,01cm⁴

Light-weight profile with closed groove for dirt penetration prevention or as decorative frontal view.



PROFILE RANGE 8



Profile 120x40L

ORDER N°. PRO12040L

L=6000+70mm

m=4,38kg/m

A=16,20cm²

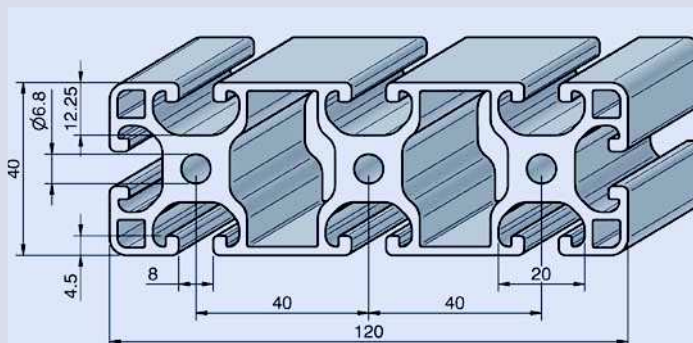
W_x=12,20cm³

W_y=36,90cm³

I_x=24,40cm⁴

I_y=222,00cm⁴

Light-weight profile for constructions restricted in terms of weight and price.



Profile 120x40

ORDER N°. PRO12040

L=6000+70mm

m=6,66kg/m

A=24,60cm²

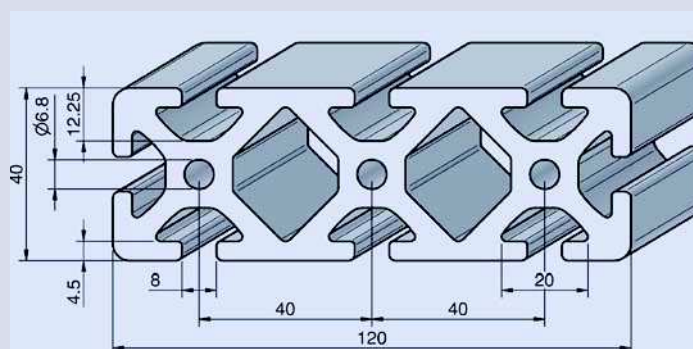
W_x=20,20cm³

W_y=54,40cm³

I_x=40,40cm⁴

I_y=326,00cm⁴

Profile for general constructions. The large, closed cavity is suited as compressed air piping.



PROFILE RANGE 8

Profile 120x80L

ORDER N°. PRO12080L

L=6000+70mm

m=8,12kg/m

A=30,00cm²

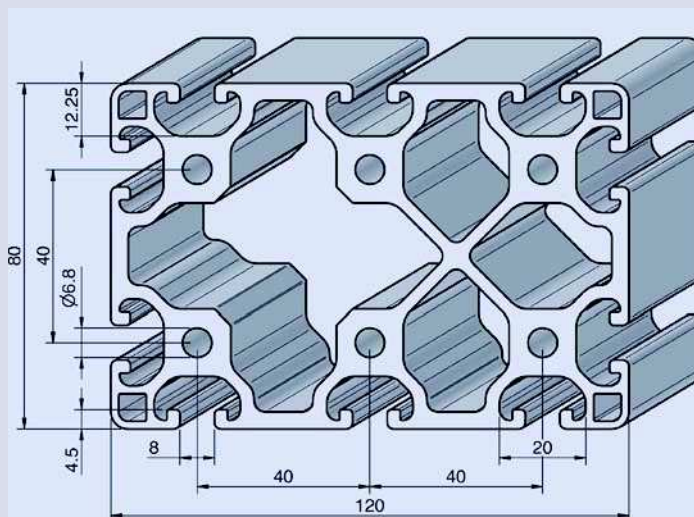
W_x=50,96cm³

W_y=68,92cm³

I_x=203,82cm⁴

I_y=424,82cm⁴

Light-weight profile for constructions restricted in terms of weight and price.



Profile 120x80

ORDER N°. PRO12080

L=6000+70mm

m=10,43kg/m

A=38,50cm²

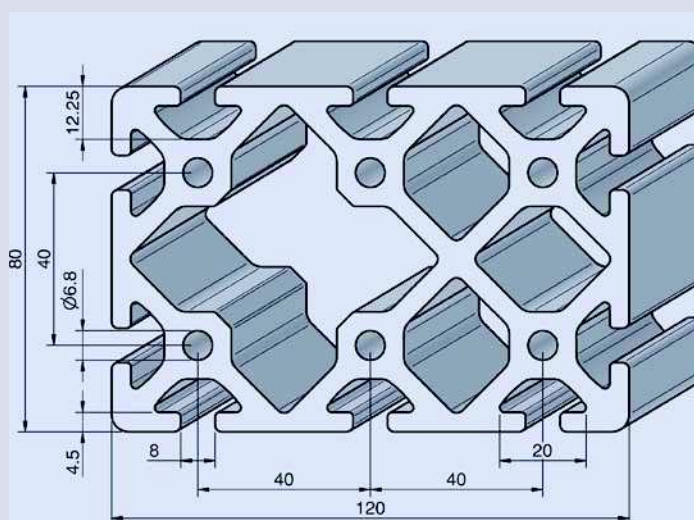
W_x=66,80cm³

W_y=90,20cm³

I_x=267,00cm⁴

I_y=560,00cm⁴

Profile for general constructions.



PROFILE RANGE 8

ALVÁRIS
PROFILE SYSTEMS



Profile 160x16

ORDER N°. PRO16016

L=6000+70mm

m=3,75kg/m

A=13,82cm²

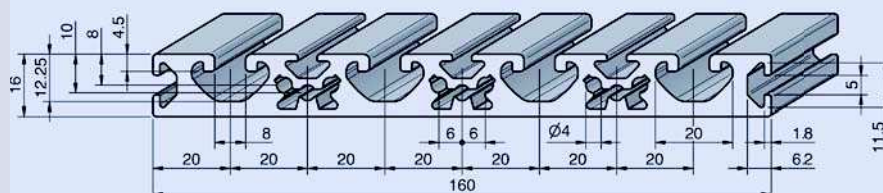
Wx=4,21cm³

Wy=38,36cm³

Ix=3,85cm⁴

Iy=306,89cm⁴

The flat profile is suitable as platform for universal machine tables used for processing pieces, for electr. switch cabinet systems or as point of intersection between Range 8 and Range 5. For corresponding system modules see Accessories Range 8 and/or Range 5.



Profile 160x28

ORDER N°. PRO16028

L=6000mm

m=8,39kg/m

A=20,49cm²

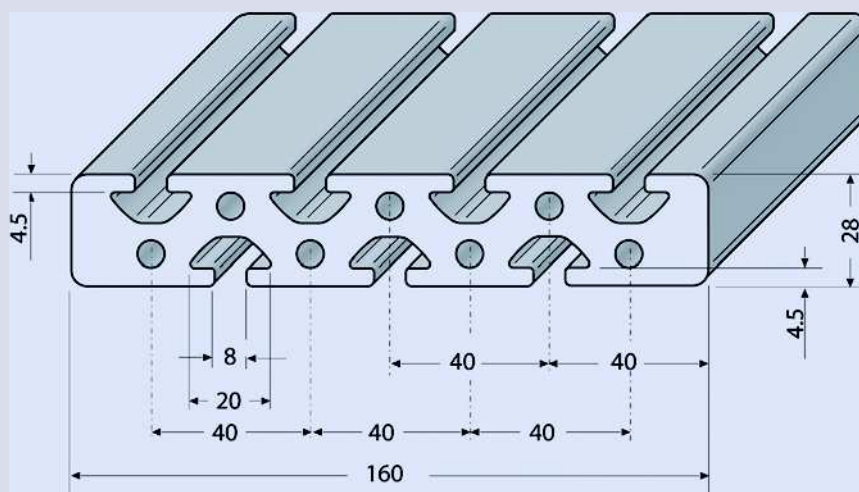
Wx=14,33cm³

Wy=90,85cm³

Ix=20,49cm⁴

Iy=726,81cm⁴

The flat profile is suitable as platform for universal machine tables used for processing pieces, for electr. switch cabinet systems or as point of intersection between Range 8.



PROFILE RANGE 8

Profile 160x40L

ORDER N°. PRO16040L

L=6000+70mm

m=5,69kg/m

A=21,00cm²

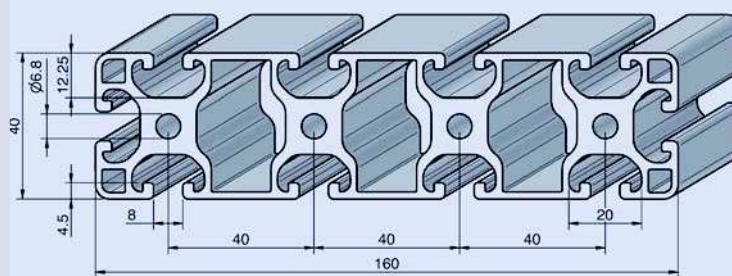
W_x=16,00cm³

W_y=62,80cm³

I_x=32,00cm⁴

I_y=503,00cm⁴

Light-weight profile for constructions restricted in terms of weight and price.



Profile 160x40

ORDER N°. PRO16040

L=6000+70mm

m=8,67kg/m

A=32,00cm²

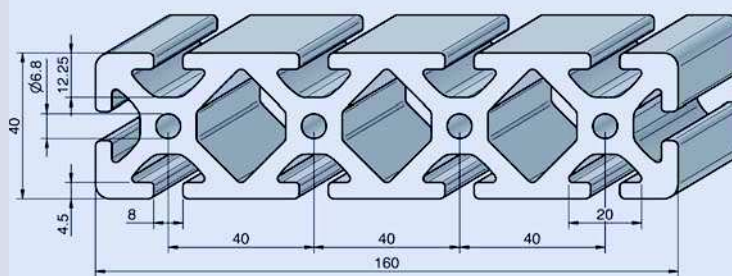
W_x=26,36cm³

W_y=92,45cm³

I_x=52,72cm⁴

I_y=739,62cm⁴

Profile for general constructions.



PROFILE RANGE 8

ALVÁRIS
PROFILE SYSTEMS



Profile 160x80L

ORDER N°. PRO16080L

L=6000+70mm

m=10,31kg/m

A=38,00cm²

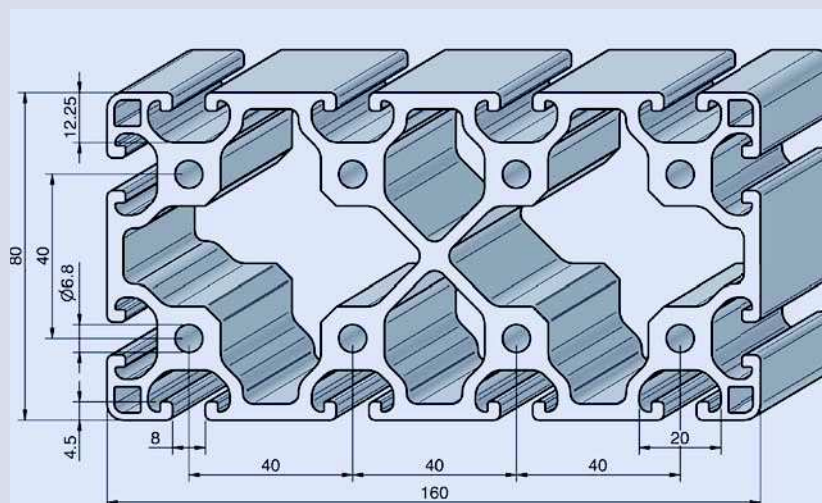
W_x=67,60cm³

W_y=115,00cm³

I_x=270,00cm⁴

I_y=921,00cm⁴

Light-weight profile for constructions restricted in terms of weight and price.



Profile 160x80

ORDER N°. PRO16080

L=6000+70mm

m=13,49kg/m

A=49,96cm²

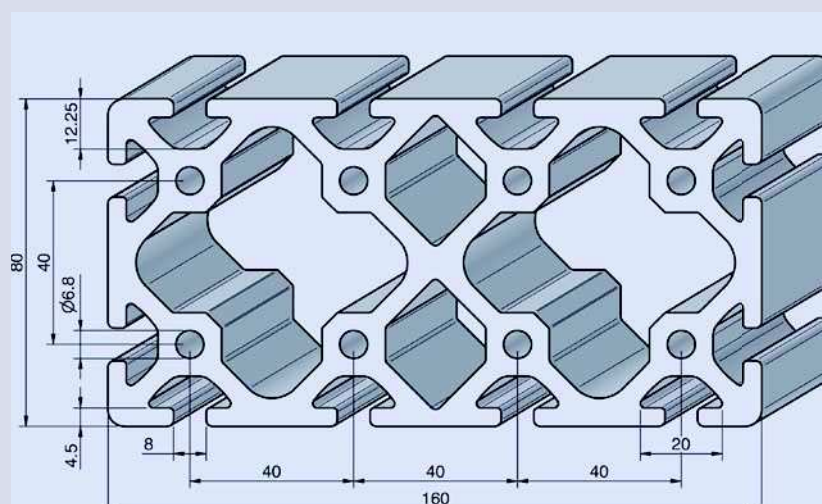
W_x=90,52cm³

W_y=154,00cm³

I_x=362,15cm⁴

I_y=1.228,33cm⁴

Profile for general constructions. The large, closed cavity is suited as compressed air piping.



PROFILE RANGE 8

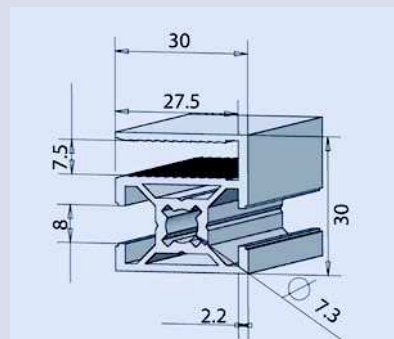
Profile 30x30 END

ORDER N°. PRO3030END

L=6000+70mm

m=0,847kg/m

Frame profiles to be used for economical frame construction. Mainly used for safety fence systems.



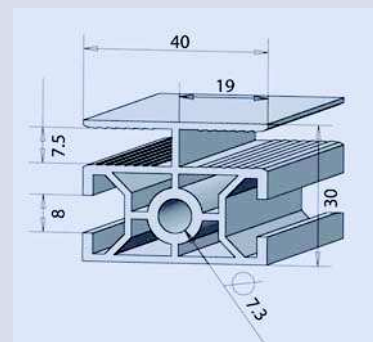
Profile 30x40 MIT

ORDER N°. PRO3040MIT

L=6000+70mm

m=1,093kg/m

Profile for use as centre strut as reinforcement for oversized safety fence fields.



PROFILE RANGE 8

ALVÁRIS
PROFILE SYSTEMS



Clamping profile 32x18

ORDER N°. KLE3218

L=6000+10/-5 mm

m=0,68kg/m

A=2,50cm²

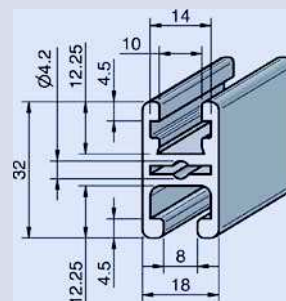
W_x=1,24cm³

W_y=1,18cm³

I_x=1,12cm⁴

I_y=1,88cm⁴

Light-weight frame profile for surface elements up to maximum 10 mm thickness, often used for covering caps and light sliding doors. Surfaces to a thickness under 10 mm require friction springs to be used.



Clamping profile 40x40

ORDER N°. KLE4040

L=6000+70mm

m=2,30kg/m

A=7,40cm²

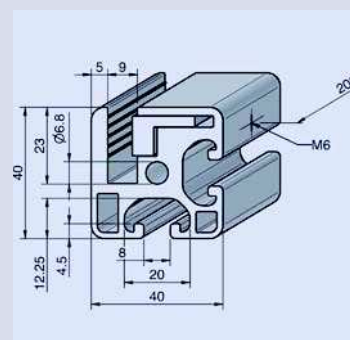
W_x=5,50cm³

W_y=5,50cm³

I_x=11,35cm⁴

I_y=11,35cm⁴

Clamping profile for clamping surface elements up to maximum 9 mm thickness. Clamped surfaces reinforce stability and are clamped using the clamping rod which is fixed using the supplied threaded pins. Most often used for covering caps, separating walls, sliding or swinging doors.



Clamping profile 40x40 180°

ORDER N°. KLE4040180

L=6000+70mm

m=2,75kg/m

A=8,39cm²

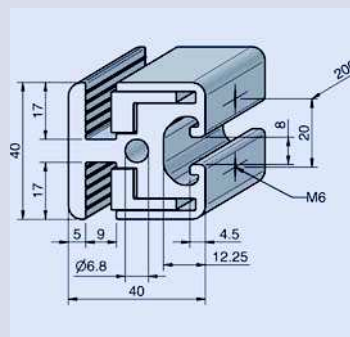
W_x=5,71cm³

W_y=6,22cm³

I_x=11,41cm⁴

I_y=13,08cm⁴

Clamping profile for clamping surface elements up to maximum 9 mm thickness. Clamped surfaces reinforce stability and are clamped using the clamping rod which is fixed using the supplied threaded pins. Most often used for covering caps, separating walls, sliding or swinging doors.



PROFILE RANGE 8

ALVÁRIS
PROFILE SYSTEMS

Angle section Al

ORDER N°. WINAL

L=6000+10/-5 mm

m=0,33kg/m

A=1,23cm²

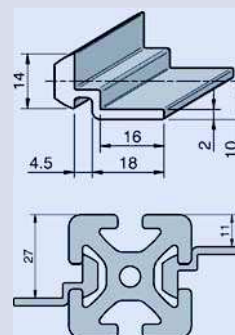
W_x=0,24cm³

W_y=0,43cm³

I_x=0,26cm⁴

I_y=0,78cm⁴

The angle section can be used for universal attachment of surfaces and as a rabbet for doors. It can be attached later to the grooves of the Profile Range 8 and can be fixed with threaded pins.



Cable channel 40x40

ORDER N°. KAB4040

L=6000+70mm

m=0,68kg/m

A=2,52cm²

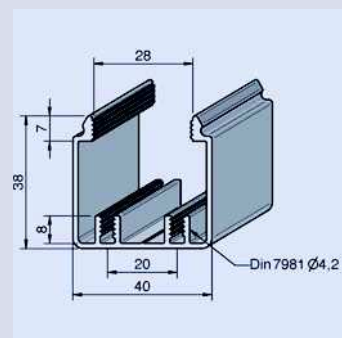
W_x=1,62cm³

W_y=2,92cm³

I_x=4,01cm⁴

I_y=5,92cm⁴

U shaped cable channel which in combination with the cover profile is exceptionally suitable in order to lay cables and hoses. In combination with system profiles, the form and the material make up a shapely unit. The screw ribs make possible the attachment of various elements in the channel.



Cable channel – Cover 40

ORDER N°. KABDEC40

L=6000+70mm

m=0,30kg/m

A=1,11cm²

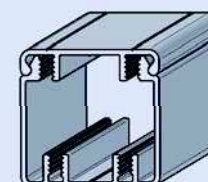
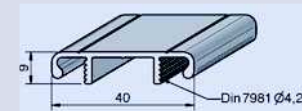
W_x=0,11cm³

W_y=0,92cm³

I_x=0,07cm⁴

I_y=1,84cm⁴

Cable channel – Cover for U-shaped cable channel 40x40.



PROFILE RANGE 8

ALVÁRIS
PROFILE SYSTEMS



Cable channel 80x40

ORDER N°. KAB8040

L=6000+10/-5 mm

m=0,33kg/m

A=1,23cm²

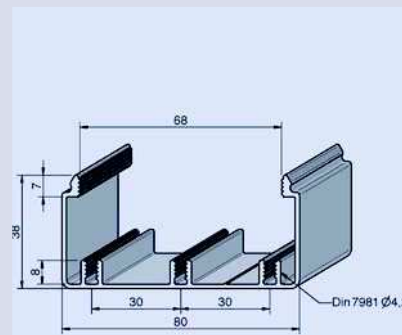
W_x=0,24cm³

W_y=0,43cm³

I_x=0,26cm⁴

I_y=0,78cm⁴

U shaped cable channel which in combination with the cover profile is exceptionally suitable in order to lay cables and hoses. In combination with system profiles, the form and the material make up a shapely unit. The screw ribs make possible the attachment of various elements in the channel.



Cable channel 80x80

ORDER N°. KAB8080

L=6000+70mm

m=0,68kg/m

A=2,52cm²

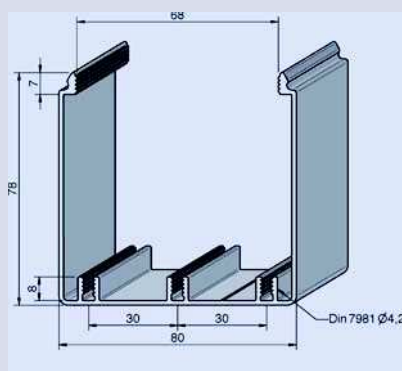
W_x=1,62cm³

W_y=2,92cm³

I_x=4,01cm⁴

I_y=5,92cm⁴

U shaped cable channel which in combination with the cover profile is exceptionally suitable in order to lay cables and hoses. In combination with system profiles, the form and the material make up a shapely unit. The screw ribs make possible the attachment of various elements in the channel.



Cable channel – Cover 80

ORDER N°. KABDEC80

L=6000+70mm

m=0,30kg/m

A=1,11cm²

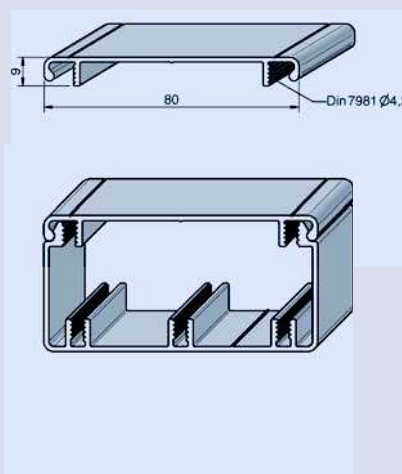
W_x=0,11cm³

W_y=0,92cm³

I_x=0,07cm⁴

I_y=1,84cm⁴

Cable channel – Cover for U-shaped cable channel 80x40 or 80x80



PROFILE RANGE 8

Profile rod steel ST

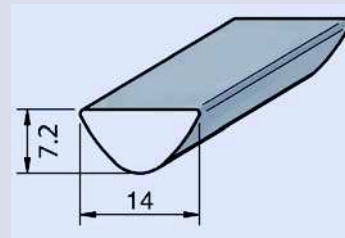
ORDER N°. PROST

L=1500+/-20mm

m=0,55kg/m

St / bright

Profile rod for special constructions This element means that special threads or special lengths are also possible. The profile rod can be slewed to any point on the profile groove.



Profile rod steel ST stainless

ORDER N°. PROSTROS

L=1500+/-20mm

m=0,53kg/m

St / stainless

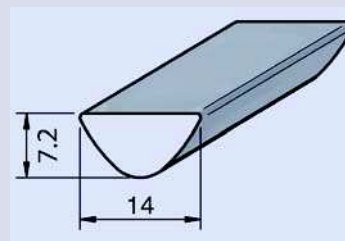
or

L=3000+/-20mm

m=0,53kg/m

St / stainless

Profile rod for special constructions This element means that special threads or special lengths are also possible. The profile rod can be slewed to any point on the profile groove.



Profile rod steel ST heavy

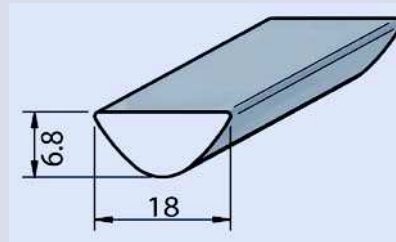
ORDER N°. PROSTSOS

L=1500+/-20mm

m=0,74kg/m

St / bright

Profile rod for special constructions This element means that special threads or special lengths are also possible. The profile rod can be slewed to any point on the profile groove.



PROFILE RANGE 8



Profile rod steel ST with ridge

ORDER N°. PROSTS

L=1500+/-20mm

m=0,53kg/m

St / bright

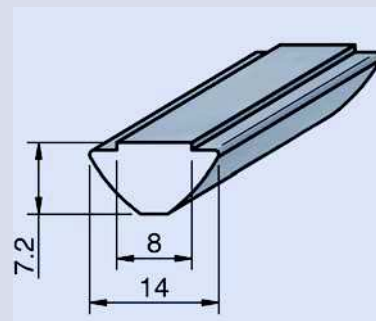
or

L=3000+/-20mm

m=0,53kg/m

St / bright

Profile rod for special constructions This element means that special threads or special lengths are also possible. The profile rod can be slewed to any point on the profile groove.



Profile rod steel ST ridge / heavy

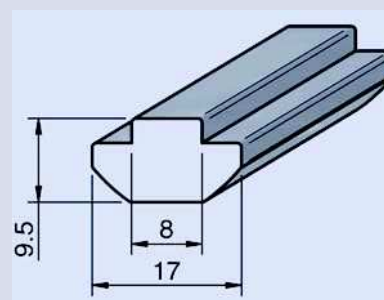
ORDER N°. PROSTSS

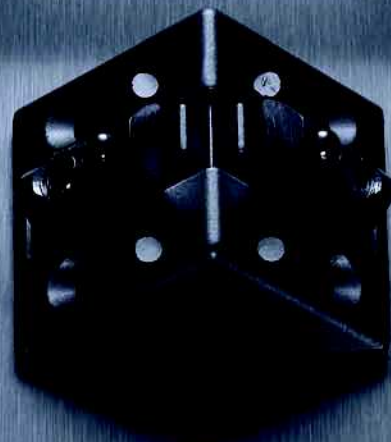
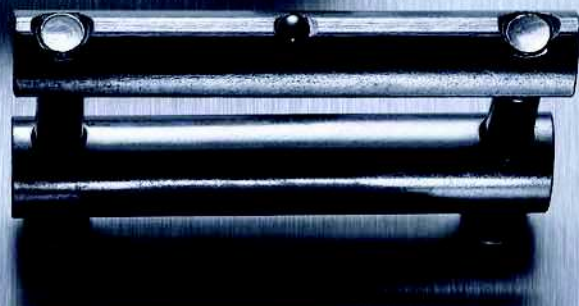
L=1500+/-20mm

m=1,07kg/m

St / bright

Profile rod for special constructions This element means that special threads or special lengths are also possible. The profile rod can be slewed to any point on the profile groove. Attention: The profile rod St with ridge, heavy, must be inserted into the groove before constructing the profile as afterwards it cannot be slewed.





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PROFILE SYSTEMS



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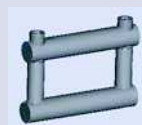
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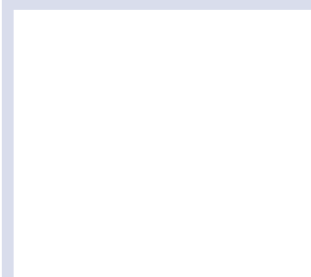
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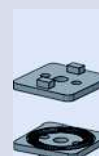
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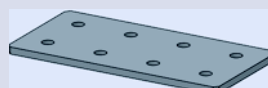
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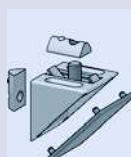
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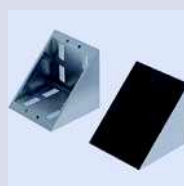
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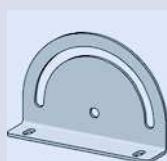
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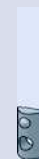
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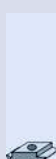
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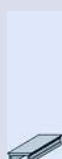
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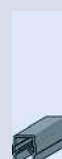
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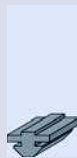
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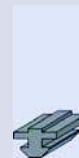
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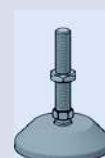
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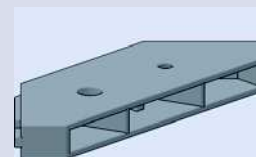
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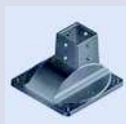
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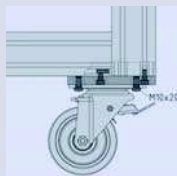
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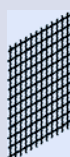
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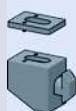
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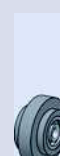
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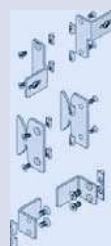
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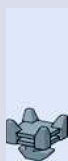
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Connector set 8 30 single

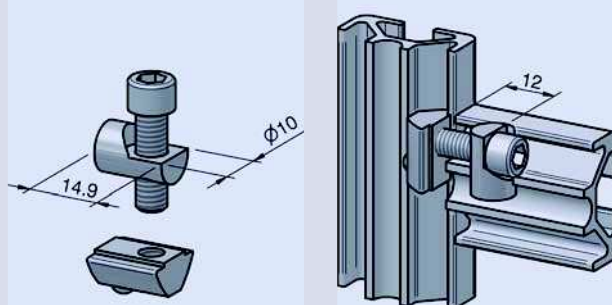
ORDER N°. VERSTZ8.30E

Steel/galvanised m=20g/pc.

Scope of delivery:

- 1 Basic element Steel galvanised
- 1 Cylinder head screw specialized M6 Steel galvanised
- 1 Sliding block M6 steel with ridge galvanised

Non-positive profile connector from Range 8 30. Easy to use and little outlay (step drill into one of the connecting profiles). The profiles can be variably set and can also be inserted retrospectively into existing constructions. Recommended tightening force = 10Nm.



Connector set 8 30 double

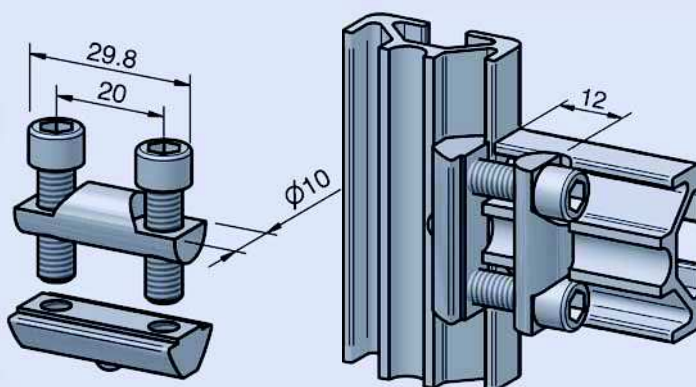
ORDER N°. VERSTZ8.30D

Steel/galvanised m=40g/pc.

Scope of delivery:

- 1 Basic element Steel galvanised
- 2 Cylinder head screw specialized M6 Steel galvanised
- 1 Sliding block M6 steel with ridge galvanised

Non-positive profile connector from Range 8 30. Assembly is simple, involving little outlay (boring into one of the connecting profiles). The profiles can be variably set and can also be inserted retrospectively into existing constructions. The double tightening force and the long sliding block provide optimal stability and also act as an anti-twisting device. Recommended tightening force = 10Nm.





Connector set 8 60 double

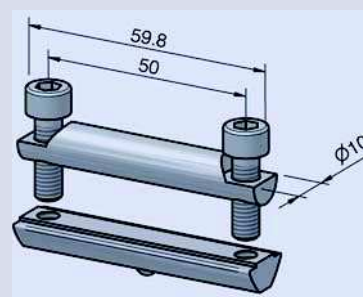
ORDER N°. VERSTZ8.60D

Steel/galvanised m=70g/pc.

Scope of delivery:

- 1 Basic element Steel galvanised
- 2 Cylinder head screw specialized M6 Steel galvanised
- 1 Sliding block M6 steel with ridge galvanised

Non-positive profile connector from Range 8 30. Assembly is simple, involving little outlay (boring into one of the connecting profiles). The profiles can be variably set and can also be inserted retrospectively into existing constructions. The double tightening force and the long sliding block provide optimal stability and also act as an anti-twisting device. Recommended tightening force = 10Nm.



Connector set 40 single

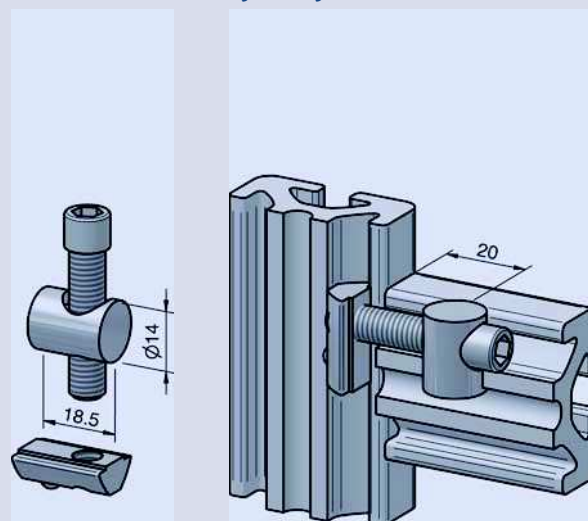
ORDER N°. VERSTZ40E

Steel/galvanised m=50g/pc.

Scope of delivery:

- 1 Basic element Steel galvanised
- 1 Cylinder head screw specialized M8 Steel galvanised
- 1 Sliding block M8 steel with ridge galvanised

Non-positive profile connector. Assembly is simple, involving little outlay (boring into one of the connecting profiles). The profiles can be variably set and can also be inserted retrospectively into existing constructions. Recommended tightening force = 25Nm.



Connector set 40 double

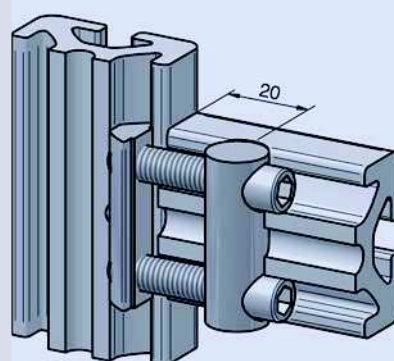
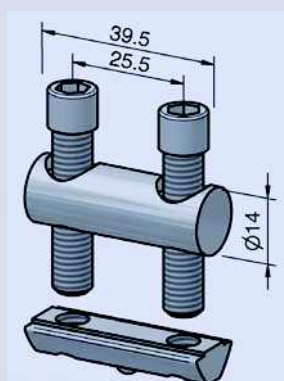
ORDER N°. VERSTZ40D

Steel/galvanised m=80g/pc.

Scope of delivery:

- 1 Basic element Steel galvanised
- 2 Cylinder head screw specialized M8 Steel galvanised
- 1 Sliding block M8 steel with ridge galvanised

Non-positive profile connector. Assembly is simple, involving little outlay (boring into one of the connecting profiles). The profiles can be variably set and can also be inserted retrospectively into existing constructions. The double tightening force and the long sliding block provide optimal stability and also act as an anti-twisting device. Recommended tightening force = 25Nm.



Connector set 40 double stainless

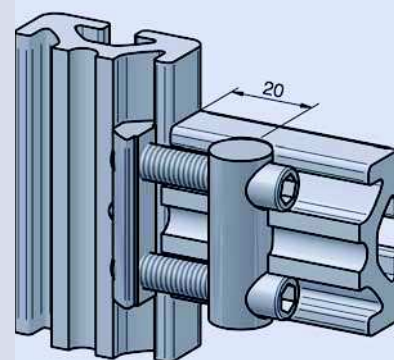
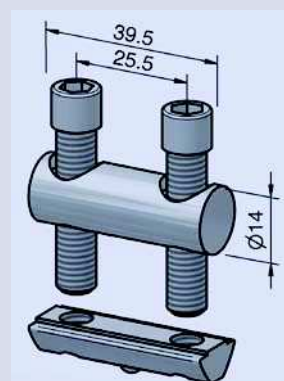
ORDER N°. VERSTZ40DROS

Stainless steel V2A/V4A m=80g/pc.

Scope of delivery:

- 1 Basic element Stainless steel V2A
- 2 Cylinder head bold specialized M8 Stainless steel V4A
- 1 Sliding block M8 Stainless steel V2A with ridge

Non-positive profile connector. Assembly is simple, involving little outlay (boring into one of the connecting profiles). The profiles can be variably set and can also be inserted retrospectively into existing constructions. The double tightening force and the long sliding block provide optimal stability and also act as an anti-twisting device. Recommended tightening force = 25Nm.





Connector set 80 double

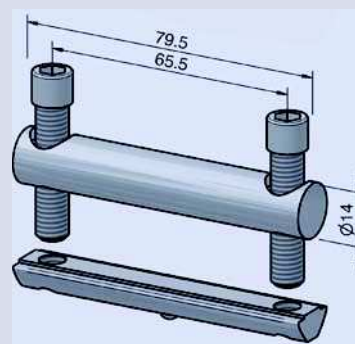
ORDER N°. VERSTZ80D

Steel/galvanised m=120g/pc.

Scope of delivery:

- 1 Basic element Steel galvanised
- 2 Cylinder head screw specialized M8 Steel galvanised
- 1 Sliding block M8 steel with ridge galvanised

Non-positive profile connector. Assembly is simple, involving little outlay (boring into one of the connecting profiles). The profiles can be variably set and can also be inserted retrospectively into existing constructions. The double tightening force and the long sliding block provide optimal stability and also act as an anti-twisting device. Recommended tightening force = 25Nm.



Connector set 80 double stainless

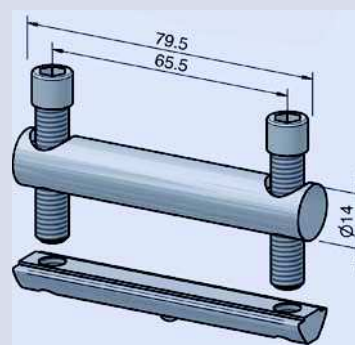
ORDER N°. VERSTZ80DROS

Stainless steel V2A/V4A m=120g/pc.

Scope of delivery:

- 1 Basic element Stainless steel V2A
- 2 Cylinder head bold specialized M8 Stainless steel V4A
- 1 Sliding block M8 Stainless steel V2A with rigde

Non-positive profile connector. Assembly is simple, involving little outlay (boring into one of the connecting profiles). The profiles can be variably set and can also be inserted retrospectively into existing constructions. The double tightening force and the long sliding block provide optimal stability and also act as an anti-twisting device. Recommended tightening force = 25Nm.



Central plate set 8 30

ORDER N°. ZENSTZ8.30

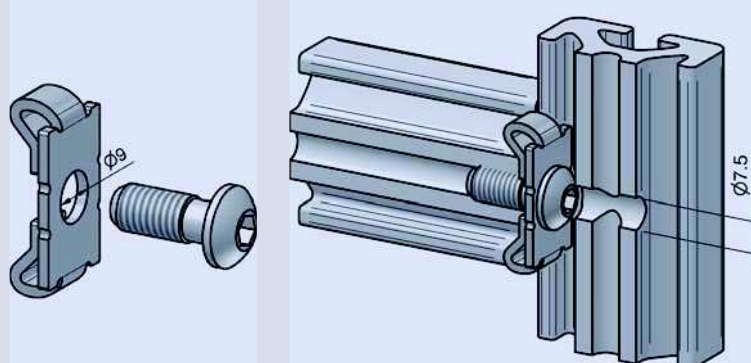
Steel/galvanised m=21g/pc.

Scope of delivery:

1 Basic element Steel galvanised

1 Half-round screw M8x16 Steel galvanised

Non-positive profile connector. Easy to use and little outlay (screws / through-drill) for both of these connecting profiles. The type of connection cannot be built into an existing frame construction at a later date and there is only minimal room for play. The recommended tightening force is 25 Nm. Attention: The central plate set 8.30 can only be used for the profile series 30 with 8 mm grooves.



Central plate set

ORDER N°. ZENSTZ

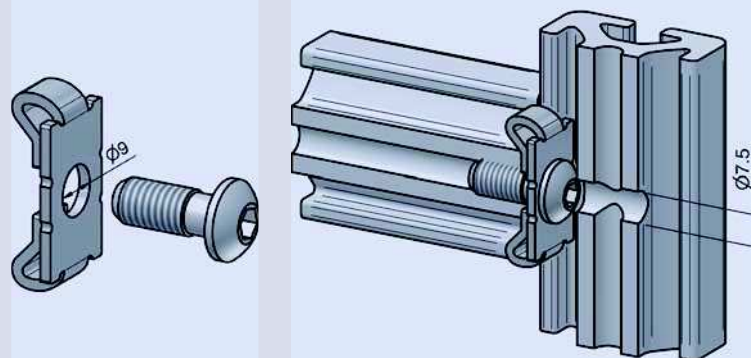
Steel/galvanised m=21g/pc.

Scope of delivery:

1 Basic element Steel galvanised

1 Half-round screw with shaft M8x20 Steel galvanised

Non-positive profile connector. Easy to use and little outlay (screws / through-drill) for both of these connecting profiles. The type of connection cannot be built into an existing frame construction at a later date and there is only minimal room for play. The recommended tightening force is 25 Nm. From 8 Nm ESD capability.





Screw in connector set 8 30

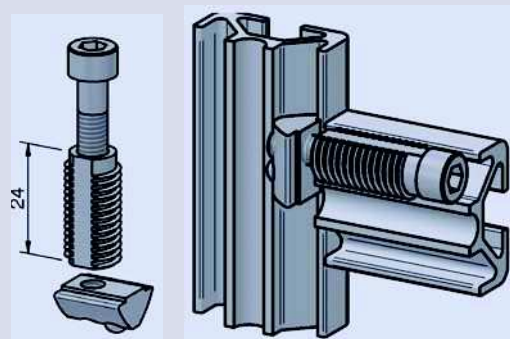
ORDER N°. EINSTZ8.30

Steel/galvanised m=22g/pc.

Scope of delivery:

- 1 basic element piece zinc-plated
- 1 pan head screw special M6 piece zinc-plated
- 1 slot nut M6 piece with fixed link zinc-plated

Frictional, self-locking section connector. Simple application and the smallest amount of time and effort for processing (no chip removing process necessary). The sections are infinitely variable in their location and can also be installed retrospectively into existing constructions. This connection technology is used very often in site assembled construction. The recommended fastening torque is 10 Nm.



Screw in connector set 24 mm

ORDER N°. EINSTZ24

Steel/galvanised m=30g/pc.

Scope of delivery:

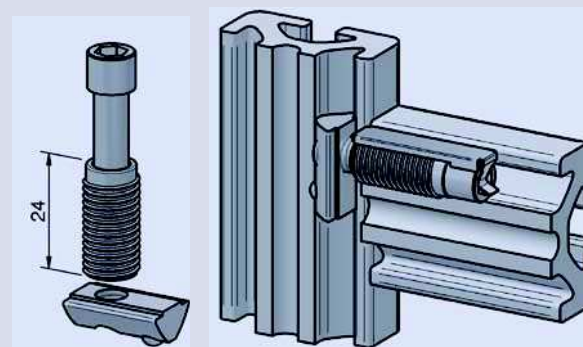
- 1 basic element piece zinc-plated
- 1 pan head screw special M8 piece zinc-plated
- 1 slot nut M8 piece with fixed link zinc-plated

Frictional, self-locking section connector. Simple application and the smallest amount of time and effort for processing (no chip removing process necessary). The sections are infinitely variable in their location and can also be installed retrospectively into existing constructions. This connection technology is used very often in site assembled construction. The recommended fastening torque is 25 Nm.

Cover cap for screw in connector 24 mm

ORDER N°. ABDEIN24

Steel/galvanised m=1g/pc.



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Screw in connector set 40 double

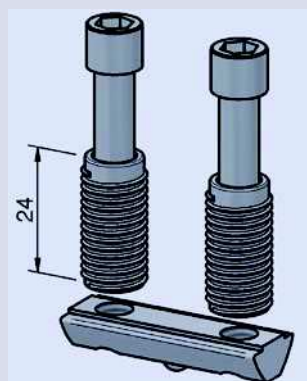
ORDER N°. EINSTZ40D

Steel/galvanised m=59g/pc.

Scope of delivery:

- 1 Basic element Steel galvanised
- 2 Cylinder head screw specialized M8 Steel galvanised
- 1 Sliding block M8 steel with rigde galvanised

Frictional, self-locking section connector. Simple application and the smallest amount of time and effort for processing (no chip removing process necessary). The sections are infinitely variable in their location and can also be installed retrospectively into existing constructions. This connection technology is used very often in site assembled construction. The recommended fastening torques is 25 Nm.



Automatic connector set

ORDER N°. AUTVERSTZ

Steel/galvanised m=33g/pc.

Scope of delivery:

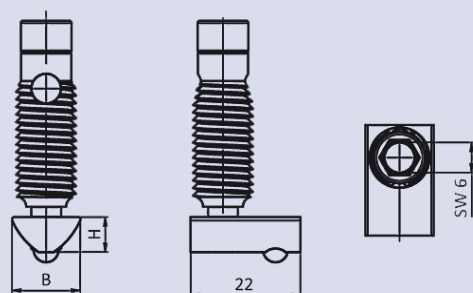
- 1 Forming screw
- 1 Screw M6x40 DIN 912
- 1 Sliding block M8 steel with rigde galvanised

For the fast and firm connection of two aluminium profiles. No profile machining. Self-cutting thread. The recommended fastening torque is 10 Nm. The covering cap is not included in the scope of delivery and has to be ordered separately. (Illustration with covering cap)

Covering cap for Automatic connector set

ORDER N°. ABDAUTVERSTZ

PA/black m=1g/pc.





Direct connector set simple

ORDER N°. DIRSTZE

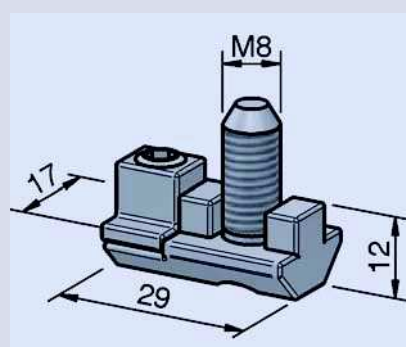
Steel/galvanised m=30g/pc.

Scope of delivery:

1 Basic element Steel galvanised

1 Cylinder head screw specialized M8 Steel galvanised

Force-fit profile connector. Simple application and low processing effort (only 1 frontal thread in one of the profiles to be connected). This kind of connection cannot subsequently be built into the existing frame constructions. They can however be set in their position in a stageless manner. The one sided variation is predominantly used with frame constructions. With this type of connection, you don't have to notch the used surface element.



Direct connector set double

ORDER N°. DIRSTZD

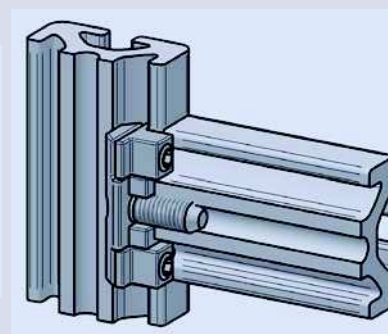
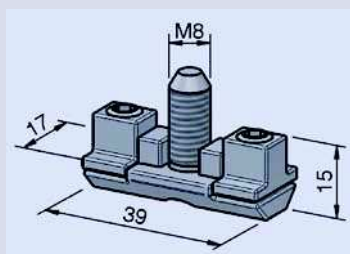
Steel/galvanised m=43g/pc.

Scope of delivery:

1 Basic element Steel galvanised

1 Cylinder head screw specialized M8 Steel galvanised

Force-fit profile connector. Simple application and low processing effort (only 1 frontal thread in one of the profiles to be connected). This kind of connection cannot subsequently be built into the existing frame constructions. They can however be set in their position in a stageless manner. The one sided variation is predominantly used with frame constructions. With this type of connection, you don't have to notch the used surface element.



Mega connector ZAK

ORDER N°. MEGVERZAK

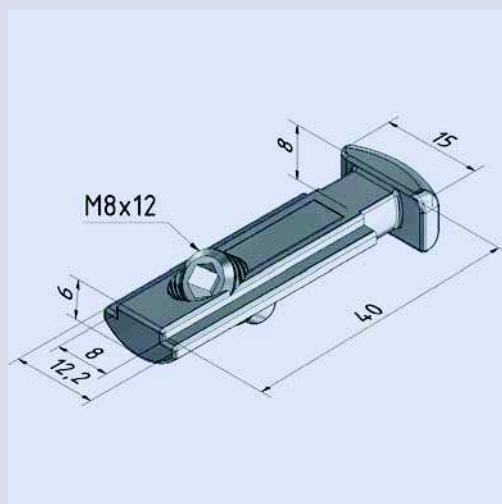
Steel/galvanised m = 19,9g/pc.

Scope of delivery:

1 Basic element

1 Headless screw M8x12 St galvanised

The ZAK mega connector is designed for strong connections between aluminium strut profiles. For the optimal application of the connector it is necessary to use a notching device or notching tool.



Central connector

ORDER N°. VERZV8

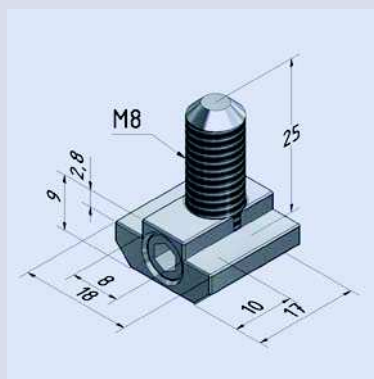
Steel/galvanised m = 17g/pc.

Scope of delivery:

1 Basic element

1 Headless screw M8 steel galvanised

The central connector is designed for strong connections between aluminium strut profiles. The profiles can be turned in any direction, thus enabling the assembly of non-standard configurations. The grooves of two opposite profiles remain clear and can be used for inserting field elements. It is also possible to assemble enclosed containers.



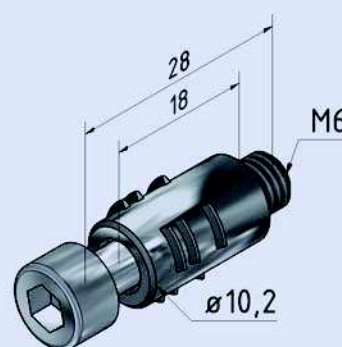


Bayonet connector 8 3Z m. screw M6x28

ORDER N°. VERBAV8

Steel/galvanised m = 15g/pc.

The bayonet connector is designed for the connection of aluminium strut profiles. The shape of the groove and the thickness of the material must be suitable for the connector.



Cross connector set

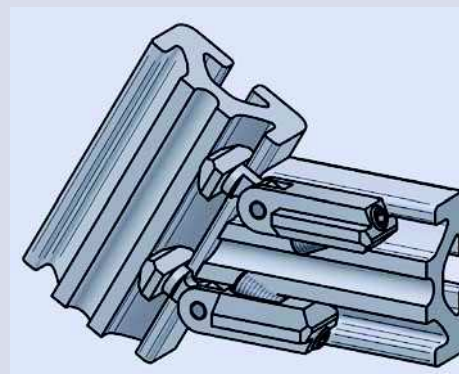
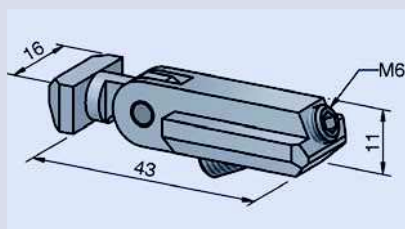
ORDER N°. SCHSTZ

ZD tin/nickel-plated m=32g/pc.

Scope of delivery:

- 1 Basic element
- 1 Headless screw

This connector is used for cross cut profiles up to an angle of 45 degrees. The necessary profile processing can be done using a drilling gauge and a hand drill. Supports or bracing cannot be subsequently set in a frame construction.



Universal connector set

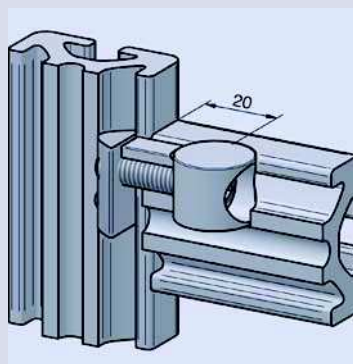
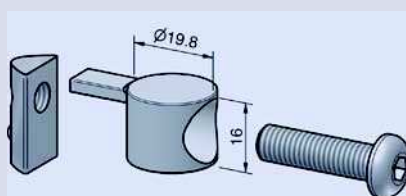
ORDER N°. UNISTZ

ZDc/galvanised m=41g/pc.

Scope of delivery:

- 1 Basic element ZDc galvanised
- 1 Half-round screw M8x30 Steel galvanised
- 1 Sliding block M8 Steel galvanised

Non-positive profile connector. Easy to use and little outlay (variable drilling in one of the connecting profiles). The profiles can be variably set in their positions and can be retrospectively built into existing constructions. To guarantee an optimal fastening hold, these connectors should always be built in pairs. Twisting protection can be interrupted. The recommended tightening force is 25 Nm.



Universal butt connector set

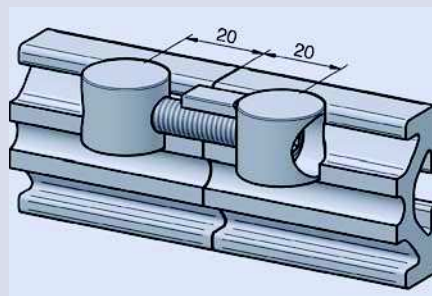
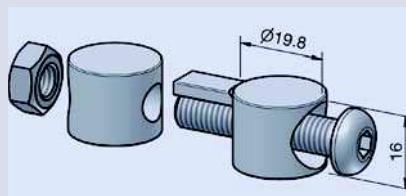
ORDER N°. UNISTOSTZ

ZDc/galvanised m=63g/pc.

Scope of delivery:

- 2 Basic element ZDc galvanised
- 1 Half-round screw M8x45 Steel galvanised
- 1 Hexagon nut M8 Steel galvanised

Non-positive profile/joint connector. Simple to use and little outlay (only one drill per profile). These connectors are used if the profile production length is not enough and a joint proves unavoidable. To guarantee an optimal fastening hold, these connectors should be built in pairs. The recommended tightening force is 25 Nm.



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Screw-in butt connector set

ORDER N°. EINSTOSTZ

Steel/galvanised m =35g/pc.

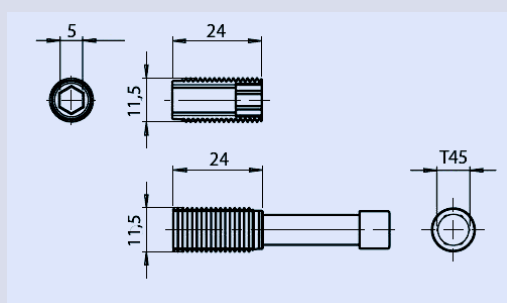
Scope of delivery:

1 Cutting sleeve galvanised threaded steel

1 Cutting sleeve galvanised steel

1 Cylinder head screw

Screw-in butt connector, 180°, groove 8. Positive-locking connector (no machining required). Always use at least two connectors; the 2nd connector must always be inserted in the groove of the opposite profile. Simply turn the self-forming connector and threaded bushing into the groove. Align the profiles and tighten the screws.



Automatic butt connector set

ORDER N°. AUTSTOSTZ

Steel/galvanised m =35g/pc.

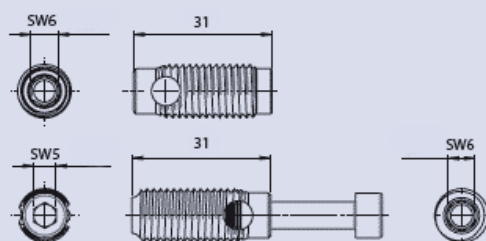
Scope of delivery:

1 Cutting sleeve galvanised threaded steel

1 Cutting sleeve galvanised steel

1 Cylinder head screw

For the fast and firm face-on connection of two aluminium profiles. No profile machining. Self-cutting thread. The recommended fastening torque is 10 Nm. The covering cap is not included in the scope of delivery and has to be ordered separately. (Illustration with covering cap).



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Butt connector set 40 double

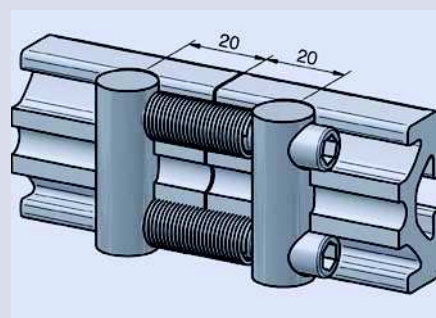
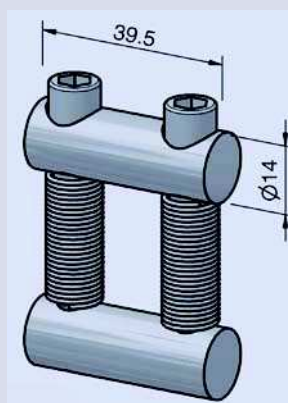
ORDER N°. STOSTZ40D

Steel/galvanised m=100g/pc.

Scope of delivery:

- 2 Basic element Steel galvanised
- 2 Cylinder head screw specialized M8 Steel galvanised
- 2 Lock ferrule stainless steel

Non-positive profile/joint connector. Simple to use and little outlay (only one drill per profile). Centralization and lock against rotation is accomplished by using the lock ferrule. These connectors are used if the profile production length is not enough and a joint proves unavoidable. The recommended tightening force is 25 Nm.



Butt connector set 80 double

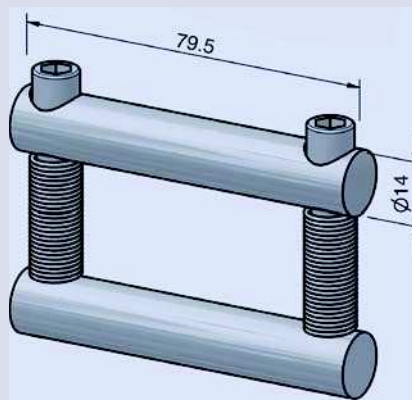
ORDER N°. STOSTZ80D

Steel/galvanised m=180g/pc.

Scope of delivery:

- 2 Basic element Steel galvanised
- 2 Cylinder head screw specialized M8 Steel galvanised
- 2 Lock ferrule stainless steel

Non-positive profile/joint connector. Simple to use and little outlay (only one drill per profile). Centralization and lock against rotation is accomplished by using the lock ferrule. These connectors are used if the profile production length is not enough and a joint proves unavoidable. The recommended tightening force is 25 Nm.





Butt connector 8 M8x12

ORDER N°. VERSTV8

Steel/galvanised m=20g/pc.

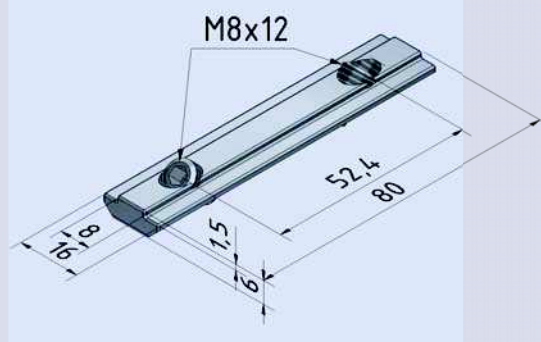
Scope of delivery:

1 Threaded sleeve

1 Connector bolt

1 Threaded sleeve with internal thread M8

Combi screw-in connector for 180° butt connections, groove 8. Positive-locking connector (no machining required). Always use at least two connectors; the 2nd connector must always be inserted in the groove of the opposite profile. Simply turn the self-forming connector and threaded bushing into the groove. Align the profiles and tighten the screws.



ACCESSORIES 8

Connector set 8 30 x 30 x 30

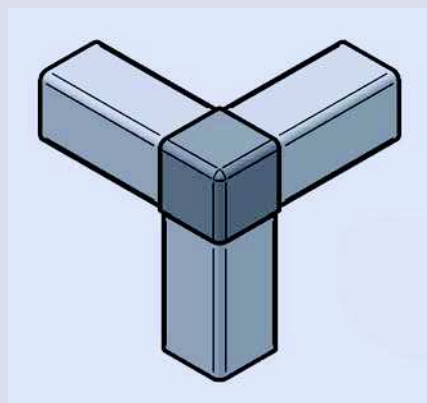
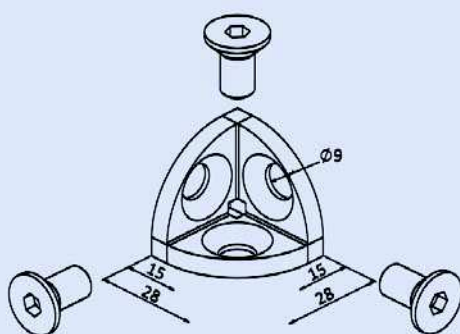
ORDER N°. VERSTZ8.303030

ZDc m=120g/pc.

Scope of delivery:

- 1 Corner angle 40x40x40 ZDc
- 3 Self grooving special counter sunk bolts
- 1 Black cover cap for corner angle 8 30x30x30 PA

Element for the knot connection of up to three identical profiles. With the special covering cap, all profile ends are covered and thus a shapely connection which is also secured against distortion is created. This connector is often used for display cases, tables, cover hoods etc. For the assembly of surface elements the groove channels can be broken off.



Connector set 8 R30 90°

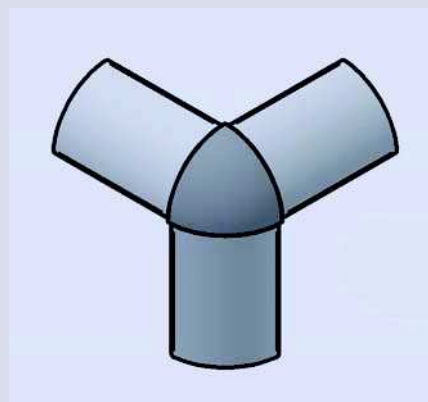
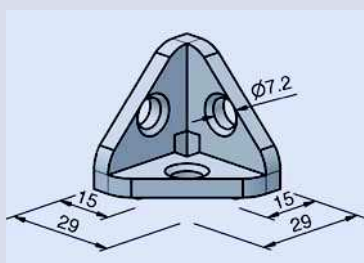
ORDER N°. VERSTZ8.R3090

ZDc m=120g/pc.

Scope of delivery:

- 1 Corner angle 40x40x40 ZDc
- 3 Self grooving special counter sunk bolts
- 1 Black cover cap for corner angle 8 R30 90°

Element for the knot connection of up to three identical profiles. With the special covering cap, all profile ends are covered and thus a shapely connection which is also secured against distortion is created. This connector is often used for display cases, tables, cover hoods etc. For the assembly of surface elements the groove channels can be broken off.



ACCESSORIES 8

ALVÁRIS
PROFILE SYSTEMS



Cube connector 30 3D

ORDER N°. WUERFELVERB303D

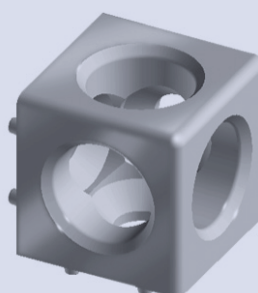
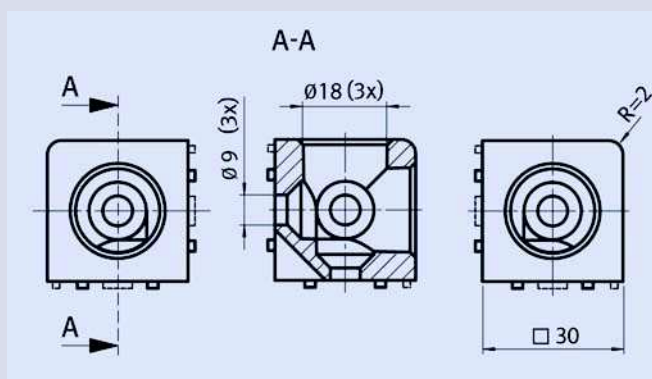
ZDc/galvanised m=38,5/pc.

Scope of delivery:

1 Cube connector

3 Covering cap aluminum colored finished

Cube connector for profile series 8.30. Connecting element for right-angled connection of up to three identical aluminium profiles. The round covering caps are used for covering the apertures.



Universal connector set 32x18

ORDER N°. VERSTZ3218

Steel/galvanised m=10g/pc.

Scope of delivery:

1 Anti-twist device PA black

1 Square washer M5 galvanised steel

1 Half-round screw M5x20 galvanised steel

Corner connector for profile 32x18; twist-proof.



ACCESSORIES 8

Connector set 40x40x40

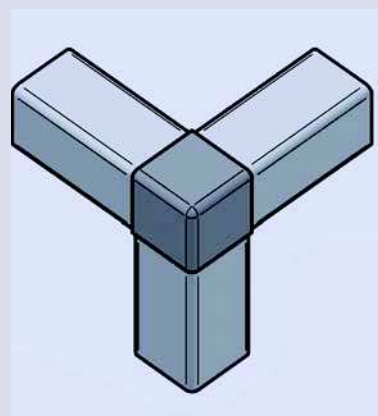
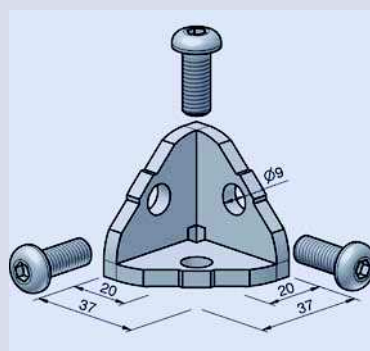
ORDER N°. VERSTZ404040

ZDc m=133g/pc.

Scope of delivery:

- 1 Angle corner square 40x40x40 ZDc
- 3 Half-round screw M8x20 Steel galvanised
- 3 Locking washer M8 Steel galvanised
- 1 Covering cap for angle corner square 40x40x40 PA black

Element for connecting nodes of up to three same profiles. The special covering cap is used to cover all profile ends therefore improving the appearance and twist-safety of the connections. These connections are often used for display cases, tables and covering caps. It is possible to remove the guide channels to mount surface elements.



Connector set 40x40 45°

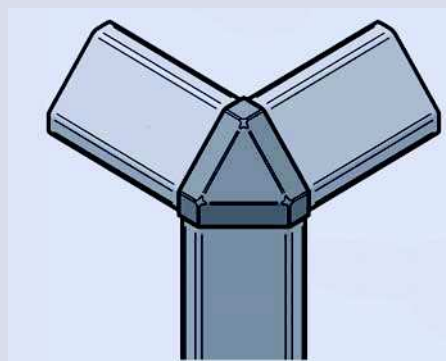
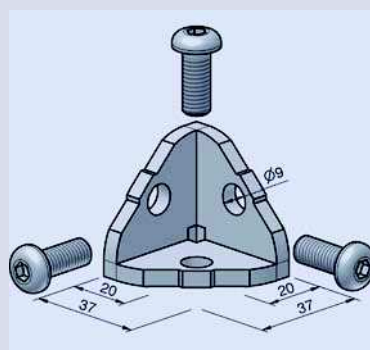
ORDER N°. VERSTZ404045

ZDc m=128g/pc.

Scope of delivery:

- 1 Angle corner square 40x40x40 ZDc
- 3 Half-round screw M8x20 Steel galvanised
- 3 Locking washer M8 Steel galvanised
- 1 Covering cap for angle corner square 40x40 45° PA black

Element for connecting nodes of up to three same profiles. The special covering cap is used to cover all profile ends therefore improving the appearance and twist-safety of the connections. These connections are often used for display cases, tables and covering caps. It is possible to remove the guide channels to mount surface elements.



ACCESSORIES 8



Connector set R40-90°

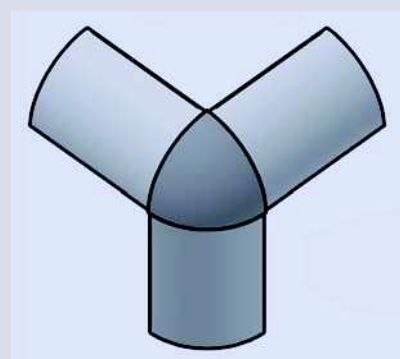
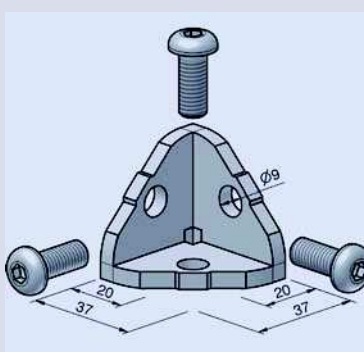
ORDER N°. VERSTZR4090

ZDc m=110g/pc.

Scope of delivery:

- 1 Angle corner square 40x40x40 ZDc
- 3 Half-round screw M8x20 Steel galvanised
- 3 Locking washer M8 Steel galvanised
- 1 Covering cap for angle corner square R40 90° PA black

Element for connecting nodes of up to three same profiles. The special covering cap is used to cover all profile ends therefore improving the appearance and twist-safety of the connections. These connections are often used for display cases, tables and covering caps. It is possible to remove the guide channels to mount surface elements.



Connector set 8 30x30 with roller bearing

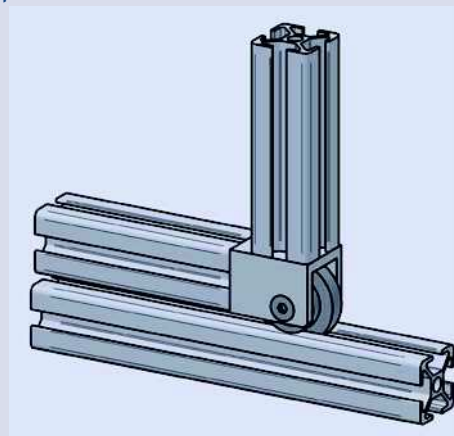
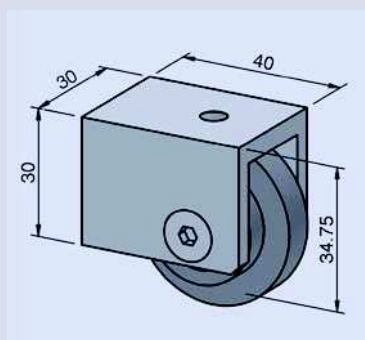
ORDER N°. VERSTZ8.3030ROL

Al/anodised nature m=84g/pc.

Scope of delivery:

- 1 Basic element with roller, anodised nature aluminium
- 2 Countersunk screws M8x20 galvanised

This element is suitable for the connection of a frame. The integrated roller PA makes it possible to use this frame as a sliding or sash window. Thanks to the asymmetric allocation of the rollers, the sliding windows can be slid past each other at a low distance. It is to be observed that the entire profile groove is freely accessible (Use no universal connectors or the likes). This ensures that a window can be completely opened.



Connector set 40x40 with roller bearing

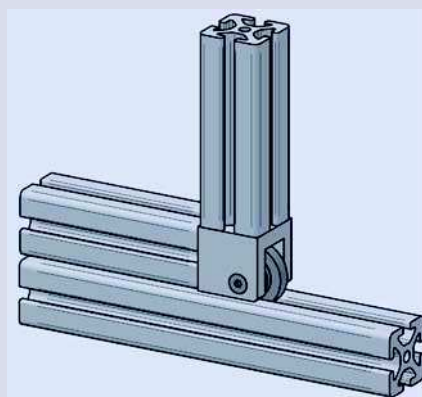
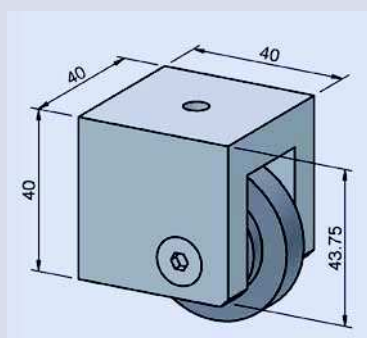
ORDER N°. VERSTZ4040ROL

Al/anodised nature m=147g/pc.

Scope of delivery:

- 1 Basic element with roller, anodised nature aluminium
- 2 Countersunk screws M8x20 galvanised

This element is suitable for the connection of a frame. The integrated roller PA makes it possible to use this frame as a sliding or sash window. Thanks to the asymmetric allocation of the rollers, the sliding windows can be slid past each other at a low distance. It is to be observed that the entire profile groove is freely accessible (Use no universal connectors or the likes) . This ensures that a window can be completely opened.



Position connector set

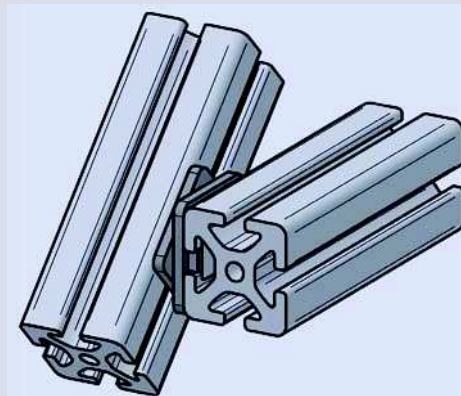
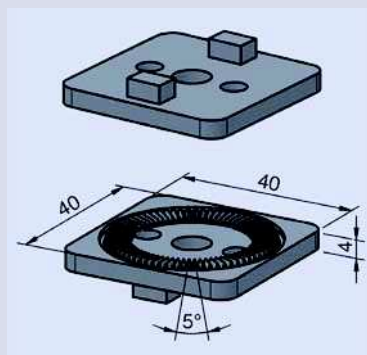
ORDER N°. POSSTZ

ZDc/black m=85g/pc.

Scope of delivery:

- 2 Basic element ZDc black
- 1 Half-round screw M8x25 Steel galvanised
- 1 Washer M8 galvanised
- 1 Sliding block M8 Steel galvanised

Non-slip connecting set for two intersecting or parallel-running profiles. On construction, a gap of 8 mm in size is formed between the profiles. The non-slip connector can withhold forces up to 10 Nm.





Parallel connector 8

ORDER N°. VERPV8

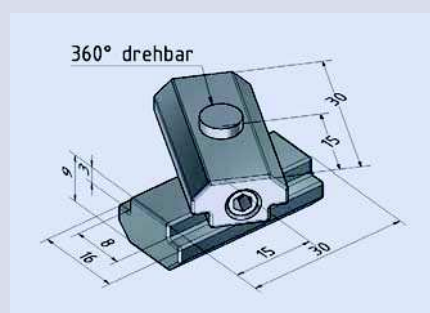
ZDc /galvanised m=52g/pc.

Scope of delivery:

2 Basic element ZDc galvanised

2 Countersunk screw M8x20 Steel galvanised

The parallel connector is designed for light-duty connections of profiles with groove 8. No profile machining required. Simple installation. The profiles can subsequently be twisted and moved into any position.



Central connector with horizontal hammer

ORDER N°. ZENVERW

Steel/galvanised m=49g/pc.

Scope of delivery:

1 central connector slot 8, 15 mm bushing, 11 mm bolt, hammer horizontal

Positive-locking, self-locking profile connector for right-angled connection of two aluminium profiles. The hammer is positioned horizontally or vertically in relation to the bushing. The vertical central connector is particularly recommended when field elements are to be fitted into facing grooves. The field elements do not require any cutting. Fig. of vertical central connector.

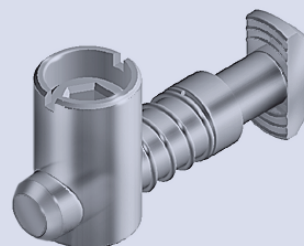
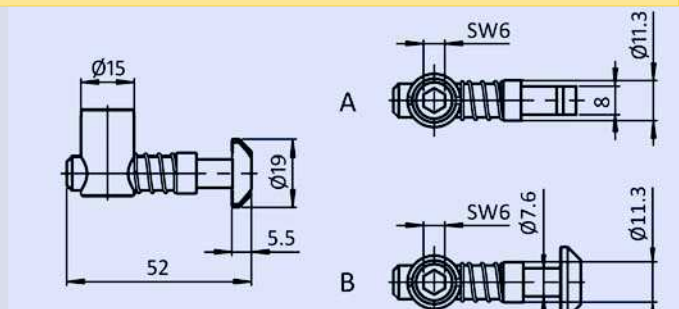
Central connector with vertical hammer

ORDER N°. ZENVERS

Steel/galvanised m=49g/pc.

Scope of delivery:

1 central connector slot 8, 15 mm bushing, 11 mm bolt, hammer vertical



Half-round screw M5x8

ORDER N°. HALM58

Steel 10.9/galvanised m=2g/pc.

Half-round screw M5x12

ORDER N°. HALM512

Steel 10.9/galvanised m=2g/pc.

Half-round screw M5x12 stainless steel

ORDER N°. HALM512ROS

Steel stainless m=2g/pc.

Half-round screw M5x12 black

ORDER N°. HALM512S

Steel 10.9/galvanised m=2g/pc.

Half-round screw M5x16

ORDER N°. HALM516

Steel 10.9/galvanised m=3g/pc.

Half-round screw M5x20

ORDER N°. HALM520

Steel 10.9/galvanised m=4g/pc.

Half-round screw M8x12

ORDER N°. HALM812

Steel 10.9/galvanised m=5g/pc.

Half-round screw M8x14

ORDER N°. HALM814

Steel 10.9/galvanised m=6g/pc.

Half-round screw M8x16

ORDER N°. HALM816

Steel 10.9/galvanised m=7g/pc.

Half-round screw M8x18

ORDER N°. HALM818

Steel 10.9/galvanised m=8g/pc.

Recommended screw form for most connection types.
Other dimensions are available on request.





Half-round screw M8x20

ORDER N°. HALM820

Steel 10.9/galvanised m=9g/pc.

Half-round screw M8x20 stainless steel

ORDER N°. HALM820ROS

Steel stainless m=9g/pc.

Half-round screw M8x25

ORDER N°. HALM825

Steel 10.9/galvanised m=10g/pc.

Half-round screw M8x30

ORDER N°. HALM830

Steel 10.9/galvanised m=12g/pc.

Half-round screw M8x30 stainless steel

ORDER N°. HALM830ROS

Steel stainless m=12g/pc.

Half-round screw M8x45

ORDER N°. HALM845

Steel 10.9/galvanised m=18g/pc.

Recommended screw form for most connection types.
Other dimensions are available on request.



Countersunk screw M7 1 self-grooving

ORDER N°. SENM71SF

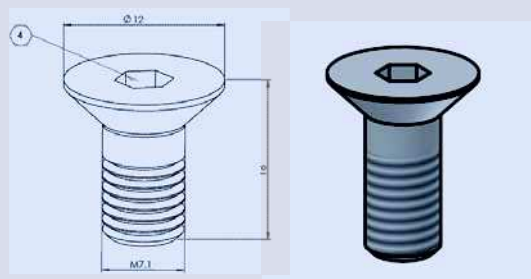
Steel/galvanised m=3g/pc.

Self-grooving screw for quick assembly of zinc die-cast covering caps.

Countersunk screw M7 1 self-grooving black

ORDER N°. SENM71SFS

Steel/black m=3g/pc.



Cylinder head screw

Steel 10.9 / galvanised or stainless steel

Recommended screw form for most connection types.
Other dimensions are available on request.



ACCESSORIES 8

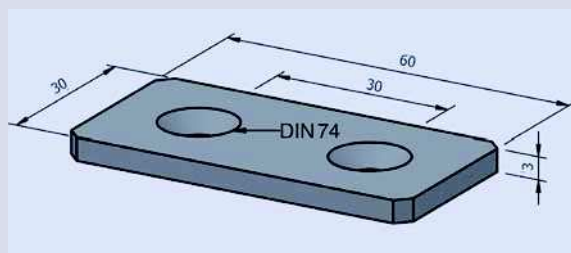


Bracket 8 60x30x3 steel

ORDER N°. LAS8.60303ST

Steel/black m=36g/pc.

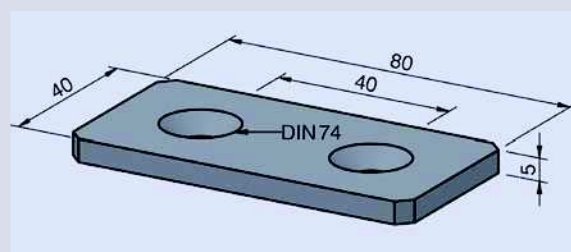
Element for non-positive reinforcement of profile connections and for attaching components to the profile constructions.



Bracket 80x40x5 steel

ORDER N°. LAS80405ST

Steel/black m=90g/pc.

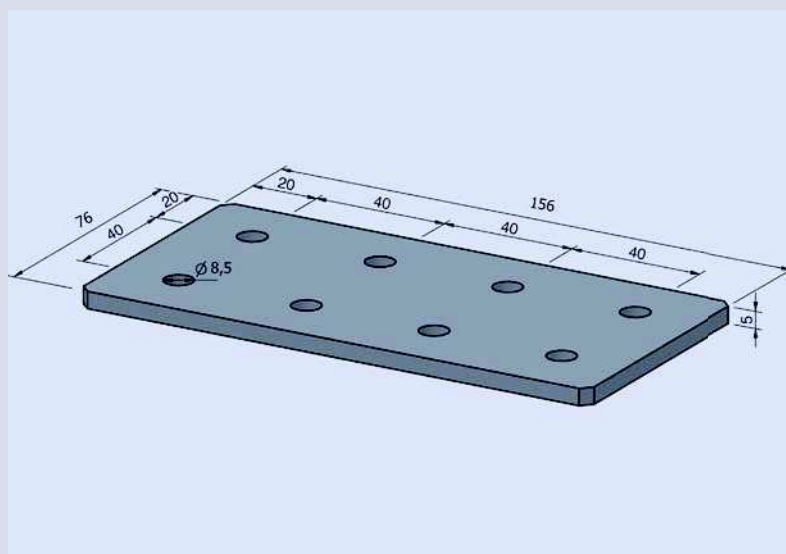


Bracket 160x80x5 steel

ORDER N°. LAS160805ST

Steel/black m=470g/pc.

Element for non-positive reinforcement of profile connections and for attaching components to the profile constructions.



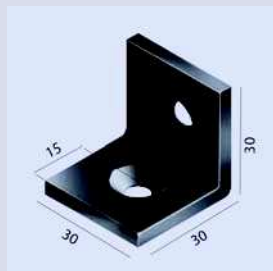
ACCESSORIES 8

Angle 30x30x3 steel

ORDER N°. WIN30303ST

Steel/black m=37g/pc.

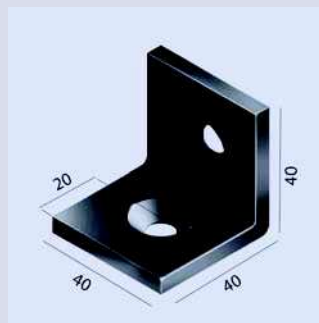
Element for non-positive reinforcement of profile connections and for attaching components to the profile constructions.



Angle 40x40x5 steel

ORDER N°. WIN40405ST

Steel/black m=104g/pc.



Attachment set for angle and mounting link

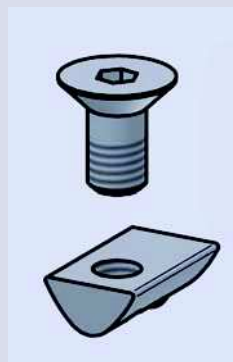
ORDER N°. BEFSTZWINLAS

Steel/galvanised m=18g/pc.

Scope of delivery:

- 1 Countersunk screw M8x16 Steel galvanised
- 1 Sliding block M8 Steel galvanised

Attachment set for angle and mounting link 40x40x5 St and bracket 80x40x5 St



Attachment set for angle and mounting link

ORDER N°. BEFSTZWINLAS+

Steel/galvanised m=18g/pc.

Scope of delivery:

- 1 Countersunk screw M8x16 steel black
- 1 Sliding block M8 Steel galvanised

ACCESSORIES 8



Angle set 8 30x30 Zn

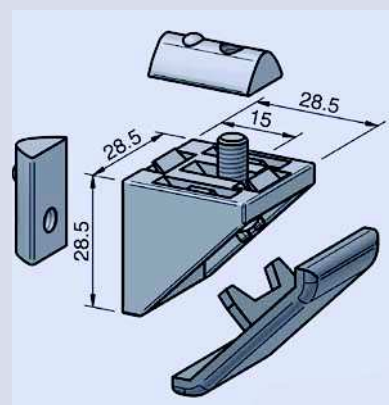
ORDER N°. WINSTZ8.3030ZN

ZDc m=80g/pc.

Scope of delivery:

- 1 Angle 8 30x30 Zn
- 2 Half-round screw M6x14 Steel galvanised
- 2 Locking washer M6 Steel galvanised
- 2 Sliding block M6 Steel galvanised
- 1 Covering cap for angle 8 30x30 PA black

Angle for non-positive reinforcement of profile connections and for attaching components to profile constructions. When assembling surfaces the groove ledgers can be broken off.



Angle set 40x40 Zn

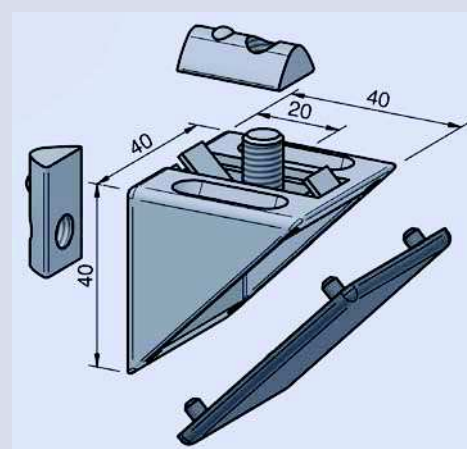
ORDER N°. WINSTZ4040ZN

ZDc m=130g/pc.

Scope of delivery:

- 1 Angle 40x40 Zn
- 2 Half-round screw M8x16 Steel galvanised
- 2 Locking washer M8 Steel galvanised
- 2 Sliding block M8 Steel galvanised
- 1 Covering cap for angle 40x40 PA black

Angle for non-positive reinforcement of profile connections and for attaching components to profile constructions. When assembling surfaces the groove ledgers can be broken off.



ACCESSORIES 8

Angle set 80x80 Zn

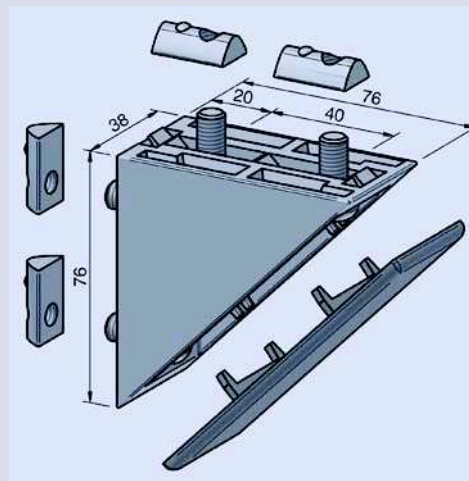
ORDER N°. WINSTZ8080ZN

ZDc m=270g/pc.

Scope of delivery:

- 1 Angle 80x80 Zn
- 4 Half-round screw M8x18 Steel galvanised
- 4 Locking washer M8 Steel galvanised
- 4 Sliding block M8 Steel galvanised
- 1 Covering cap for angle 80x80 PA black

Angle for non-positive reinforcement of profile connections and for attaching components to profile constructions. When assembling surfaces the groove ledgers can be broken off.



Angle set 80x80x80 Zn

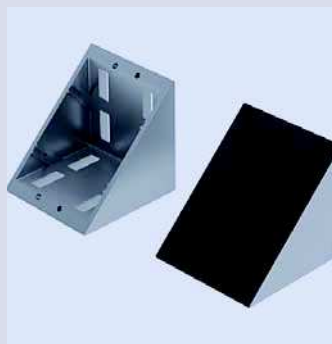
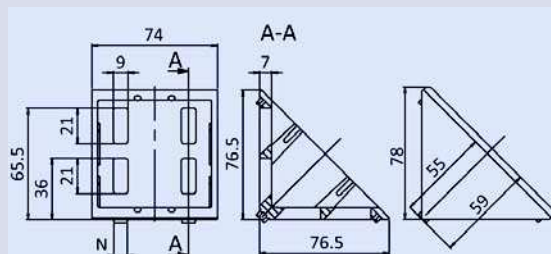
ORDER N°. WINSTZ808080ZNSTG

ZDc m=598g/pc.

Scope of delivery:

- 1 Angle 80x80 Zn
- 8 Half-round screw M8x18 Steel galvanised
- 8 Locking washer M8 Steel galvanised
- 8 Sliding block M8 Steel galvanised
- 1 Covering cap for angle PA black

Angle for non-positive reinforcement of profile connections and for attaching components to profile constructions. When assembling surfaces the groove ledgers can be broken off.



ACCESSORIES 8

ALVÁRIS
PROFILE SYSTEMS



Angle element 1 40x40 45°

ORDER N°. WIN1404045

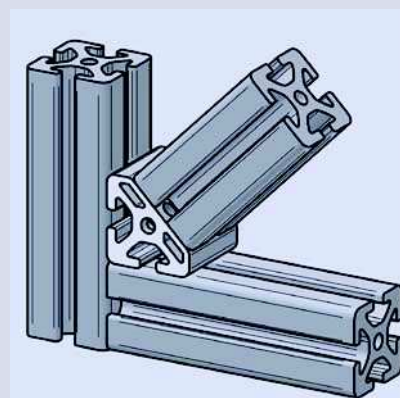
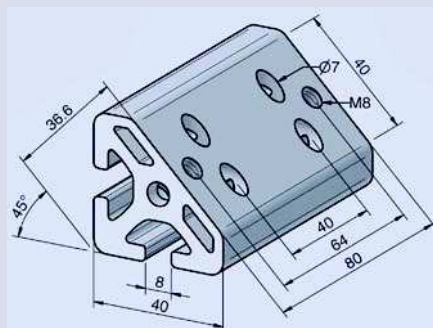
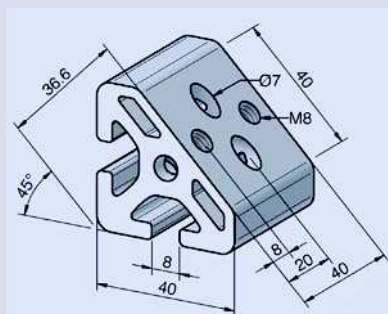
AL/anodized, natural color m=71g/pc.

Profile element for cross-struts, latticework and nodes.

Angle element 1 40x80 45°

ORDER N°. WIN1408045

AL/anodized, natural color m=145g/pc.



Angle element 2 40x40 45°

ORDER N°. WIN2404045

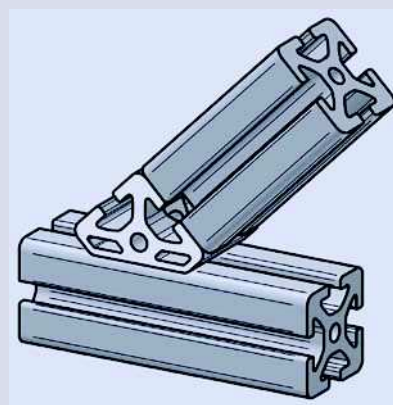
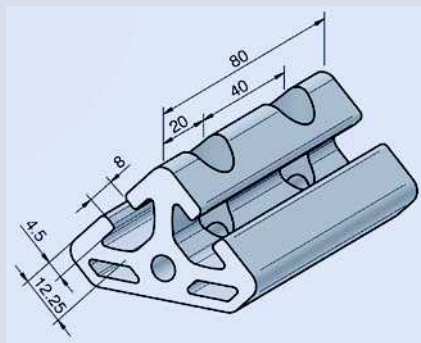
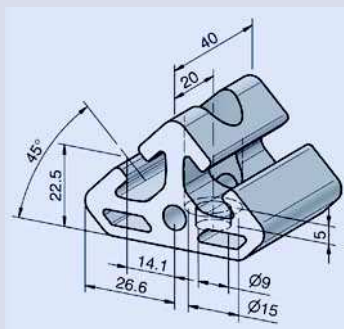
AL/anodized, natural color m=67g/pc.

Profile element for cross-struts, latticework and nodes.

Angle element 2 40x80 45°

ORDER N°. WIN2408045

AL/anodized, natural color m=133g/pc.



ACCESSORIES 8

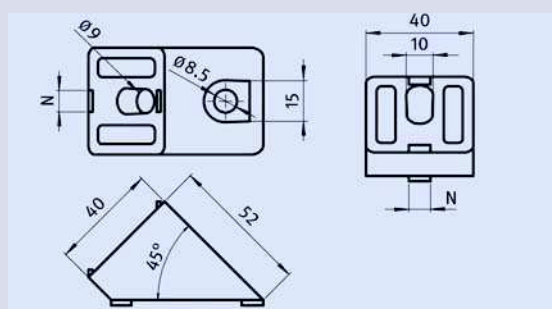
ALVÁRIS
PROFILE SYSTEMS

Angle connector 40 45°

ORDER N°. WINVER4045

ZDc/aluminum color-coated m = 214g/pc.

For the straightforward connection of two aluminium profiles at a 45° angle.



Angle 160x160

ORDER N°. WIN160160

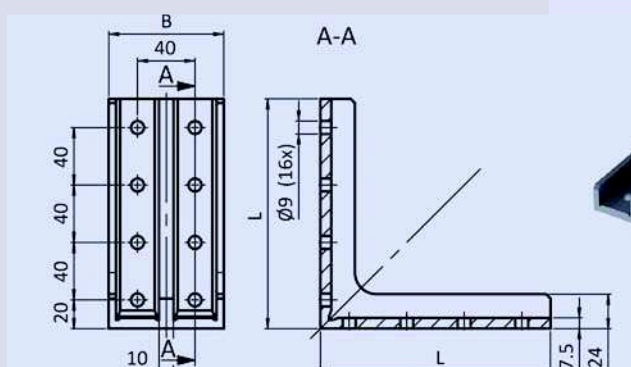
Grey cast iron, white / aluminium, coated (sim. RAL 9006)

m = 2610g/pc.

Scope of delivery:

1 Angle 160x160x80 Zn

Angle for positive-locking reinforcement of profile connections and for attaching components to the profile structures.





Joint 8 30x30

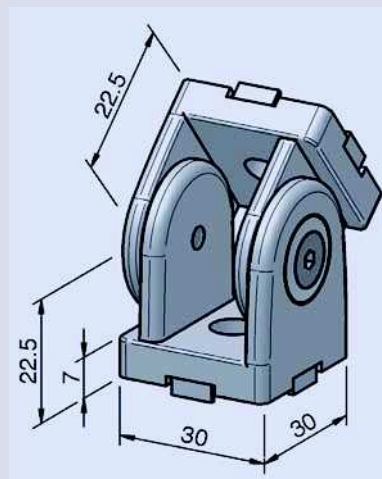
ORDER N°. GEL8.3030

ZDc m=137g/pc.

Scope of delivery:

1 Basic element ZDc

Moveable element for the connection of profiles in any angle up to 180°. The element can also be used as a heavy hinge.



Joint 8 30x30 with door latch

ORDER N°. GEL8.3030KLE

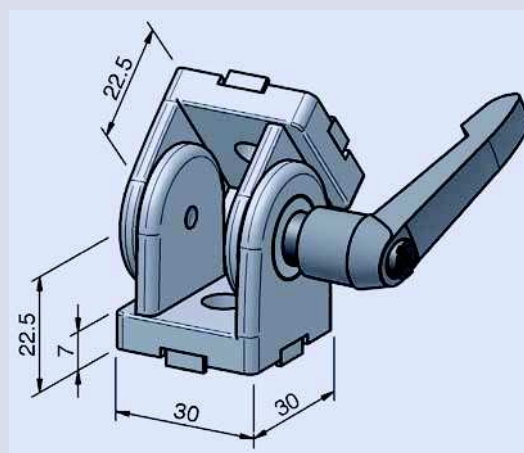
ZDc m=151g/pc.

Scope of delivery:

1 Basic element ZDc

1 Black door latch M5 PA

Moveable element for the connection of profiles in any angle up to 180°. The element can also be used as a heavy hinge. The model with the door latch makes possible a quick setting without tools.



ACCESSORIES 8

Joint 40x40

ORDER N°. GEL4040

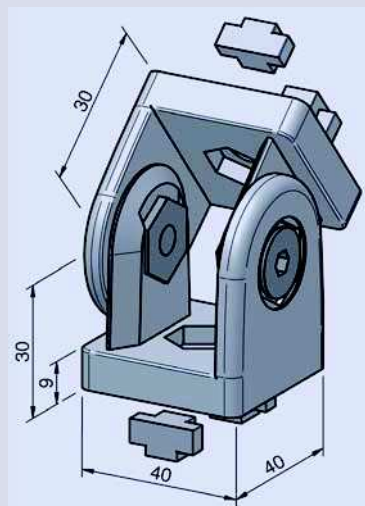
ZDc m=305g/pc.

Scope of delivery:

1 Basic element ZDc

4 Anti-twist device ZDc

Mobile structural element for the connection of profiles at required angles from 0° to 180°. Can also be used as a heavy hinge.



Joint 40x40 with door latch

ORDER N°. GEL4040KLE

ZDc m=338g/pc.

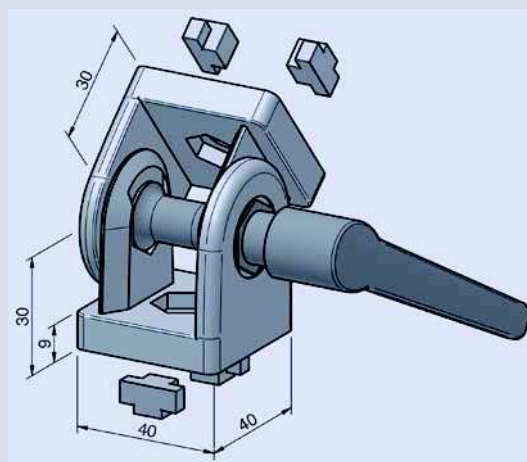
Scope of delivery:

1 Basic element ZDc

1 Door latch M8 ZDc black

4 Anti-twist device ZDc

Mobile structural element for the connection of profiles at required angles from 0° to 180°. Can also be used as a heavy hinge. This specification including locking lever means that assembly is quick and you do not need tools to do it!



ACCESSORIES 8



Joint 80x40

ORDER N°. GEL8040

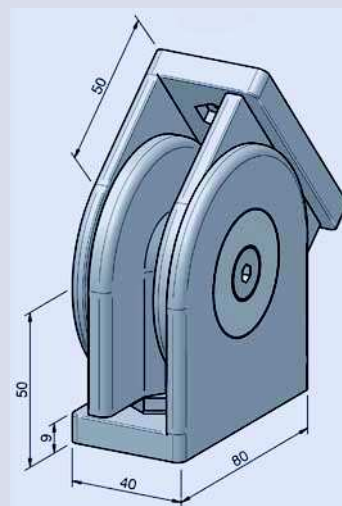
ZDc m=1000g/pc.

Scope of delivery:

1 Basic element ZDc

4 Anti-twist device ZDc

Mobile structural element for the connection of profiles at required angles from 0° to 180°. Can also be used as a heavy hinge.



Joint 80x40 with door latch

ORDER N°. GEL8040KLE

ZDc m=1141g/pc.

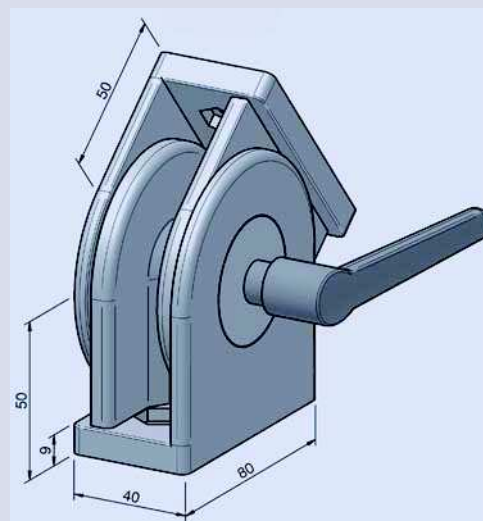
Scope of delivery:

1 Basic element ZDc

4 Anti-twist device ZDc

1 Door latch M8 PA black

Mobile structural element for the connection of profiles at required angles from 0° to 180°. Can also be used as a heavy hinge. This specification including locking lever means that assembly is quick and you do not need tools to do it!



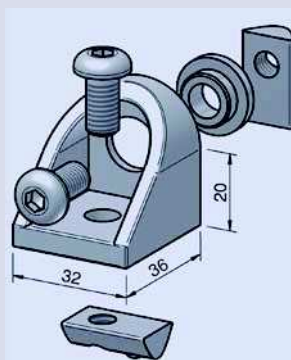
Jointed square set

ORDER N°. GELSTZ

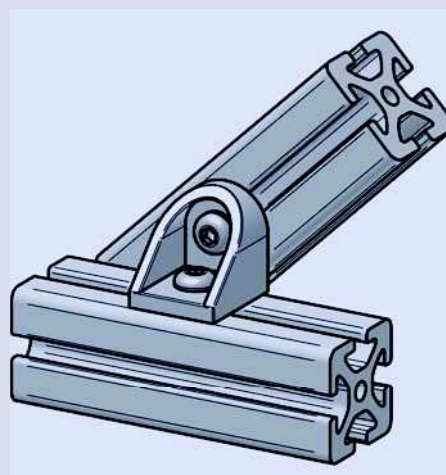
ZDc m=128g/pc.

Scope of delivery:

- 1 Basic element ZDc
- 2 Half-round screw M8x18 Steel galvanised
- 2 Washer M8 Steel galvanised
- 1 Bearing bush Steel galvanised
- 2 Sliding block M8 Steel galvanised



Square for connecting profiles or flat elements in required positions. The jointed square is typically installed together with the locking square. The washer guarantees a fixed pivotal point which when the screw is tight, remains fixed. Typically used for constructions that often need to be re-set.



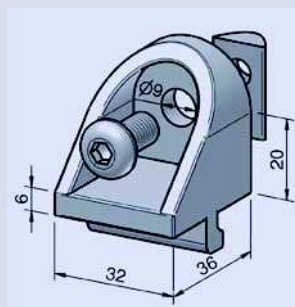
Locking square set

ORDER N°. KLESTZ

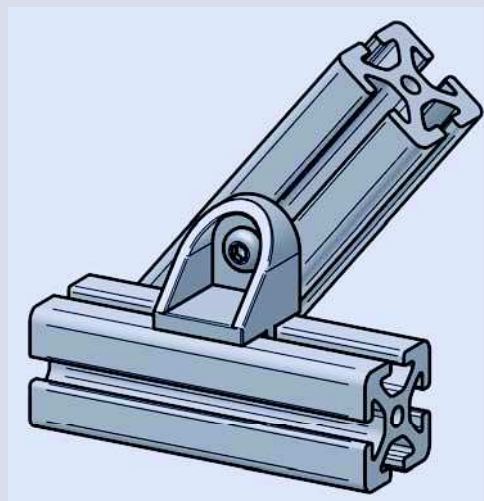
ZDc m=110g/pc.

Scope of delivery:

- 1 Basic element ZDc
- 1 Half-round screw M8x18 Steel galvanised
- 1 Sliding block M8 Steel galvanised



Universal attachment element for non-see-through surfaces and complex constructions. Fastening in the profile groove is accomplished with screw and sliding block. The distance to the profile edge can be set by using the millimeter raster. The raster element also includes twisting protection.



ACCESSORIES 8



Locking square with door latch

ORDER N°. KLESTZKLE

ZDc m=163g/pc.

Scope of delivery:

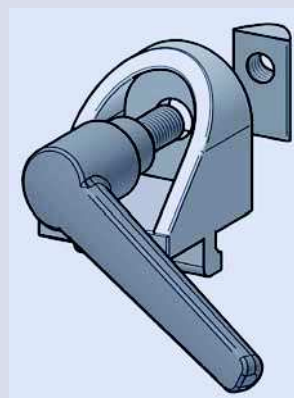
1 Basic element ZDc

1 Locking lever M8 ZDc black

1 Bolt spacer black steel

1 Sliding block M8 Steel galvanised

Universal attachment element for non-see-through surfaces and complex constructions. Fastening in the profile groove is accomplished with screw and sliding block. The distance to the profile edge can be set by using the millimeter raster. The raster element also includes twisting protection.



Pivoting angle set piece

ORDER N°. SCHSTZST

Steel/galvanised m=217g/pc.

Scope of delivery:

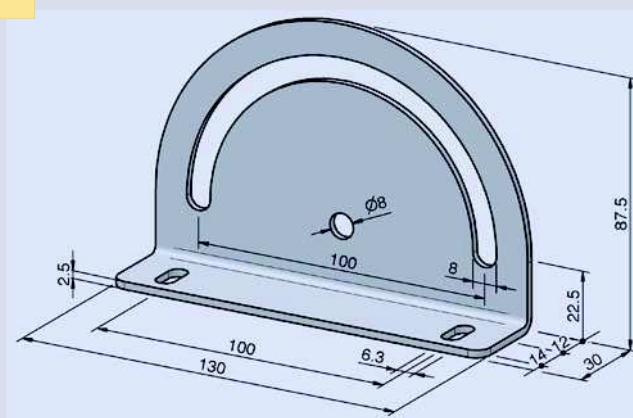
1 Basic element Steel galvanised

each 2 Round head screw M8x14 / M6x14 Steel galvanised

each 2 Groove stones M8 / M6 Steel galvanised

each 2 Sliding blocks M8 / M6 Steel galvanised

Element for affixing shelf boards and the likes to existing frame constructions. Thanks to the special form of this attachment angle, the inclination can be set continuously.



ACCESSORIES 8

Pivoting angle set piece with door latch

ORDER N°. SCHSTZKLEST

Steel/galvanised m=237g/pc.

Scope of delivery:

1 Basic element Steel galvanised

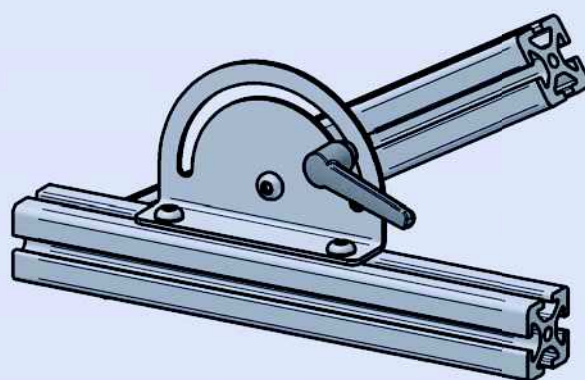
1 Door latch M8 ZDc black

each 2 Round head screw M8x14 / M6x14 Steel galvanised

each 2 Groove stones M8 / M6 Steel galvanised

each 2 Sliding blocks M8 / M6 Steel galvanised

Element for affixing shelf boards and the likes to existing frame constructions. Thanks to the special form of this attachment angle, the inclination can be set continuously. The model with the door latch makes possible a quick setting without tools.



Connection element

ORDER N°. VERS

Steel/galvanised m=34g/pc.

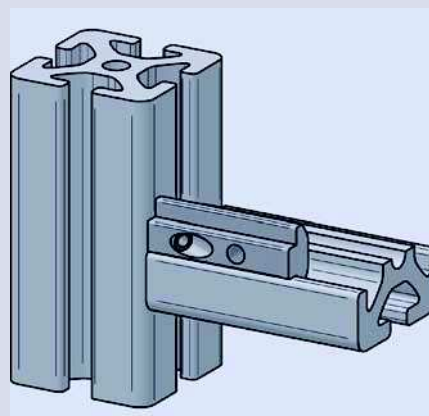
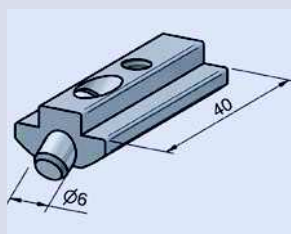
Scope of delivery:

1 Basic element Steel galvanised

1 Straight pin 6m6x16 reinforced steel

1 Set screw M6x12 Steel galvanised

Connection element for additional non-slip safety catch and profile connections for constructions that are heavily used.





Sliding block M4 steel

ORDER N°. NUTM4ST

Steel/galvanised m=10g/pc.

Sliding block M4 stainless steel

ORDER N°. NUTM4STROS

Steel/stainless m=10g/pc.

Sliding block M5 steel

ORDER N°. NUTM5ST

Steel/galvanised m=10g/pc.

Sliding block M5 stainless steel

ORDER N°. NUTM5STROS

Steel/stainless m=10g/pc.

Sliding block M6 steel

ORDER N°. NUTM6ST

Steel/galvanised m=10g/pc.

Sliding block M6 stainless steel

ORDER N°. NUTM6STROS

Steel/stainless m=10g/pc.

Sliding block M8 steel

ORDER N°. NUTM8ST

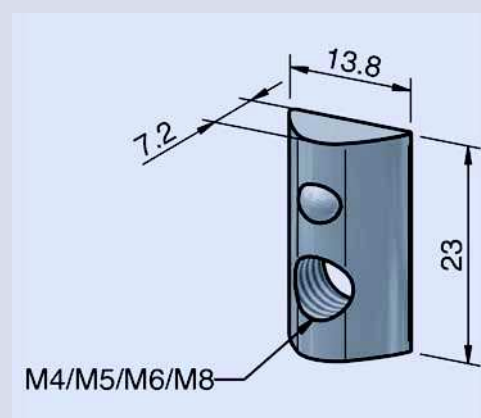
Steel/galvanised m=10g/pc.

Sliding block M8 stainless steel

ORDER N°. NUTM8STROS

Steel/stainless m =10g/pc.

Universal sliding attachment element. The sliding block can be slewed in at any point along the profile groove. Self-fixing through spring-mounted ball.



ACCESSORIES 8

Sliding block M4 steel with ridge

ORDER N°. NUTM4STS

Steel/galvanised m=10g/pc.

Sliding block M5 steel with ridge

ORDER N°. NUTM5STS

Steel/galvanised m=10g/pc.

Sliding block M6 steel with ridge

ORDER N°. NUTM6STS

Steel/galvanised m=10g/pc.

Sliding block M8 steel with ridge

ORDER N°. NUTM8STS

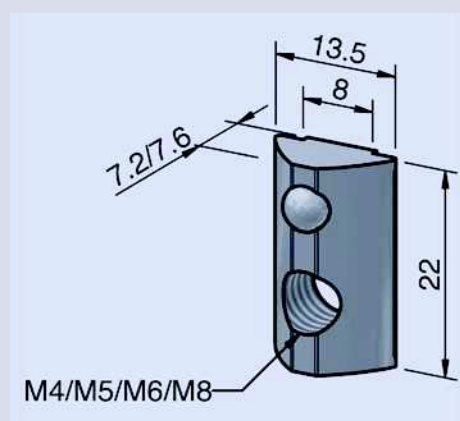
Steel/galvanised m=10g/pc.

Sliding block M8 stainless steel with ridge

ORDER N°. NUTM8STSROS

Steel/galvanised m=10g/pc.

Universal sliding connection element with ridge for automatic positioning which guarantees an optimal bearing surface and prevents it from falling out when adjustments are made. The sliding block can be slewed in at any point along the groove. Self-fixing through spring-mounted ball.



Sliding block M5 steel with ridge / heavy

ORDER N°. NUTM5STSS

Steel/galvanised m=18g/pc.

Sliding block M6 steel with ridge / heavy

ORDER N°. NUTM6STSS

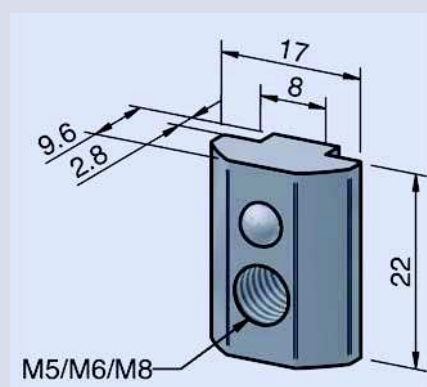
Steel/galvanised m=18g/pc.

Sliding block M8 steel with ridge / heavy

ORDER N°. NUTM8STSS

Steel/galvanised m=18g/pc.

Universal, sliding connection element for high loads, which are self-fixing through spring-mounted ball. Attention: The sliding block must be slewed in before constructing the profile, as afterwards it cannot be slewed.





Sliding block M3 Zn

ORDER N°. NUTM3ZN

ZDc m=5g/pc.

Sliding block M4 Zn

ORDER N°. NUTM4ZN

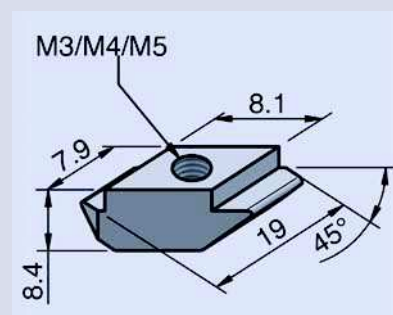
ZDc m=5g/pc.

Sliding block M5 Zn

ORDER N°. NUTM5ZN

ZDc m=5g/pc.

Universal, sliding attachment element. This element is always pre-assembled and afterwards, pressed in and moved at any point on the profile groove. Tightening the screw turns the sliding block and in-so-doing, fastens the element that needs to be attached.

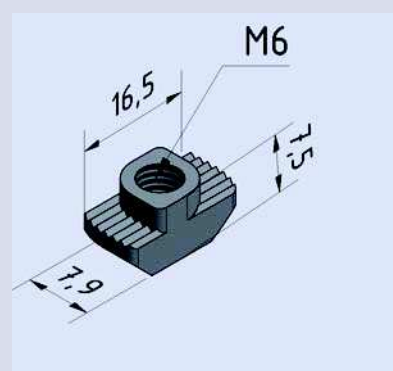


Hammerhead Slot 8 M6 ridge 1,7

ORDER N°. NUTSTM6

Steel/galvanised m=3,2g/pc.

For bayonet connector 8 3Z with screw M6x28.



ACCESSORIES 8

Covering cap for boring 7.5 mm

ORDER N°. ABDBOH75

PA/silver (RAL9006) m=1g/pc.

Covering cap 8 30x30

ORDER N°. ABD8.3030

PA/black m=4g/pc.

Covering cap 8 60x30

ORDER N°. ABD8.6030

PA/black m=7g/pc.

Covering cap 8 60x60

ORDER N°. ABD8.6060

PA/black m=15g/pc.

Covering cap 30x30 without hole for safety fence p.

ORDER N°. ABD3030

PA/black m=3,4g/pc.

Covering cap 32x18

ORDER N°. ABD3218

PA/black m=3g/pc.

Covering cap 40x16

ORDER N°. ABD4016

PA/black m=2g/pc.

Covering cap 40x40

ORDER N°. ABD4040

PA/black m=4g/pc.

Covering cap 40x40 ZN natural

ORDER N°. ABD4040ZNN

ZDc m= 24g/pc.

Covering cap 40x40 ZN black

ORDER N°. ABD4040ZNS

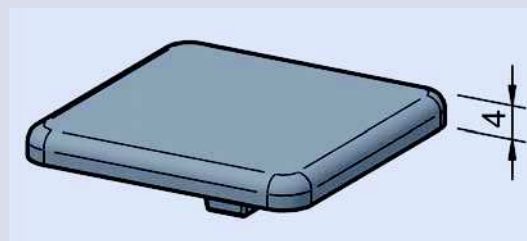
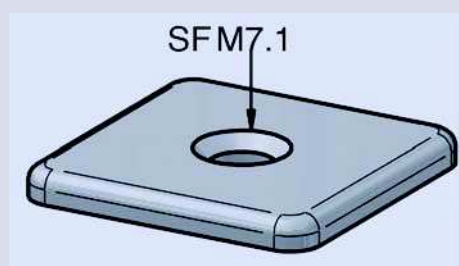
ZDc/black m=24g/pc.

Covering cap 40x40 45°

ORDER N°. ABD404045

PA/black m=5g/pc.

Profile cap rounded off on front side. Prevents dirt entering, prevents injuries/cuts and is a decorative end to the profile. Deburring of the profile cut edge unnecessary. Attach by pressing onto profile face.



It is most often used in zinc form when the profile end takes mechanical strain. It is attached by means of a selfgrooving screw onto the profile face.



Covering cap R40 90°

ORDER N°. ABDR4090

PA/black m=4g/pc.

Covering cap R40/80 30°

ORDER N°. ABDR408030

PA/black m=4g/pc.

Covering cap R40/80 45°

ORDER N°. ABDR408045

PA/black m=6g/pc.

Covering cap R40/80 60°

ORDER N°. ABDR408060

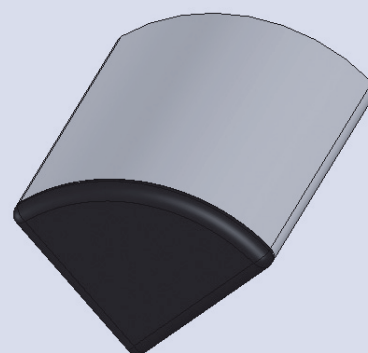
PA/black m=7g/pc.

Covering cap R40/80 90°

ORDER N°. ABDR408090

PA/black m=13g/pc.

Profile cap rounded off at front. Prevents the ingress of dirt as well as injuries/cuts and provides a decorative finish to the profile. Makes deburring of the cut profile edge unnecessary. Attach by pressing on to profile face.



Covering cap 80x16

ORDER N°. ABD8016

PA/black m=3g/pc.

Covering cap 80x40

ORDER N°. ABD8040

PA/black m=8g/pc.

Covering cap 80x80

ORDER N°. ABD8080

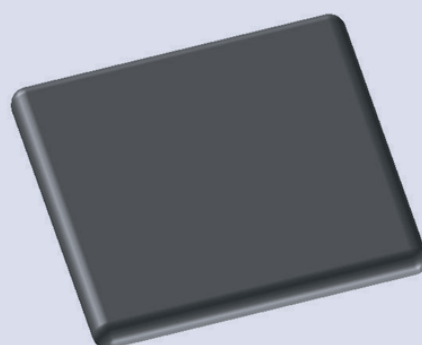
PA/black m=17g/pc.

Covering cap 80x80 45°

ORDER N°. ABD808045

PA/black m=17g/pc.

Profile cap rounded off on front side. Prevents dirt entering, prevents injuries/cuts and is a decorative end to the profile. Deburring of the profile cut edge unnecessary. Attach by pressing onto profile face.



Covering cap 120x40

ORDER N°. ABD12040

PA/black m=21g/pc.

Covering cap 120x80

ORDER N°. ABD12080

PA/black m=30g/pc.

Covering cap 160x16

ORDER N°. ABD16016

PA/black m=8,6g/pc.

Covering cap 160x40

ORDER N°. ABD16040

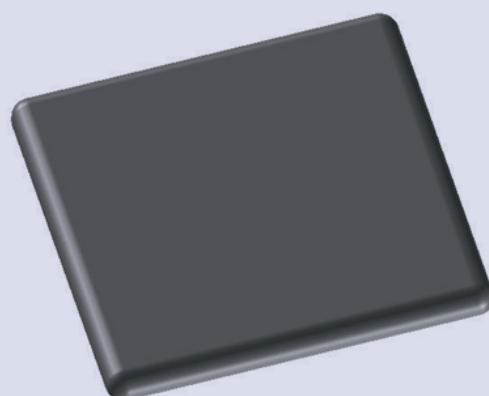
PA/black m=20g/pc.

Covering cap 160x80

ORDER N°. ABD16080

PA/black m=37g/pc.

Profile cap rounded off on front side. Prevents dirt entering, prevents injuries/cuts and is a decorative end to the profile. Deburring of the profile cut edge unnecessary. Attach by pressing onto profile face.





Cable channel Covering cap set 40x40

ORDER N°. KANABDSTZ4040

PA/black m=8g/pc.

Scope of delivery:

1 Cable channel-Covering cap 40x40

4 Half-round screws 4,2x9,5

For closing cable ducts on the side. Suitable for the respective cable ducts.



Cable channel Covering cap set 80x40

ORDER N°. KANABDSTZ8040

PA/black m=12g/pc.

Scope of delivery:

1 Cable channel-Covering cap 80x40

4 Half-round screws 4,2x9,5



Cable channel Covering cap set 80x80

ORDER N°. KANABDSTZ8080

PA/black m=18g/pc.

Scope of delivery:

1 Cable channel-Covering cap 80x80

4 Half-round screws 4,2x9,5

ACCESSORIES 8

Covering profile PP black 8 30

ORDER N°. ABDPP8.30S

PP/black m=114,5g/m

Covering profile Al

ORDER N°. ABDAL

AL/anodized, natural color m=32g/m

Covering profile PP grey

ORDER N°. ABDPPG

PP/grey m=16g/m

Covering profile PP black

ORDER N°. ABDPPS

PP/black m=16g/m

Covering profile PP blue (RAL 5017)

ORDER N°. ABDPPB

PP/blue m=16g/m

Covering profile PP red (RAL 3020)

ORDER N°. ABDPPR

PP/red m=16g/m

Covering profile PP natural

ORDER N°. ABDPPN

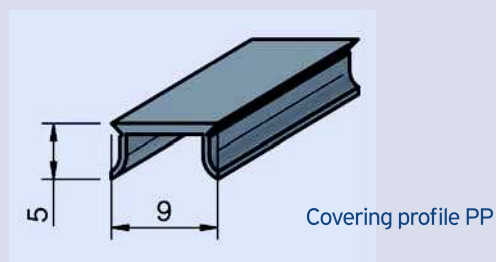
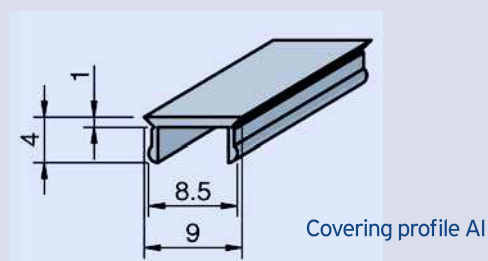
PP/natural m=16g/m

Covering profile silver

ORDER N°. ABDPPSILBER

PP/silvermetallic matt m=15g/m

Covering profile for profile range 8.30 to prevent dirt entering profile grooves and to serve as decorative element of profile surfaces. Assembled by pressing into profile groove. Covering profile to prevent dirt entering profile grooves and to serve as decorative element of profile surfaces. Assembled by pressing into profile groove. The covering profile Al can be engraved (to label modules).



Covering profile to prevent dirt entering profile grooves and to serve as decorative element of profile surfaces. Assembled by pressing into profile groove. Economical alternative to the aluminium cover profile.

ACCESSORIES 8



Covering-/Bordering profile PP natural

ORDER N°. ABDEINPPN

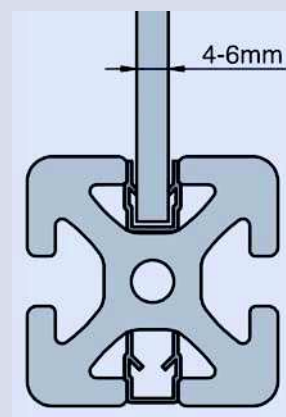
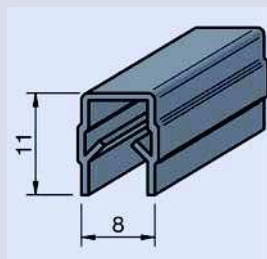
PP/natural m=26g/m

Covering-/Bordering profile PP black

ORDER N°. ABDEINPPS

PP/black m=26g/m

4mm to 6mm thick plastic element to cover profile groove or to form the edge of surfaces. Assembled by pressing into profile groove.

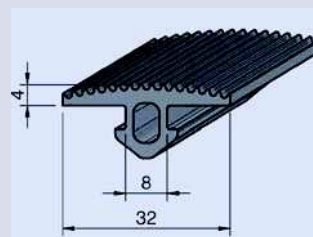


Covering profile 32x4

ORDER N°. ABD324

TPV/black m=160g/m

Covering profile for anti-slip and protective base or as rabbet. Attach by pressing into profile groove.



Black antistatic glide bar 8 30 PP

ORDER N°. GLE8.30PPSANT

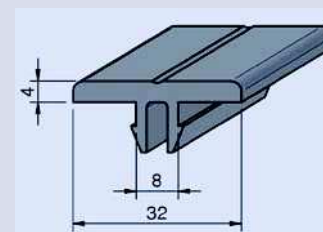
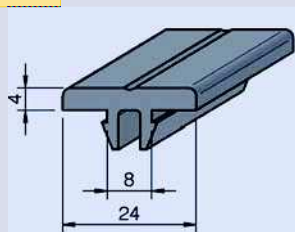
PP/black m=90g/m

Wear-resistant gliding and/or guiding element. Work-pieces and tools carriers etc. can be transported gently. Attach by pressing into profile groove.

Black slide rail PP

ORDER N°. GLEPPS

PP/black m=140g/m



ACCESSORIES 8

ALVÁRIS
PROFILE SYSTEMS



Black sliding guide bar PAS

ORDER N°. GLEPASS

PAS/black m=250g/m

Black sliding guide bar 8 30 PAS

ORDER N°. GLE8.30PASS

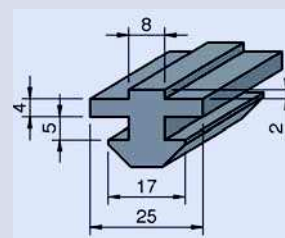
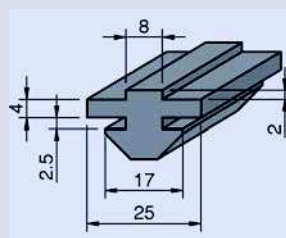
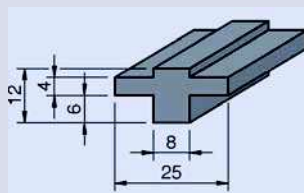
PAS/black m=290g/m

Black sliding guide bar 40 PAS

ORDER N°. GLE40PASS

PAS/black m=210g/m

With this element sliding guides can be set up. These guides are characterized through their smooth running and low wear characteristics. Depending on the application the guides are screwed into the profile groove.



Sealing profile 2-4mm

ORDER N°. DIC24

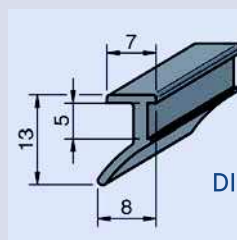
SB/PVC/black m=74g/m

Sealing profile 4-6 mm

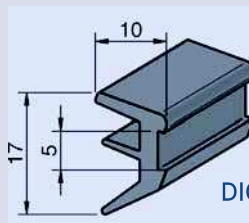
ORDER N°. DIC46

SB/PVC/black m=29g/m

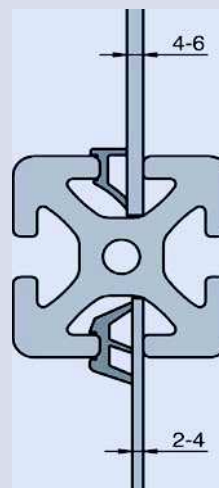
Elastic element or the waterproof fastening and closure of flat elements in profile groove.



DIC46



DIC24



ACCESSORIES 8

Foot 8 60x30 M10

ORDER N°. FUS8.6030M10

ZDc/black m=180g/pc.

Foot 8 60x30 M12

ORDER N°. FUS8.6030M12

ZDc/black m=180g/pc.

Foot 8 60x60 M10

ORDER N°. FUS8.6060M10

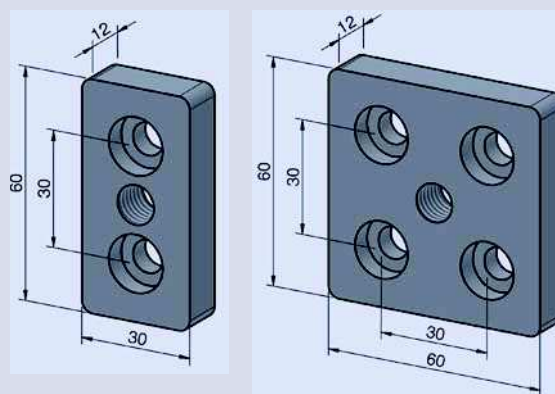
ZDc/black m=290g/pc.

Foot 8 60x60 M12

ORDER N°. FUS8.6060M12

ZDc/black m=290g/pc.

Stable plate for attaching rollers and feet. Suitable as transporting surface for attachments with eye bolts.



Foot 80x40 M10

ORDER N°. FUS8040M10

ZDc/black m=300g/pc.

Foot 80x40 M12

ORDER N°. FUS8040M12

ZDc/black m=330g/pc.

Foot 80x40 M16

ORDER N°. FUS8040M16

ZDc/black m=330g/pc.

Foot 80x40 M20

ORDER N°. FUS8040M20

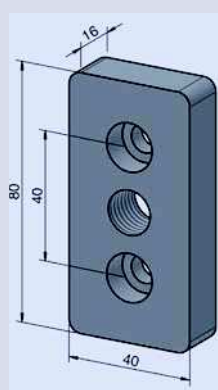
ZDc/black m=330g/pc.

Foot 80x40 R1/2"

ORDER N°. FUS8040R12

Steel/black m=328g/pc.

Stable plate for attaching rollers and feet. Suitable as transporting surface for attachments with eye bolts, as well as pneumatic connector surface for compressed air systems.



ACCESSORIES 8



Foot 80x80 M10

ORDER N°. FUS8080M10

ZDc/black m=673g/pc.

Foot 80x80 M12

ORDER N°. FUS8080M12

ZDc/black m=673g/pc.

Foot 80x80 M16

ORDER N°. FUS8080M16

ZDc/black m=673g/pc.

Foot 80x80 M20

ORDER N°. FUS8080M20

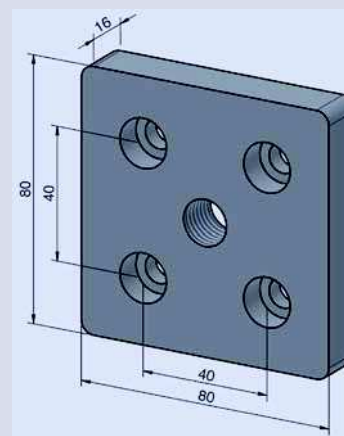
ZDc/black m=673g/pc.

Foot 80x80 R1"

ORDER N°. FUS8080R1

Steel/black m=625g/pc.

Stable plate for attaching rollers and feet. Suitable as transporting surface for attachments with eye bolts, as well as pneumatic connector surface for compressed air systems.



Seal 80x40 PE

ORDER N°. DIC8040PE

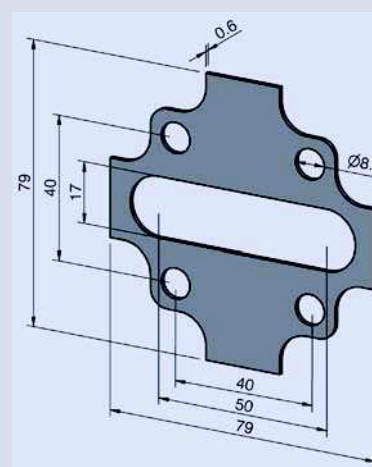
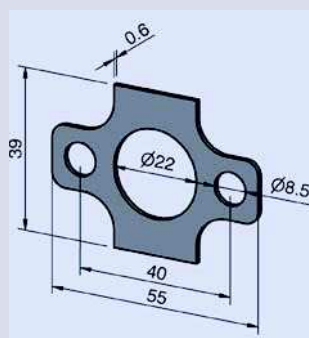
PE-LD soft/natural color m=1g/pc.

Seal for pneumatic profile connections, self-adhesive. Settling of sealing materials requires a retightening of the attachment screws after 24 hours.

Seal 80x80 PE

ORDER N°. DIC8080PE

PE-LD soft/natural color m=2g/pc.



ACCESSORIES 8

Foot 8 30 M8x70

ORDER N°. STE8.30M870

PA/black m=44g/pc. Fmax=1100N

Scope of delivery:

1 Basic element PA black

1 Threaded bolt for foot M8 Steel galvanised

1 Hexagon nut M8 Steel galvanised

Anti-slip pad for foot 8 30

ORDER N°. ANTSTE8.30

NBR/black m=2g/pc.

Foot 8 60 M10x100

ORDER N°. STE8.60M10100

PA/black m=100g/pc. Fmax=2500N

Scope of delivery:

1 Basic element PA black

1 Threaded bolt for foot M10 Steel galvanised

1 Hexagon nut M10 Steel galvanised

Foot 8 60 M12x100

ORDER N°. STE8.60M12100

PA/black m=120g/pc. Fmax=2500N

Scope of delivery:

1 Basic element PA black

1 Threaded bolt for foot M12 Steel galvanised

1 Hexagon nut M12 Steel galvanised

Foot 8 60 M12x130

ORDER N°. STE8.60M12130

PA/black m=150g/pc. Fmax=2500N

Scope of delivery:

1 Basic element PA black

1 Threaded bolt for foot M12 Steel galvanised

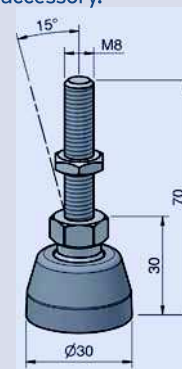
1 Hexagon nut M12 Steel galvanised

Anti-slip pad for foot 8 60

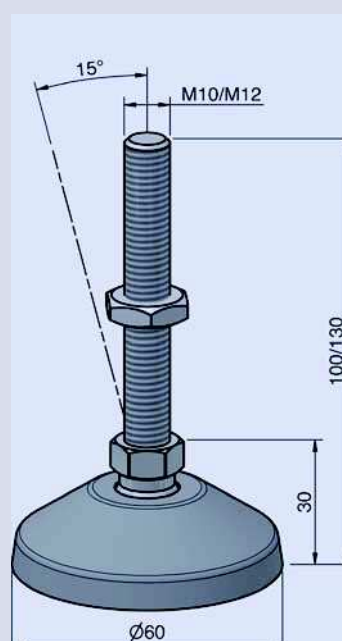
ORDER N°. ANTSTE8.60

NBR/black m=22g/pc.

The height of this module for Profile Range 8 30 can be adjusted continuously. Tilt correction for use on uneven surfaces. Assembly directly into the core boring of the profile or in combination with a foot plate. To absorb vibrations it is recommended to use the anti-slip pad that can be supplied as accessory.



The height of this module for Profile Range 8 30 can be adjusted continuously. Tilt correction for use on uneven surfaces. Assembly directly into the core boring of the profile or in combination with a foot plate. To absorb vibrations it is recommended to use the anti-slip pad that can be supplied as accessory.





Foot 40 M8x70

ORDER N°. STE40M870

PA/black m=40g/pc. Fmax=1800N

Scope of delivery:

- 1 Basic element PA black
- 1 Threaded bolt for foot M8 Steel galvanised
- 1 Hexagon nut M8 Steel galvanised

Foot 40 M8x110

ORDER N°. STE40M8110

PA/black m=60g/pc. Fmax=1800N

Scope of delivery:

- 1 Basic element PA black
- 1 Threaded bolt for foot M8 Steel galvanised
- 1 Hexagon nut M8 Steel galvanised

Foot 40 M10x100

ORDER N°. STE40M10100

PA/black m=100g/pc. Fmax=1800N

Scope of delivery:

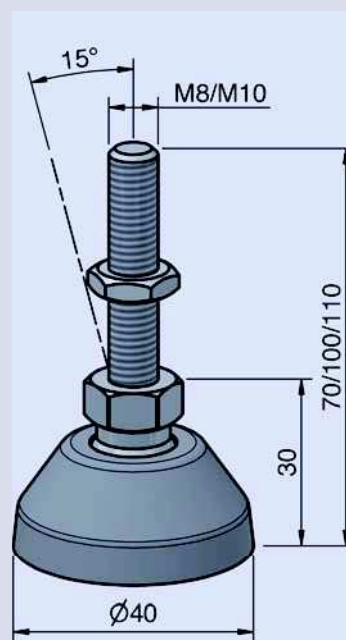
- 1 Basic element PA black
- 1 Threaded bolt for foot M10 Steel galvanised
- 1 Hexagon nut M10 Steel galvanised

Anti-slip pad for Foot 40

ORDER N°. ANTSTE40

NBR/black m=4g/pc.

The height of this module can be variably adjusted. Tilt correction for use on uneven surfaces. It is recommendable to use the anti-slip pad to prevent slipping and also to protect the floor. It can be assembled directly into the core boring of the profile, depending on the size of the thread, or in combination with a plate.



Foot 80 M12x100

ORDER N°. STE80M12100

ZDc/black m=300g/pc. Fmax=13000N

Scope of delivery:

- 1 Basic element ZDc black
- 1 Threaded bolt for foot M12 Steel galvanised
- 1 Hexagon nut M16, galvanised steel

Foot 80 M12x130

ORDER N°. STE80M12130

ZDc/black m=350g/pc. Fmax=13000N

Scope of delivery:

- 1 Basic element ZDc black
- 1 Threaded bolt for foot M12 Steel galvanised
- 1 Hexagon nut M16, galvanised steel

Foot 80 M16x100

ORDER N°. STE80M16100

ZDc/black m=360g/pc. Fmax=13000N

Scope of delivery:

- 1 Basic element ZDc black
- 1 Threaded bolt for foot M16 Steel galvanised
- 1 Hexagon nut M16, galvanised steel

Foot 80 M16x160 levellable

ORDER N°. STE80M16100N

ZDc/black m=360g/pc. Fmax=13000N

Scope of delivery:

- 1 Basic element ZDc black
- 1 Threaded rod with internal thread for adjusting the adjustment plate from below
- 1 Hexagon nut M16, galvanised steel

Foot 80 M16x160

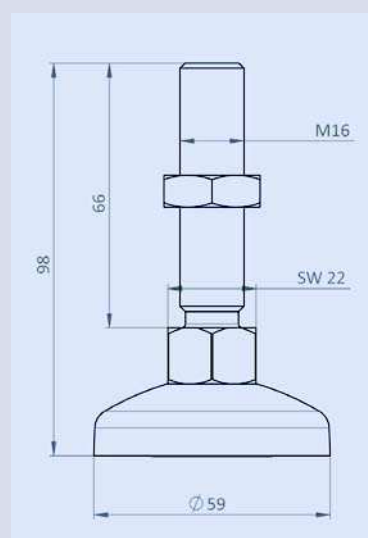
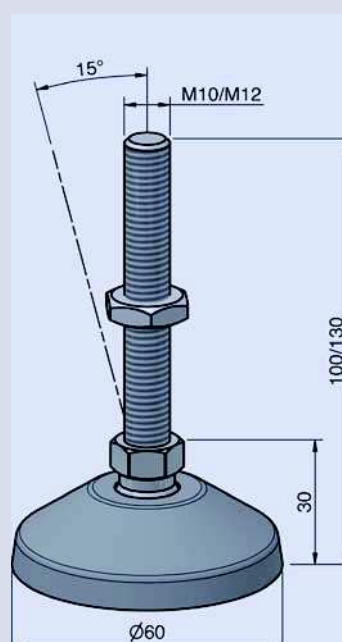
ORDER N°. STE80M16160

ZDc/black m=360g/pc. Fmax=13000N

Scope of delivery:

- 1 Basic element ZDc black
- 1 Threaded bolt for foot M16 Steel galvanised
- 1 Hexagon nut M16, galvanised steel

The height of this module can be variably adjusted. Tilt correction for use on uneven surfaces. It is recommendable to use the anti-slip pad to prevent slipping and also to protect the floor. It can be assembled directly into the core boring of the profile, depending on the size of the thread, or in combination with a plate.



ACCESSORIES 8



Anti-slip pad for Foot 80

ORDER N°. ANTSTE80

NBR/black m=23g/pc.

Plate ESD for Foot 80

ORDER N°. TELSTE80ESD

PA/black m=41,2g/pc.

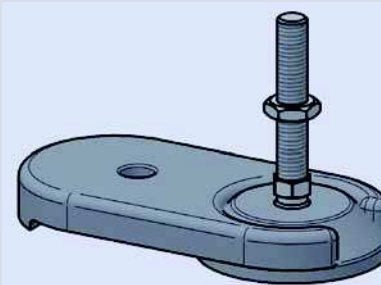
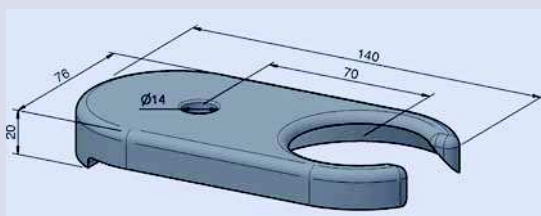
Conductive plate for use in electrostatically protected areas.

Clamping plate 80

ORDER N°. KLE80

ZDc/black m=488g/pc.

The clamping plate is used for the connection between machine mount and the floor or wall.



Grit Foot 8 30 PA

ORDER N°. RAS8.PA

PA/black m=50g/pc. Fmax=1500N

Scope of delivery:

1 Basic element PA black

1 Threaded bolt for foot M8 Steel galvanised

The height of this module can be adjusted continuously. Assembly directly into the core boring of the profile by way of a sliding block in the profile groove. Height adjustment by turning the foot piece.

Grid foot PA

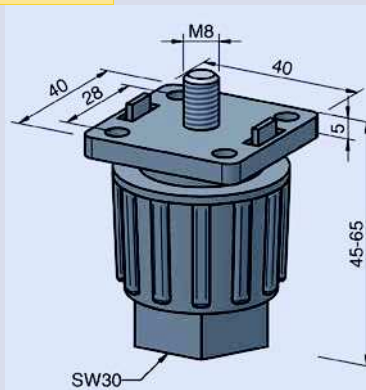
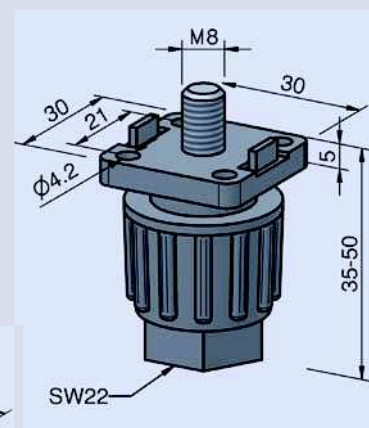
ORDER N°. RASPA

PA/black m=78g/pc. Fmax=1500N

Scope of delivery:

1 Basic element PA black

1 Threaded bolt for foot M8 Steel galvanised



Castor 75

ORDER N°. LEN75

Steel/galvanised m=261g/pc. Fmax=750N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP silver incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

Castor 75 antistatic

ORDER N°. LEN75ANT

Steel/galvanised m=250g/pc. Fmax=750N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP black incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

Castor 75 with locking device

ORDER N°. LEN75MFES

Steel/galvanised m=261g/pc. Fmax=750N

Scope of delivery:

1 casing steel galvanised

1 wheel body PP silver incl. tyres of thermoplastic rubber elastomer (TPE) – tread colour: dark grey

1 locking lever (plastic)

Castor 75 with locking device antistatic

ORDER N°. LEN75MFESANT

Steel/galvanised m=261g/pc. Fmax=750N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP black incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Locking lever (plastic)

Castor 75 with plate bracket

ORDER N°. LEN75MPLA

Steel/galvanised m=314g/pc. Fmax=750N

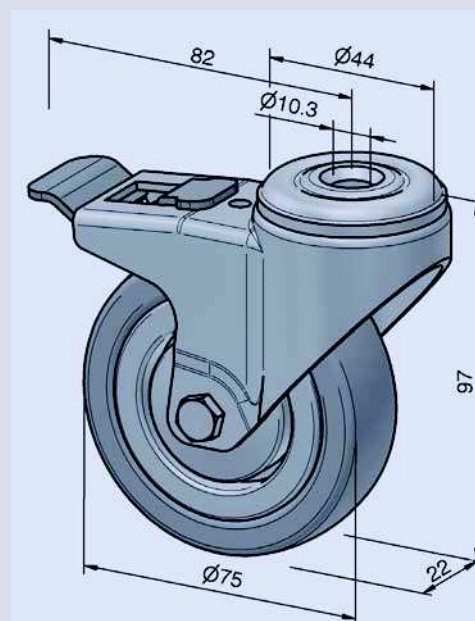
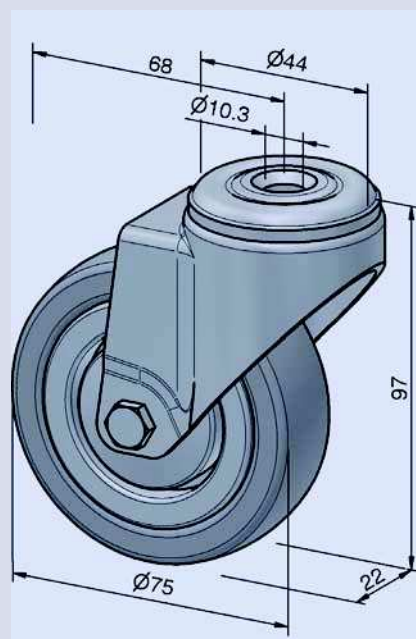
Scope of delivery:

1 casing steel galvanised

1 wheel body PP grey incl. tyres of thermoplastic rubber elastomer (TPE) – tread colour: dark grey

1 fixing plate 60x60mm

Ball bearing, thread protected castor for moveable constructions like moveable tables etc. The assembly can occur directly in the core hole of the profile or in combination with a foot plate.



ACCESSORIES 8



Castor 75 with plate bracket antistatic

ORDER N°. LEN75MPLAANT

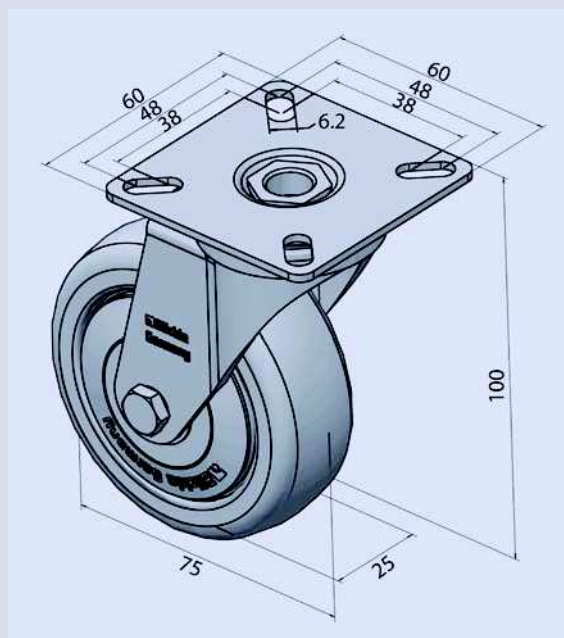
Steel/galvanised m=314g/pc. Fmax=750N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP black incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Fixing plate 60x60mm



Castor 75 with plate bracket and locking dev.

ORDER N°. LEN75MPLAUFES

Steel/galvanised m=335g/pc. Fmax=750N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP grau incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Fixing plate 60x60mm

1 Locking lever (plastic)

Castor 75 with plate bracket a. locking dev. anti.

ORDER N°. LEN75MPLAUFESANT

Steel/galvanised m=335g/pc. Fmax=750N

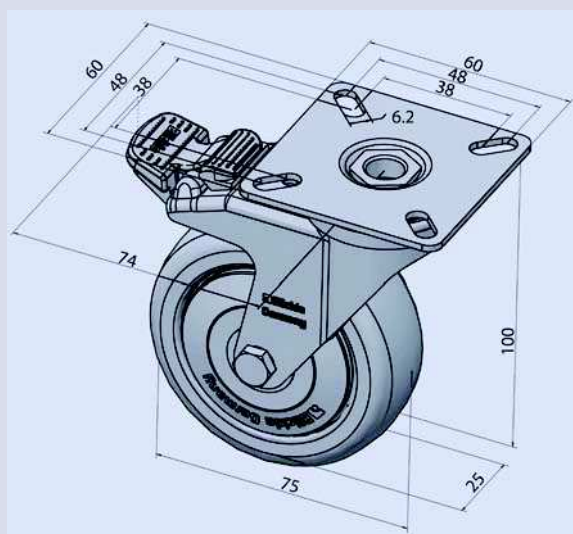
Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP grau incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Fixing plate 60x60mm

1 Locking lever (plastic)



Castor 75 with plate bracket a. lock. dev. heavy

ORDER N°. LEN75PLAFESS

Steel/galvanised m=657g/pc. Fmax=2000N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PA white incl. tyres PA – Tread color: white

1 Fixing plate 100x85mm

1 Locking lever

Castor 125

ORDER N°. LEN125

Steel/galvanised m=637g/pc. Fmax=1200N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP silver incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

Castor 125 antistatic

ORDER N°. LEN125ANT

Steel/galvanised m=637g/pc. Fmax=1200N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP black incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

Castor 125 with locking device

ORDER N°. LEN125MFES

Steel/galvanised m=760g/pc. Fmax=1200N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP silver incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Locking lever (plastic)

Castor 125 with locking device antistatic

ORDER N°. LEN125MFESANT

Steel/galvanised m=760g/pc. Fmax=1200N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP black incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Locking lever (plastic)

Castor 125 with plate bracket

ORDER N°. LEN125MPLA

Steel/galvanised m=759g/pc. Fmax=1200N

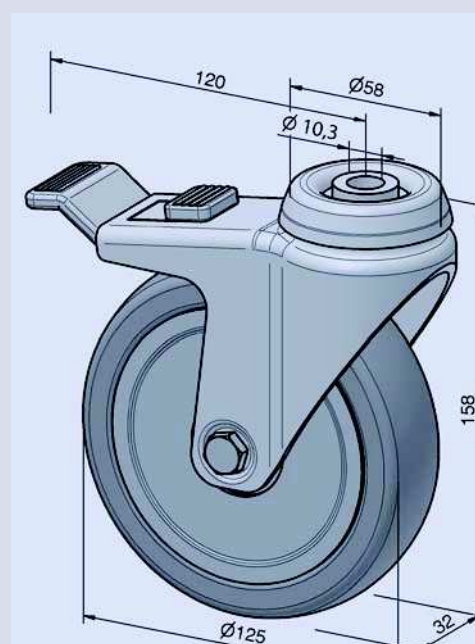
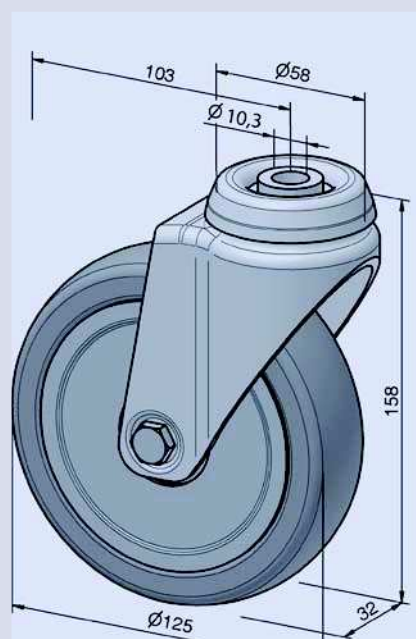
Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP grau incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Fixing plate 90x66mm

Ball bearing, thread protected castor for moveable constructions like moveable tables etc. The assembly can occur directly in the core hole of the profile or in combination with a foot plate.



ACCESSORIES 8



Castor 125 with plate bracket antistatic

ORDER N°. LEN125MPLAANT

Steel/galvanised m=759g/pc. Fmax=1200N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP black incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Fixing plate 90x66mm

Castor 125 with plate bracket and lock. device

ORDER N°. LEN125MPLAUFES

Steel/galvanised m=877g/pc. Fmax=1200N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP grau incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Fixing plate 90x66mm

1 Locking lever (plastic)

Castor 125 with plate bracket a. lock. dev. anti.

ORDER N°. LEN125MPLAUFESANT

Steel/galvanised m=877g/pc. Fmax=1200N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP black incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Fixing plate 90x66mm

1 Locking lever (plastic)

Castor 125 with plate bracket a. lock.dev. heavy

ORDER N°. LEN125SCHWERMFESPA

Steel/galvanised m=2.832g/pc. Fmax=6000N

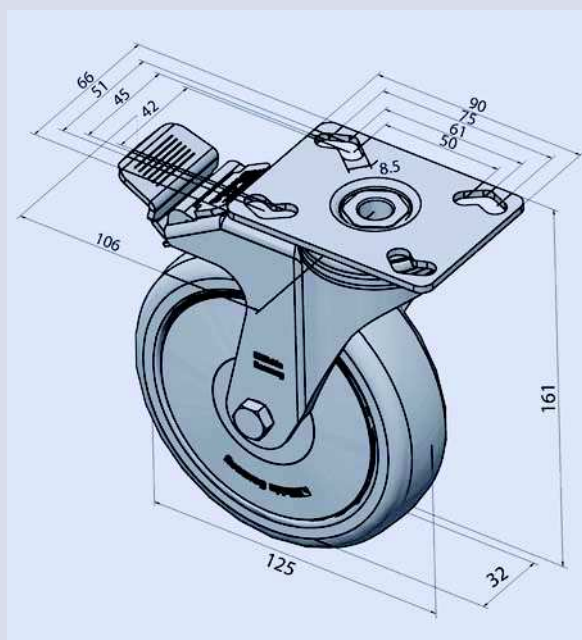
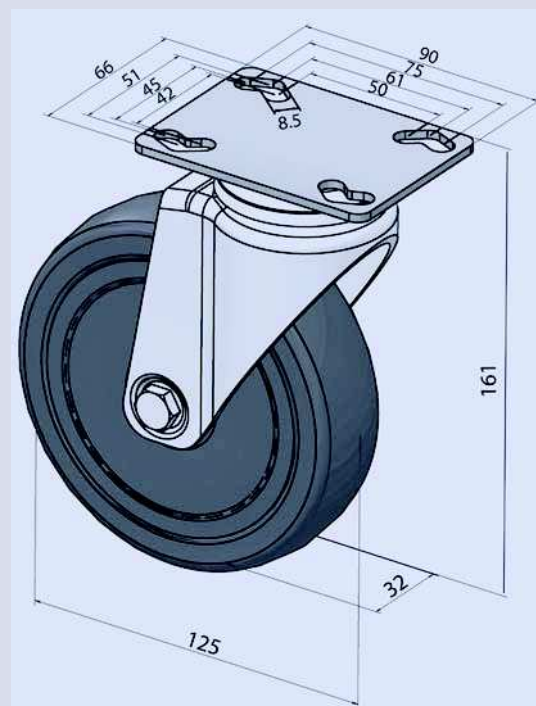
Scope of delivery:

1 casing steel galvanised

1 wheel body PA white incl. tyres PA – tread colour: white

1 fixing plate 140x110mm

1 locking lever



ACCESSORIES 8

Fixed castor for heavy loads 75

ORDER N°. BOC75

Steel/galvanised m=204g/pc. Fmax=750N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP silver incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

Fixed castor for heavy loads 75 antistatic

ORDER N°. BOC75ANT

Steel/galvanised m=204g/pc. Fmax=750N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP black incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

Fixed castor for heavy loads 75 w. plate bracket

ORDER N°. BOC75MPLA

Steel/galvanised m=258g/pc. Fmax=750N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP grau incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Fixing plate 60x60mm

Fixed castor for h. loads 75 w. plate bracket anti.

ORDER N°. BOC75MPLAANT

Steel/galvanised m=258g/pc. Fmax=750N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP black incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Fixing plate 60x60mm

Fixed castor for h. loads 75 w. plate bra.-heavy

ORDER N°. BOC75MPLAS

Steel/galvanised m=317g/pc. Fmax=1500N

Scope of delivery:

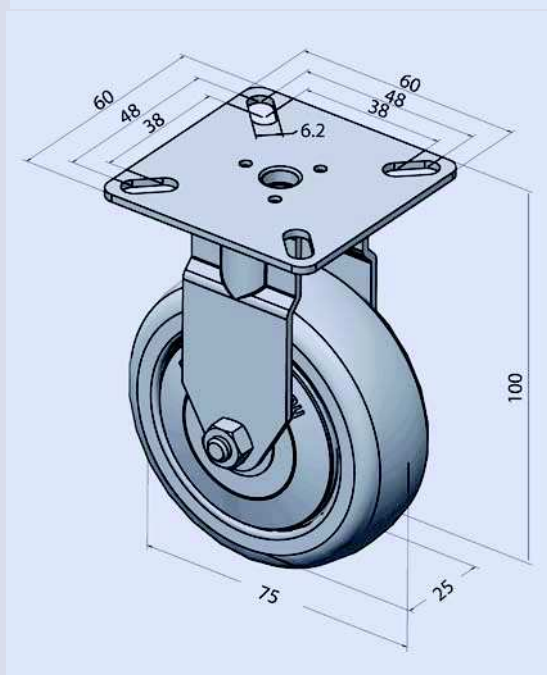
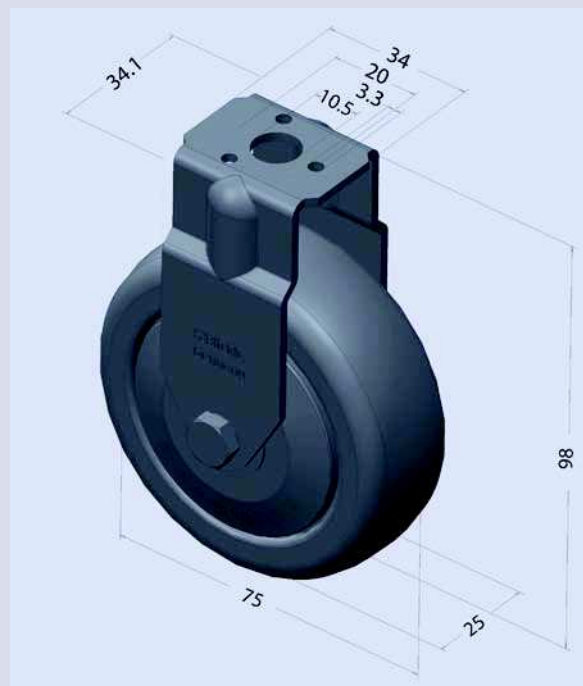
1 Casing Steel galvanised

1 Wheel body PA white

1 Tyres PA – Tread color: white

1 Fixing plate 100x85mm

Ball bearing, thread protected castor for moveable constructions like moveable tables etc. The assembly can occur directly in the core hole of the profile or in combination with a foot plate.



ACCESSORIES 8



Fixed castor for heavy loads 125 antistatic

ORDER N°. BOC125

Steel/galvanised m=470g/pc. Fmax=1200N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP silver incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

Fixed castor for heavy loads 125 w. plate

ORDER N°. BOC125ANT

Steel/galvanised m=470g/pc. Fmax=1200N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP black incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

bracket

ORDER N°. BOC125MPLA

Steel/galvanised m=597g/pc. Fmax=1200N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP grau incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Fixing plate 90x66mm

Fixed castor for h. loads 125 w. plate bra. anti.

ORDER N°. BOC125MPLAANT

Steel/galvanised m=597g/pc. Fmax=1200N

Scope of delivery:

1 Casing Steel galvanised

1 Wheel body PP black incl. tyres thermoplastic rubber elastomer (TPE) – Tread color: dark grey

1 Fixing plate 90x66mm

Fixed castor for h. loads 125 w. plate bra.-heavy

ORDER N°. BOC125SCHWERPA

Steel/galvanised m= 1.885g/pc. Fmax=7500N

Scope of delivery:

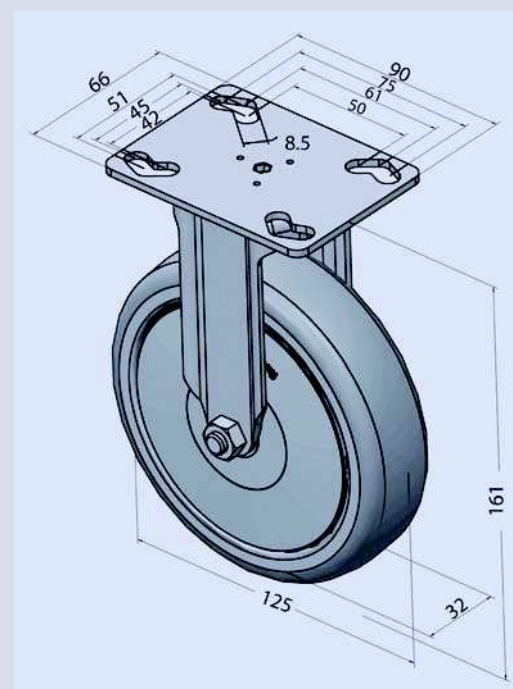
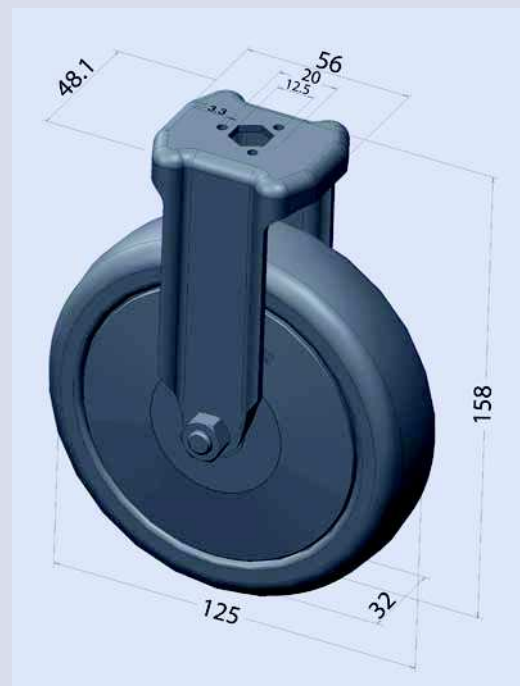
1 Casing Steel galvanised

1 Wheel body PA white

1 Tyres PA – Tread color: white

1 Fixing plate 140x110mm

Ball bearing, thread protected castor for moveable constructions like moveable tables etc. The assembly can occur directly in the core hole of the profile or in combination with a foot plate.



ACCESSORIES 8

Angle foot un-adjustable

ORDER N°. WINOVER

ZDc/black m=223g/pc.

Scope of delivery:

- 1 Basic element ZDc black
- 1 Half-round screw M8x16 Steel galvanised
- 1 Locking washer M8 Steel galvanised
- 1 Sliding block M8 Steel galvanised

Angle foot adjustable

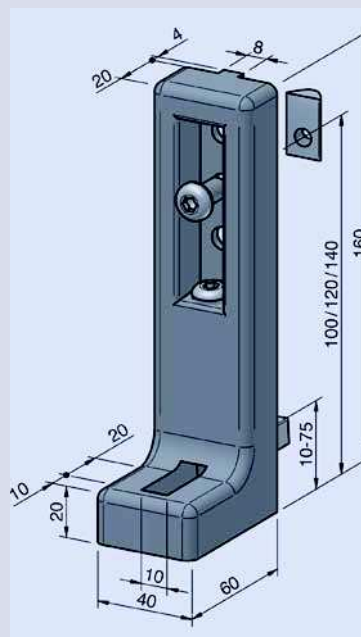
ORDER N°. WINMVER

ZDc/black m=272g/pc.

Scope of delivery:

- 1 Basic element ZDc black
- 1 Half-round screw M8x80 Steel galvanised
- 1 Thread base plate M8 Steel galvanised
- 1 Half-round screw M8x16 Steel galvanised
- 1 Locking washer M8 Steel galvanised
- 1 Sliding block M8 Steel galvanised

Square for force couple fastening of floor or wall profile structures.



Floor attachment plate set

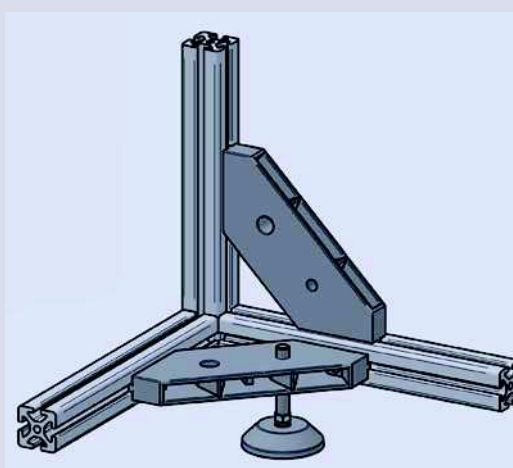
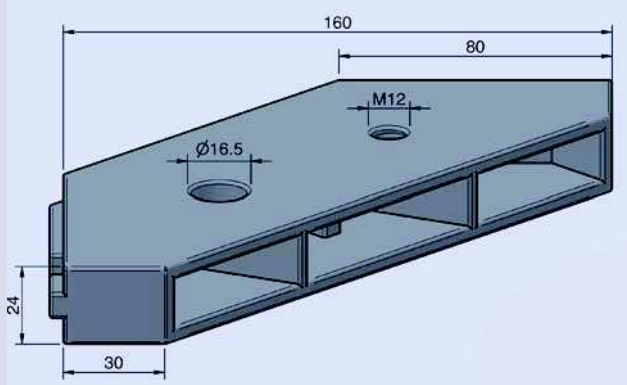
ORDER N°. BODSTZ

ZDc/black m=610g/pc.

Scope of delivery:

- 1 Basic element ZDc black
- 2 Cylinder head screw M8x30 Steel galvanised
- 2 Sliding block M8 Steel galvanised

Floor-fastening plate for leveling and strengthening machine frames.



ACCESSORIES 8

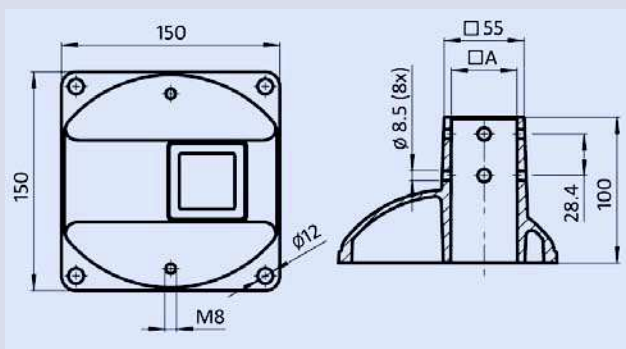
ALVÁRIS
PROFILE SYSTEMS



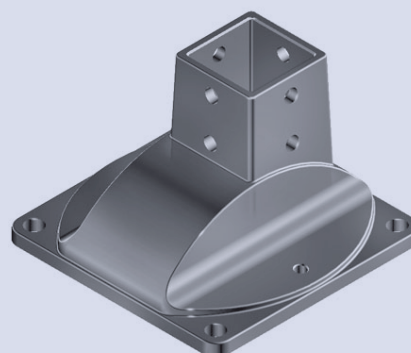
Post console 40

ORDER N°. PFOKON4040

AL-GD/bright m=940g/pc.



For supporting profiles. Particularly suited for the assembly of safety fences. Firmly connects the profiles to the ground.

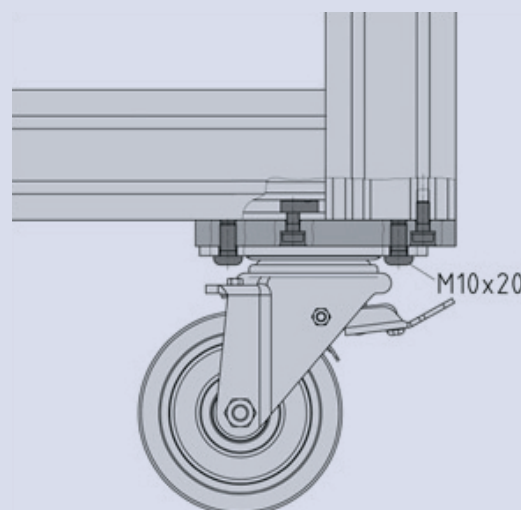
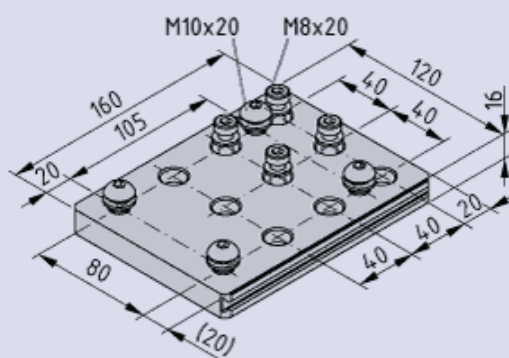


Castor-Adapter plate M10 – 105x80

ORDER N°. ROLADPL1010580

AL-GD/bright m=810g/pc.

Universal adapter plate for 125 castor with plate. The adapter plate comes with holes pre-drilled in the grid dimensions of profile series 8.



ACCESSORIES 8

Plastic plate 4 mm grey (RAL 7035)

ORDER N°. HPL4G

Laminated panel m=5.8kg/m²

Plastic plate 5 mm grey (RAL 7035)

ORDER N°. HPL5G

Laminated panel m=7.3kg/m²

Plastic plate 6 mm grey (RAL 7035)

ORDER N°. HPL6G

Laminated panel m=8.4kg/m²

Plastic plate 8 mm grey (RAL 7035)

ORDER N°. HPL8G

Laminated panel m=11.5kg/m²

Plastic plate 10 mm grey (RAL 7035)

ORDER N°. HPL10G

Laminated panel m=14.6kg/m²

Plastic plate 10 mm grey (RAL 7035) – ESD

ORDER N°. HPL10GANT

Laminated panel m=14.6kg/m²

Composite board 3 mm Al/PE

ORDER N°. VER3ALPEGR

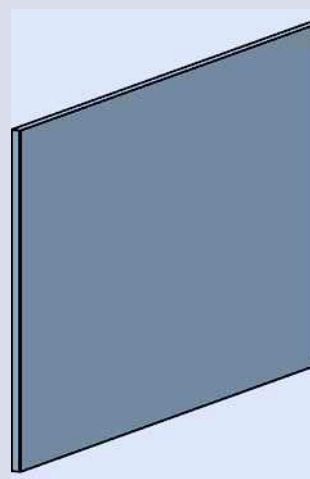
PE-Al anodized natural m=3,93kg/m²

Composite board 4 mm Al/PE

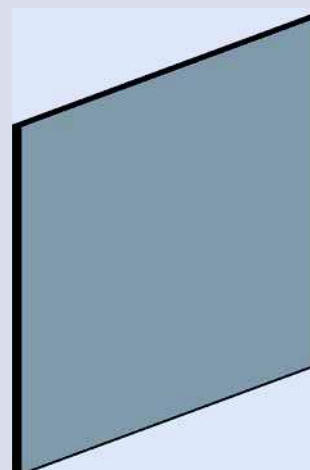
ORDER N°. VER4ALPE

PE-Al anodized natural m=5.8kg/m²

Surface element that can be used as room divider, protective barrier, covering caps and doors. Assemble in connection with the clamping profile, covering/ border profile, angle, uniblock, clamping/multiblock or directly in the groove. This material is moisture resistant, impact resistance and can be used in ambient temperatures between –20 and +80°C.



Surface element that can be used as room divider, protective barrier, covering caps and doors. Use in connection with the clamping profile, cover/border profile, angle, uniblock, clamping/multiblock or directly in the groove. Panel size on request.





Polycarbonate clear 3mm

ORDER N°. POL3T

PC/transparent m=3.6kg/m²

Polycarbonate clear 4mm

ORDER N°. POL4T

PC/transparent m=4.8kg/m²

Polycarbonate clear 5mm

ORDER N°. POL5T

PC/transparent m=6kg/m²

Polycarbonate clear 6mm

ORDER N°. POL6T

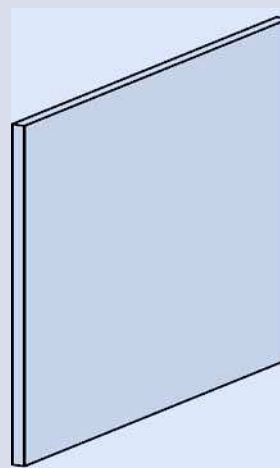
PC/transparent m=7.2kg/m²

Polycarbonate clear 8mm

ORDER N°. POL8T

PC/transparent m=9.6kg/m²

See-through surface element that can be used as room divider, protective barrier, for covering caps and doors. Assemble in connection with the clamping profile, covering/border profile, angle, uniblock, clamping multiblock or directly in the groove. Panel size on request.



ACCESSORIES 8

Shaft grid 20x20x3 steel zinc-coated

ORDER N°. WEL20203

Steel/galvanised m=4.6kg/m²

Shaft grid 30x30x3 steel zinc-coated

ORDER N°. WEL30303

Steel/galvanised m=4.6kg/m²

Shaft grid 40x40x4 steel zinc-coated

ORDER N°. WEL40404ST

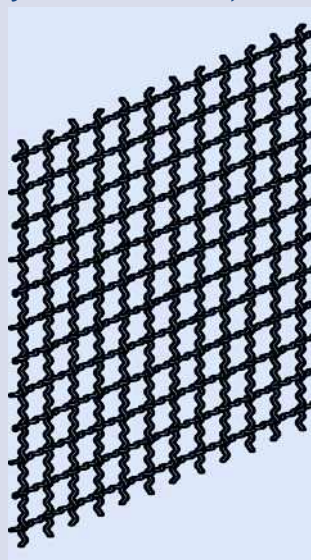
Steel/galvanised m=4.6kg/m²

Shaft grid 40x40x4 steel powder-coated black

ORDER N°. WEL40404BES

Steel/powder-coated black m=4,6kg/m²

Surface element that can be used as room divider, protective barrier, covering caps and doors. Use in connection with the clamping profile or directly in the groove. Grid size on request.



Grid 30x30x3 steel black (RAL 9005)

ORDER N°. GIT30303ST

Steel/kunststoffbeschichtet m = 3,6kg/m²

Grid size on request

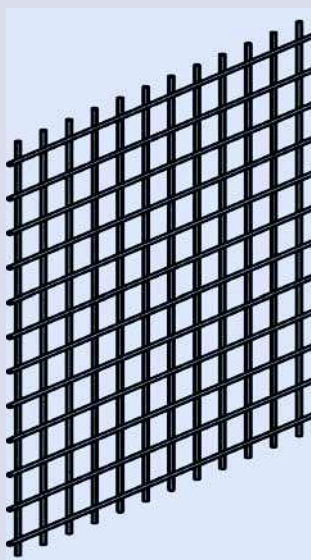
Grid 40x40x4 steel zinc-coated

ORDER N°. GIT40404ST

Steel/galvanised m=5.1kg/m²

Grid size on request

Spot-welded surface element that can be used as room divider, protective barrier, covering caps and doors. Assemble in connection with clamping profiles or directly in the groove in connection with the covering/border profile.



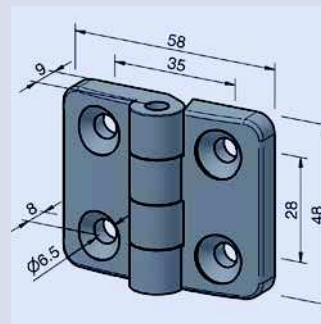


Hinge 8 30 PA

ORDER N°. SCH8.30PA

PA/black m=37g/pc. Fmax=100N

Hinge that cannot be unhinged for Profile Range 8 30 for the construction of small doors and movable attachments. Can be used in both left-side and right-side openings. The groove threads can, if necessary, be broken off.



Hinge PA right

ORDER N°. SCHPAREC

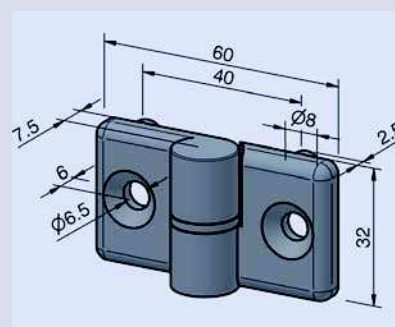
PA/black m=21g/pc. Fmax=100N

Hinge that can be unhinged for the construction of small doors and movable attachments. Supplied for either left-side or right-side opening.

Hinge PA left

ORDER N°. SCHPALIN

PA/black m=21g/pc. Fmax=100N



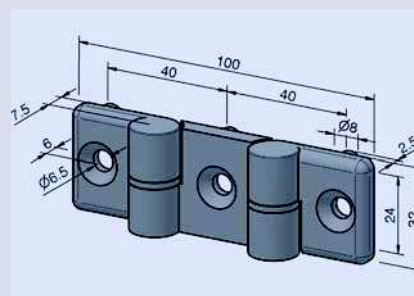
ACCESSORIES 8

Hinge PA double

ORDER N°. SCHPADOP

PA/black m=34g/pc. Fmax=100N

Unhinged hinge This model makes possible the manufacture of small doors and moveable fittings to the left and right of a stayer profile.



Hinge Steel

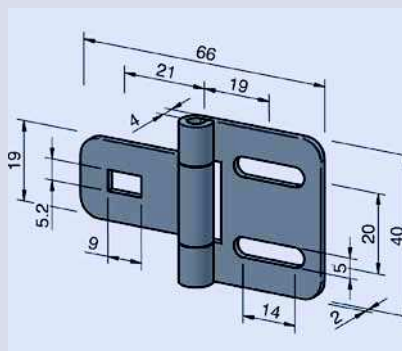
ORDER N°. SCHST

Steel/black m=53g/pc. Fmax=250N

Scope of delivery:

- 1 Hinge black steel
- 3 Flanged oval head screw M5x8 black steel
- 1 Hexagon nut M5 black steel
- 1 Washer M5 black steel
- 1 Flatheaded screw M5x16 black steel

Hinge that cannot be unhinged for the construction of doors and movable attachments. Can be used in both left-side or right-side openings.



ACCESSORIES 8



Hinge 8 30 ZN

ORDER N°. SCH8.30ZN

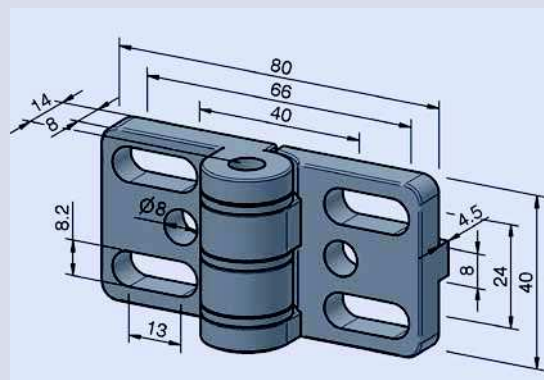
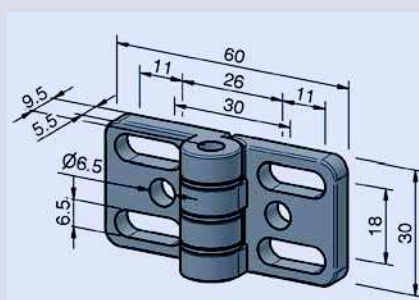
ZDc/black m=78g/pc. Fmax=750N

Not unhinged hinge for the manufacture of heavy doors and moveable attachments. The groove channels can be broken off. Through the long holes, the door gap can be set.

Hinge ZN

ORDER N°. SCHZN

ZDc/black m=178g/pc. Fmax=750N



Hinge 8 Al PP4 L

ORDER N°. SCH8ALPP4L

Al/ m = 113g/pc. F = 500N

Scope of delivery:

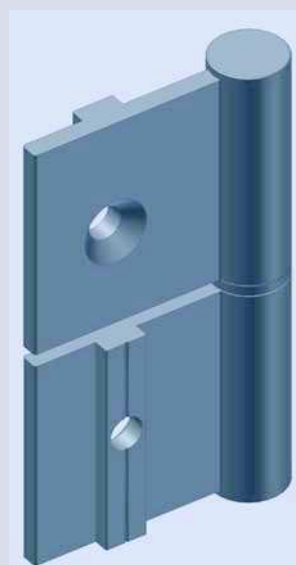
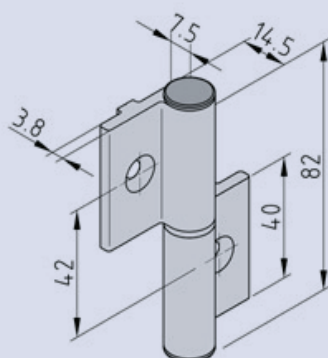
2 Hinge leaves Al, anodized, natur

1 Hinge bolt

2 Sliding block V8 St M6 galvanised

2 countersunk screw DIN 7991 – M6x14 Steel galvanised

These slim hinges are suitable for use with side-hung doors and flaps assembled from profiles or consisting of solid panels.



ACCESSORIES 8

Ball catch PA

ORDER N°. KUGPA

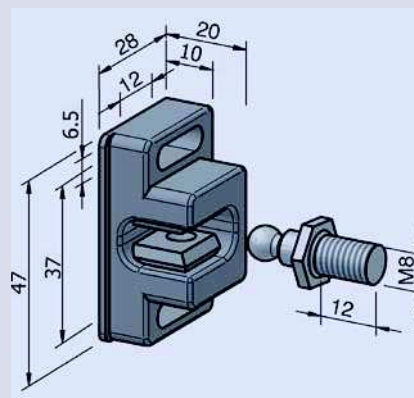
PA/black m=45g/pc. F=50N

Scope of delivery:

1 Basic element PA black

1 Ball pin M8 Steel galvanised

End finishing piece for small movable covers, sliding and swinging doors. Long holes for easy assembly and adjustment.



Ball catch double PA

ORDER N°. KUGDOPPA

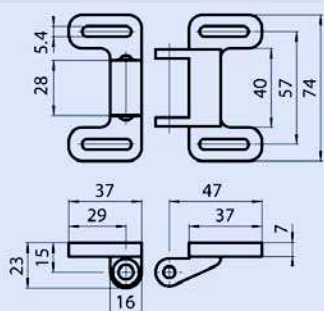
PA/black m=38g/pc. F=25N

Scope of delivery:

1 Basic element PA black

1 Ball pin M8 Steel galvanised

Closing element for movable covers, sliding and side-hung doors with or without frame. Oblong holes facilitate installation and adjustment.





Attachment corner set for ball catches

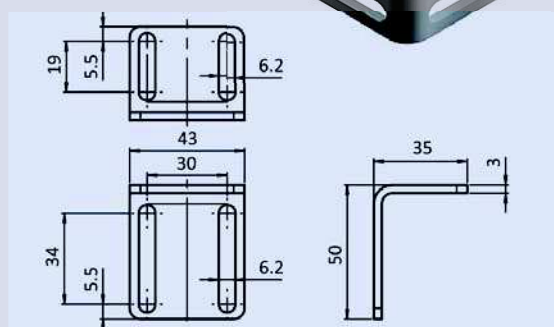
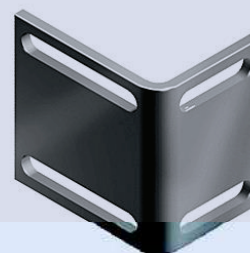
ORDER N°. BEFSTZKUG

Steel/galvanised m=45g/pc.

Scope of delivery:

- 1 Angle Steel galvanised
- 2 Half-round screw M6x14 Steel galvanised
- 4 Washer M6 Steel galvanised
- 1 Sliding block 2xM6-36 Steel galvanised
- 2 Half-round-screw M5x20 Steel galvanised
- 4 Washer M5 Steel galvanised
- 2 Sliding block M5 St
- 2 Hexagon nut M5 Steel galvanised
- 1 Washer M8 Steel galvanised
- 1 Sliding block M8 St
- 1 Hexagon nut M8 Steel galvanised

Universal attachment element for ball catches.



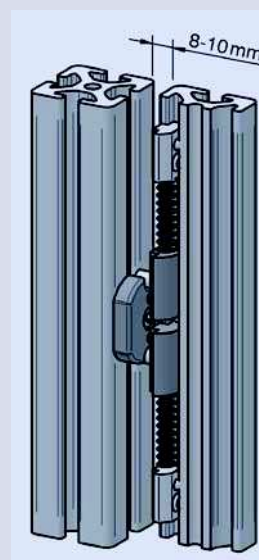
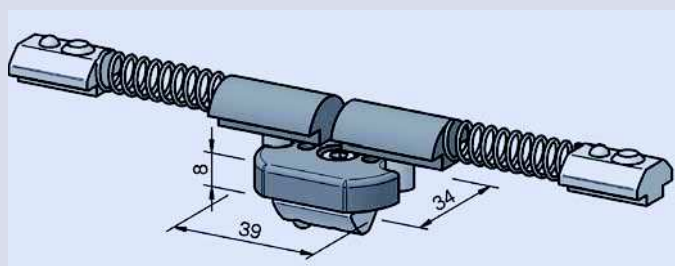
ACCESSORIES 8

Door latch 40

ORDER N°. TUER40

PA/black m=85g/pc.

Arrester or fixation of doors and windows. Necessary door gap at least 8 mm. For assembly, no profile processing is necessary (profile grooves must be open). The locking force can be set.



Attachment corner set for catches

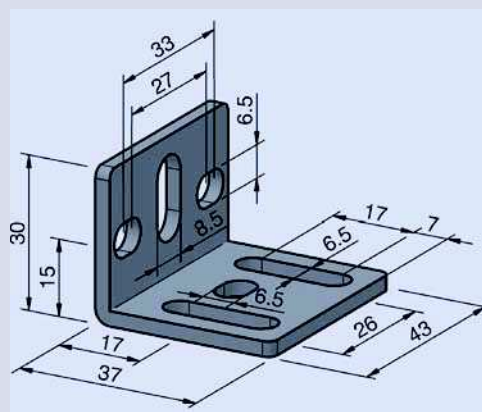
ORDER N°. BEFSTZSCH

AL/black m=45g/pc.

Scope of delivery:

- 1 Angle AL black
- 2 Half-round screw M6x14 galvanised steel
- 4 Washer M6 galvanised steel
- 1 Sliding block 2xM6-36 galvanised steel
- 2 Half-round screw M5x20 galvanised steel
- 4 Washer M5 galvanised steel
- 2 Hexagon nut M5 galvanised steel
- 1 Washer M8 galvanised steel
- 1 Hexagon nut M8 galvanised steel

Universal attachment element for magnet and ball catches.



ACCESSORIES 8



Door stop set 8 PA

ORDER N°. ANSCHLAGWINKEL8

PA-FG / black m =54g/pc.

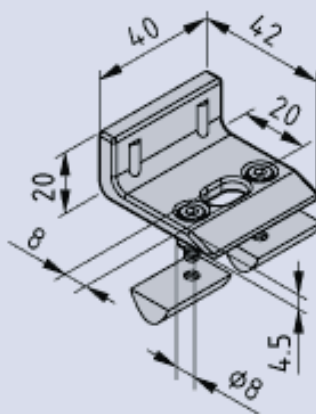
Scope of delivery:

2 Door Stops PA-GF black

4 Cylinder head screw DIN6912 – M4x12 galvanised

4 Sliding block M5 Steel galvanised

This limitation angle limits the movement of movable elements such as doors and flaps. No holding function.



Magnet lock PA

ORDER N°. MAGPA

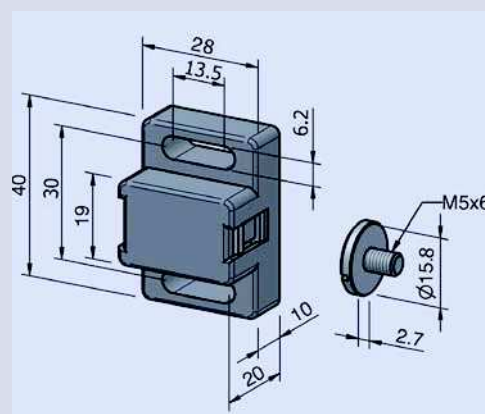
PA/black m=39g/pc. F-front: 50N

Scope of delivery:

1 Basic element PA black

1 Flatheaded screw M5 Steel galvanised

End piece for small movable covers and sliding and swinging doors. Long holes for easy assembly and adjustment. According to the installation position, two different retention forces.



ACCESSORIES 8

Handle 120 PA

ORDER N°. HAN120PA

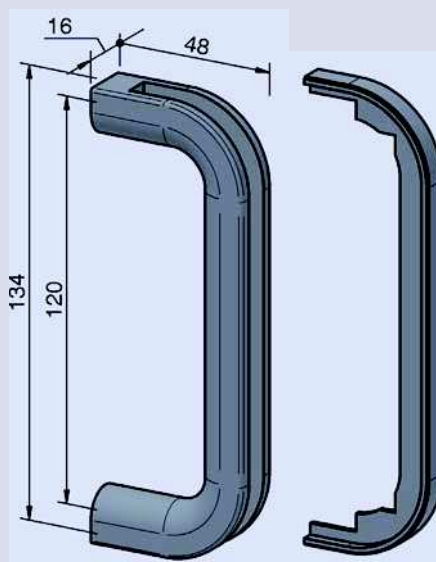
PA/black m=30g/pc.

Handle, for general application. Attachment from the front.

Covering cap für Handle 120 PA

ORDER N°. ABDHAN120PA

PA/black m=6g/pc.



Handle 160 PA

ORDER N°. HAN160PA

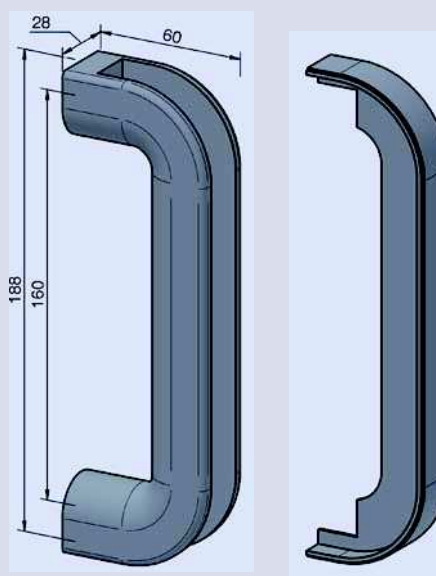
PA/black m=93g/pc.

Handle, for general application. Attachment from the front.

Covering cap für Handle 160 PA

ORDER N°. ABDHAN160PA

PA/black m=20g/pc.



ACCESSORIES 8

ALVÁRIS
PROFILE SYSTEMS



Handle 120 Al

ORDER N°. HAN120AL

AL/black m=37g/pc.

Handle 120 Al bent

ORDER N°. HAN120ALG

AL/black m=43g/pc.

Attachment set for Handle 120 Al

ORDER N°. BEFSTZHAN120AL

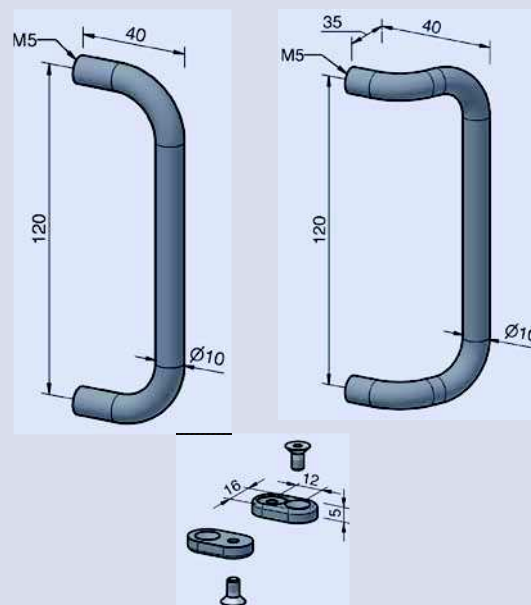
ZDc/black m=21g/pc.

Scope of delivery:

2 Basic element ZDc black

2 Countersunk screw M5x10 black steel

Handle, for general application. Attachment from the front.



Handle 200 Al

ORDER N°. HAN200AL

AL/black m=261g/pc.

Handle 200 Al bent

ORDER N°. HAN200ALG

AL/black m=312g/pc.

Attachment set for Handle 200 Al

ORDER N°. BEFSTZHAN200AL

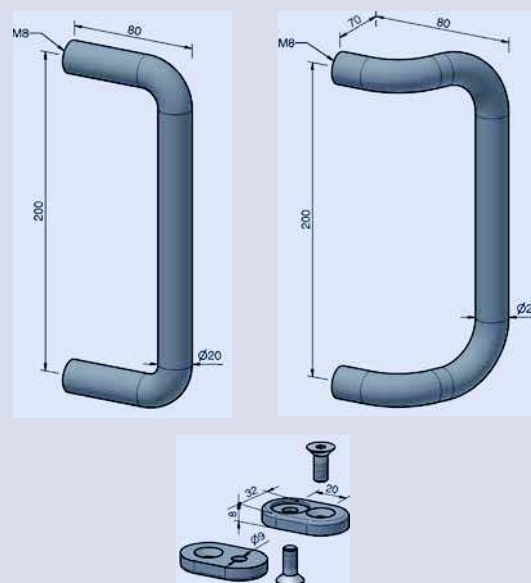
ZDc/black m=130g/pc.

Scope of delivery:

2 Basic element ZDc black

2 Countersunk screw M8x18 black steel

Special-shape round aluminum handle for general use. Hidden attachment from the back or with attachment set from the front.



ACCESSORIES 8

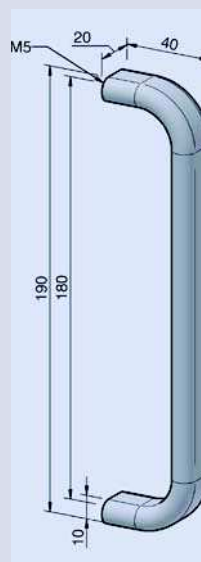
ALVÁRIS
PROFILE SYSTEMS

Handle 180 Al

ORDER N°. HAN180AL

AL/anodized, natural color m=87g/pc.

Handle for general application with concealed fixing at the rear.

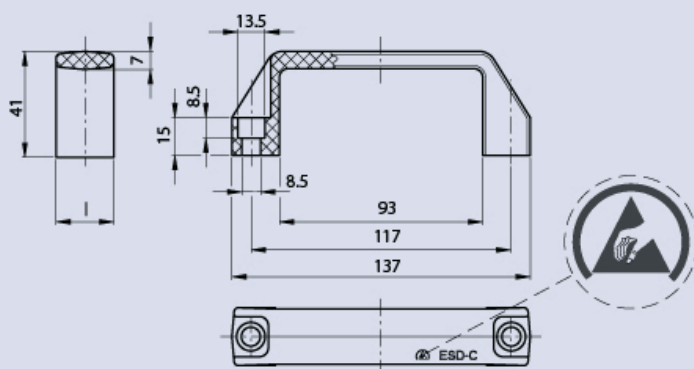


Handle 117 PA ESD

ORDER N°. HAN117PAESD

PA/black m=340g/pc.

Handle, for general application. Attachment from the front.



ACCESSORIES 8

ALVÁRIS
PROFILE SYSTEMS



Catch lock

ORDER N°. FALL

ZDc/black m=480g/pc.

Robust catch lock for swinging doors. Manipulation-proof through attachment on reverse side. The lock can only be used from one side (depending on assembly from the outside or the inside). Lockable edition can be supplied (simultaneous locking, including 2 keys).

Catch lock simultaneous locking

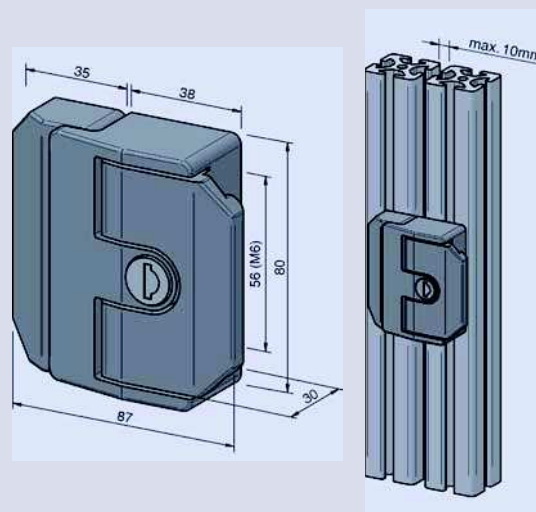
ORDER N°. FALLGLE

ZDc/black m=568g/pc.

Catch lock different locking

ORDER N°. FALVER

ZDc/black m=568g/pc.



Catch lock PROe

ORDER N°. FALVERPROE

ZD-AL/black powder coated m = 380g/pc.

For locking doors and flaps easily and securely; installation without mechanical machining; in locked mode, the unit cannot be dismantled; M12 plug, 8-pole, for doors hinged right/left, plug outlet at top or bottom; system voltage 24 V; UL certified, tested to B6; safety class category 4, Ple.

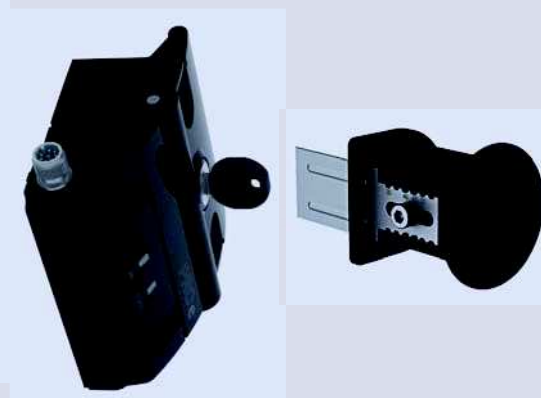
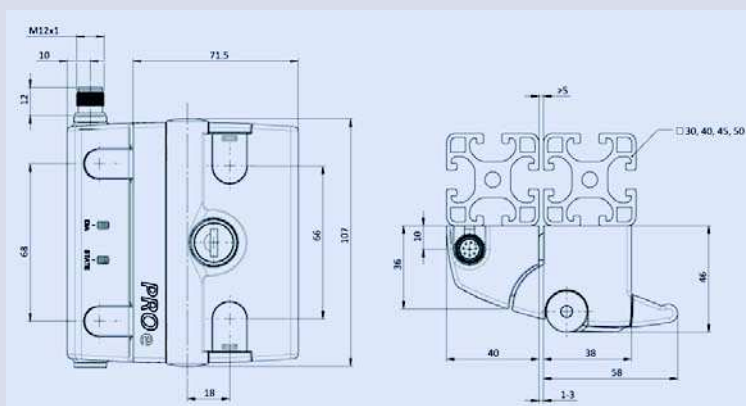
Emergency opener for Catch lock PROe

ORDER N°. NOTFALVERPROE

Basic element/push button: PA / black

Unlocking bolt: steel m=110g/pc.

This emergency opener is used for emergency release from the rear.



ACCESSORIES 8

Uniblock 8 30 10mm PA

ORDER N°. UNI8.10PA

PA/black m=9g/pc. Fmax=200N

Distance plate for uniblock 2 mm

ORDER N°. DISUNI2

PA/black m=1g/pc.

Distance plate for uniblock 3 mm

ORDER N°. DISUNI3

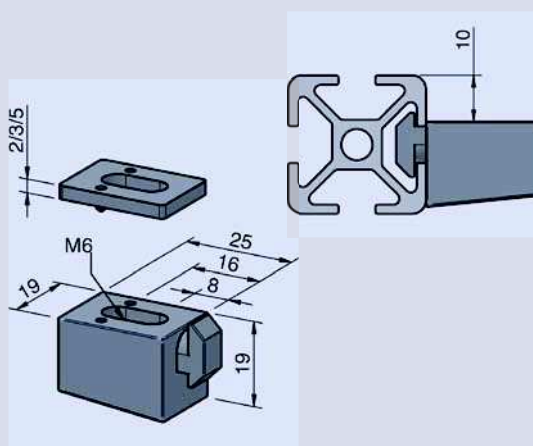
PA/black m=2g/pc.

Distance plate for uniblock 5 mm

ORDER N°. DISUNI5

PA/black m=3g/pc.

Universal attachment piece for surfaces and smaller attachments of Profile Range 8 30. Attach by pressing into the profile groove and then turning by 90°. The distance plates (various thicknesses) can be plugged in and are self-fixing and can be used to set the distance between the surface element and the profile edge.



Uniblock 8mm PA

ORDER N°. UNI8PA

PA/black m=10g/pc. Fmax=250N

Uniblock 12mm PA

ORDER N°. UNI12PA

PA/black m=10g/pc. Fmax=250N

Distance plate for uniblock 2 mm

ORDER N°. DISUNI2

PA/black m=1g/pc.

Distance plate for uniblock 3 mm

ORDER N°. DISUNI3

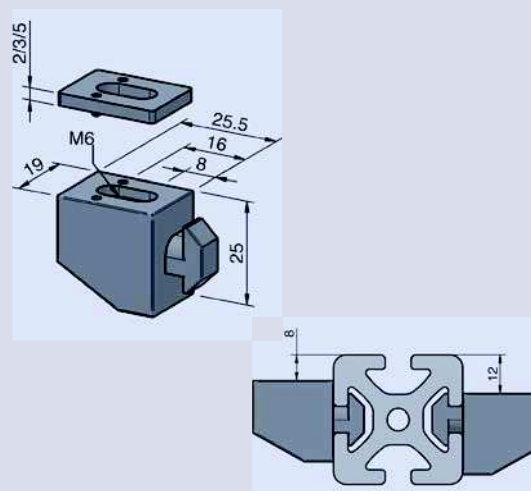
PA/black m=2g/pc.

Distance plate for uniblock 5 mm

ORDER N°. DISUNI5

PA/black m=3g/pc.

Universal attachment piece for surfaces and smaller attachments. Attach by pressing into profile groove and turning by 90°. The distance plates (various thicknesses) can be plugged in and are self-fixing and can be used to set the distance between the surface element and profile edge.



ACCESSORIES 8

ALVÁRIS
PROFILE SYSTEMS

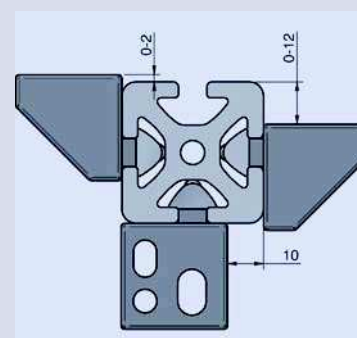
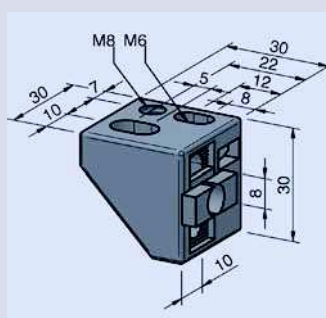
Uniblock ZN

ZDc/black m=10g/pc. Fmax=1000N

Scope of delivery:

- 1 Basic element ZDc black
- 1 Anti-twist device ZDc black

Universal fixing element for field elements and heavy attachments. Fixing elements are fitted to the profile groove using screws and sliding blocks. The distance to the profile edge can be adjusted via millimetre grid. The grid component also serves to prevent any twisting.



Multiblock PA M6

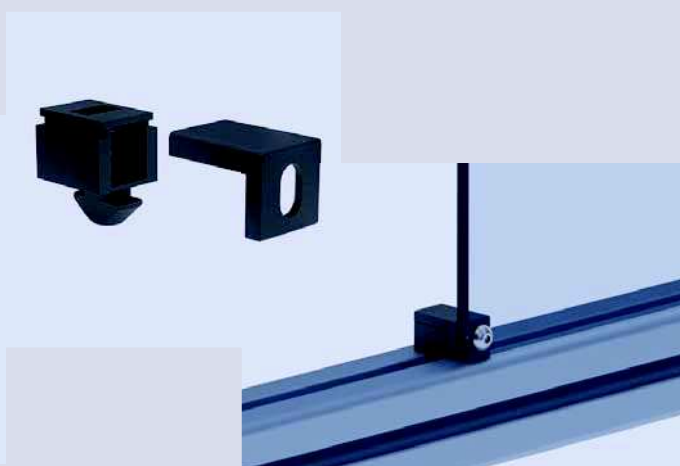
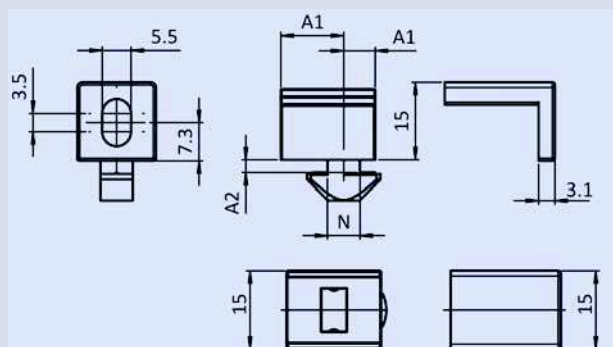
ORDER N°. MULPAM6

PA/black m=13g/pc.

Scope of delivery:

- | | |
|---|------------------------|
| 1 | Basic element PA black |
| 1 | Angle support PA black |

Fixing block for fixing field elements of different thicknesses. The Basic element is attached by inserting it into the profile groove and turning it by 90°.



ACCESSORIES 8

Clamping–Multiblock 8 30 11mm PA

ORDER N°. KLEMUL8.11PA

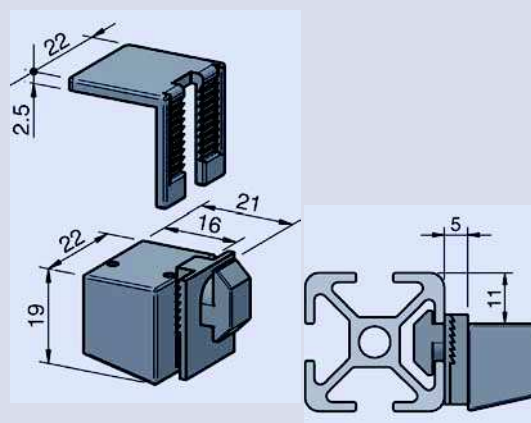
PA/black m=8g/pc. Fmax=200N

Scope of delivery:

1 Basic element PA black

1 Angle support PA black

Attachment element for surfaces of different thicknesses matching Profile Range 8 30. Attach by pressing into the profile groove and then turning by 90°. The surface element is fixed by pressing the grid bracket. This is also why pre-cut parts can be built in without any extra work.



Clamping–Multiblock 8mm PA

ORDER N°. KLEMUL8PA

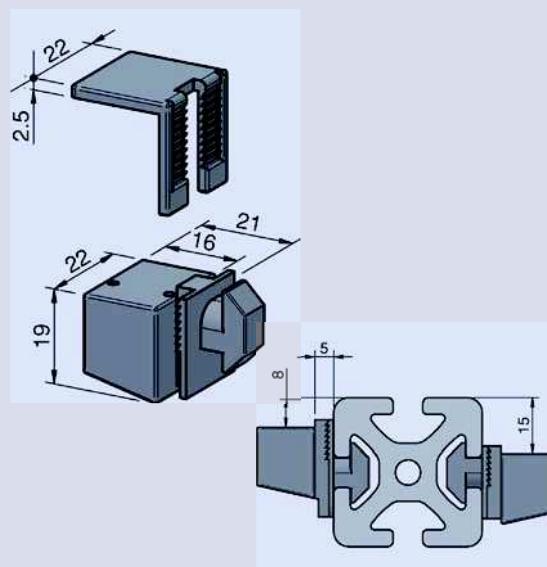
PA/black m=8g/pc. Fmax=250N

Scope of delivery:

1 Basic element PA black

1 Angle support PA black

Attachment element for surfaces of different thicknesses. Attach by pressing into profile groove and turning by 90°. The surface element is attached by pressing the grid bracket. It is therefore possible to build in precut parts without extra work.



Clamping–Multiblock 15mm PA

ORDER N°. KLEMUL15PA

PA/black m=8g/pc. Fmax=250N

Scope of delivery:

1 Basic element PA black

1 Angle support PA black

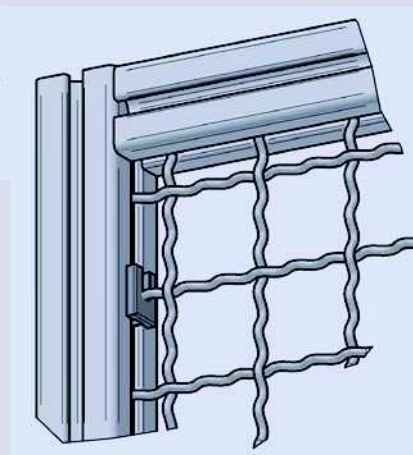
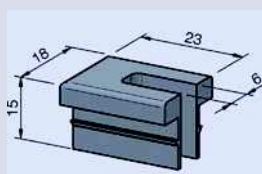


Grid holder 4mm

ORDER N°. GIT4

PA/black m=3g/pc.

Element for fixing wave grids with 4 mm wire thickness. This element can be used after the assembly of the grid in the profile groove 8. It fixes the grid in the groove and prevents the grid from clattering.



Holder for surface element

ORDER N°. HALFLAE

ZDc / grey m=74g/pc.

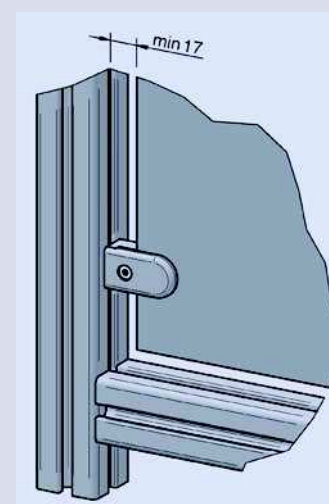
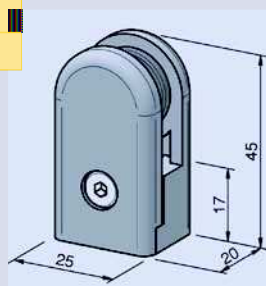
Scope of delivery:

1 Basic element ZDc

1 Cylinder head screw M5x16 galvanised

5 Distance rubbers, black

Element for affixing surface elements which are not enclosed by profiles. The clamping occurs using rubber plates so that also glass plates can be fixed.



ACCESSORIES 8

Roller PA

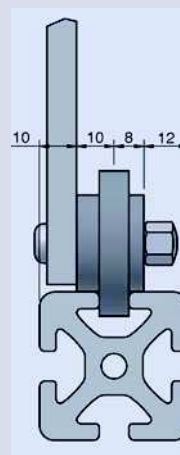
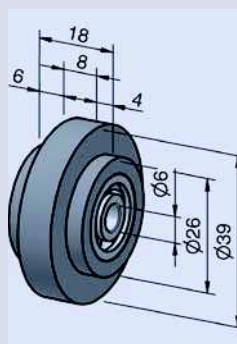
ORDER N°. ROLPA

PA/black m=31g/pc. Fmax=150N

Scope of delivery:

- 1 Basic element PA black
- 2 Grooved ball bearing sealed steel

Universally applicable wheel that is guided into profile grooves. Its asymmetrical construction means that different types of construction are possible. It is mostly used for sliding doors or lift doors of a light construction. The doors can be used without profile frames by assembling the wheels directly on to the surface element.



Sliding door guide set 8/8

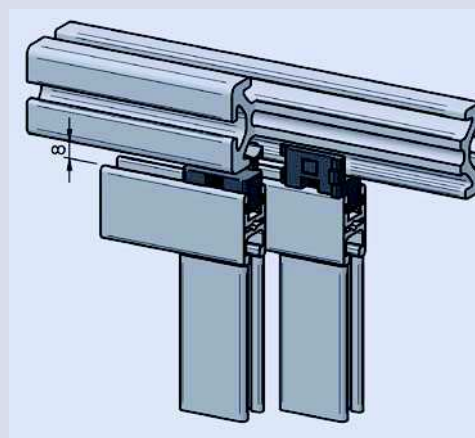
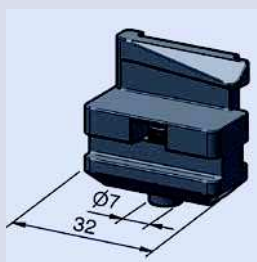
ORDER N°. SCHFUEHSTZ88

POM/black m=24g/pc.

Scope of delivery:

- 4 Basic elements PA black (2x right, 2x left)

Gliding element for the construction of sliding doors when using the clamp profile 32 x 18.



ACCESSORIES 8

ALVÁRIS
PROFILE SYSTEMS



T-Slot slider 8 80x40

ORDER N°. GLESCHFUEH88040

POM/black m=101g/pc.

Scope of delivery:

1 T-slot slider ZDc

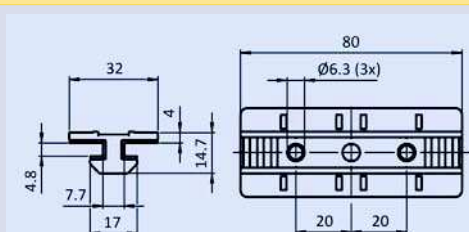
2 Sliding shoes POM black

2 Half-round screw M5 x 25

2 O-rings DIN 3771 5x1.5

2 Sliding block groove, 8 M5

To be used as sliding blocks in profiles with groove 8.



Safety Hanger 8

ORDER N°. SIAUF8

Steel/galvanised m=992g/Set

Scope of delivery:

2 Support brackets, steel galvanised

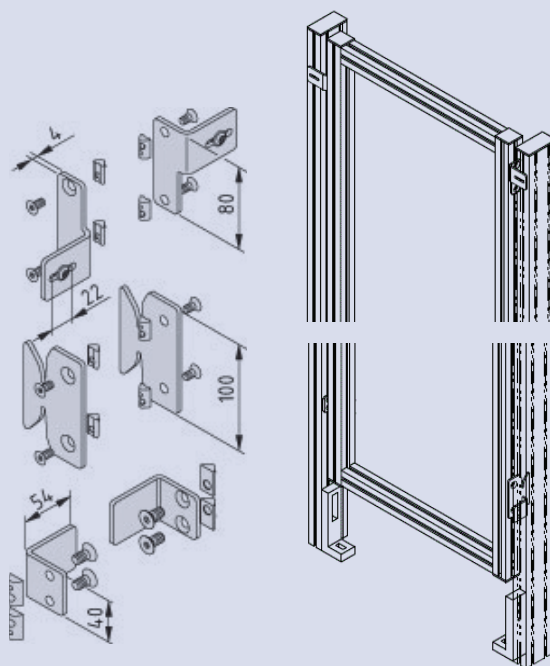
2 Support hooks, steel galvanised

2 Angle, steel galvanised

12 Sliding block St M8

12 Security bolt M8x16 St

This safety hanger is used for attaching safety fence fields to the stands of our ALU 40 safety fence series



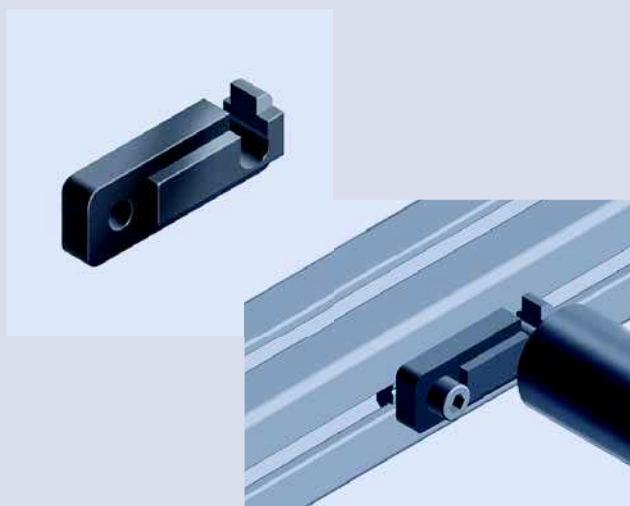
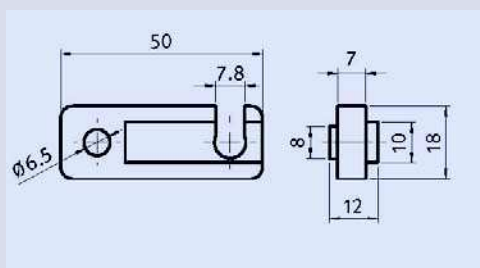
ACCESSORIES 8

Roller holder

ORDER N°. ROLLENHALTER

PA/black m=8g/pc.

Holder for fitting castors to aluminium profiles. Castors can be replaced without dismantling the profiles.



Roller element with lateral guide

ORDER N°. ROLLELEMMSF

PA/black m=43,3g/pc.

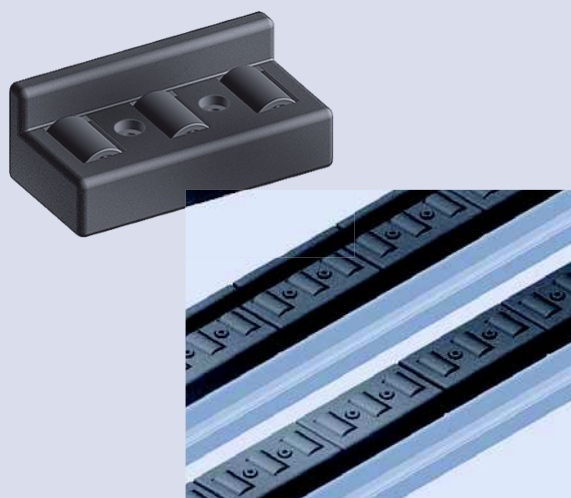
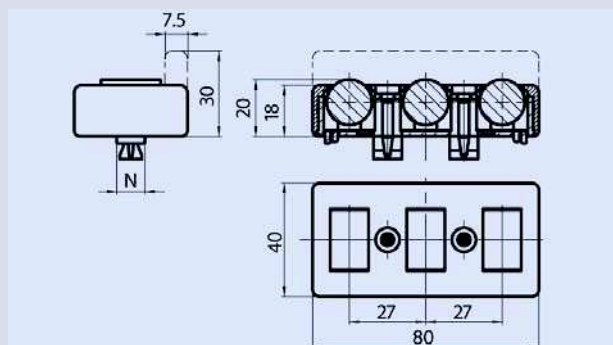
Scope of delivery:

1 Casing: PA black, glass-ball reinforced

3 Roller: POM black

2 Cylinder head screw DIN 7984 M5x25

For the assembly of roller conveyors of any length and width. Conveyed goods cannot move sideways due to the lateral guides.





Roller element without lateral guide

ORDER N°. ROLLELEMOSE

PA/black m=41,2g/pc.

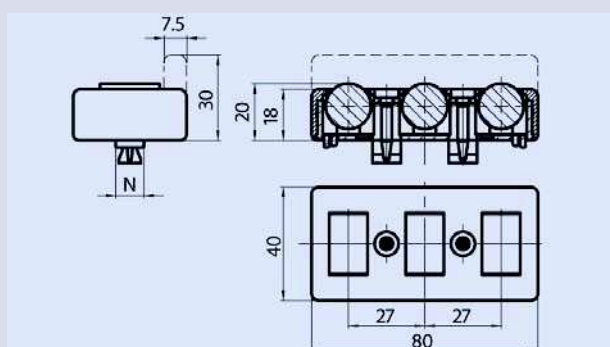
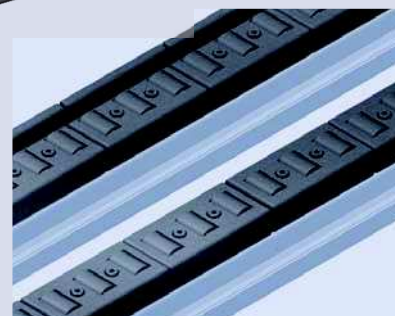
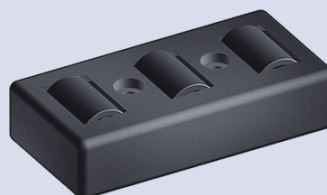
Scope of delivery:

1 Casing: PA black, glass-ball reinforced

3 Roller: POM black

2 Cylinder head screw DIN 7984 M5x25

For the assembly of roller conveyors of any length and width.



Tool carriages 15 PA

ORDER N°. WERPA

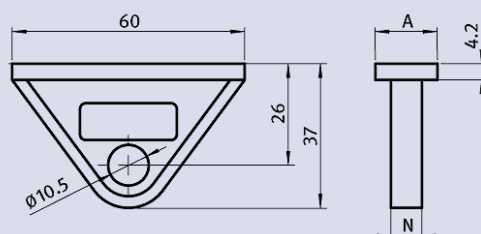
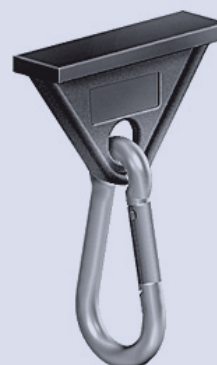
PA/black m=9g/pc.

Gliding element with holder hole for tools, device balancers and the likes Gliding guides in the profile groove.

Tool carriages 16 PA

ORDER N°. WER16PA

PA/black m=9g/pc.



ACCESSORIES 8

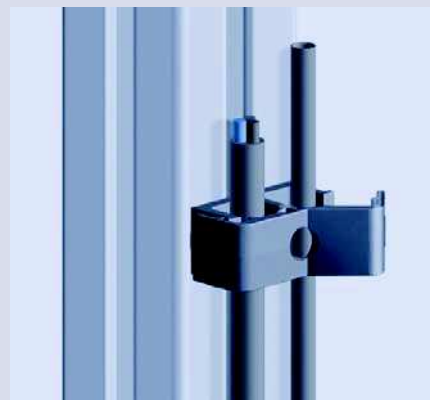
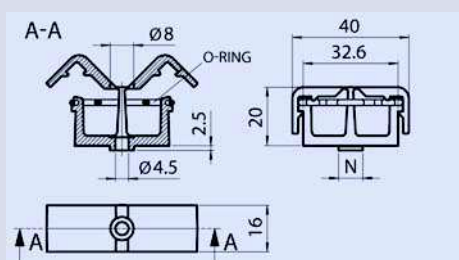
Cable ties / hose retainer

ORDER N°. KABSCH8

PA/black m=7g/pc.

O-Ring black

For attaching cables without an additional cable tie; can be opened and closed.

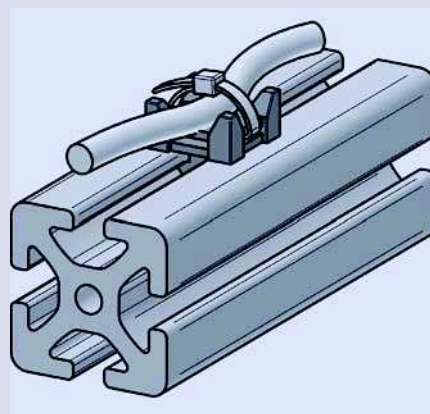
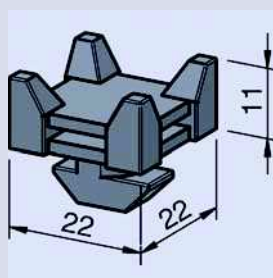


Cable-binding block PA

ORDER N°. KABPA

PA/black m=5g/pc.

Attachment element for hoses and cables. Attach by pressing into the profile groove and then turning by 90°. Cables and hoses are attached by using cable ties.



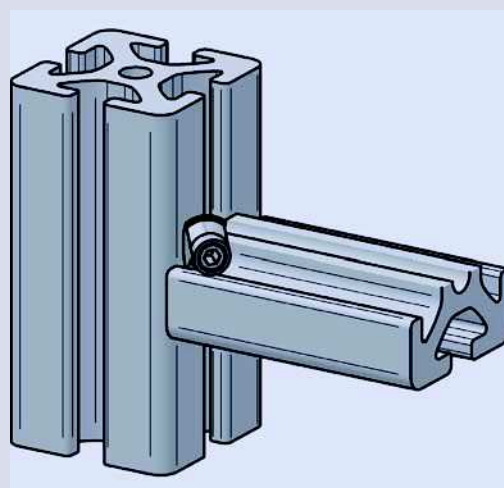
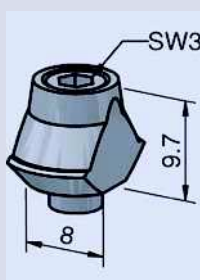


Potential equalization

ORDER N°. POTE

Steel/galvanised m=4.7g/pc.

The element produces an electrical, conducting connection within the profile construction. On constructing this element, the protective layer of Eloxal is destroyed and therefore has a neutralizing effect on the charge potential.

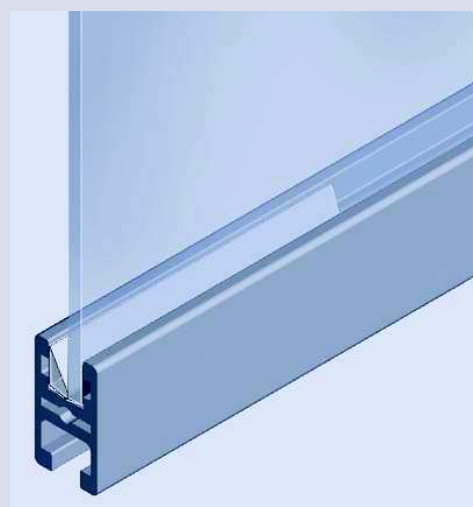
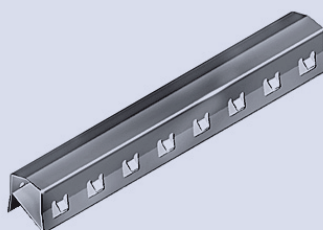
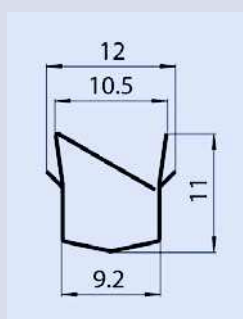


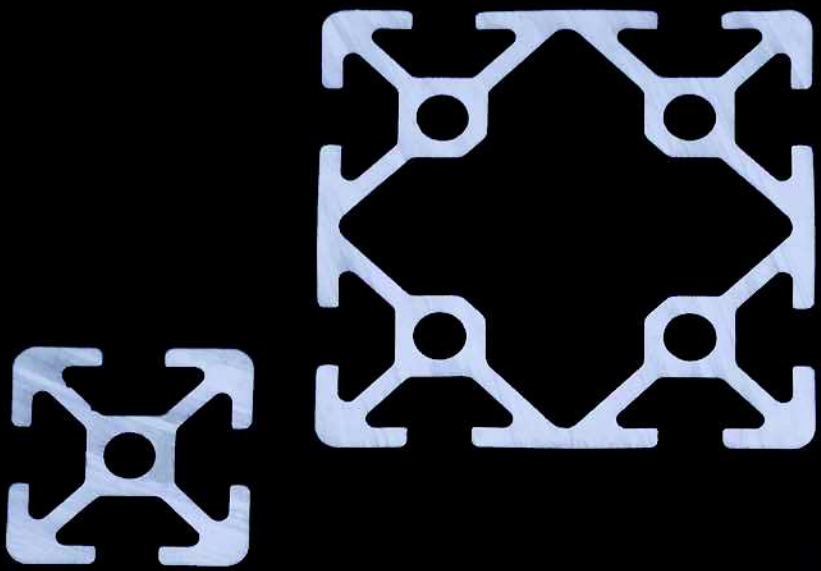
Clamping spring steel

ORDER N°. KLEST

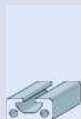
Stainless steel 1.4305 m=4 g/pc. L=80mm

For attaching field elements of between 2 and 9 mm thickness in the groove. Suitable for clamping profile 32x18.





PROFILE RANGE 5



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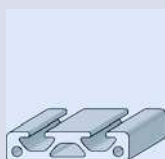
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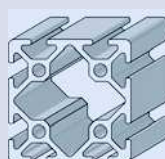
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PROFILE RANGE 5

ALVÁRIS
PROFILE SYSTEMS

Profile 5 20x10

ORDER N°. PRO5.2010

L=6000+10/-5mm

m=0,35kg/m

A=1,28cm²

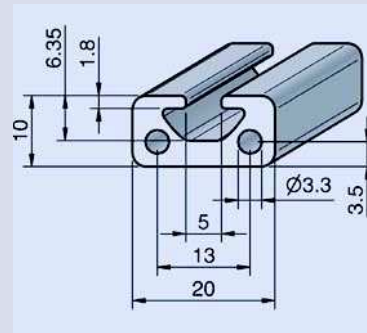
W_x=0,22cm³

W_y=0,53cm³

I_x=0,12cm⁴

I_y=0,53cm⁴

Flat profile for handles, edge strips and various attachments.



Profile 5 20x20

ORDER N°. PRO5.2020

L=6000+10/-5mm

m=0,48kg/m

A=1,80cm²

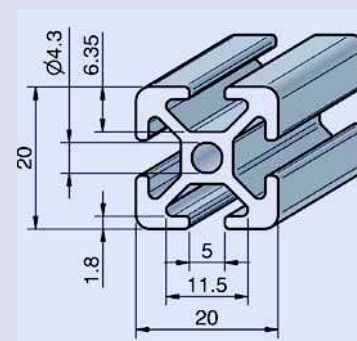
W_x=0,74cm³

W_y=0,74cm³

I_x=0,74cm⁴

I_y=0,74cm⁴

Profile for general, compact and cost-effective constructions. Can be combined with Range 8. For corresponding system modules see Accessories Range 5.



Profile 5 20x20 1N

ORDER N°. PRO5.20201N

L=6000+10/-5mm

m=0,50kg/m

A=1,85cm²

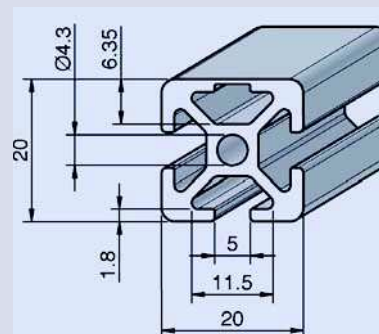
W_x=0,74cm³

W_y=0,74cm³

I_x=0,74cm⁴

I_y=0,77cm⁴

Profile for general, compact and cost-effective constructions. Can be combined with Range 8. For corresponding system modules see Accessories Range 5.



PROFILE RANGE 5



Profile 5 20x20 2N 90°

ORDER N°. PRO5.20202N90

L=6000+10/-5mm

m=0,51kg/m

A=1,91cm²

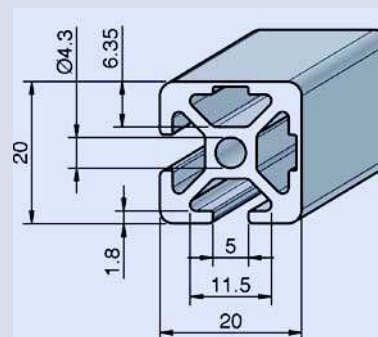
W_x=0,76cm³

W_y=0,76cm³

I_x=0,78cm⁴

I_y=0,78cm⁴

Profile for general, compact and cost-effective constructions. Can be combined with Range 8. For corresponding system modules see Accessories Range 5.



Profile 5 R20 90°

ORDER N°. PRO5.R2090

L=6000+10/-5mm

m=0,46kg/m

A=1,71cm²

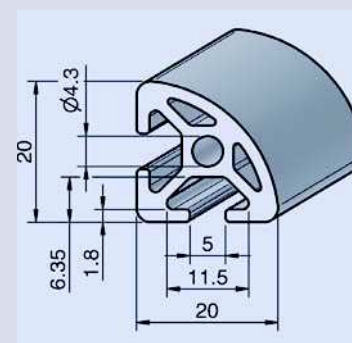
W_x=0,54cm³

W_y=0,54cm³

I_x=0,59cm⁴

I_y=0,59cm⁴

Round profile for covering caps, tables and shelving parts.



PROFILE RANGE 5

ALVÁRIS
PROFILE SYSTEMS

Profile 5 40x10

ORDER N°. PRO5.4010

L=6000+10/-5mm

m=0,63kg/m

A=2,34cm²

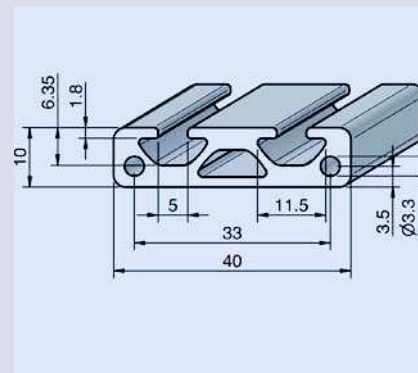
W_x=0,45cm³

W_y=1,80cm³

I_x=0,24cm⁴

I_y=3,59cm⁴

Flat profile for handles, edge strips and various attachments.



Profile 5 40x20

ORDER N°. PRO5.4020

L=6000+10/-5mm

m=0,87kg/m

A=3,22cm²

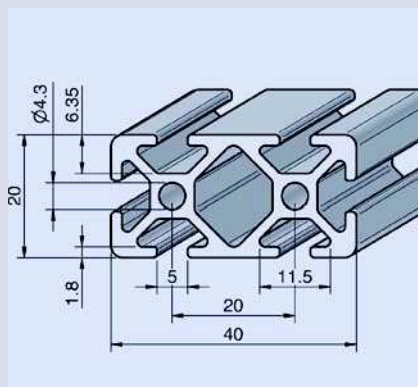
W_x=1,39cm³

W_y=2,53cm³

I_x=1,39cm⁴

I_y=5,16cm⁴

Profile for general, compact and cost-effective constructions. Can be combined with Range 8. For corresponding system modules see Accessories Range 5.



PROFILE RANGE 5



Profile 5 40x40

ORDER N°. PRO5.4040

L=6000+10/-5mm

m=1,33kg/m

A=4,94cm²

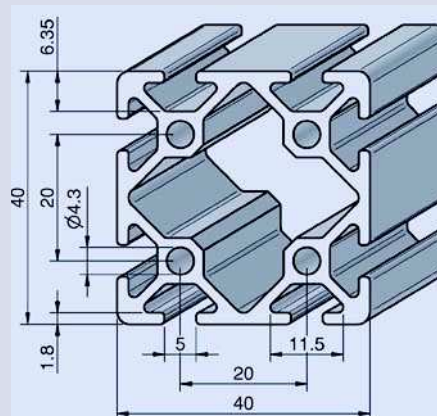
W_x=4,53cm³

W_y=4,53cm³

I_x=9,16cm⁴

I_y=9,16cm⁴

Profile for general, compact and cost-effective constructions. Can be combined with Range 8. For corresponding system modules see Accessories Range 5.



Profile 5 80x20

ORDER N°. PRO5.8020

L=6000+10/-5mm

m=1,67kg/m

A=6,06cm²

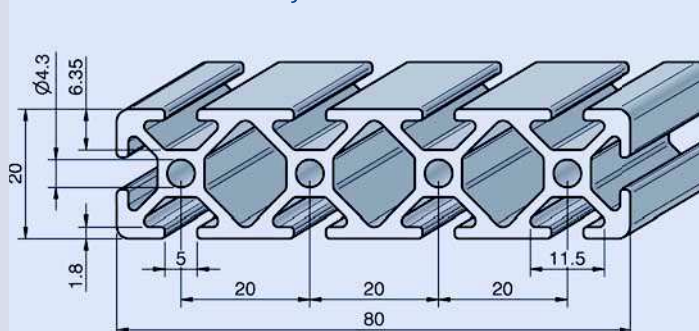
W_x=2,68cm³

W_y=8,95cm³

I_x=2,68cm⁴

I_y=35,80cm⁴

Profile for general, compact and cost-effective constructions. Can be combined with Range 8. The closed cavity can function as compressed air piping. For corresponding system modules see Accessories Range 5.





ACCESSORIES 5



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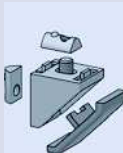
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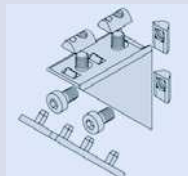
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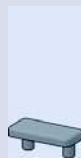
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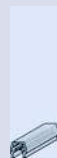
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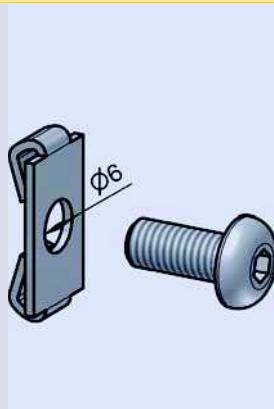
Central plate set 5

ORDER N°. ZENSTZ5.

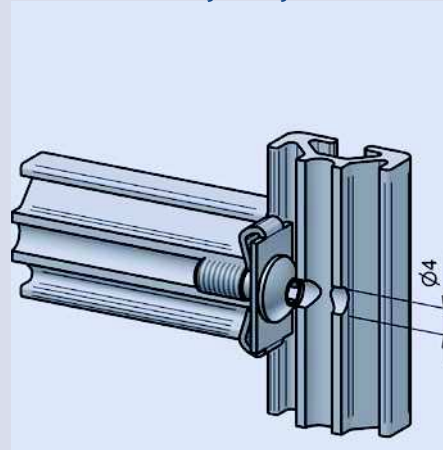
Steel/galvanised m=4g/pc.

Scope of delivery:

- 1 Basic element Steel galvanised
- 1 Half-round screw M5x12 Steel galvanised



Non-positive profile connector. Easy to use and little outlay (screws / through-drill) for both of these connecting profiles. The type of connection cannot be retrospectively built into an existing frame construction and there is only minimal room for play. The recommended tightening force is 4.5 Nm.



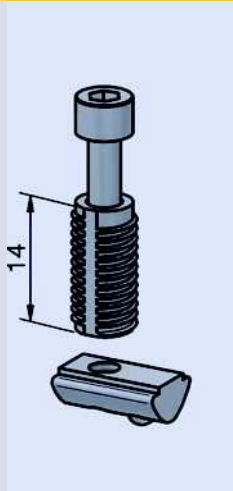
Screw in connector set 5

ORDER N°. EINSTZ5.

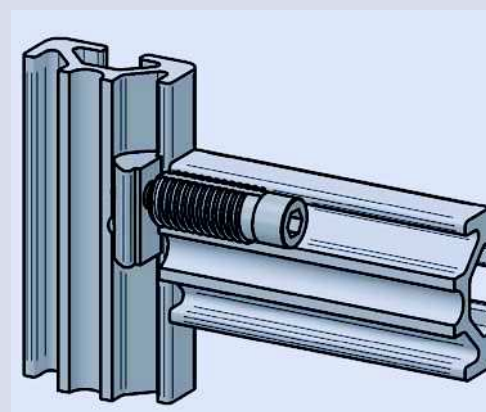
Steel/galvanised m=6g/pc. Fmax=250N

Scope of delivery:

- 1 Basic element Steel galvanised
- 1 Cylinder head screw M5 special Steel galvanised
- 1 roove stone 5 M4 with base Steel galvanised



Force-fit self securing profile connector. Simple application and lowest processing effort (no machining necessary). The profiles can be set continuously in their locations and can also subsequently be built into existing constructions. This connection technique is very often used with on location assembly. The recommended tightening torque is 3 Nm.





Universal Connector set 5

ORDER N°. UNISTZ5.

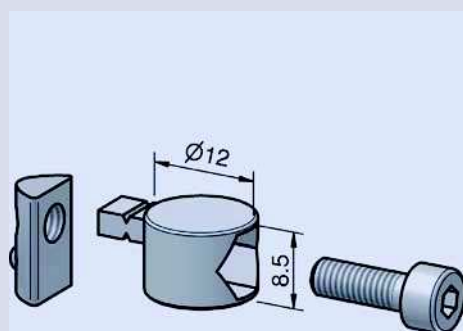
ZDc/galvanised m=7g/pc.

Scope of delivery:

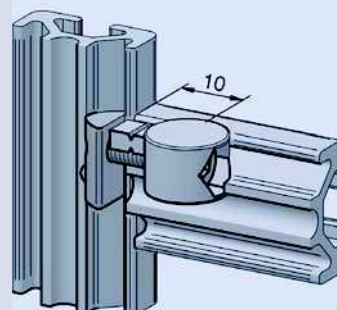
1 Basic element ZDc

1 Cylinder head screw M4x14 Steel galvanised

1 Sliding block 5 M4 Steel galvanised



Non-positive profile connector. Easy to use and little outlay (variable drilling in one of the connecting profiles). The profiles can be variably set in their positions and can be retrospectively built into existing constructions. To guarantee an optimal fastening hold, these connectors should always be built in pairs. Twisting protection can be interrupted. The recommended tightening force is 3 Nm.



Universal butt connector set 5

ORDER N°. UNISTOSTZ5.

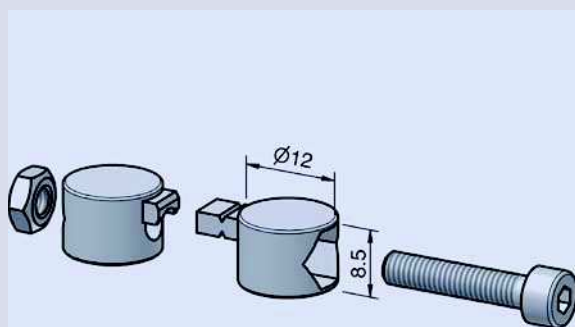
ZDc/galvanised m=10g/pc.

Scope of delivery:

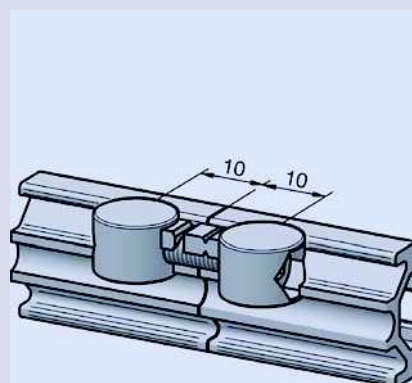
2 Basic element ZDc

1 Cylinder head screw M4x20 Steel galvanised

1 Hexagon nut M4 Steel galvanised



Non-positive profile/joint connector. Simple to use and little outlay (only one drill per profile). These connectors are used if the profile production length is not enough and a joint proves unavoidable. To guarantee an optimal fastening hold, these connectors should be built in pairs. The recommended tightening force is 3 Nm.



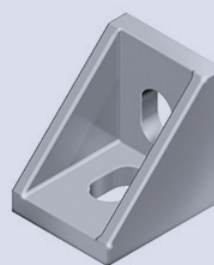
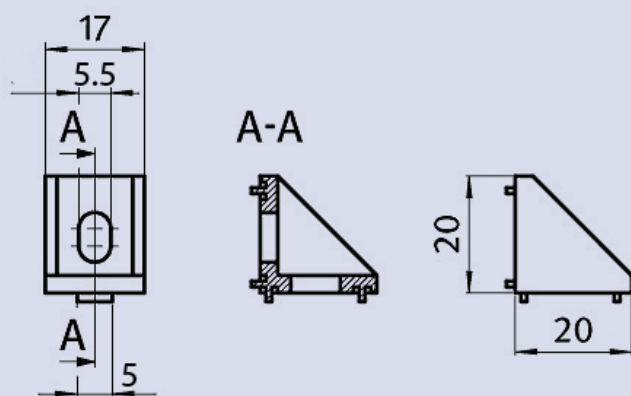
ACCESSORIES 5

Angle 5 20x20 Zn

ORDER N°. WIN5.2020ZN

ZDc m=13g/pc.

Angle for non-positive reinforcement of profile connections and for attaching components to profile constructions. When assembling surfaces the groove ledgers can be broken off.



Angle set 5 20x20 Zn

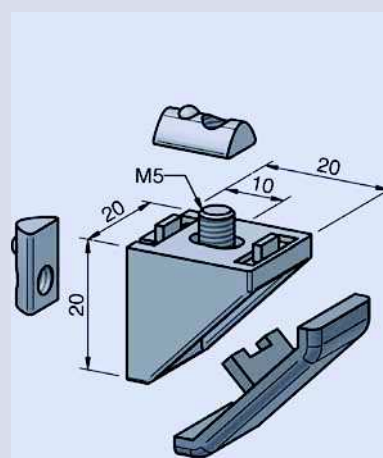
ORDER N°. WINSTZ5.2020ZN

ZDc m=23g/pc.

Scope of delivery:

- 1 Angle 5 20x20 Zn
- 2 Half-round screw M5x8 Steel galvanised
- 2 Sliding block 5 M5 Steel galvanised
- 1 Covering cap for angle 5 20x20 PA black

Angle for non-positive reinforcement of profile connections and for attaching components to profile constructions. When assembling surfaces the groove ledgers can be broken off.



ACCESSORIES 5



Connector set 5 R20 90°

ORDER N°. VERSTZ5.R2090

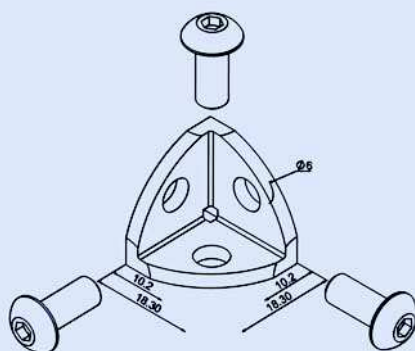
ZDc bright m=21g/pc.

Scope of delivery

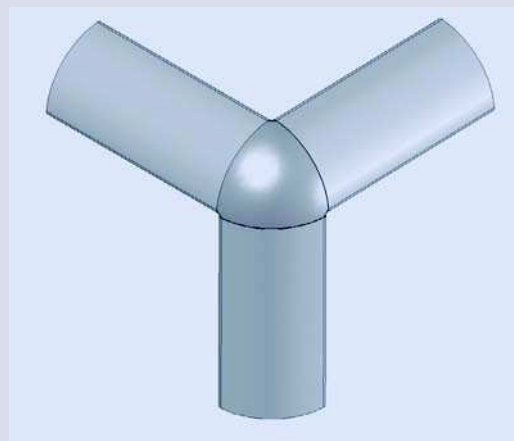
1 Angle 5 R20 90°

3 Half-round screw M5x12 Steel galvanised

1 Angle-Covering cap 5 20 90° PA black



Element for connecting nodes of up to three same profiles. The special covering cap is used to cover all profile ends therefore improving the appearance and twist-safety of the connections.



Angle set 5 40x40 Zn

ORDER N°. WINSTZ5.2020ZN

ZDc m=58g/pc.

Scope of delivery:

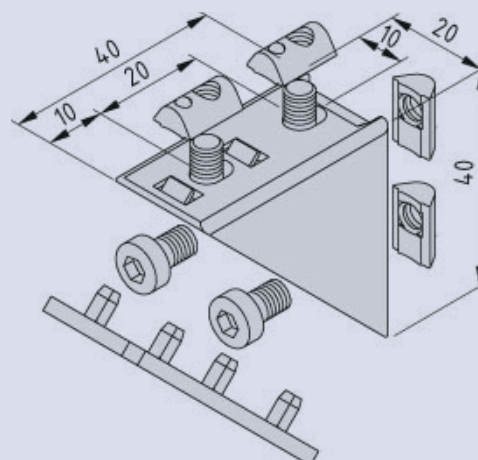
1 Angle 5 40x40 Zn

4 Half-round screw M5x8 Steel galvanised

4 Sliding block 5 M5 Steel galvanised

1 Covering cap for angle 5 40x40 PA black

Angle for non-positive reinforcement of profile connections and for attaching components to profile constructions. When assembling surfaces the groove ledgers can be broken off.



Sliding block 5 M3 steel

ORDER N°. NUT5.M3ST

Steel/galvanised m=2g/pc.

Universal sliding attachment element. The sliding block can be slewed in at any point along the profile groove. Self-fixing through spring-mounted ball.

Sliding block 5 M4 steel

ORDER N°. NUT5.M4ST

Steel/galvanised m=2g/pc.

Sliding block 5 M5 steel

ORDER N°. NUT5.M5ST

Steel/galvanised m=2g/pc.



Sliding block 5 M3 steel with ridge

ORDER N°. NUT5.M3STS

Steel/galvanised m=2g/pc.

Universal sliding connection element with ridge for automatic positioning which guarantees an optimal bearing surface and prevents it from falling out when adjustments are made. The sliding block can be slewed in at any point along the groove. Self-fixing through spring-mounted ball.

Sliding block 5 M4 steel with ridge

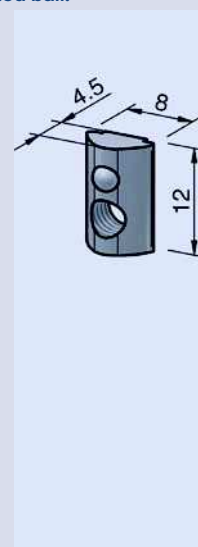
ORDER N°. NUT5.M4STS

Steel/galvanised m=2g/pc.

Sliding block 5 M5 steel with ridge

ORDER N°. NUT5.M5STS

Steel/galvanised m=2g/pc.





Covering cap 5 20x10

ORDER N°. ABD5.2010

PA/black m=0,6g/pc.

Covering cap 5 20x20

ORDER N°. ABD5.2020

PA/black m=1,2g/pc.

Covering cap 5 40x10

ORDER N°. ABD5.4010

PA/black m=1g/pc.

Covering cap 5 40x20

ORDER N°. ABD5.4020

PA/black m=2,2g/pc.

Covering cap 5 40x40

ORDER N°. ABD5.4040

PA/black m=5g/pc.

Covering cap 5 80x20

ORDER N°. ABD5.8020

PA/black m=4,4g/pc.

Covering cap 5 R20 90°

ORDER N°. ABD5.R2090

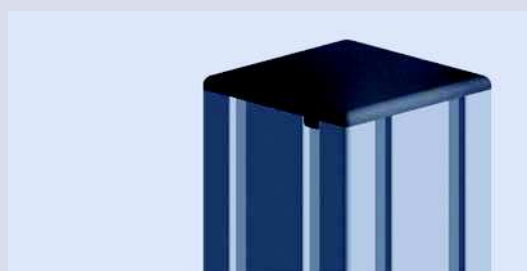
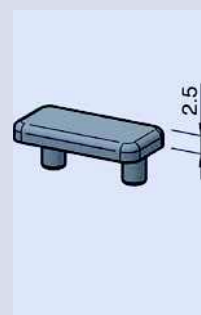
PA/black m=1g/pc.

Covering cap for boring 5 mm silver

ORDER N°. ABDBOH5

PA/silver (RAL9006) m=1g/pc.

Profile cap rounded off on front side. Prevents dirt from entering, avoids injuries/cuts and is also a decorative end to the profile cap. Deburring the cut edge of the profile is unnecessary. Attach by pressing onto profile face.



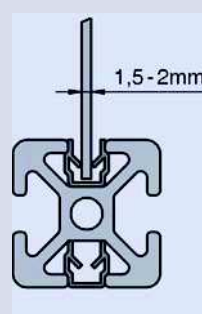
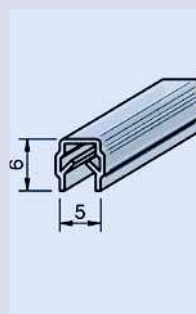
ACCESSORIES 5

Covering-/Bordering profile 5 PP natural

ORDER N°. ABDEIN5.PPN

PP/natural m=13,5g/m

1.5mm to 2mm thick plastic element to cover profile groove or to form the edge of surfaces. Assembled by pressing into profile groove.



Covering-/Bordering profile 5 PP black

ORDER N°. ABDEIN5.PPS

PP/black m=13,5g/m

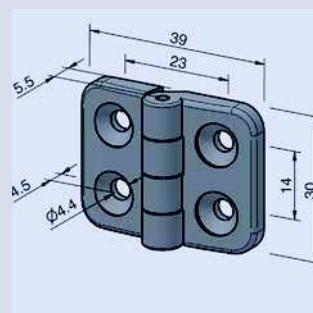
Hinge 5 PA

ORDER N°. SCH5.PA

PA/black m=8g/pc. F_{Amax}=200N

F_{rmax}=400N

Plastic hinge that cannot be unhinged; for small doors and movable attachments. Can be used on left and right side.



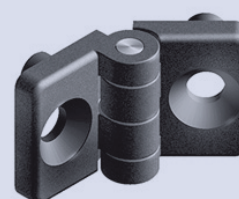
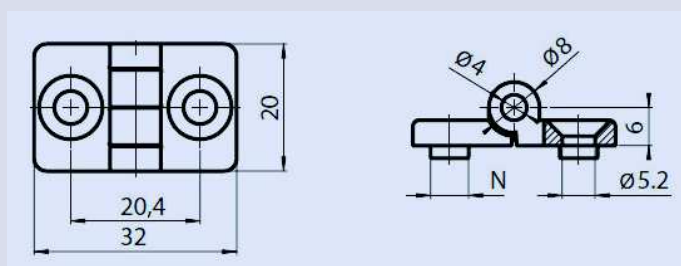


Hinge 5 PA 2-bolt mounting system

ORDER N°. SCH5.PALOC20

| | | |
|----------|------------|------------|
| PA/black | m = 5g/pc. | FMax=240N |
| | | FRmax=300N |

Plastic hinge that cannot be unhinged; for small doors and movable attachments. Can be used on left and right side.



Foot 5 20 M5x25

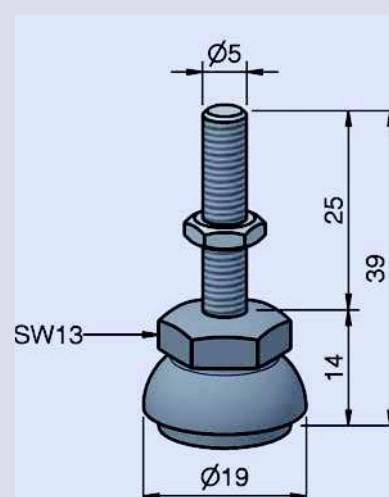
ORDER N°. STE5.20M525

| | | |
|----------|----------|------------|
| PA/black | m=8g/pc. | Fmax=1000N |
|----------|----------|------------|

Scope of delivery:

- 1 Basic element PA black
- 1 Threaded bolt for foot M5 Steel galvanised
- 1 Hexagon nut M5 Steel galvanised

Infinitely variable height adjustable small foot without tilting correction but with glued-on anti-slip pad.



ACCESSORIES 5

Uniblock 5 6 mm PA

ORDER N°. UNI5.6PA

PA/black m=3g/pc. Fmax=150N

Distance plate for uniblock 5 1 mm

ORDER N°. DISUNI5.1

PA/black m=0,5g/pc.

Distance plate for uniblock 5 2 mm

ORDER N°. DISUNI5.2

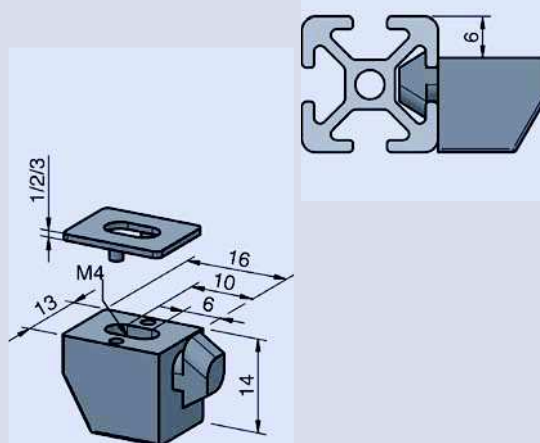
PA/black m=1g/pc.

Distance plate for uniblock 5 3 mm

ORDER N°. DISUNI5.3

PA/black m=1,5g/pc.

Universal attachment piece for surfaces and smaller attachments. Attach by pressing into profile groove and turning by 90°. The distance plates (various thicknesses) can be plugged in and are self-fixing and can be used to set the distance between the surface element and profile edge.



Clamping-Multiblock 5 6 mm PA

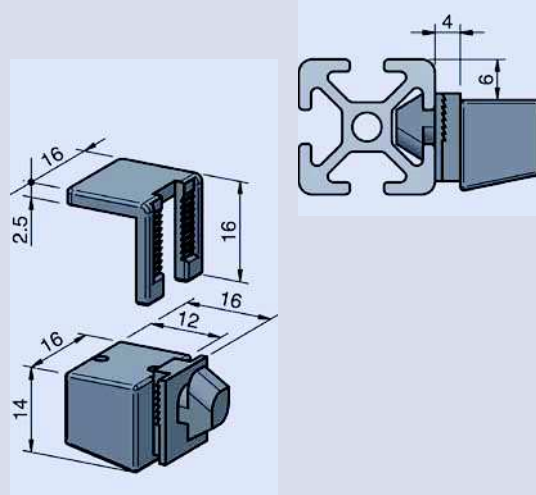
ORDER N°. KLEMUL5.6PA

PA/black m=3g/pc. Fmax=150N

Scope of delivery:

- 1 Basic element PA black
- 1 Angle support PA black

Attachment element for surfaces of different thicknesses. Attach by pressing into profile groove and turning by 90°. The surface element is attached by pressing the grid bracket. It is therefore possible to build in precut parts without extra work.



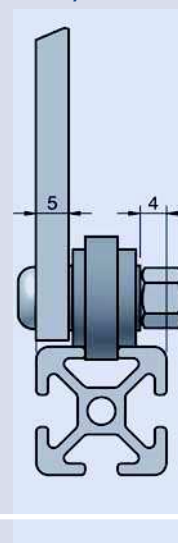
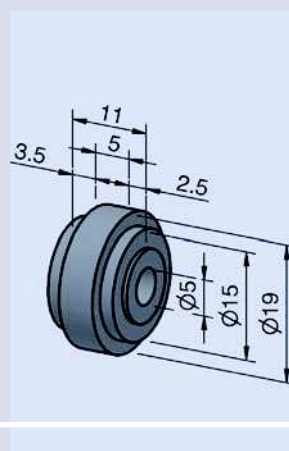


Roller 5 PA

ORDER N°. ROL5.PA

PA/black m=5g/pc. Fmax=50N

Universally applicable wheel that is guided into profile grooves. Its asymmetrical construction means that different types of construction are possible. It is mostly used for sliding doors or lift doors of a light construction. The doors can be used without profile frames by assembling the wheels directly on to the surface element.



Half-round screw M5x8

ORDER N°. HALM58

Steel 10.9/galvanised m=2g/pc.

Half-round screw M5x12

ORDER N°. HALM512

Steel 10.9/galvanised m=2g/pc.

Half-round screw M5x12 stainless steel

ORDER N°. HALM512ROS

Stainless steel m=2g/pc.

Half-round screw M5x16

ORDER N°. HALM516

Steel 10.9/galvanised m=3g/pc.

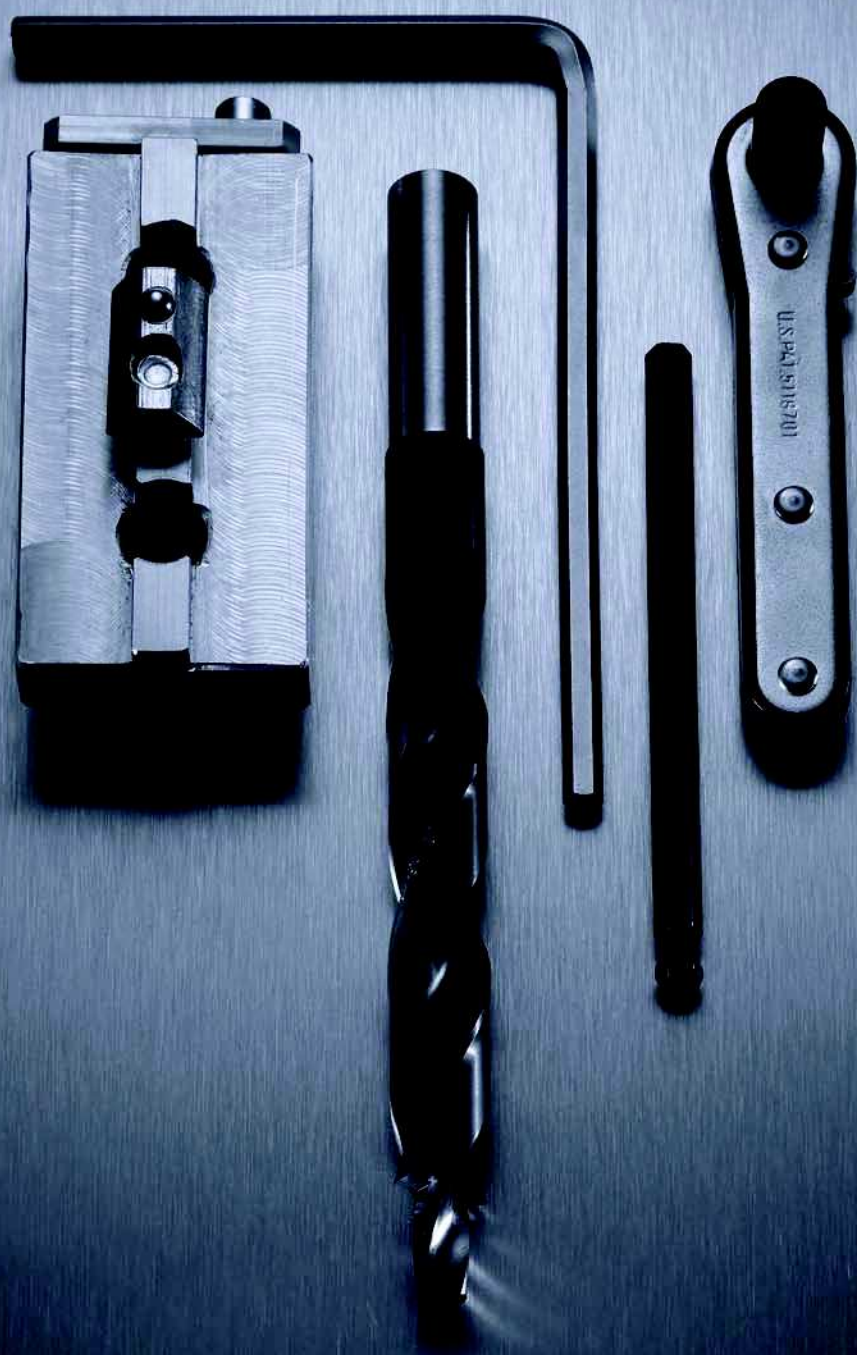
Half-round screw M5x20

ORDER N°. HALM520

Steel 10.9/galvanised m=3g/pc.

Recommended screw form for most connection types. Other dimensions are available on request.



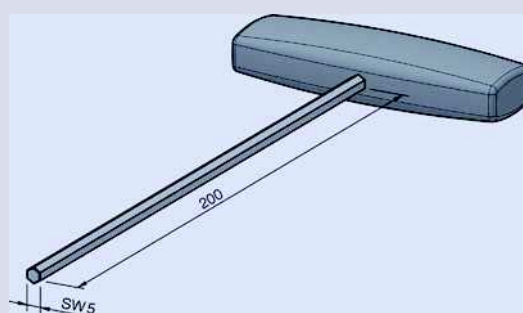




Hexagon screwdriver SW5 with T-handle

ORDER N°. SECSW5QUE

These screwdrivers are specially adjusted to match the section catch in their specification. They make it easier to tighten the screws and in the process guarantee optimal connection fastness. For screws which are tightened by a section bolt the pivoting angle can be halved (30°) by using both arms of the Allen key*.

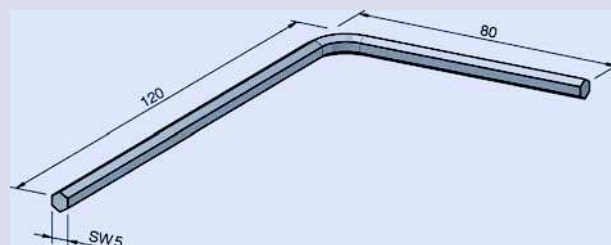


Allen key* Hexagon screwdriver SW5

ORDER N°. WINSECSW5

Allen key* Hexagon screwdriver SW6

ORDER N°. WINSECSW6



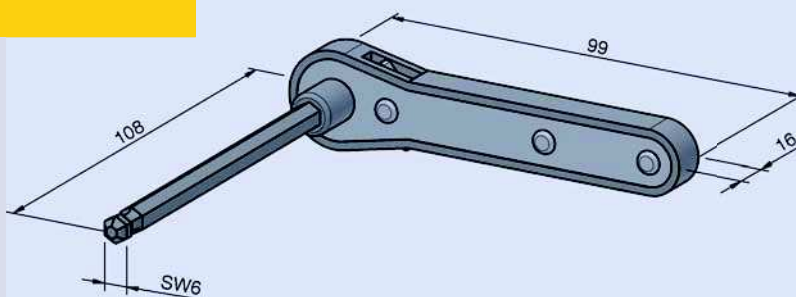
Ratchet SW 5mm incl. bit key 5mm

ORDER N°. RATSW5

With this tool, the connector sets 40 and 80 can be quickly and efficiently assembled. The plastic coated grip saves the profile groove during assembly.

Ratchet SW 6mm incl. bit key 6mm

ORDER N°. RATSW6



Twist drill for connection set 40/80

ORDER N°. STUVERSTZ4080

The special specification enables simple and quick processing of sections also with interrupted cut (section bolt).

Twist drill for universal connection set 5

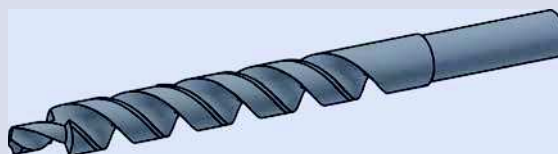
ORDER N°. STUUNISTZ5.

Twist drill for universal connection set

ORDER N°. STUUNISTZ

Twist drill Ø 15/9

ORDER N°. STU159





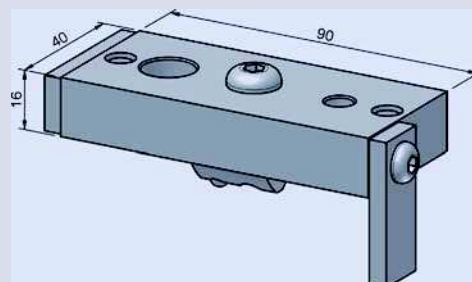
Drilling gauge for centred panels

ORDER N°. BOHZEN

Auxiliary tool for processing the correct positional arrangement of sections for the section connector. Primarily to be used with the portable drill.

Drilling gauge for connector 40/80; univ. connector

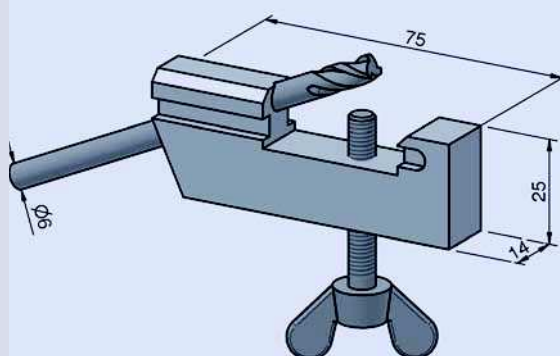
ORDER N°. BOHVER4080UNI



Drilling gauge for angular connector

ORDER N°. BOHSCH

This drilling gauge is suitable for the manufacture of the required screw head supporting surface in the section base. With standard battery drilling machines and the corresponding cutter this screw support can be quickly manufactured in the correct positional arrangement.



Tools for screw in connector 5

ORDER N°. WEREIN5.

Steel/galvanised m = 5g/pc.

Tools for screw in connector 8 30

ORDER N°. WEREIN8.30

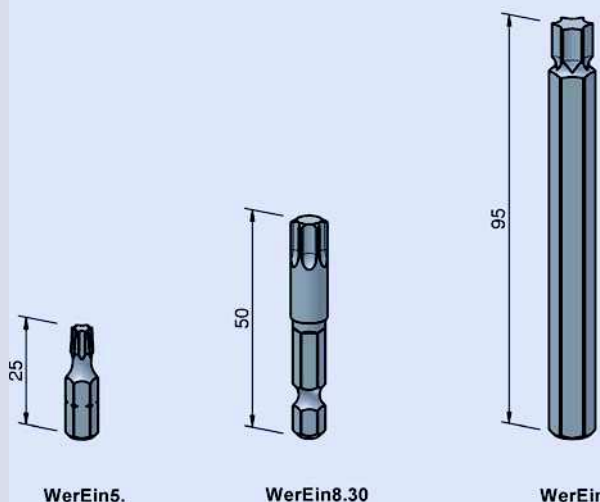
Steel/galvanised m = 15g/pc.

Tool for screw in connector

ORDER N°. WEREIN

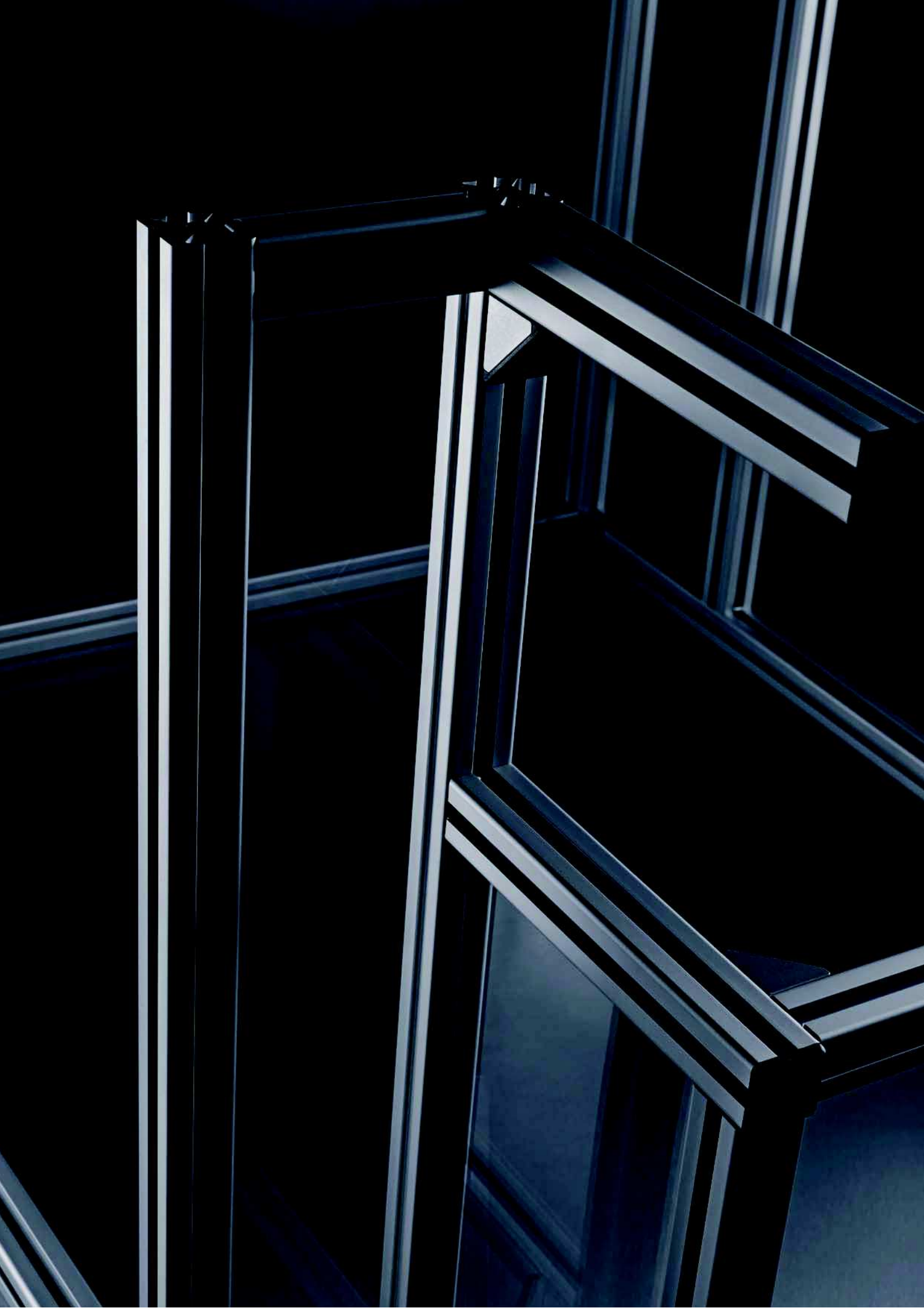
Steel/galvanised m = 49g/pc.

This tool is especially suitable for the frontal attachment of the screw in connector in the profile groove. Using a commercial hand drill, a quick and inexpensive pre-assembly of the connector is possible.



Other tools on request





AlvÁris is your competent partner, supplying everything from simple cuts with and without processing through to the supply of individual components and complete customer-specific solutions, all from one port of call.

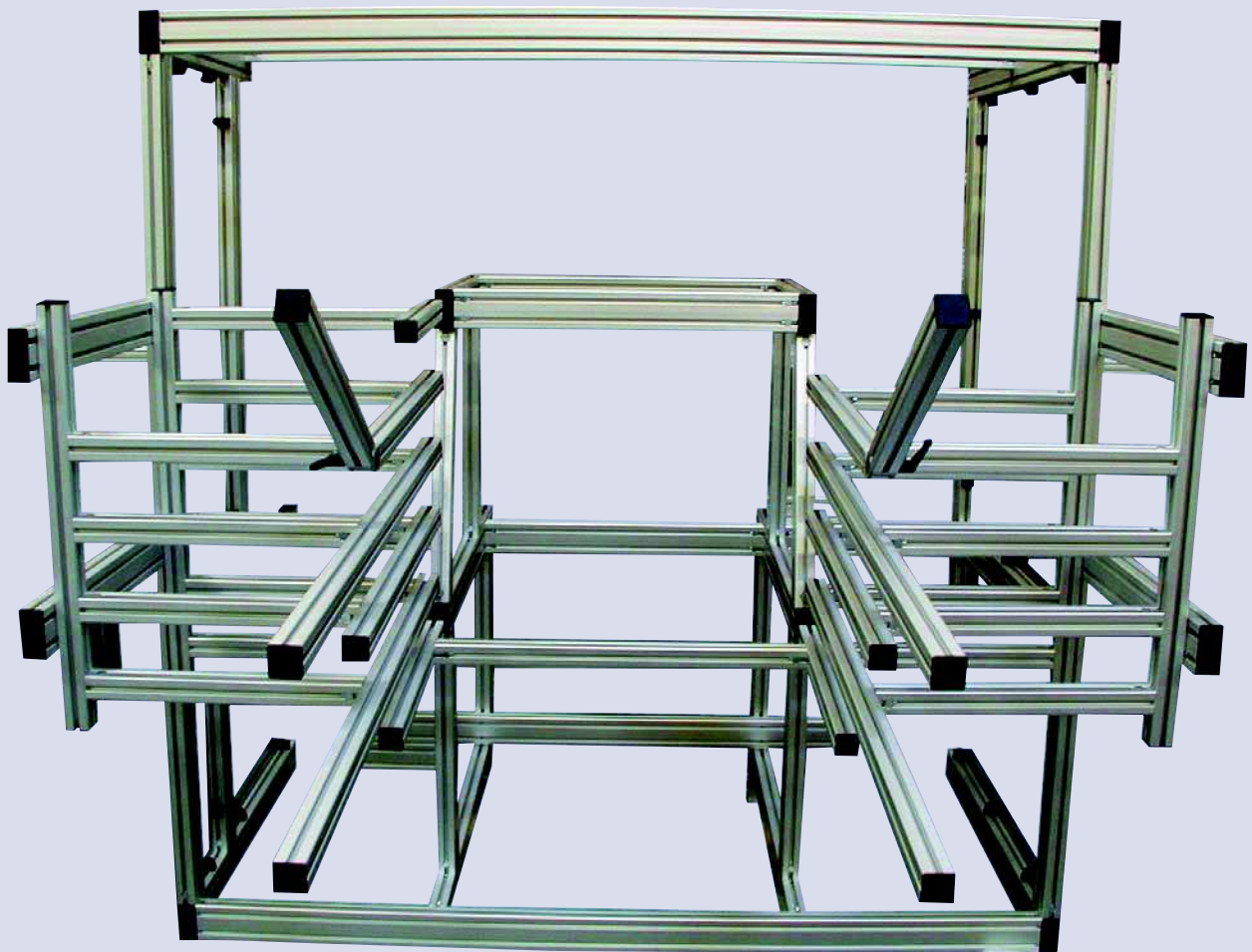
Our highly qualified engineers cooperate with our customers to develop creative solutions for all spheres of industry. Over many years, AlvÁris has completed numerous projects and, with its highly qualified staff, is your preferred partner throughout the entire processing chain – from engineering through to construction, installation and commissioning.

CONTENTS

Scope of services

1. Machine racks
2. Machine housings
3. Cabinets
4. Test equipment
5. Storage and transport technology
6. Lift systems
7. Customer-specific applications

1. Machine racks



2. Machine housings



3. Cabinets



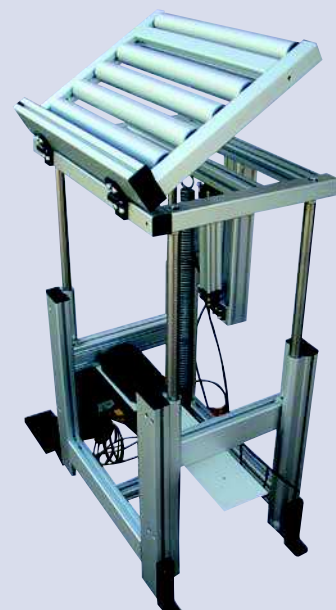
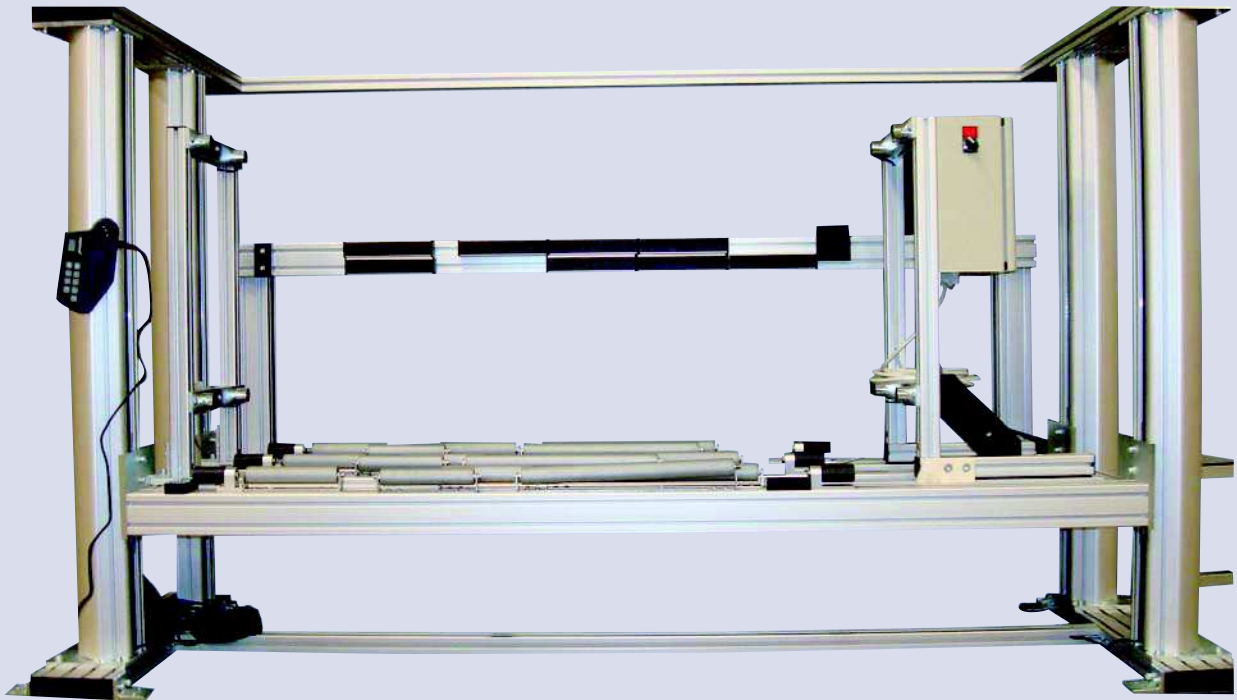
4. Test equipment



5. Storage and transport technology



6. Lift systems



7. Consumer-specific applications







The Alvárís work bench solutions are designed in line with current standards. Together with our customers, we design optimum solutions for your specific requirements. We rely on tried-and-tested modular system solutions and our extensive experience gained from numerous customer-specific work bench solutions supplied by us. All ESD work benches are tested to IEC 61340 prior to delivery.

CONTENTS

1. Model variations

- 1.1 Work bench with 4 feet
- 1.2 Work bench with lifting columns – height-adjustable (electrically / manually)
- 1.3 Base rack with 4 feet
- 1.4 Base rack with lifting columns
- 1.5 Upper assemblies
- 1.6 Accessories
- 1.7 ESD version

2. Technical guidelines / standards

- 2.1 General
- 2.2 Most important standards
- 2.3 Overview of work bench space requirement
- 2.4 Work benches – seated work
- 2.5 Work benches – standing work
- 2.6 Working and seating heights
- 2.7 Project images



1. MODEL VARIATIONS

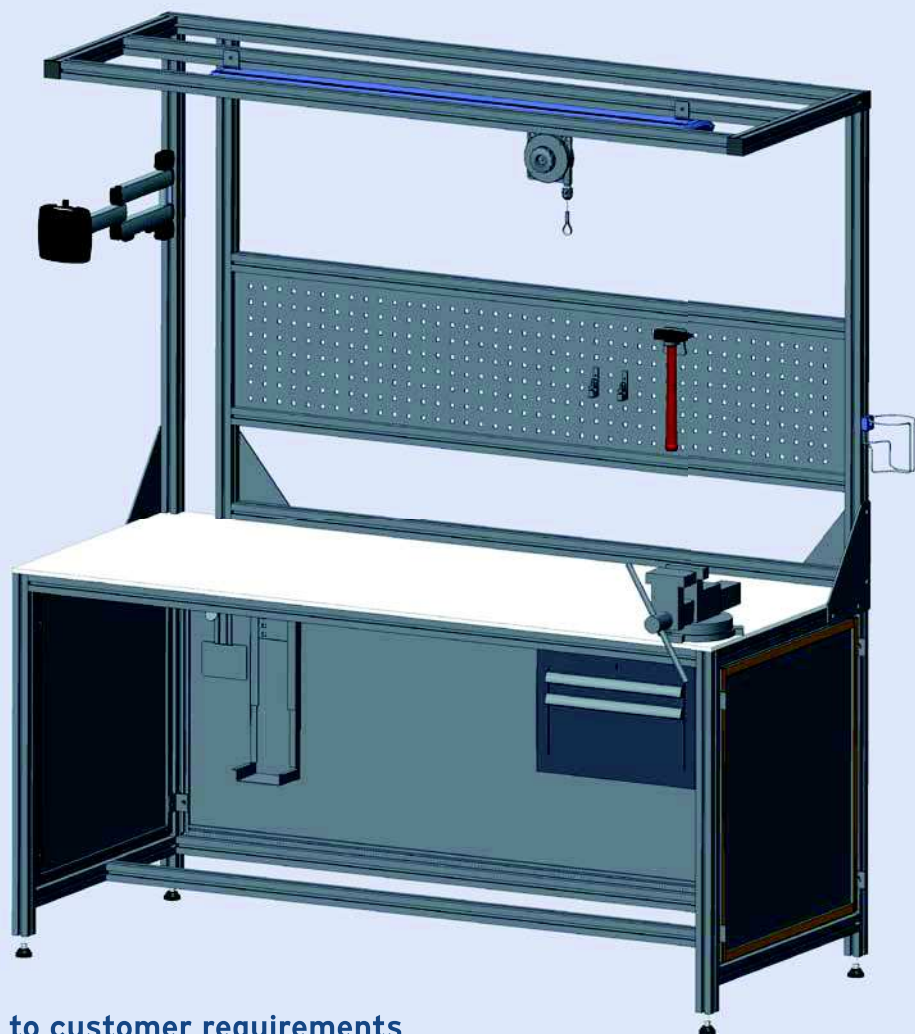
1.1 Work bench with 4 feet, incl. cross bar

Technical details:

– light version (as shown)

– heavy version

Both variations are also available as ESD versions. Various accessories are available as shown in the catalogue.



Dimensions tailored to customer requirements

1.2 Work bench, height-adjustable with lift columns

Technical details:

- manually using hand crank
- electrically height-adjustable (as shown)

Both variations are also available as ESD versions. Various accessories are available as shown in the catalogue.



Dimensions tailored to customer requirements

1.3 Base racks with 4 feet

Work bench with 4 feet, incl. cross bars

Technical details: **for light version**

Loadbearing capacity varies according to size

Profile PRO4040L, anodised

4 No. adjustable feet D=40mm – adjustment range

+/-20mm

Without screen



Work bench with 4 feet, incl. cross bars

Technical details: **for heavy version**

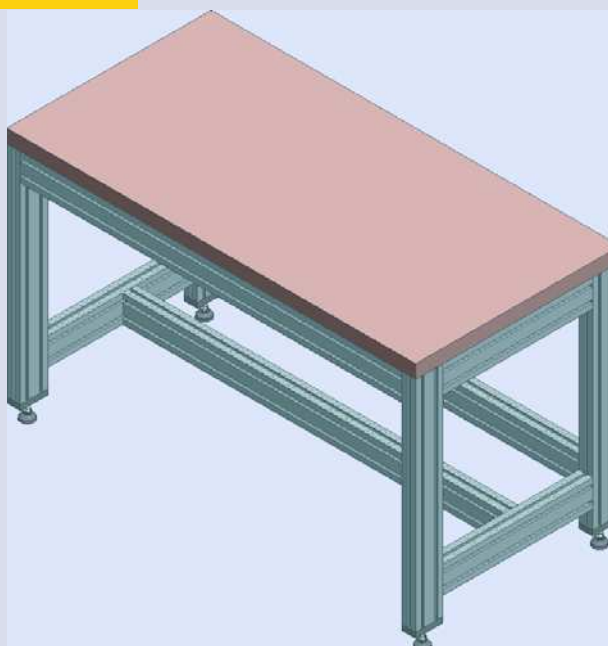
Loadbearing capacity varies according to size

Profile PRO8040L, anodised

4 No. adjustable feet D=80mm –

adjustment range +/-20mm

Without screen



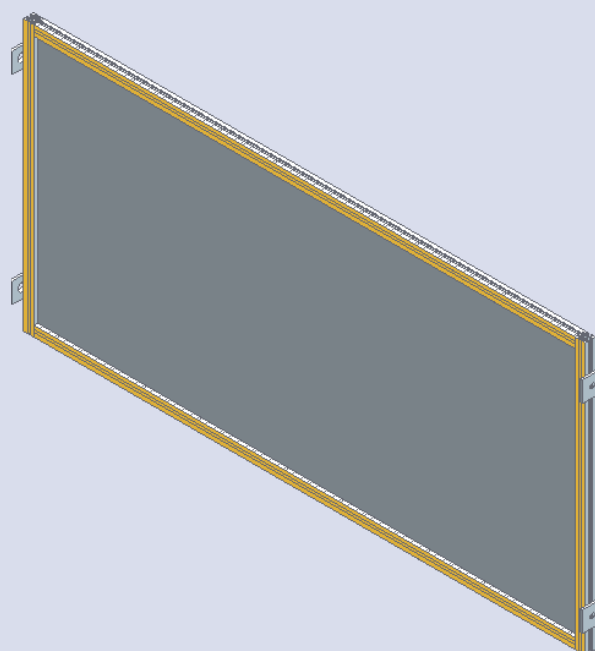
Screen at rear, frame with Triplex panel

Technical details: **for light and heavy versions**

Profile PRO5.20201N, anodised

Triplex panel

4 No. angle brackets for fitting to work bench



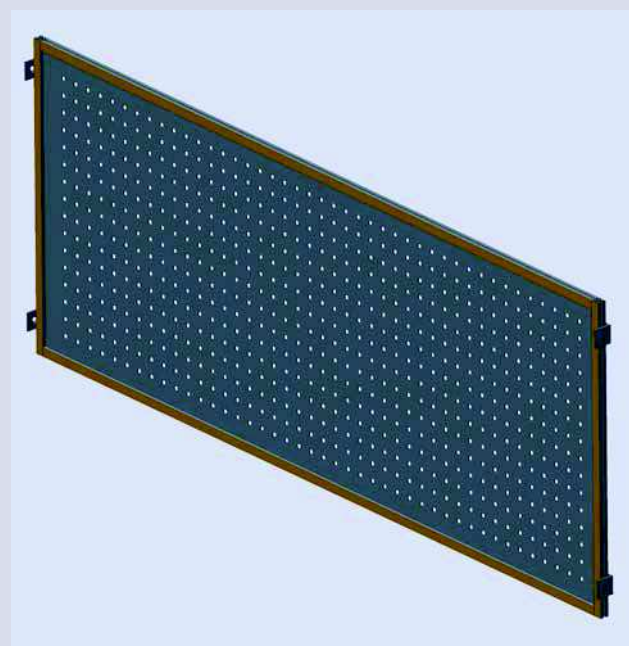
Screen at rear, frame with perforated panel

Technical details: **for light and heavy versions**

Profile PRO5.20201N, anodised

Perforated panel, square-edged – galvanised or powder-coated

4 No. angle brackets for fitting to work bench

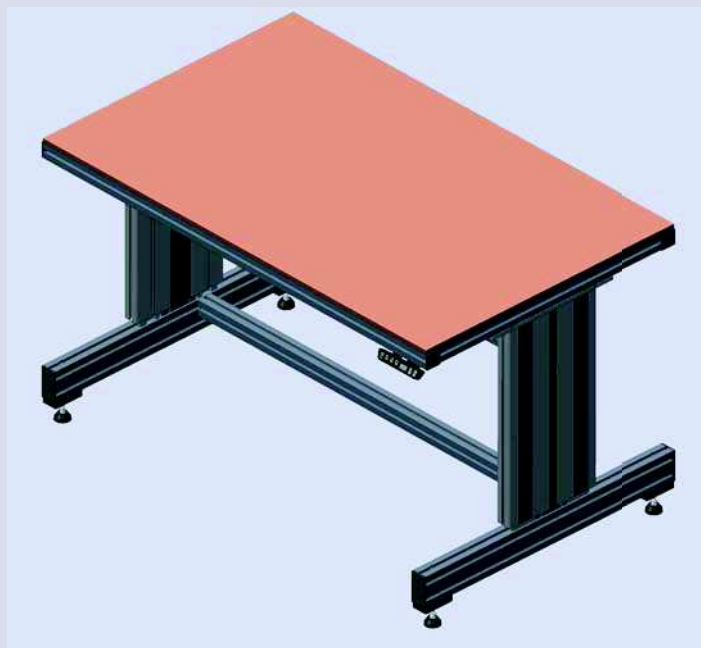


1.4 Base rack with lifting columns

Work bench, height-adjustable – electrically

Technical details: **for light version**

| |
|--|
| Maximum loadbearing capacity per lift column: 150 kg |
| Profile PRO8040L, anodised |
| Profile PRO4040L, anodised |
| Cover caps |
| HPL panel, 10mm |
| 2 No. angle brackets WINSTZ8080ZN |
| 4 adjustable feet D=40mm – adjustment range +/- 20mm |
| Without screen |



Work bench, manually height-adjustable with hand crank

Technical details: **for light version**

| |
|--|
| Maximum loadbearing capacity per lift column: 150 kg |
| Profile PRO8040L, anodised |
| Profile PRO4040L, anodised |
| Cover caps |
| HPL panel, 10mm |
| 2 No. angle brackets WINSTZ8080ZN |
| 4 adjustable feet D=40mm – adjustment range +/- 20mm |
| Without screen |



heavy version / other variations on request

1.5 Upper assemblies

Framing for back panel – mounted on bench top

Technical details:

Profile PRO4040L, anodised

Profile PRO16016

Cover caps

HPL panel, 5 mm

Screw connector

Without cantilever

Fastening set for back panel

Technical details:

Profile PRO4040L, anodised

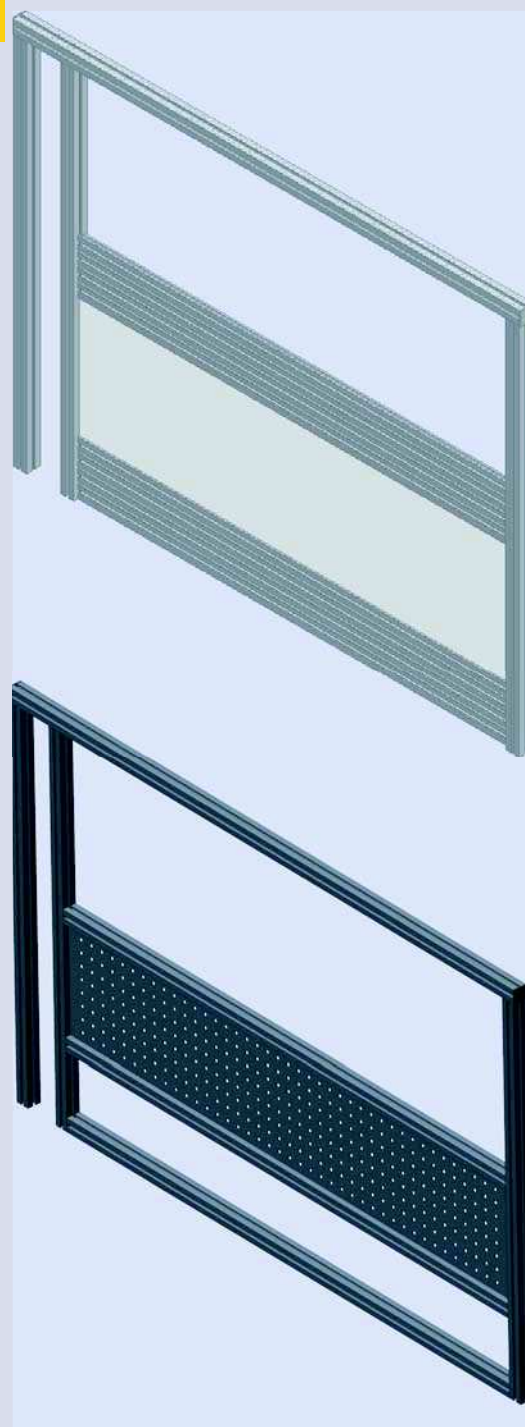
Cover caps

Perforated panel, square-edged – galvanised or coated

Screw connector

Without cantilever

Fastening set for back panel



Other variations on request

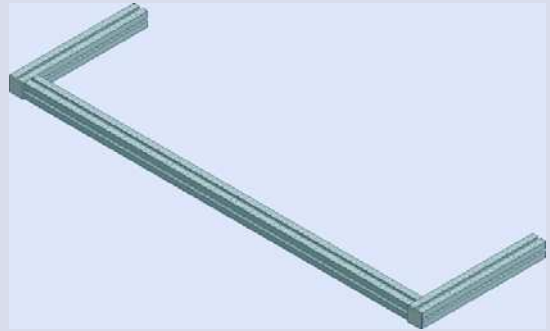
Cantilever / gallow, single

For mounting on back panel

Profile PRO4040L, anodised

Screw connector

Cover caps



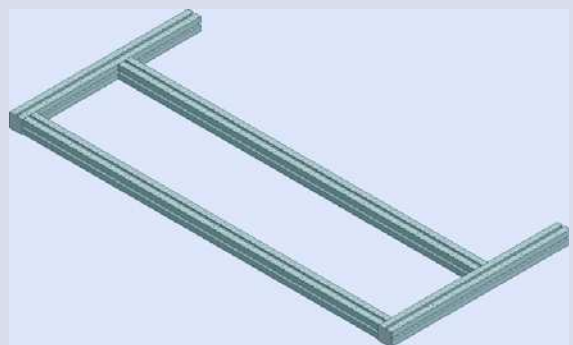
Cantilever / gallow, double

For mounting on back panel

Profile PRO4040L, anodised

Screw connector

Cover caps



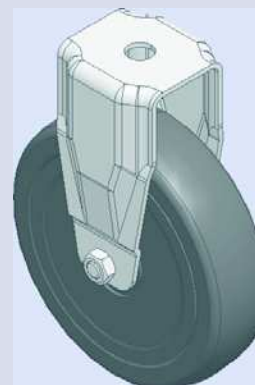
1.6 Accessories

Possible accessories for your personal work bench.

Fixed castor (anti-static as an option)

Fixed castor with ball-bearing and thread protection for movable items such as movable benches. The castor can be fitted directly into the core hole of the profile or in combination with a foot plate.

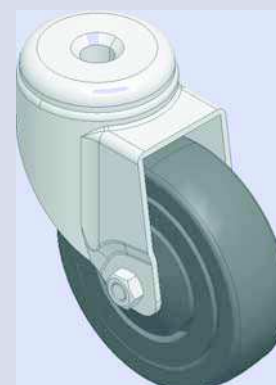
For variations, see accessories of profile series 8



Swivel castor without lock function (anti-static as an option)

Swivel castor with ball-bearing and thread protection for movable items such as movable benches. The castor can be fitted directly into the core hole of the profile or in combination with a foot plate.

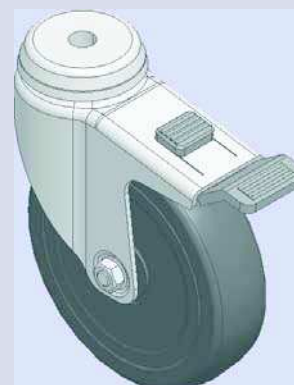
For variations, see accessories of profile series 8



Swivel castor with lock function (anti-static as an option)

Swivel castor with ball-bearing and thread protection for movable items such as movable benches. The castor can be fitted directly into the core hole of the profile or in combination with a foot plate.

For variations, see accessories of profile series 8



All illustrations are for guidance only

Tool slide

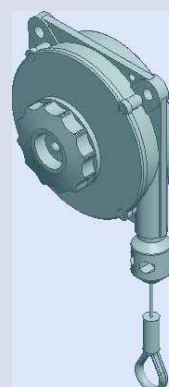
Sliding element with hole for tools, tool balancer and similar. The sliding element moves in the groove of the profile. Spring safety hook not included in the supply.



Spring balance pulley

This spring balance pulley is used for suspending tools. The unit includes a safety device. The return force is manually adjustable. Height ideally adjustable to the operative's reach.

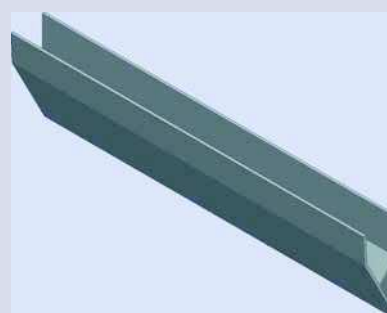
Available for weights from 0.4 kg to max. 3 kg



Document holder

Aluminium clamping strip, 40mm wide, clamping width approx. 10mm, with self-adhesive padding foam to compensate for uneven surfaces.

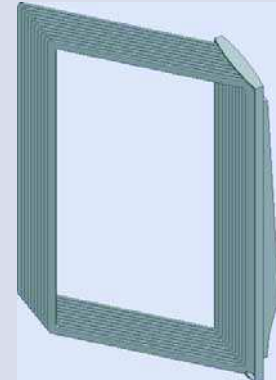
Available in sizes A4 and A3



All illustrations are for guidance only

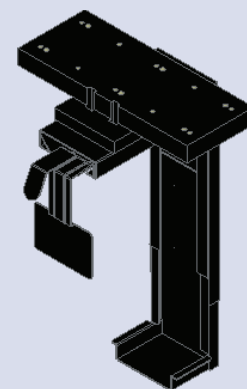
Wall holder

Wall holder, A4, metal, with 10 viewing boards with colour coding in polypropylene, 2 each in these colours: black, red, yellow, green, dark blue
Can be used in portrait and landscape formats



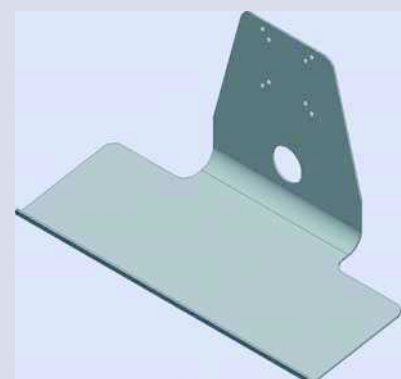
PC holder

For fixing beneath the work surface. The PC holder can be adjusted for different housing sizes and can be pulled out and swiveled using the additional extension rail beneath the bench. Available in black and silver



Keyboard holder

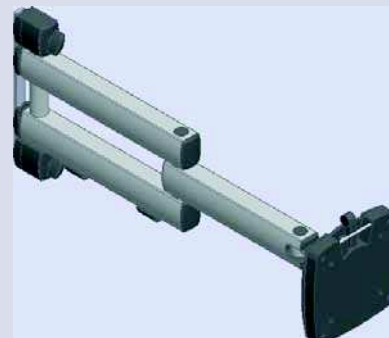
For placing the computer keyboard. In combination with the monitor arm, the keyboard can be flexibly adjusted to suit the work situation.



All illustrations are for guidance only

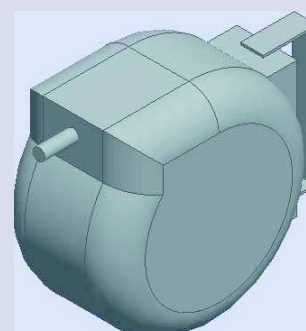
Monitor arm

Special, high-quality 2-part support arm with continual vertical adjustment.
Perfect cable routing via cable holder. Reach: 505 mm.
Loadbearing capacity up to 15 kg



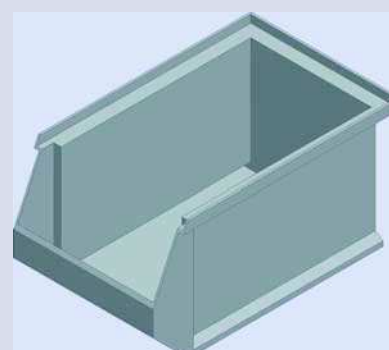
Cable rewriter

Housing made of break-proof plastic with overload protection and locking device that can be deactivated, with wall and ceiling mounting, nominal power rating 2000 W, 10 m of 3G1.5 cable with safety plug, WxHxD = 130 x 270 x 295 mm



Profi Plus storage box

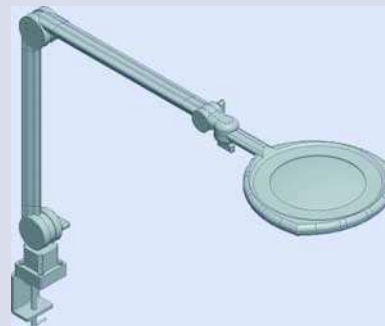
This storage box system is highly durable and long-lasting. Highly impact-resistant polypropylene. Colour: blue
Available in different sizes



All illustrations are for guidance only

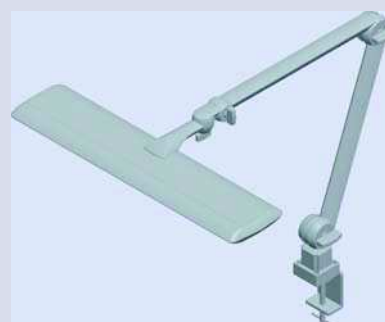
Magnifier lamp (optionally in ESD)

Housing with natural anodised aluminium and black high-performance plastic, satin-finished acrylic screen, spring-balanced anglepoise L = 384 x 400 mm, supplied incl. 3.8 m cable, 48x LED, strong 6000 lx at just 14W input, scratch-resistant glass lens, 160 mm diameter, 3.5 dioptries, protection rating IP20 II



Universal lamp (optionally in ESD)

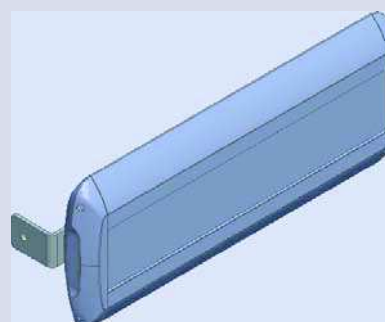
With light output to suit the application, high-quality light and ergonomic handling ensure optimum working conditions. Robust aluminium and glass-fibre reinforced high-performance plastic, premium LEDs, unique movable and balanced arms. Available in the following ratings: 31W, 36W and 47W



System lamp (optionally in ESD)

For mounting laterally at the desired height and desired radiation angle at the vertical column of the work bench. Extremely robust aluminium housing. Fitting bracket included.

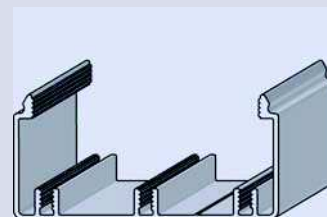
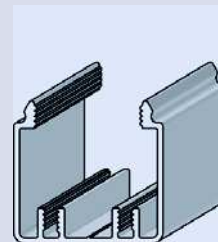
Available in different colours and sizes: 456 mm, 656 mm and 1,256 mm and with the following ratings: 23W, 24W, 43W and 54W



All illustrations are for guidance only

Cable duct

U-shaped cable duct which, in combination with the cover profile, is excellently suited to the installation of cables and hoses. The shape and the material used in the system profiles combine to form an aesthetically pleasing unit. Various elements can be attached inside the duct using the fixing grooves. Available in the sizes 40 x 40, 80 x 40 and 80 x 80 mm. See accessories of profile series 8



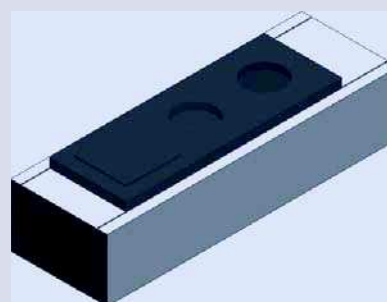
Cover for cable duct

Cover profiles for U-shaped cable duct, sized 40 x 40, 80 x 40 and 80 x 80 mm. See accessories of profile series 8



Socket and toggle switch combinations

In various versions: 1 to 3 outlet multi-socket adapter with or without toggle switch, colour: anthracite



All illustrations are for guidance only



1.7 ESD version

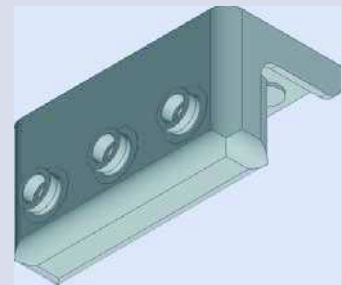
ESD (Electro-Static Discharge)

ESD stands for electro-static discharge and refers to the processes and effects when balancing electric charges between two differently charged materials. When these materials come into contact, positive and negative charges are exchanged. Humans have only very rudimentary sense mechanisms for the detection of electro-static charges and discharges. This is different for electronic components, which suffer difficult to calculate and, from the outside, undetectable damage, when exposed to even just a few milli-volts of voltage difference.

ESD earth connection box

The earth connection box features three cable connection ports. It is used as a collection point for discharging electro-static charges within the reachable area of the work bench. The unit is attached below the work surface.

Colour: yellow, in combination with ESD armband and connection cable



ESD connection cable

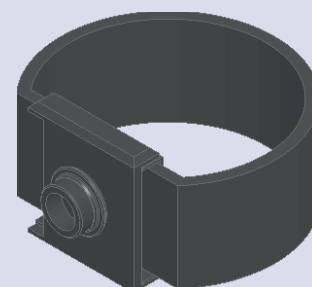
Spiral cable, 2.4 mm diameter, colour black, suitable for earthing persons.



All illustrations are for guidance only

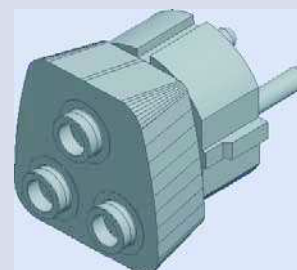
ESD armband

The ESD armband is an effective means of protection against electro-static charges at the work bench. The nylon armband with release button is connected to the ESD earth connection box or connector using the connection cable.



ESD safety earth connector

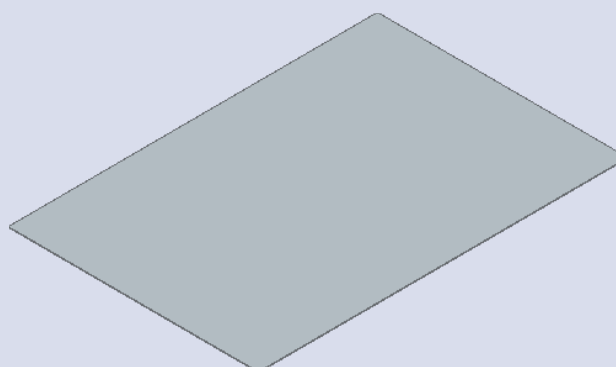
The ESD earth connector also has three terminals. It is plugged in to a safety socket and conducts the charges (attenuated) to the earth potential of the mains network. Colour: yellow



ESD bench-top mat

The mat consists of a 2-layer compound material that is heat and solder-resistant, wear-resistant, permanently elastic, free from halogen and has discharging properties.

Colour: platinum grey; available in different sizes



All illustrations are for guidance only

2. Technical guidelines / standards

2.1 General

The correct design of the work place has a strong positive impact on the health, performance, endurance and concentration of operatives.

In order to make it possible for the operative to assume a natural body posture and carry out natural movements, work places have to be adapted to the physical dimensions of the person and required work processes. If the work can be carried out both in a sitting and a standing position, an alternating work mode is preferable in order to prevent skeleto-muscular disorders. When standing and sitting, the same muscles are used to different degrees, so that each change in position contributes to the dynamic exercising of muscles.

When work is carried out in a standing position, the most important aspects are the correct height of the work top and the provision of support. When work is carried out in a sitting position, the height, width and depth of the legroom and suitably designed seating, possibly with a footrest, are important.

2.2 Most important standards

DIN-33402 Human body dimensions

DIN-33406 Workplace dimensions in production

DIN-33416 Graphical representation of the human body in typical operating positions

Standards: EN 894, ISO 6385, EN ISO 9241, DIN 10075

Employer's liability insurance association: BGI 523

See AUVA M 021 data sheet – Ergonomics at the workplace

<http://www.auva.at/portal27/portal/auvportal/content/contentWindow?contentid=10008.544627&action=b&cacheability=PAGE&version=1433162138>

<http://www.suva.ch/startseite-suva/service-suva/lernprogramme-suva/bildschirmarbeitsplatz-einrichten-suva/2-einstellen-stuhl-suva.htm#nav5>

- SUVA data sheet 44022 Working at a display screen
- SUVA data sheet 44034 Display screen work – information for users
- BIGA data sheet No. 103 Sitting when working
- Directive 90/270/EEC Display screen equipment

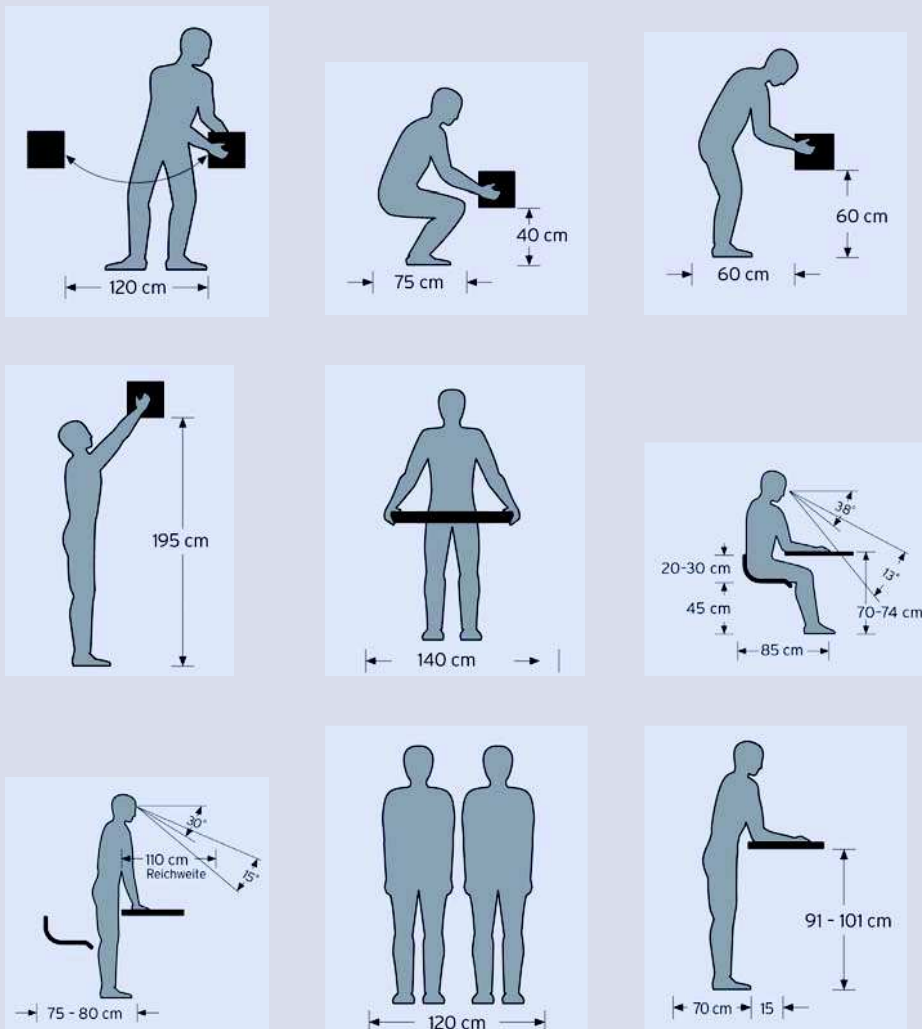
All information is supplied without guarantee

2.3 Overview of work bench space requirement

Movement space

The space required for movement depends on the activity to be carried out and the person's physical size and must be adapted to the respective operator. This can help to avoid hazardous and tiring body postures.

We recommend the following dimensions.



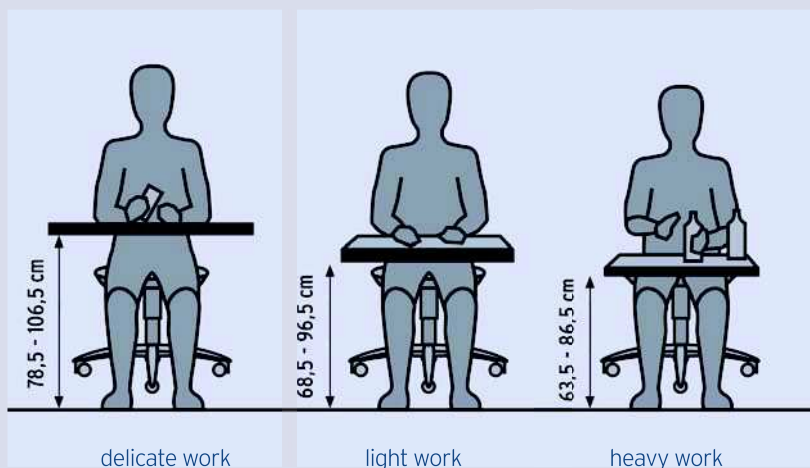
All information is supplied without guarantee

2.4 Work benches - seated work

We recommend the following dimensions.

Bench height for seated work

(in cm)



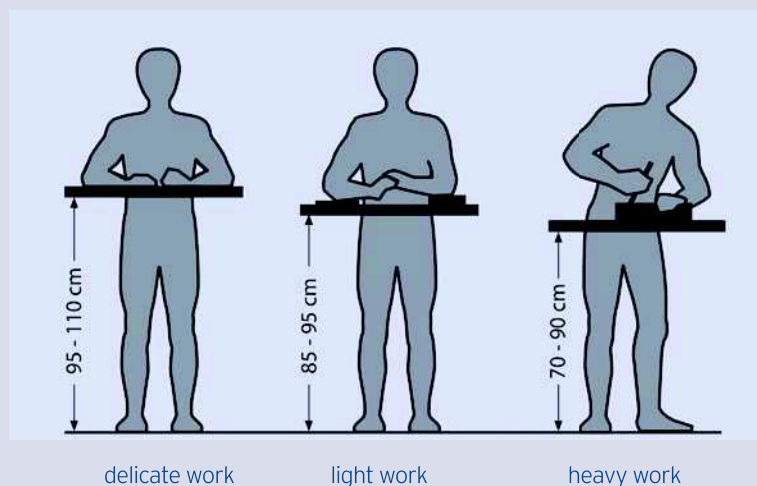
2.5 Work benches - standing work

We recommend the following dimensions.

Bench height for standing work

(in cm)

| Type of work | Men | Women |
|--------------|-----------|----------|
| fine work | 100 – 110 | 95 – 105 |
| light work | 90 – 95 | 85 – 90 |
| heavy work | 75 – 90 | 70 – 85 |

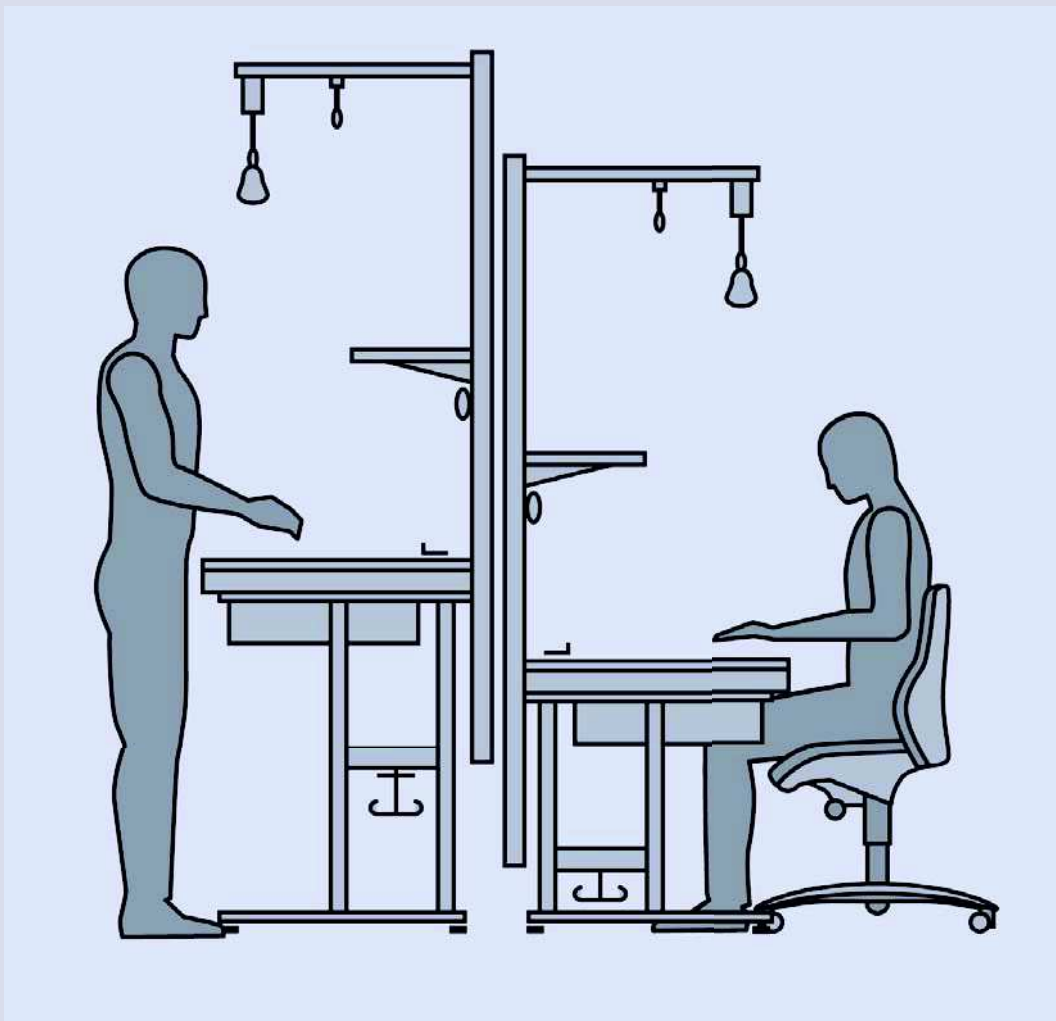


All information is supplied without guarantee

2.6 Working and seating heights

Workplaces for working alternately in sitting and standing positions should be equipped as follows:
We recommend the following dimensions.

- A high chair that is adjustable between 80 and 100 cm
- A sloping footrest (15 – 25°), with a large rest area (40 to 50 cm)
- Adequate legroom
- The height of the work area should be suitable for the task and body size, allowing a comfortable head position.



All information is supplied without guarantee

2.7 Project images



WORK BENCHES

ALVÁRIS
PROFILE SYSTEMS





Owing to the steadily progressing automation of production processes and plants, the protection of persons against sources of danger is increasingly important. Safety fences and machine housings are vital components of this. Flexible safety fence systems can be optimally adapted to the machine or plant in terms of appearance as well as safety.

CONTENTS

1. FLEXIBLE SAFETY 30 safety fence system

- 1.1 Technical details
- 1.2 Stands
- 1.3 Safety fence elements
- 1.4 Single door (door leaf)
- 1.5 Double door
- 1.6 Sliding door
- 1.7 Installed examples

2. ALU 40 safety fence system

3. Lift gate

4. Roller gate

5. STAHL* safety fence system

- 5.1 Penta
- 5.2 Quadra
- 5.3 Lamiera and Lexan
- 5.4 Meta ® post
- 5.5 Post with screw fixing
- 5.6 Door systems
- 5.7 Closing systems
 - 5.7.1 Clo.Sys ® closing system
- 5.8 Accessories
- 5.9 Fall protection
 - 5.9.1 Wire mesh shelving

*** Distribution by ALVÁRIS - Czech Republic**

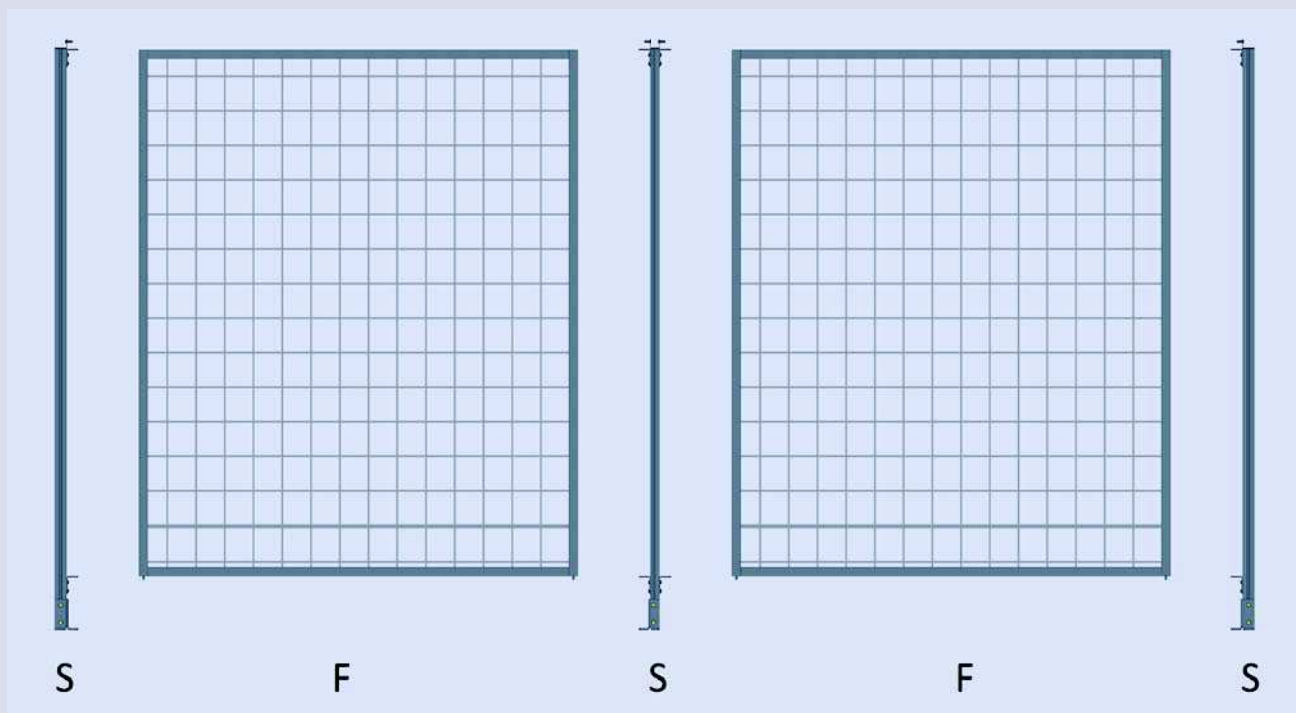
1. FLEXIBLE SAFETY 30 safety fence system

1.1 Technical details

Safety is not just a catchword for Alvéris. Our new FLEXIBLE SAFETY 30 safety fence system is the result of a new, extremely flexible and cost-efficient safety fence concept. The flexible Alvéris safety fence comes in a wide range of standard sizes, but can also be used for a wide range of customer-specific solutions, very simply and cost-efficiently. It goes without saying that the FLEXIBLE SAFETY 30 safety fence concept complies with the latest Machine Safety Directive.

Your benefits:

- CAD-supported project design
- Very short delivery times, also for customer-specific solutions
- Straightforward self-assembly is possible, and reduces costs
- Installation by Alvéris operatives is available at any time
- Incomparable price/performance ratio
- The Alvéris safety fence foot allows neat installation, also on very uneven ground

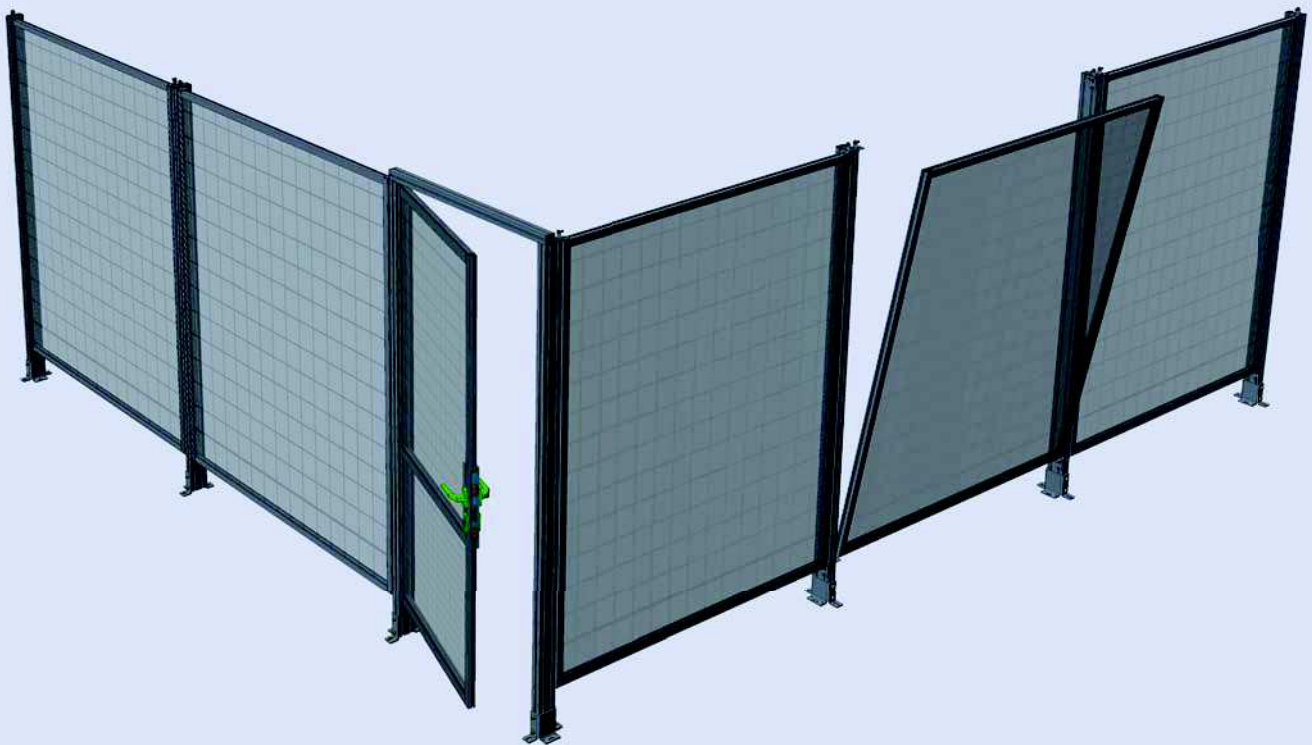


SAFETY FENCES, L & R GATES

Safety fence - freestanding options:



Safety fence - installation option:



SAFETY FENCES, L & R GATES

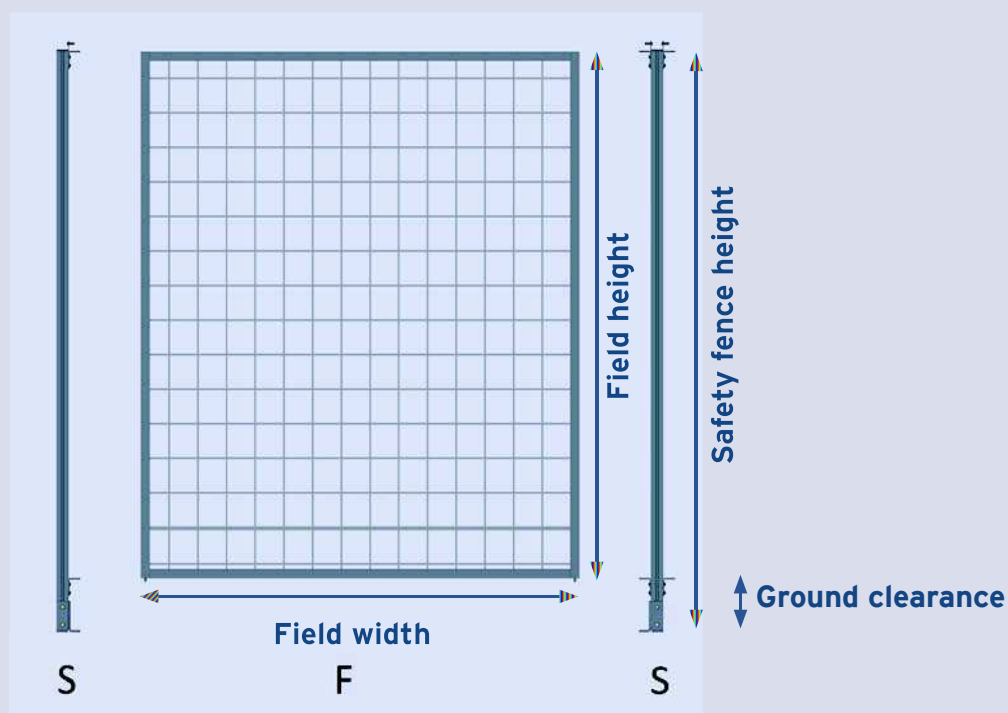
Standard field widths:

1,000 mm

1,510 mm

Flexible field widths can be supplied for odd fields and individual requirements.

| System: | Field height: | Safety fence height: |
|--|---------------|----------------------|
| 2000 | 1,820 mm | 2,000 mm |
| 2200 | 2,020 mm | 2,200 mm |
| Ground clearance (180 mm) in accordance with current standards. | | |
| Flexible field heights can be supplied to individual requirements. | | |



Field material

Corrugated mesh – galvanised

Steel mesh – galvanised

Mesh size: 40 x 40 mm

Wire thickness: 4 mm

Corrugated mesh – with black coating

Steel mesh – with black coating (RAL 9005)

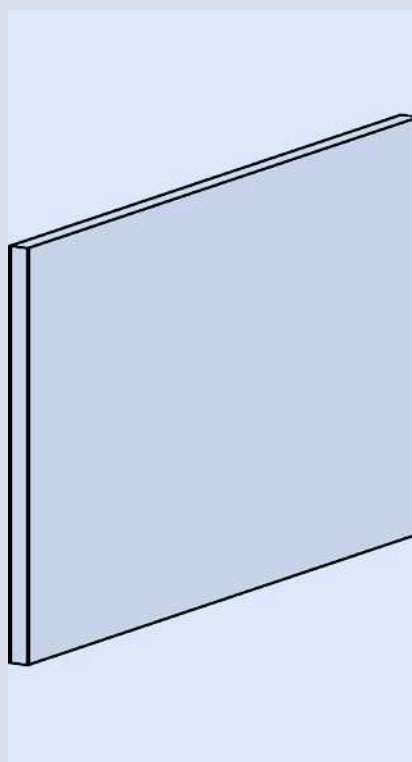
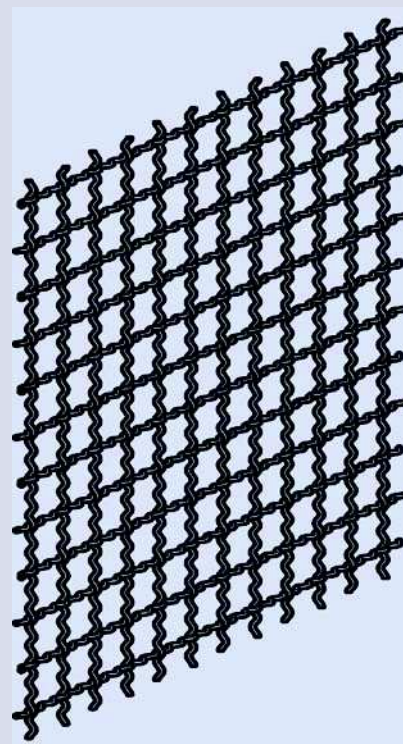
Mesh size: 40 x 40 mm

Wire thickness: 4 mm

Polycarbonate

Polycarbonate – transparent

Sheet thickness: 4 mm



Other field elements available on request

1.2 Stands

Stands for 2000 / 2200 system

Scope of delivery:

Safety fence profile 8040

Cover cap 8040

Safety fence foot – galvanised steel

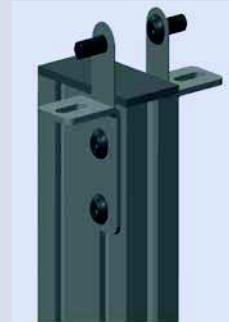
Fixed lugs

Angle bracket for safety fence (supplied loose)

Fastening material (screws, T-nuts)

NOT INCLUDED – fastening material for ground fixing

Fixed lugs



Other sizes available on request

1.3 Safety fence elements

Safety fence field for 2000 / 2200 system

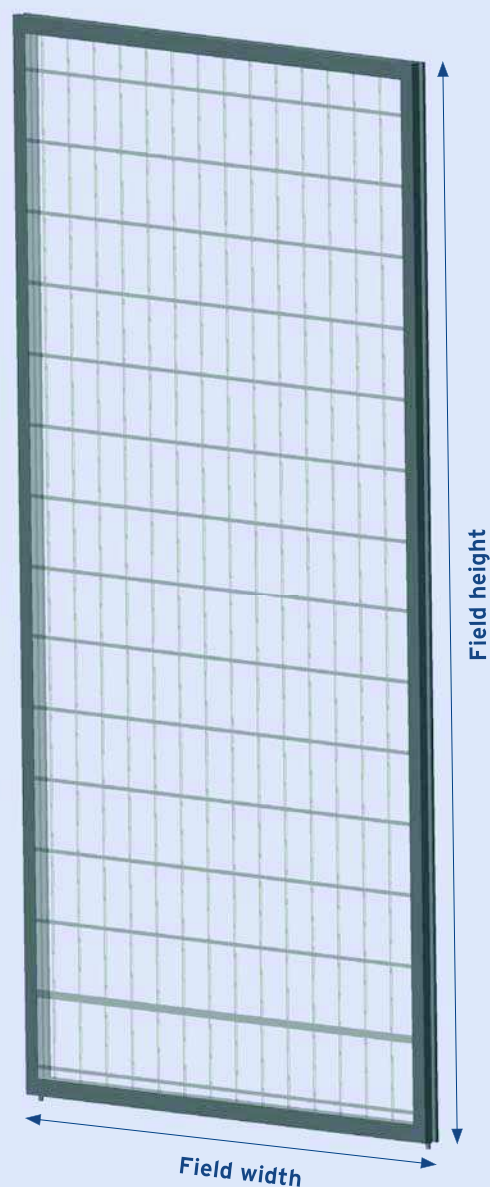
| |
|--|
| Total field height: 1,820 / 2,020 mm |
| Scope of delivery: |
| Safety fence profile 3030END |
| Safety fence profile 3040MIT (from 1,510 mm field width, an additional centre profile is needed) |
| Bolts for safety fence |
| Field material as described for the respective item |
| Fastening material (screws, T-nuts) |

Standard field widths:

1,000 mm
1,510 mm

Flexible field widths can be supplied for odd fields and individual requirements.

| System: | Field height: | Fence heights: |
|--|---------------|----------------|
| 2000 | 1,820 mm | 2,000 mm |
| 2200 | 2,020 mm | 2,200 mm |
| Ground clearance (180 mm) in accordance with current standards. | | |
| Flexible field heights can be supplied to individual requirements. | | |



Other sizes available on request

1.4 Single door

Single door for 2000 / 2200 system

Fitting to an existing stand

Scope of delivery:

Safety fence profile 3030END

Safety fence profile 3040MIT

Portal (profile 4040E, cover caps 4040)

Screw-on 2-part hinge, galvanised (right or left)

Angle brackets 6 20 x 40 – aluminium die casting

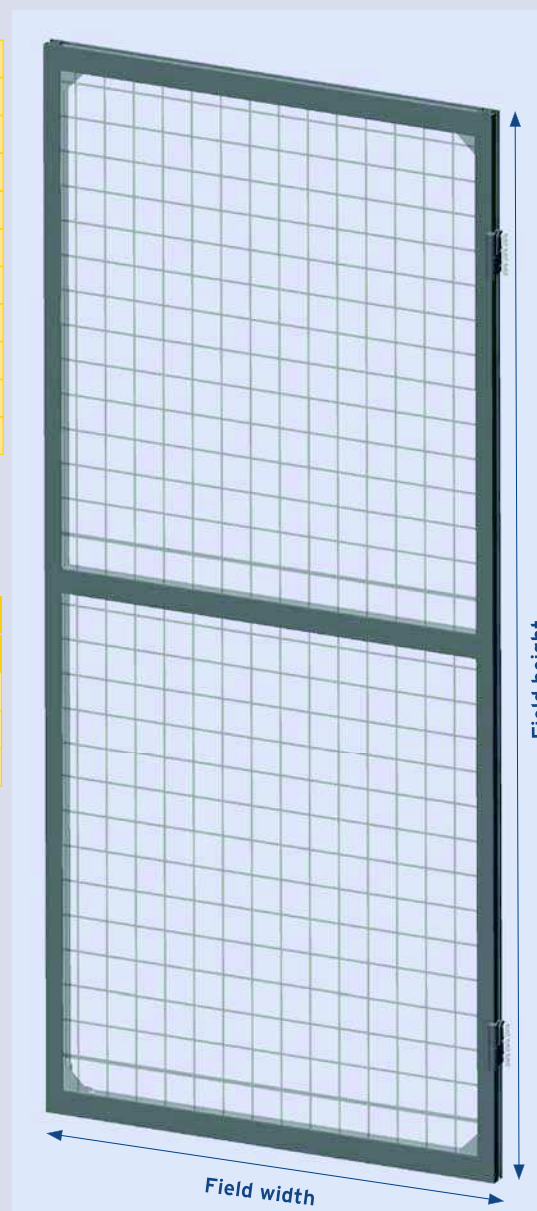
Field material as described for the respective item

Fastening material (screws, T-nuts, connector sets)

NOT INCLUDED – closing mechanism, stands

Single door, "R" or "L" – hinge attached on the right or left

| System: | Clear width: | Field size: |
|---------|--------------|------------------|
| 2000 mm | 1,015 mm | 1,000 x 1,815 mm |
| 2200 mm | 1,015 mm | 1,000 x 2,015 mm |



Other sizes available on request

1.5 Double door

Double door for 2000 / 2200 system

Fitting to an existing stand

Scope of delivery:

Safety fence profile 3030END

Safety fence profile 3040MIT

Portal (profile 4040L, cover cap 4040)

Screw-on 2-part hinge, galvanised (2x right, 2x left)

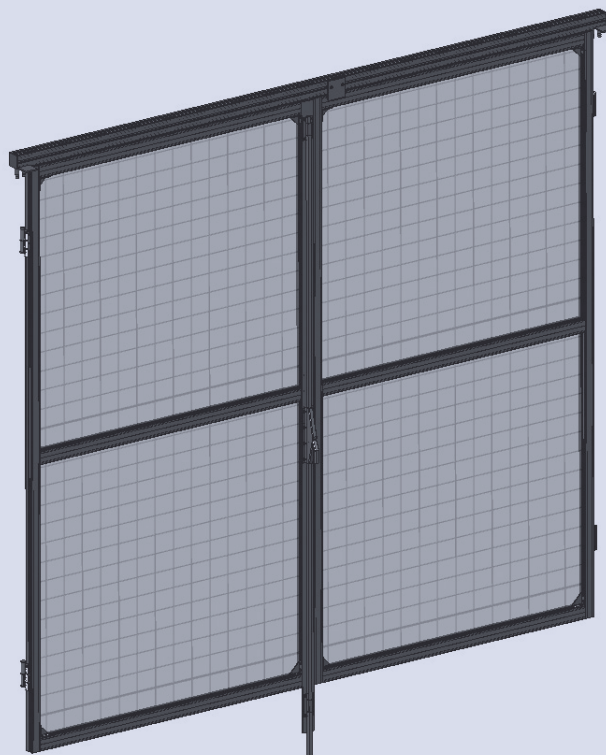
Angle brackets 6 20 x 40 – aluminium die casting

Field material as described for the respective item

Fastening material (screws, T-nuts, connector sets)

NOT INCLUDED – closing mechanism, stands or corner posts

| System: | Clear width | Field size |
|---------|-------------|---------------------|
| 2000 | 2,020 mm | 2x 1,000 x 1,815 mm |
| 2200 | 2,020 mm | 2x 1,000 x 2,015 mm |



Other sizes available on request

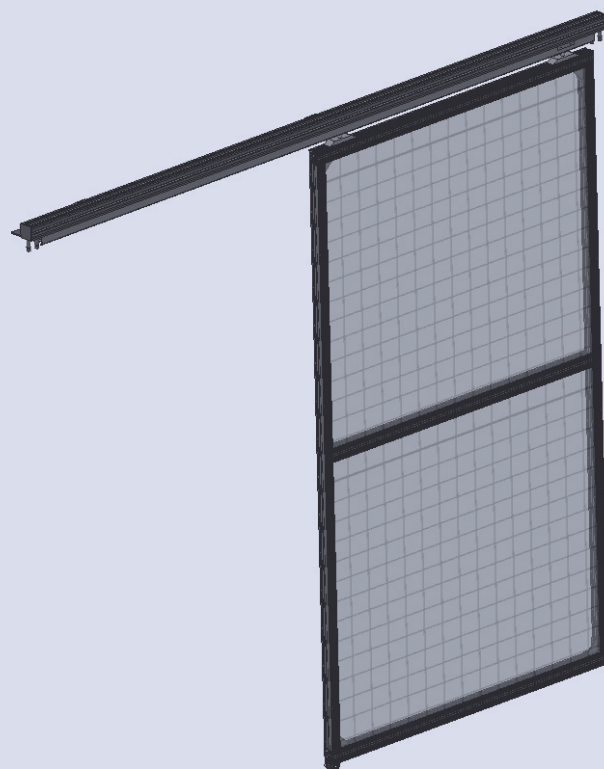
1.6 Sliding door

Sliding door

Scope of delivery:

Safety fence profile 3030END
 Safety fence profile 3040MIT
 Portal (profile 4040L, cover caps 4040)
 Door furniture set
 Alu 80 running rail
 Angle brackets 6 20 x 40 – aluminium die casting
 Run-in angle profile 30x30x37
 Angle set 40x40 Zn
 PA roller
 Field material as described for the respective item
 Fastening material (screws, T-nuts, connector sets)
 NOT INCLUDED: closing mechanism

| System: | Clear width | Field size |
|---------|-------------|------------------|
| 2000 | 970 mm | 1,000 x 1,765 mm |
| 2200 | 970 mm | 1,000 x 1,965 mm |

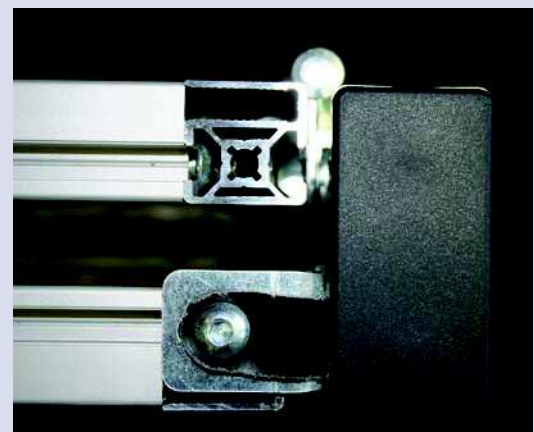


Other sizes available on request

1.7 Project examples



Safety fence foot



Fixed lugs

2. ALU 40 safety fence system

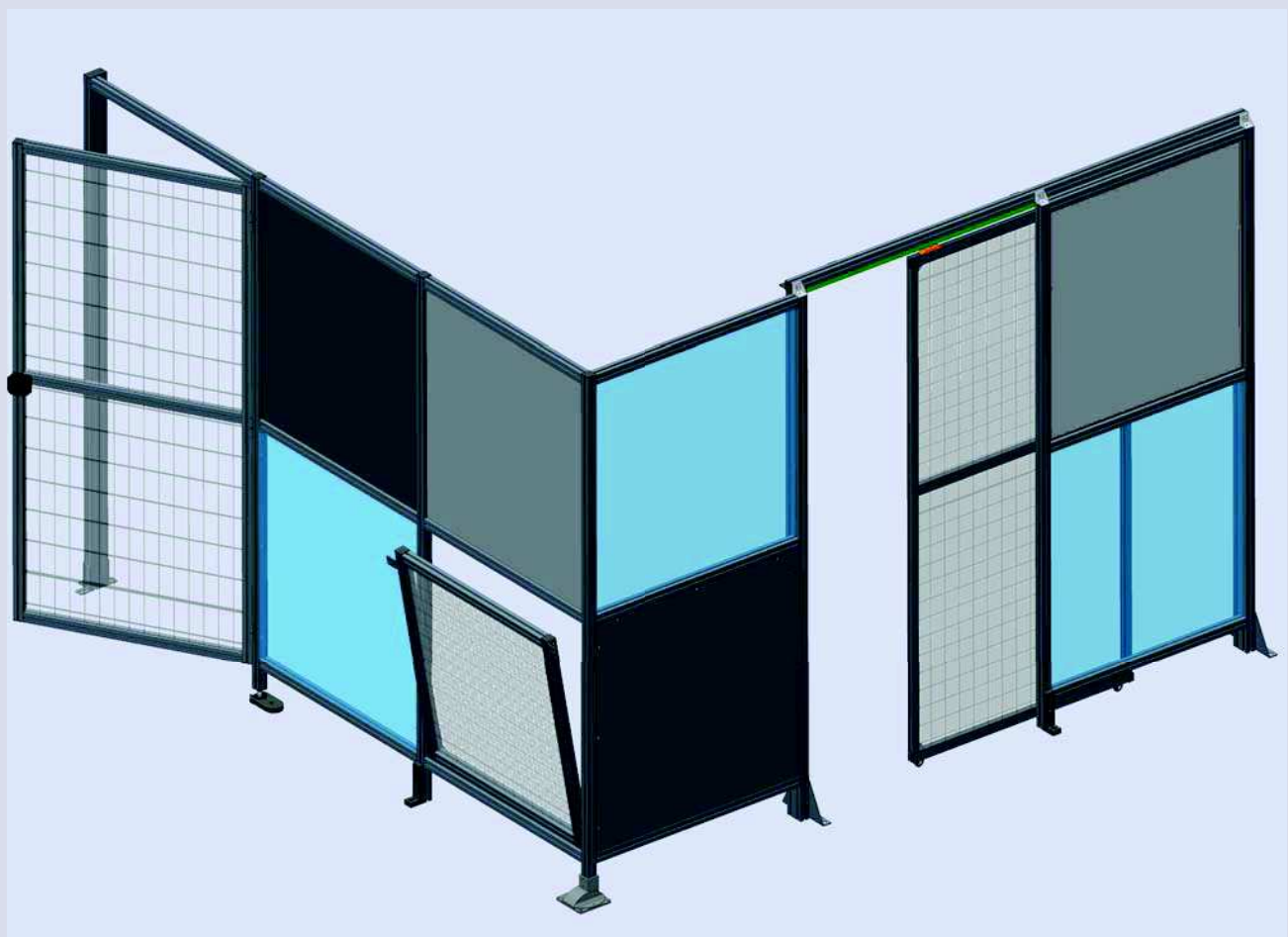
This safety fence system lends itself to a very wide range of designs. The straightforward installation system (stand profile – cross profile – stand profile) makes the installation efficient and flexible.

All accessory components of the 8 T-slot system can be adapted without any problems and used according to the respective function.

This safety fence is not an "off the rail" product, but is perfectly adaptable to the respective requirements.

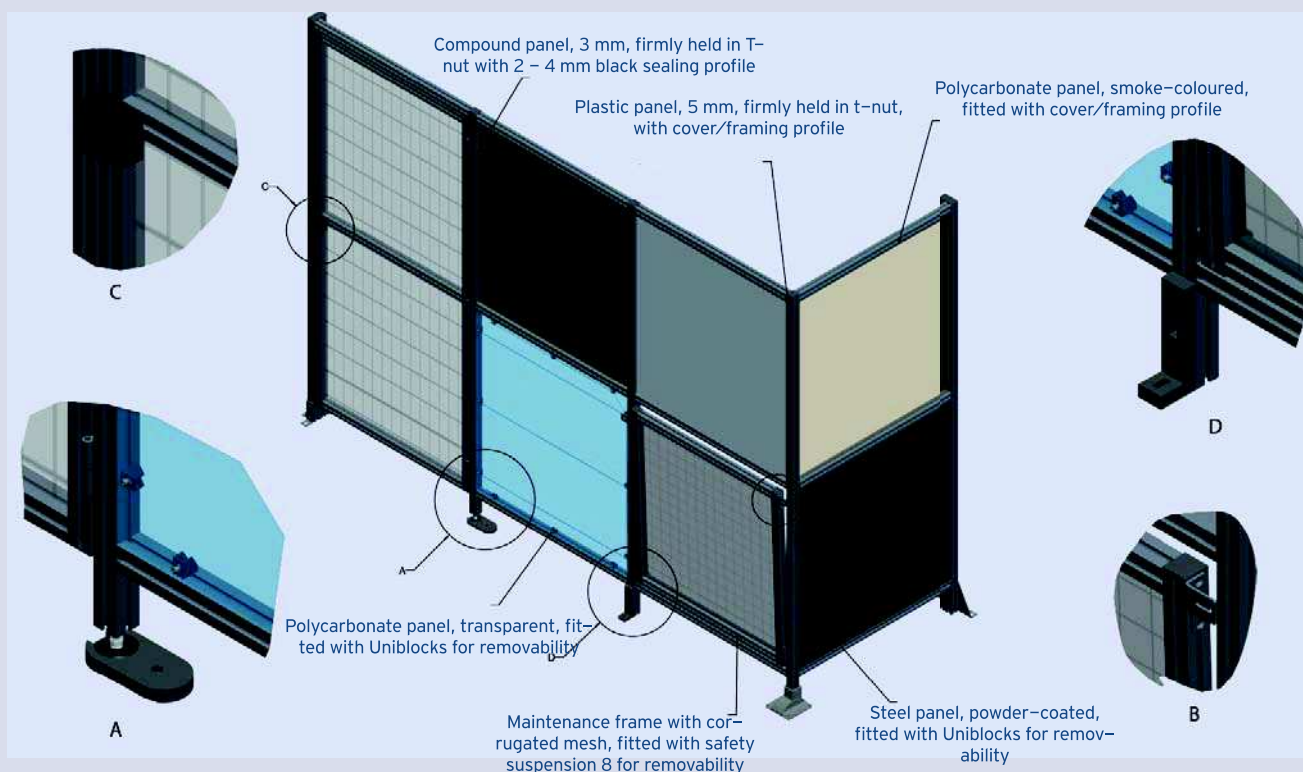
Installed example:

With different field elements, post brackets and opening options



SAFETY FENCES, L & R GATES

ALVÁRIS
PROFILE SYSTEMS



2.1 Project examples



Various electrical closing systems



SAFETY FENCES, L & R GATES

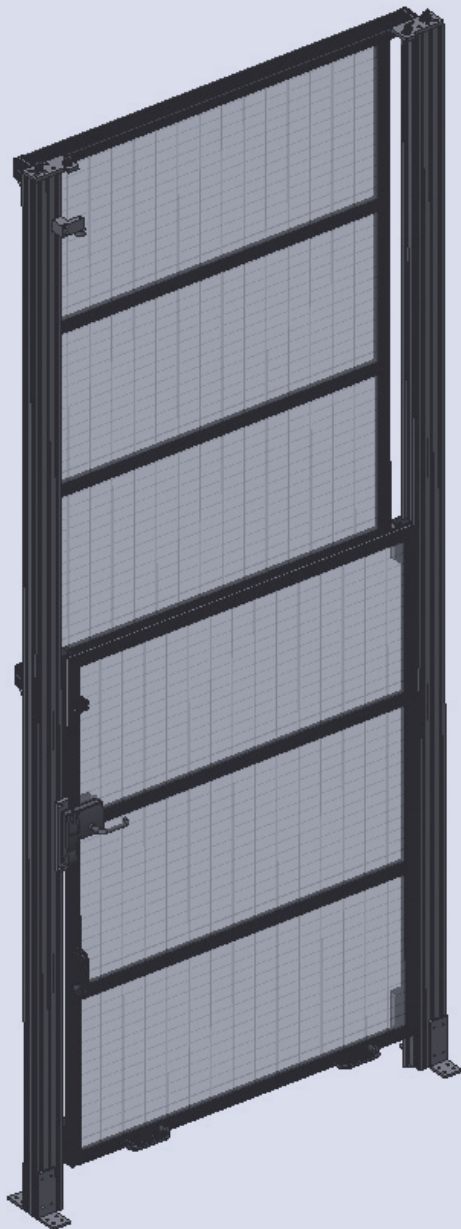
ALVÁRIS
PROFILE SYSTEMS



3. Lift gates

Lift gates and lift elements are frequently used in workshops and industrial environments. Usually, these gates and elements are used to separate machine areas or buildings for safety or security reasons. When selecting a lift gate it is important to check that enough vertical space is available. Should this not be the case, Alváris roller gates can be used as an alternative.

Installed example:



4. Roller gates

AlvÁris roller gates are technically sophisticated, save space and are readily available. They have been designed for the requirements in industrial buildings and workshops. We only produce solutions based on customer requirements.

Installed example:



5. STAHL safety fence

5.1 PENTA

The PENTA safety fence line is manufactured of a wire mesh fence with square meshes, which is rounded off at the edges and welded with a certain mesh width. This ensures maximum safety/security.

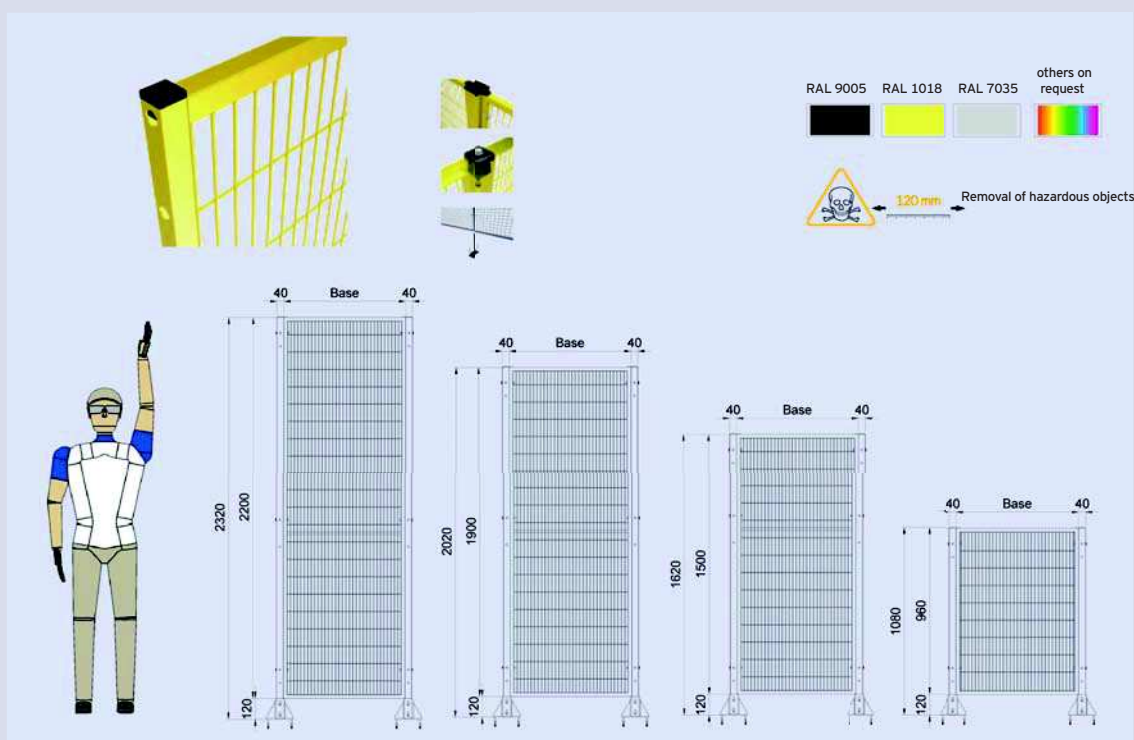
Basic technical data:

- Safety distance of at least 120 mm
- Welded mesh, mesh width 20 x 100 mm
- Resistance-welded steel wire, Ø 3 mm
- Frame made of square steel tube, 20 x 20 mm
- Surfaces powder-coated

Standard dimensions:

| Height in mm | Width in mm | | | | | | |
|-----------------|----------------|-----|-----|-----|-------|-------|-------|
| 960 | 250 | 400 | 700 | 800 | 1,000 | 1,200 | 1,500 |
| 1,500 | 250 | 400 | 700 | 800 | 1,000 | 1,200 | 1,500 |
| 1,900 | 250 | 400 | 700 | 800 | 1,000 | 1,200 | 1,500 |
| 2,200 | 250 | 400 | 700 | 800 | 1,000 | 1,200 | 1,500 |

Other sizes and colours on request



5.2 QUADRA

The QUADRA safety fence line is manufactured of a wire mesh fence with square meshes; it has a linear and rational appearance and the central cross bar increases visibility.

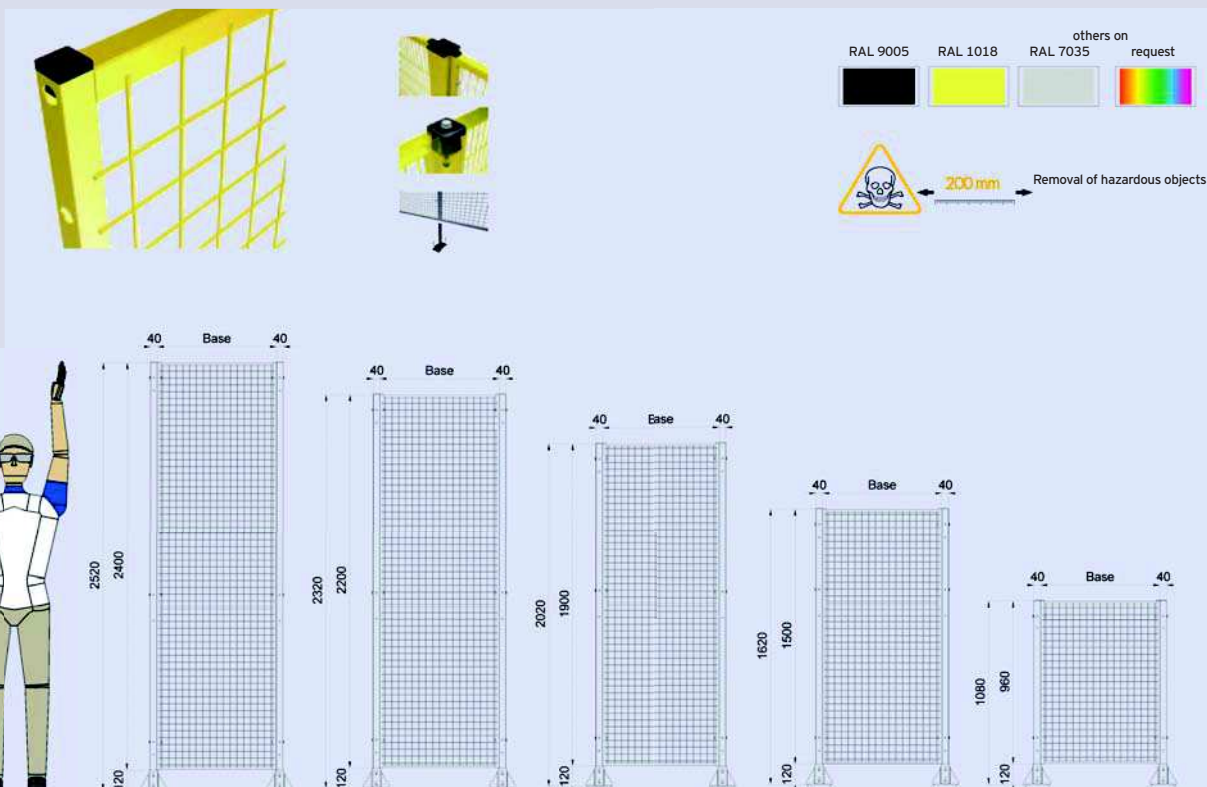
Basic technical data:

- Safety distance of at least 200 mm
- Welded mesh, mesh width 40 x 40 mm
- Resistance-welded steel wire, Ø 3 mm
- Frame made of square steel tube, 20 x 20 mm
- Surfaces powder-coated

Standard dimensions:

| Height | Width | | | | | | |
|--------|-------|-----|-----|-----|-------|-------|-------|
| in mm | in mm | | | | | | |
| 960 | 250 | 400 | 700 | 800 | 1,000 | 1,200 | 1,500 |
| 1,500 | 250 | 400 | 700 | 800 | 1,000 | 1,200 | 1,500 |
| 1,900 | 250 | 400 | 700 | 800 | 1,000 | 1,200 | 1,500 |
| 2,200 | 250 | 400 | 700 | 800 | 1,000 | 1,200 | 1,500 |
| 2,400 | 250 | 400 | 700 | 800 | 1,000 | 1,200 | 1,500 |

Other sizes and colours on request



5.3 LAMIERA and LEXAN

The solid sheet safety system is used where there is a risk of material escaping from the production process (welding machines, spindle machines).

The solid sheet elements can also be fitted with viewing panels made of toughened glass together with polycarbonate panels or with UV-resistant panels.

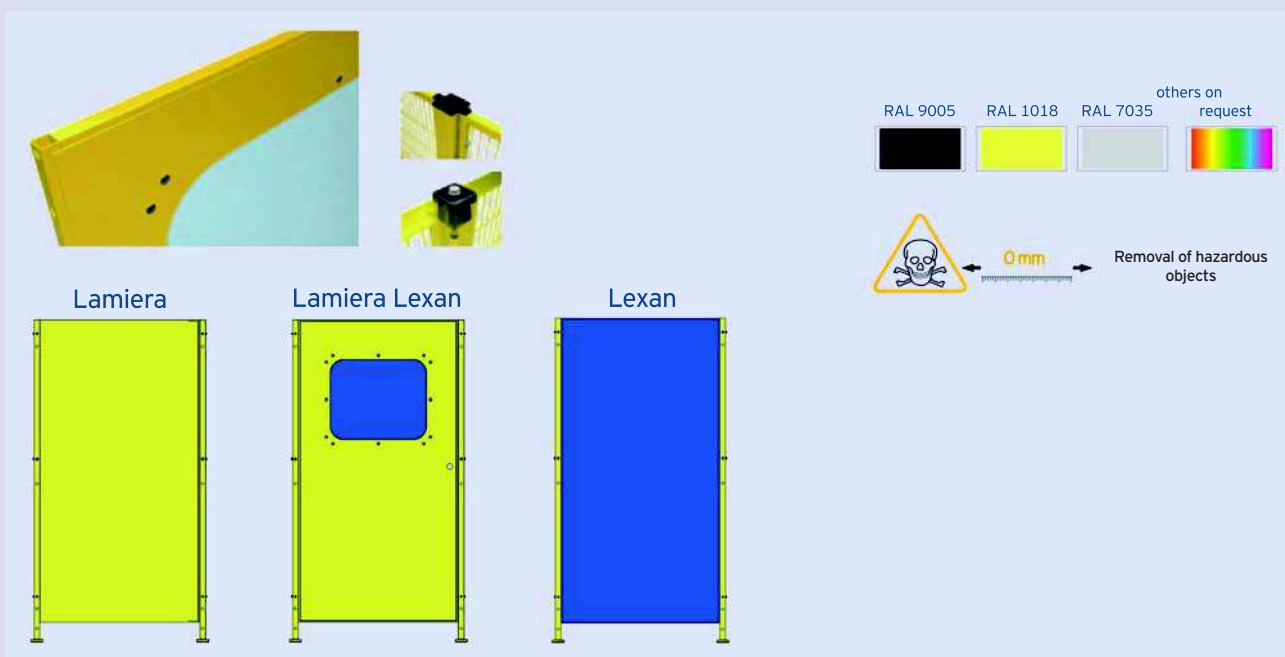
Basic technical data:

- Solid metal sheet
 - Leaf 15/10 or 20/10
 - Leaf 15/10 or 20/10 with viewing panel or with laser radiation-absorbing polycarbonate
 - Polycarbonate Lexan, 4 mm, 6 mm, 8 mm, 10 mm, 20 mm
- Standard dimensions of viewing panel: 600 mm (H) x 500 mm (W)
- Frame made of square steel tube, 20 x 20 mm
- Surfaces powder-coated, anti-reflective and with stroboscopic effect

Standard dimensions:

| Height | Width | | | | | | |
|--------|-------|-----|-----|-----|-------|-------|-------|
| in mm | in mm | | | | | | |
| 960 | 250 | 400 | 700 | 800 | 1.000 | 1.200 | 1.500 |
| 1.500 | 250 | 400 | 700 | 800 | 1.000 | 1.200 | 1.500 |
| 1.900 | 250 | 400 | 700 | 800 | 1.000 | 1.200 | 1.500 |
| 2.200 | 250 | 400 | 700 | 800 | 1.000 | 1.200 | 1.500 |
| 2.400 | 250 | 400 | 700 | 800 | 1.000 | 1.200 | 1.500 |

Other sizes and colours on request



5.4 META ® post

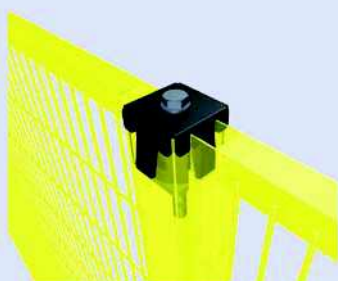
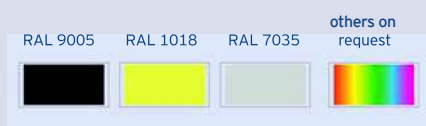
The Meta ® post has been patented and complies with standards EN 13857:2008, EN 12100 and Machine Directive 42/2006 with respect to the development and construction of safety fences for work areas covered by the Machine Directive.

The Meta ® system includes posts and fixing clamps, as well as all accessories required for correct installation; also included is a welded or, if required, adjustable foot plate, top dowels and dowels for ground fixing.

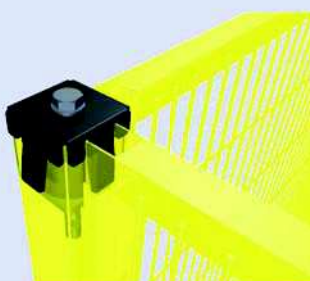
Standard dimensions:

| | Post height in mm | | | | |
|----------------|-------------------|-------|-------|-------|-------|
| | 1,080 | 1,620 | 2,020 | 2,320 | 2,520 |
| META ® 40 x 40 | ✓ | ✓ | ✓ | ✓ | – |
| META ® 60 x 60 | – | ✓ | ✓ | ✓ | ✓ |

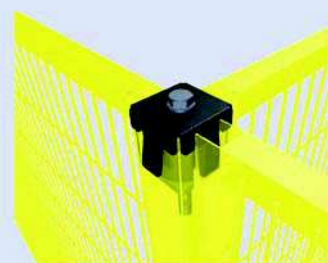
Other sizes and colours on request



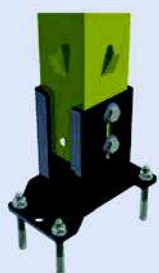
META post
Linear



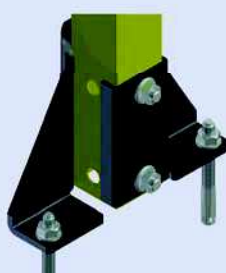
META post
Corner connection



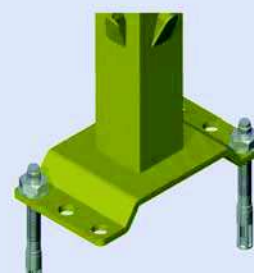
META post
T-connection



Adjustable Basic element
60 x 60 DBS



Adjustable Basic element
40 x 40 REGOLO



Welded Basic element
DBS

5.5 Post with screw fixing

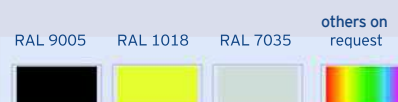
Where it is not necessary to remove panels from the safety fence, straightforward fixing with screws may be the most obvious solution. Access offers complete and individually packaged installation kits with fixing screws for the wall components, fixing screws for the Basic elements, PVC caps and dowels for ground fixing.

The fixing kits for screw fixing are available for sections 40–60–80 mm and for the following connectors: linear, 90°, non-rectangular, closing and door, "T" and "X" connectors.

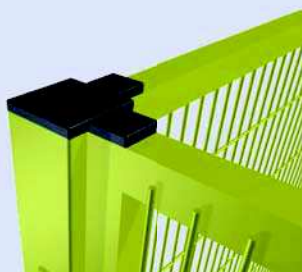
Standard dimensions:

| | Post height in mm | | | | |
|----------------------|-------------------|-------|-------|-------|-------|
| | 1,080 | 1,620 | 2,020 | 2,320 | 2,520 |
| BASE ELEMENT 40 x 40 | ✓ | ✓ | ✓ | ✓ | – |
| BASE ELEMENT 60 x 60 | – | ✓ | ✓ | ✓ | ✓ |
| BASE ELEMENT 80 x 80 | – | – | – | – | – |

Other sizes and colours on request



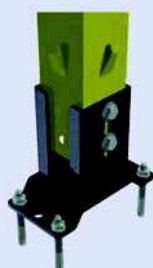
Post with fixing screws –
linear



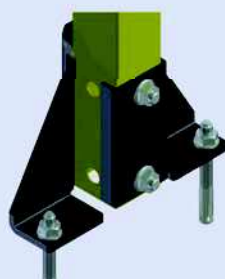
Post with fixing screws –
corner connection



Post with fixing screws –
T-connection



Adjustable Basic element
60 x 60 DBS



Adjustable Basic element
40 x 40 REGOLO



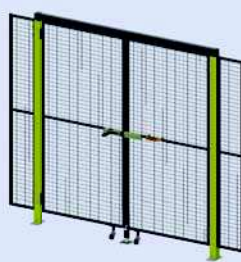
Welded Basic element
DBS

5.6 Door systems

We offer a wide range of typical types of doors, including: single and double hinged doors, sliding doors with guide rail or guide rollers, folding/sliding doors, folding doors and swing doors. See examples.



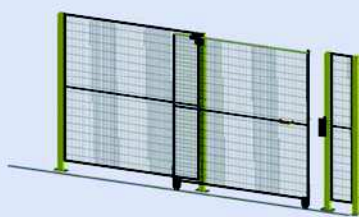
Single hinged door



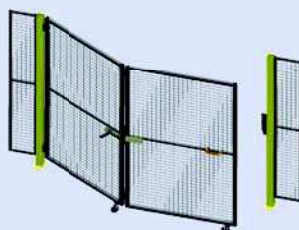
Double hinged door



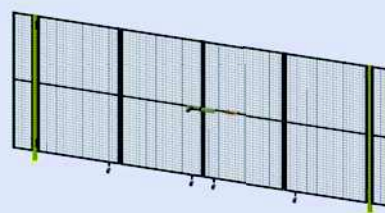
Single sliding door with
guide rail at top



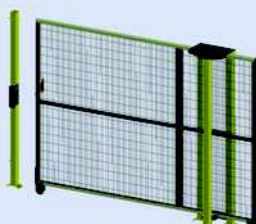
Single sliding door with
guide rail at bottom



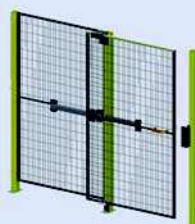
Single folding door



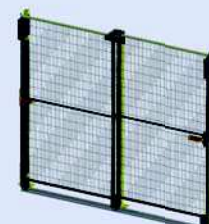
Double folding door



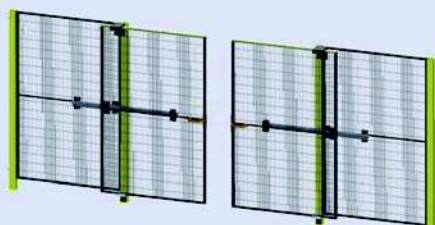
Single sliding door with
guide rollers



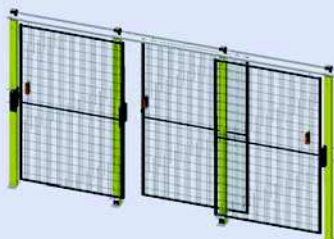
Single telescopic door



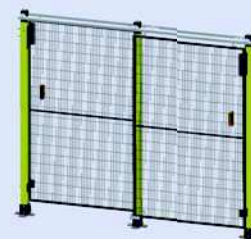
Double sliding door with
guide rail at bottom



Double telescopic doors



Triple sliding door
with guide rail at top



Double sliding door with
guide rail at top

Other types available on request

5.7 Closing systems

The closing/control system was developed, following the required risk analysis, in order to achieve the performance level in compliance with the criteria of standard 13849 (safety-related control elements).

A number of solutions are proposed for the most frequent situations using standardised modules and integrated components (see examples) with tried-and-tested mechanical locks. All systems can be manually opened from the inside in an emergency when accidental closing means that a person inside is at risk, thus preventing a re-start of the machine.

Euchner CES

- Proximity switch
- Safety/security system PL e, category 4, SIL 3
- For use in extreme conditions
- No wear of mechanical parts
- Allows adaptations in the case that the door lacks precision
- This system can be fitted to all types of doors



Euchner MGB

- Mechanical locking and security of contactless RFID switches
- Safety/security system PL e, category 4, SIL 3
- As an option, the module can be fitted in a lock with illuminated buttons and emergency OFF switch
- Can be optionally supplied with an internal emergency OFF switch for the safety area
- Robust design with metal alloy, housing made of plastic with glass-fibre reinforcement
- This system can be fitted to all types of doors



Euchner GP1

- Contact switch GP1 for use with the Clo.Sys® locking system
- The Clo.Sys® system enables the controlled insertion of the actuator
- Safety/security system PLd, category 3, SIL 2
- Economic solution when non-locking of the door is required
- This system can be fitted to all types of hinged doors



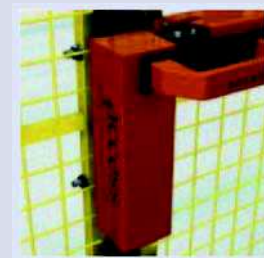
Euchner TP3

- Mechanical TP3 safety lock suitable for installation with the Clo.Sys® closing system
- The Clo.Sys® system enables the controlled insertion of the actuator
- Safety/security system PLd, category 3, SIL 2
- Can be optionally supplied with an internal emergency OFF switch for the safety area
- This system can be fitted to all types of hinged doors



Note on 3.7 locking systems

- For GP1 and TP3, the Clo.Sys® cover and lever can be fitted for opening from the inside.



5.7.1 Clo.Sys® closing system

The Clo.Sys® closing system has been developed for use with Euchner type safety switches TP3 and GP1, in compliance with the safety requirements for locking systems, safety fences and machines.

The most important benefits:

- Meets the requirements of ISO 13849
- Can be opened from the inside in an emergency
- Provides a mechanism; prevents accidental closing of the danger zone
- Powder-coated reflective orange, RAL 2004

Reference standards: UNI EN ISO 12100, UNI EN ISO 13849, UNI EN ISO 14119, IEC 62061

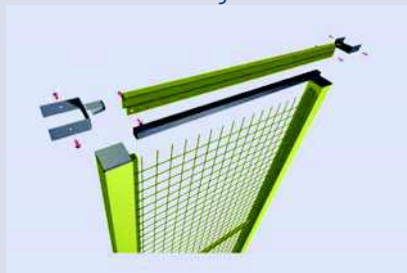
| Category | PL Performance Level | SIL Safety Integrity Level |
|----------------------|----------------------|----------------------------|
| (old standard EN954) | EN ISO 13849-1 | IEC 61508-7 |
| not defined | a | not defined |
| B | b | 1 |
| 1 | c | 1 |
| 2 | d | 2 |
| 3 | e | 3 |
| 4 | e | 3 |



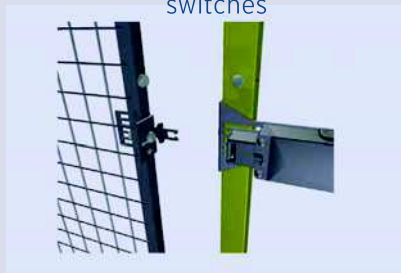
5.8 Accessories

This safety fence system offers a range of accessories

Set for reducing the plate height



Universal holder for the installation of actuators and micro-switches



Installation set for the installation of cables



Set for reducing the plate width



Set for the connection of plates with frame 20 x 20 or 30 x 30 mm



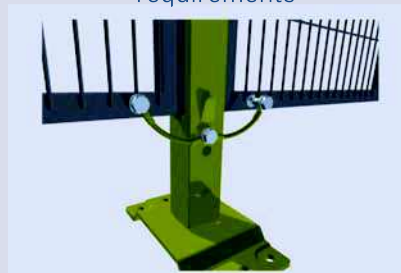
Cable duct holder



Set for adjusting to different installation heights



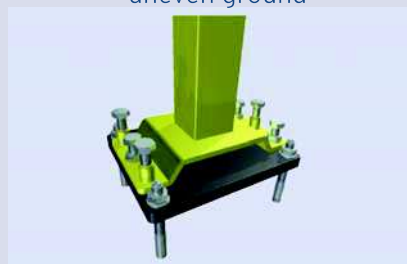
Earthing set to IEC 60204 requirements



Rubber seals including installation accessories



Post foot plate, adjustable for uneven ground



Ground fastening set for fixing



Line-Quick holder-less fastening system to EN ISO 14120 standard



5.9 Fall protection

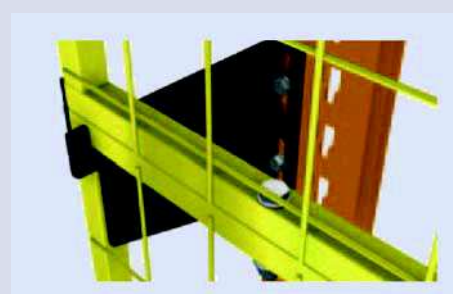
This system prevents objects falling from standard pallet racks and unauthorised entry to this space. Standard modular and scaleable wire mesh wall frames are produced using steel profiles and concrete reinforcement mesh. The frames are fitted with special connectors to allow them to be fastened to most rack systems. The installation of this barrier is not restricted by the height or length of the racks. Using the appropriate holder, it is possible to fit the barrier at the required distance on the vertical rack.

Basic technical data:

- Mesh size 60 x 80 mm or 50 x 50 mm
- Resistance-welded steel wire, Ø 3 mm
- Distance from racks: 50, 100, 150, 200, 250, 300, 350 and 400 mm

| Height | Width |
|--------|---------|
| in mm | in mm |
| 1,000 | 2,520 |
| 1,500 | – 2,520 |

Other sizes and colours on request



RAL 9005



RAL 1018



RAL 7035



others on request

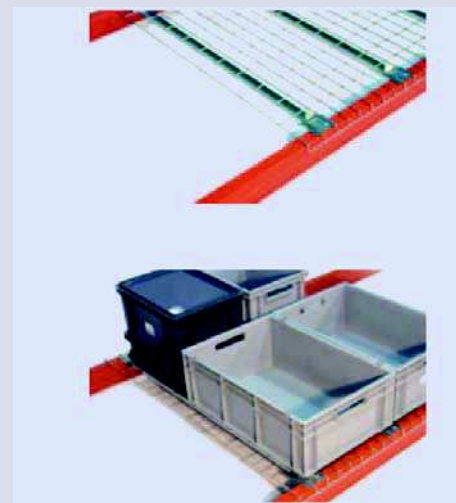


5.9.1 Wire mesh shelving

The purpose of wire mesh shelving is to prevent any collapse of pallets or other objects in a rack in the case of a fire in the storage area. At the same time, the sprinkler system can still function properly since the wire mesh has sufficient open space. Wire mesh shelves have been designed to ensure that their dimensions and loadbearing capacities are compatible with all rack systems available on the market.

Basic technical data:

- Width: 880, 1,090, 1,340 mm
- Depth: 1,000, 1,050, 1,100, 1,200 mm
- Loading: 800, 1,000 kg (evenly distributed)
- Diameter of wire: 5 mm
- Size of mesh: 50 x 100 mm
- Support: 1.5 mm
- Surface galvanised





The Alvárís conveyor technology solutions have been designed in line with current standards. We offer an extensive standard range – using a modular system – and also offer our customers a wide range of project-specific solutions. As an option, all our products can be extended using a substructure from our profile range.

1. Conveyor technology modules

- Drive options
- Configuration options

2. Belt conveyor

3. Chain conveyor

4. Toothed belt conveyor

5. Modular belt conveyor

6. Roller conveyor



1. Conveyor technology modules

Our conveyor belt modules have been designed in accordance with the following directive: 2006/42/EG Machinery Directive.

Drive options

AlvÁris uses motors with outstanding energy efficiency. As an option, we offer motors with rotary speed control via Smartphone.



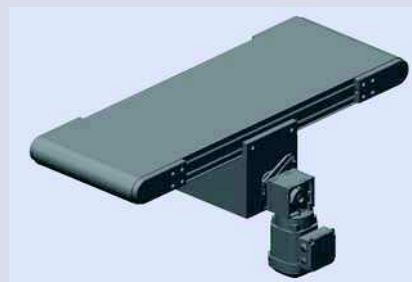
DIRECT DRIVE



INDIRECT DRIVE



DRUM MOTOR



CENTRAL DRIVE

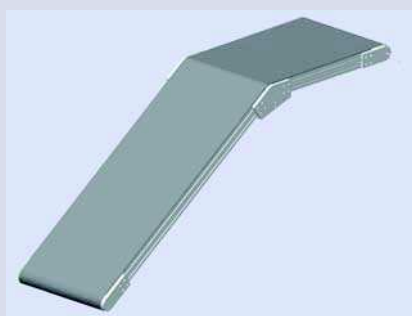
Configuration options



HORIZONTAL CONVEYOR



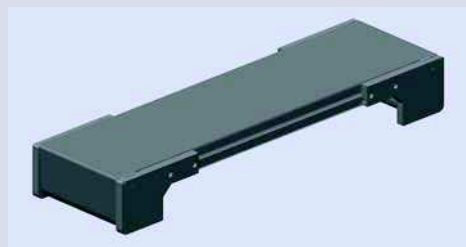
Z-SHAPED CONVEYOR



ANGLED FRAME CONVEYOR



CURVED FRAME CONVEYOR



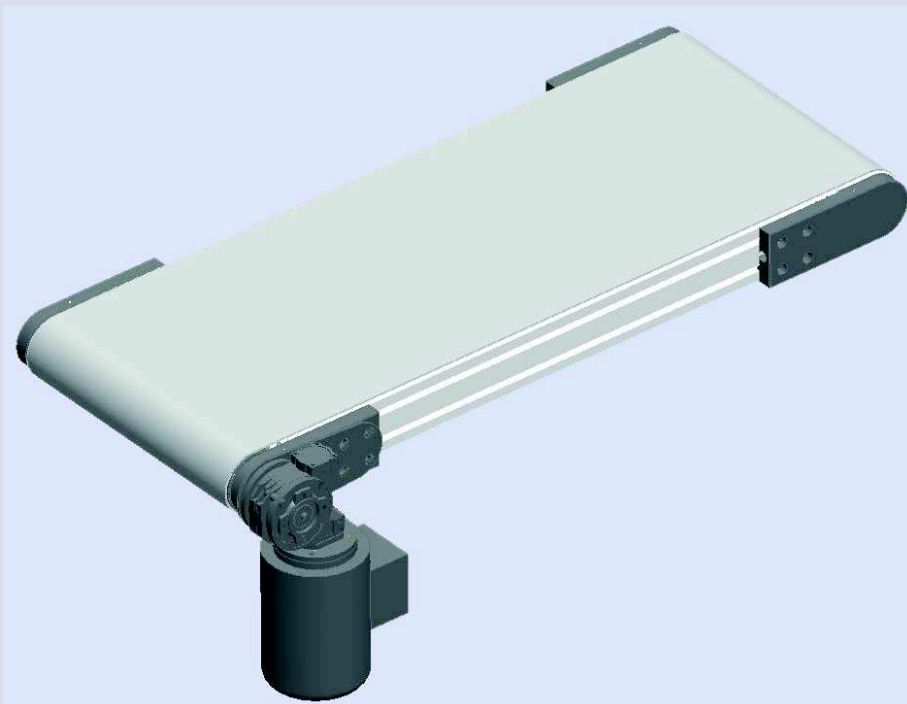
KNIFE-EDGE

2. Belt conveyor

Technical details

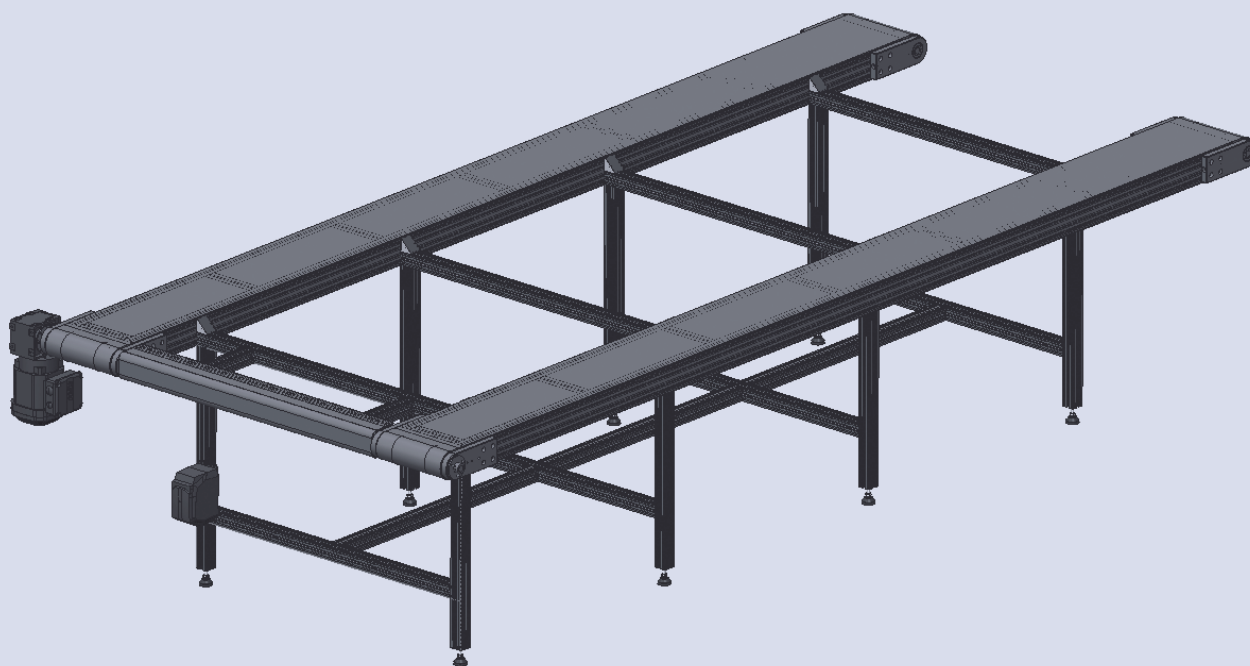
| | |
|------------------------|--|
| Size: | 40 mm, 80 mm |
| Conveyor widths: | For model size 40 mm → 40 – 600 mm |
| | For model size 80 mm → 40 – 1,000 mm |
| Conveyor lengths: | 500 – 10,000 mm |
| Conveyor speeds: | 0.1 – 80 m/min |
| Drive options: | Direct drive |
| | Indirect drive |
| | Central drive |
| | Drum motor (only with model size 80) |
| Configuration options: | Horiz. conveyor, angled frame conveyor, Z-shaped conveyor, knife-edge |
| Motor: | gear motor |

Other sizes available on request



Project image with substructure

The actual design depends on the conveyor system and load specification



3. Chain conveyor

Technical details

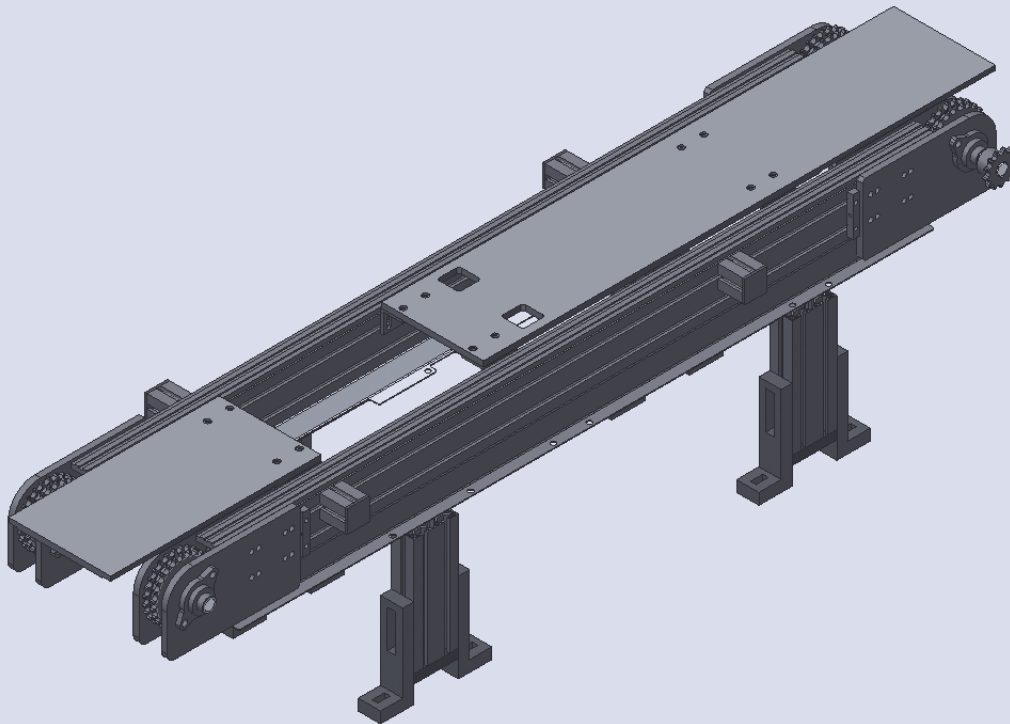
| | |
|------------------------|---------------------------------------|
| Size: | 40 mm, 80 mm |
| Conveyor widths: | For model size 40 mm → 200 – 1,000 mm |
| | For model size 80 mm → 200 – 1,000 mm |
| Conveyor lengths: | 500 – 6,000 mm |
| Conveyor speeds: | 0.1 – 30 m/min |
| Drive options: | Direct drive |
| | Indirect drive |
| Configuration options: | Horizontal conveyor |
| Motor: | gear motor |

Other sizes available on request



Project image with substructure

The actual design depends on the conveyor system and load specification

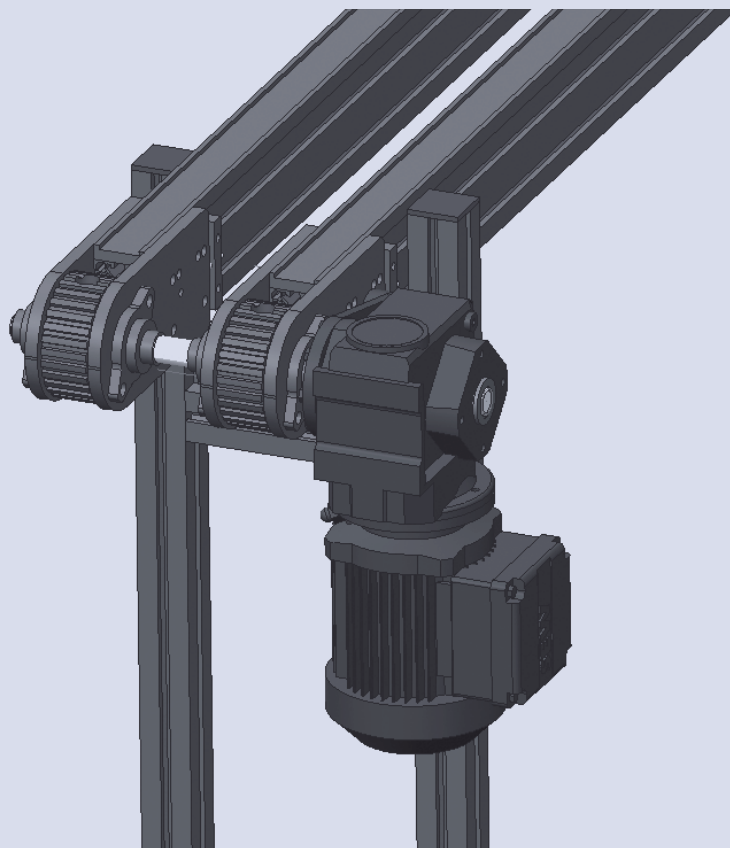


4. Toothed belt conveyor

Technical details

| | |
|------------------------|---------------------|
| Size: | 80 mm |
| Belt width: | 32 mm |
| Conveyor lengths: | 500 – 6,000 mm |
| Conveyor speeds: | 0.1 – 60 m/min |
| Drive options: | Direct drive |
| | Indirect drive |
| | Central drive |
| Configuration options: | Horizontal conveyor |
| Motor: | gear motor |

Other sizes available on request

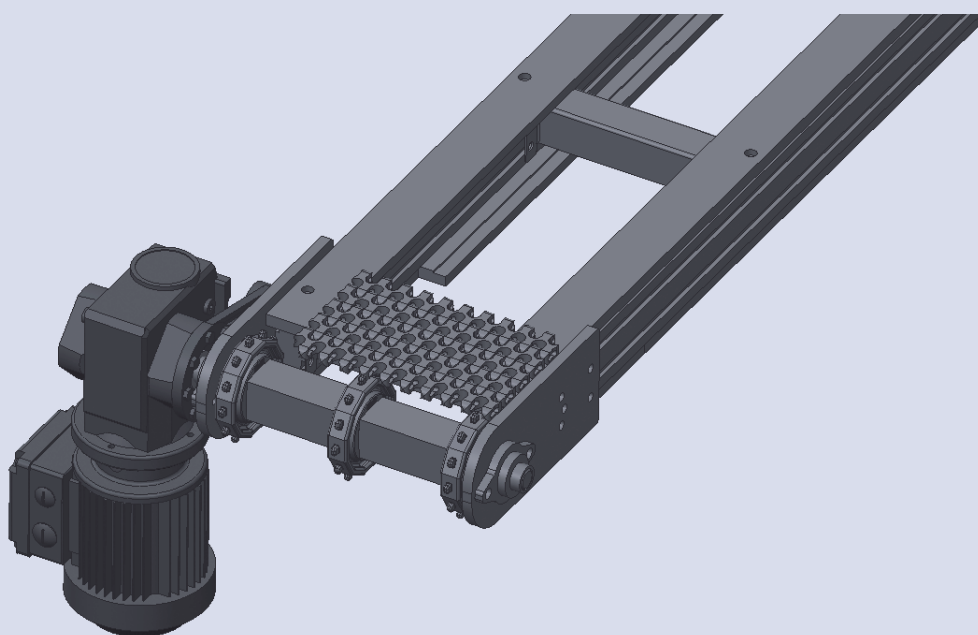


5. Modular belt conveyor

Technical details

| | |
|------------------------|---|
| Conveyor widths: | 150 – 2,000 mm |
| Conveyor lengths: | 600 – 12,000 mm |
| Conveyor speeds: | 0.1 – 30 m/min |
| Drive options: | Direct drive Indirect drive |
| Configuration options: | Horizontal conveyor, curved frame conveyor |
| Motor: | gear motor |

Other sizes available on request



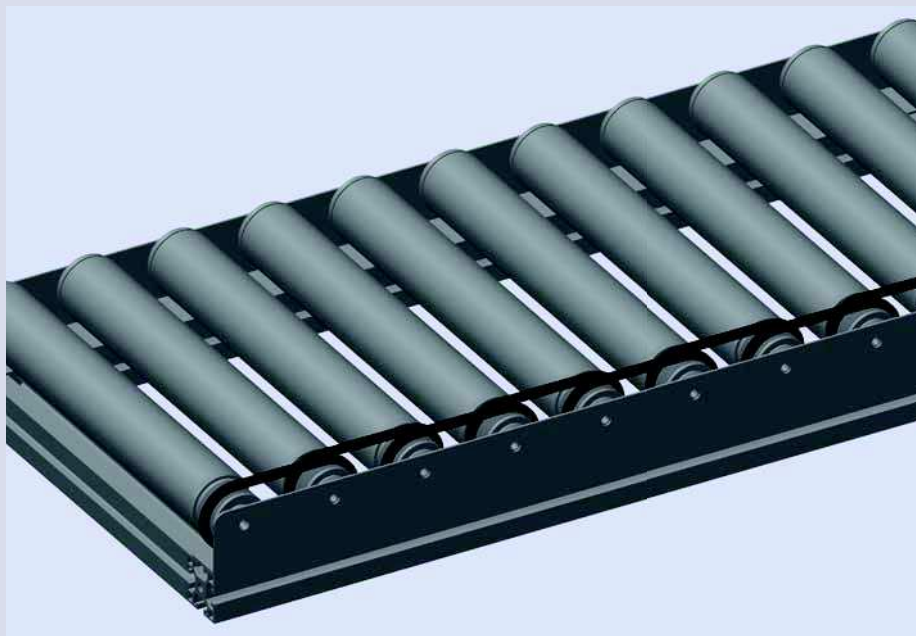
6. Roller conveyor

Technical details

| | |
|------------------------|---------------------|
| Conveyor widths: | 200 – 600 mm |
| Conveyor lengths: | 500 – 6,000 mm |
| Conveyor speeds: | 0.1 – 30 m/min |
| Drive options: | Direct drive |
| | Indirect drive |
| Configuration options: | Horizontal conveyor |
| Motor: | gear motor |
| | |

Available for supply also without drive, sizes on request

i Roller conveyors with drive are distributed by Alváris, Czech Republic.



Project image





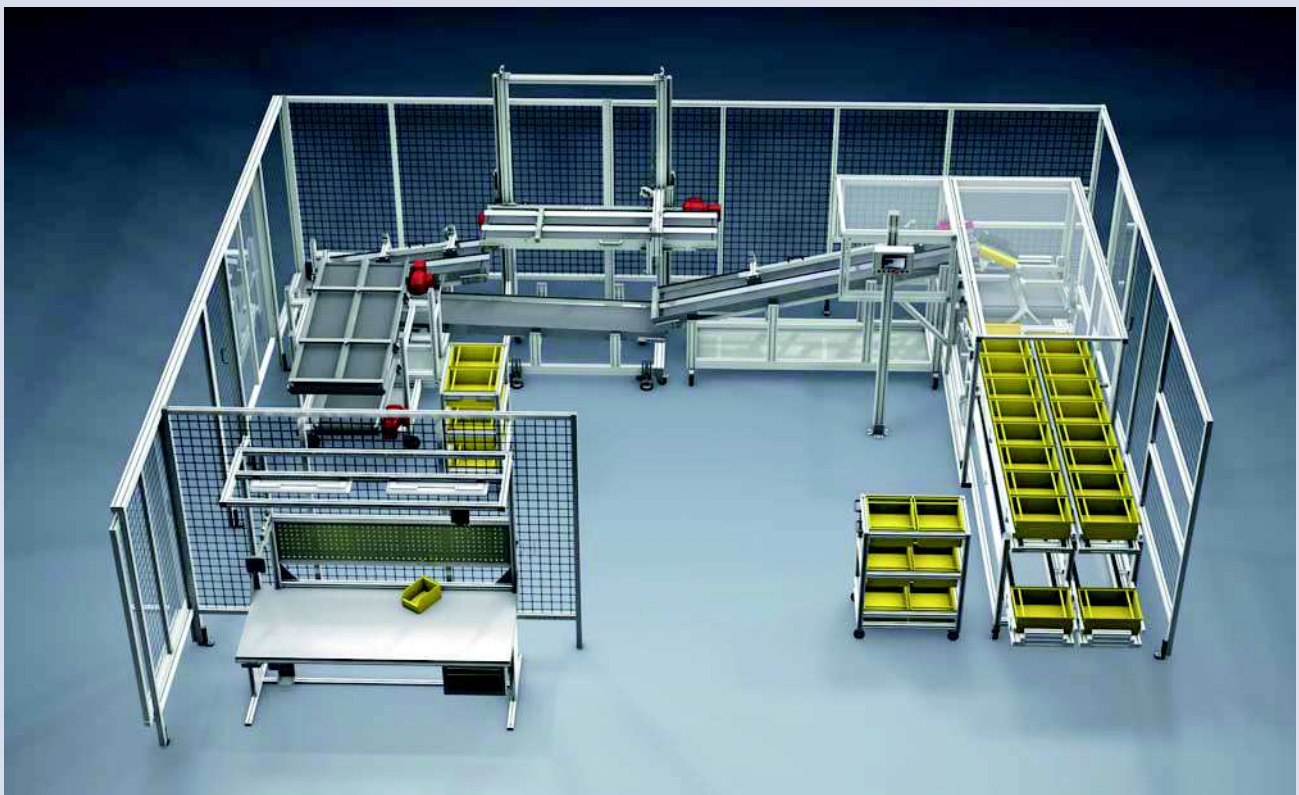
AlvÁris offers a wide range of customer-specific solutions in the field of automation technology. As general contractor, we can supply the design for projects or carry out the entire project from the design stage through to final completion as required by yourselves. We work with highly qualified staff with many years of relevant experience.

Our strengths:

- Enhancing your product quality
- Tried-and-tested modular systems ensure highly reliable processes
- Reducing costs by improving efficiency

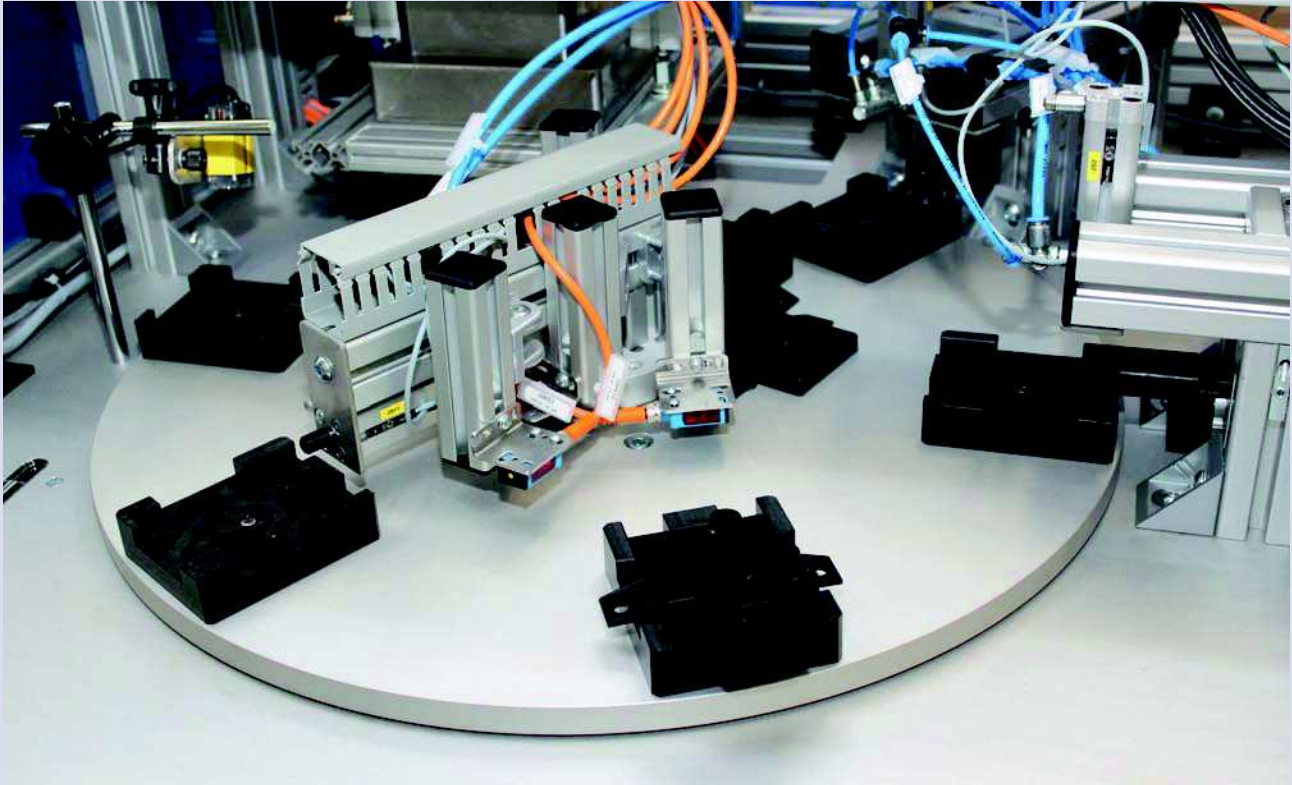
Pictures say more than words.

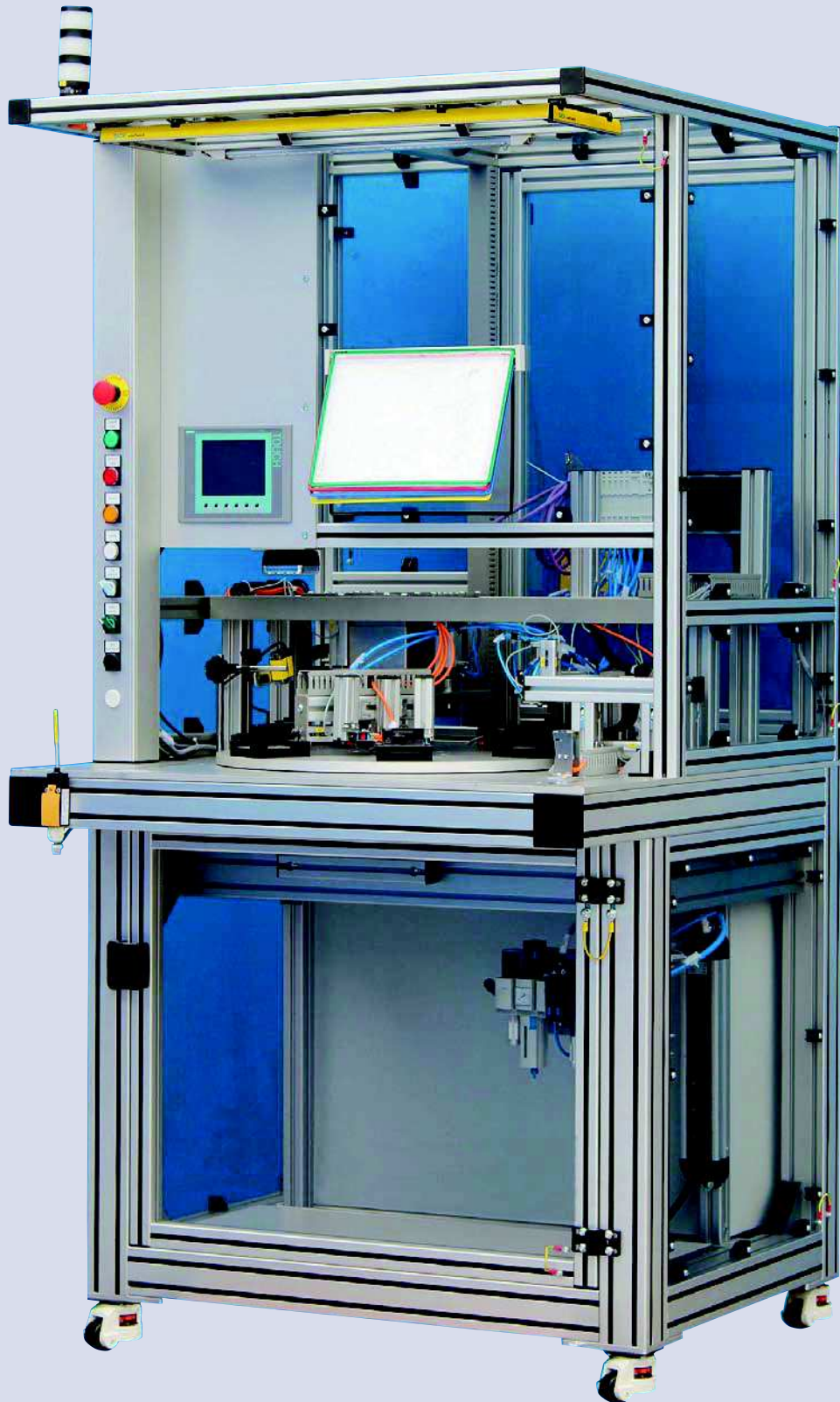
In the following section we present completed projects with descriptions. Build a picture of our range of services.



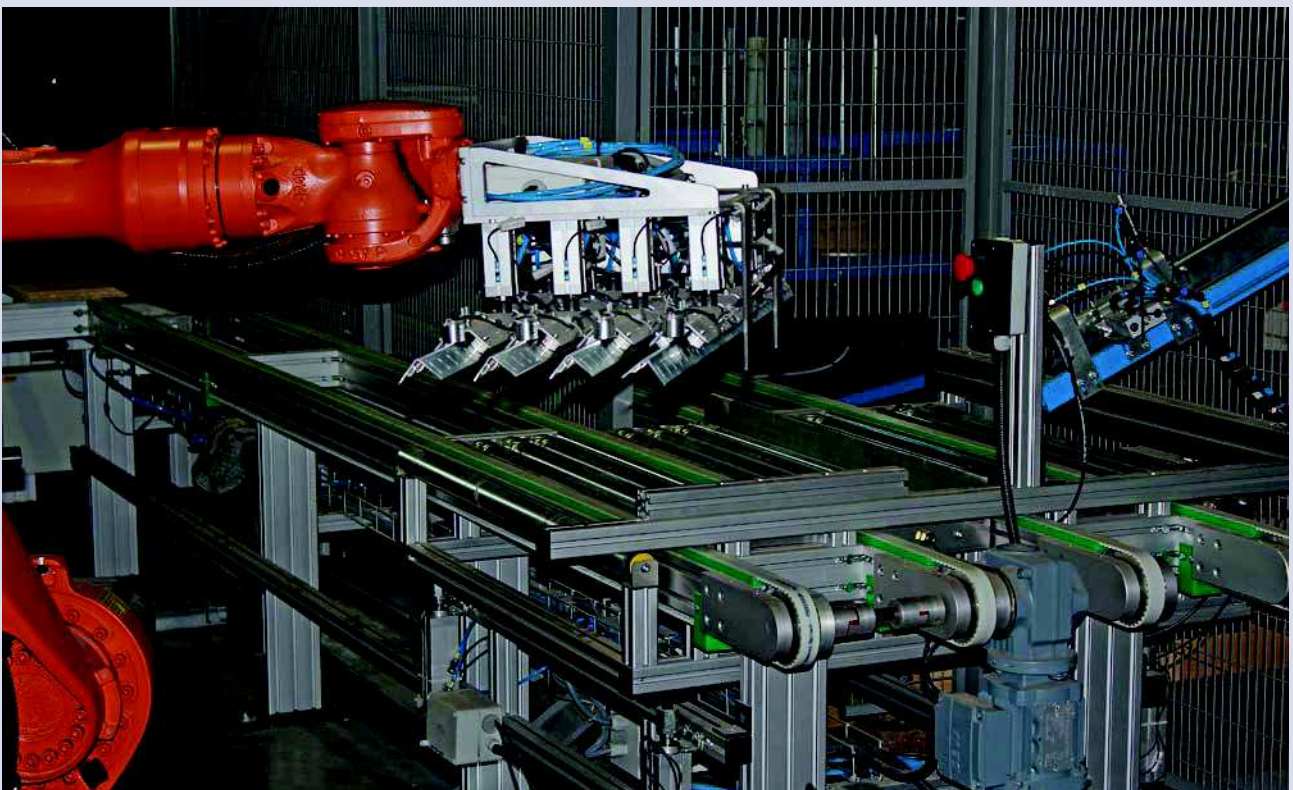












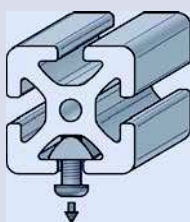


PROFILE MATERIAL

| | |
|---------------------|---|
| Short description: | AlMgSi 0.5 F25 |
| Material number: | 3.3206.72 |
| Condition: | heat tempered |
| Hardness: | approx. 75 HB |
| Tolerances: | according to DIN EN 12020 part 2 |
| Tensile strength: | at least 245 N/mm ² |
| Density: | 2.7 kg/dm ³ |
| Surface: | E6/EV1 nature anodised |
| Anodising strength: | at least 10 ↔m |
| Anodising hardness: | approx. 250 HV |
| Linear extension: | $\Delta l = 0.0000238 \times l \times \Delta t$ Δl = linear extension in mm l = profile length in mm Δt = temperature change |

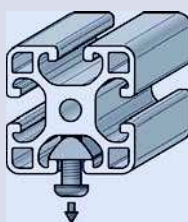
TRACTION LOADS / PRESTRESSING

PROFILE RANGE 40
HEAVY



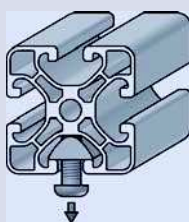
F=5000N

PROFILE RANGE 40
LIGHT



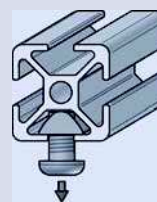
F=2500N

PROFILE RANGE 40
EXTRA LIGHT



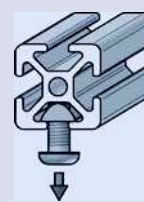
F=1750N

PROFILE RANGE 30

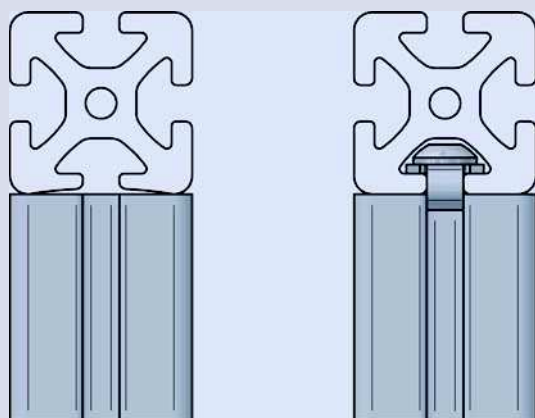


F=1000N

PROFILE RANGE 20



F=500N

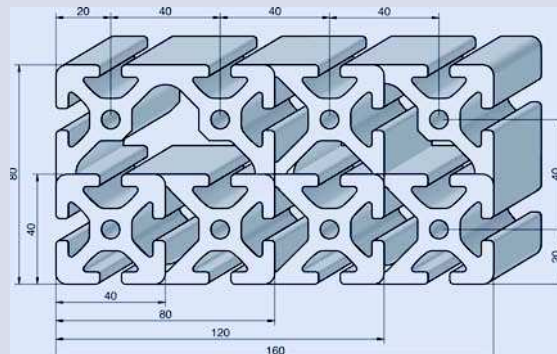


Initial load: due to the special contour of the profiles, there is always a natural initial load of the connection elements which represents protection against vibration.

PROFILE RANGE 40

Slot width 8mm

Tap hole for M8

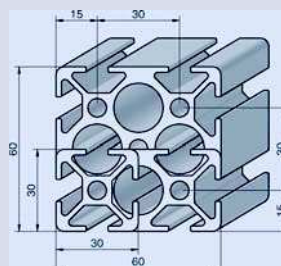


PROFILE RANGE 30

Slot width 8mm

Tap hole for M8

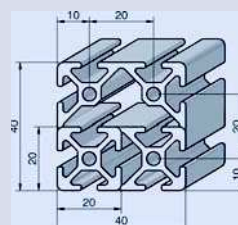
Profile series can be mixed among each other with restrictions. Not all accessory parts of the profile series 40 and the profile series 30 can be used (see various groove bar heights).



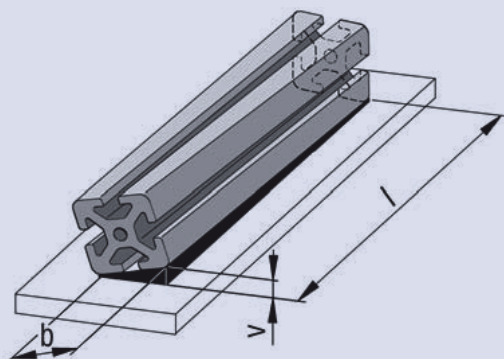
PROFILE RANGE 20

Slot width 5mm

Tap hole for M5



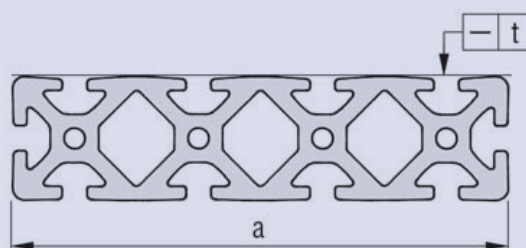
TWISTING



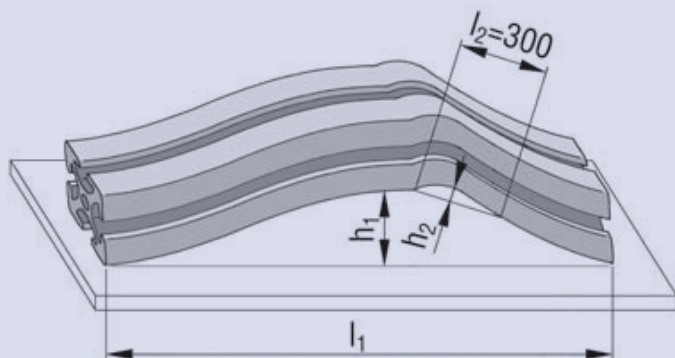
| b [mm] | | Tolerance of twisting (v) for length (l) [mm] | | | | | |
|--------|-----|---|----------|----------|----------|----------|----------|
| over | to | to 1,000 | to 2,000 | to 3,000 | to 4,000 | to 5,000 | to 6,000 |
| - | 25 | 1.0 | 1.5 | 1.5 | 2.0 | 2.0 | 2.0 |
| 25 | 50 | 1.0 | 1.2 | 1.5 | 1.8 | 2.0 | 2.0 |
| 50 | 75 | 1.0 | 1.2 | 1.2 | 1.5 | 2.0 | 2.0 |
| 75 | 100 | 1.0 | 1.5 | 1.8 | 2.2 | 2.5 | 3.0 |
| 100 | 125 | 1.2 | 1.5 | 1.8 | 2.2 | 2.5 | 3.0 |
| 125 | 150 | 1.2 | 1.5 | 1.8 | 2.2 | 2.5 | 3.0 |
| 150 | 200 | 1.5 | 1.8 | 2.2 | 2.6 | 3.0 | 3.5 |
| 200 | 300 | 1.8 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 |
| 300 | 320 | 2.0 | 2.0 | 3.5 | 4.0 | 4.5 | 5.0 |

STRAIGHTNESS TOLERANCE, TRANSVERSE

| Width (a) [mm] | | Straightness tolerance t [mm] |
|----------------|-----|----------------------------------|
| over | to | |
| 0 | 80 | 0.3 |
| 80 | 120 | 0.4 |
| 120 | 160 | 0.5 |
| 160 | 240 | 0.7 |
| 240 | 320 | 1.0 |



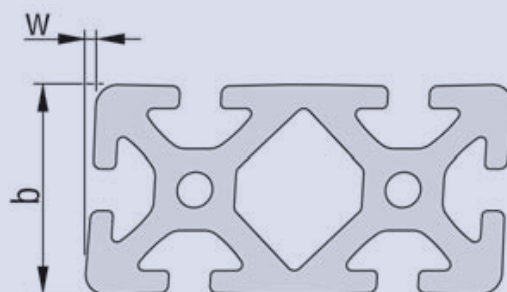
STRAIGHTNESS TOLERANCE, LONGITUDINAL



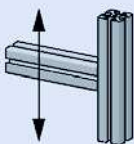









| Length l_1 [mm] | Tolerance | |
|----------------------|------------|--|
| | h_1 [mm] | h_2 |
| to 1,000 | 0.7 | |
| to 2,000 | 1.3 | For each longitudinal section $l_2 = 300$ mm the deviation |
| to 3,000 | 1.8 | |
| to 4,000 | 2.2 | |
| to 5,000 | 2.6 | h_2 must not exceed 0.3 |
| to 6,000 | 3.0 | mm |

ANGLE TOLERANCE

| Width (b) [mm] | | Angle tolerance |
|----------------|-----|-----------------|
| over | to | $w \pm$ [mm] |
| 0 | 20 | 0.2 |
| 20 | 40 | 0.4 |
| 40 | 80 | 0.6 |
| 80 | 120 | 0.8 |
| 120 | 200 | 1.2 |
| 200 | | 1.5 |



TECHNICAL BASICS

|  | Catalog Page Description | Profile Range | Displacement force | Torsion moment * | Bending moment * | Profile machining | Can be retrofitted into existing construction |
|---|------------------------------------|---------------|--------------------|------------------|------------------|-------------------|---|
|  | S.138 Screw in connector set 5 | 20 | | | | | |
| | S.51 Screw in connector set 8 30 | 30 | ++ | ++ | ++ | no | yes |
| | S.51 Screw in connector set 24mm | 40 | | | | | |
|  | S.52 Automatic connector set | 40 | ++ | ++ | + | no | yes |
|  | S.55 Bayonet connector | 40 | ++ | ++ | + | no | yes |
|  | S.46 Connector set 8 30 double | 30 | | | | | |
| | S.47 Connector set 8 60 double | 30 | ++ | ++ | ++ | yes | yes |
| | S.48 Connector set 40 double | 40 | | | | | |
| | S.48 Connector set 80 double | 40 | | | | | |
|  | S.46 Connector set 8 30 single | 30 | ++ | 0 | ++ | yes | yes |
| | S.47 Connector set 40 single | 40 | | | | | |
|  | S.53 Direct connector set double | 40 | + | ++ | ++ | yes 1 Gew | no |
|  | S.53 Direct connector set simple | 40 | + | ++ | ++ | yes 1 Gew | no |
|  | S.54 Mega connector ZAK | 40 | + | 0 | + | yes | yes |
|  | S.54 Central connector | 40 | + | 0 | ++ | yes 1 Gew | no |
| | | | | | | | |

++ very good

+ good

0 conditionally recommended

- not recommended

* depending on range and profile design

TB = Threaded bore

SB = Stepped bore

THB = Through bore

TECHNICAL BASICS

|  | Catalog Page Description | Profile Range | Displacement force | Torsion moment * | Bending moment * | Profile machining | Can be retrofitted into existing construction |
|---|---|----------------|--------------------|------------------|------------------|-------------------|---|
|  | S.139 Universal connector set 5 S.56 Universal connector set | 20 40 | ++ | ++ | ++ | yes je 1 StuBo | yes |
|  | S.65 Central connector w. horizontal Hammer S.65 Central connector w. vertical Hammer (see figure) | 40 40 | 0 | 0 | 0 | yes 2 StuBo | yes |
|  | S.140 Angle set 5 20x20 ZN S.141 Angle set 5 40x40 ZN | 20 20 | ++ | ++ | ++ | no | yes |
|  | S.71 Angle set 8 30x30 ZN S.71 Angle set 40x40 ZN S.72 Angle set 80x80 ZN | 30 40 40 | ++ | ++ | ++ | no | yes |
|  | S.72 Angle set 80x80x80Zn | 80 | ++ | ++ | ++ | no | yes |
|  | S.70 Angle 8 30x30 3 St S.70 Angle 40x40 5 St | 40 40 | + | + | + | no | yes |
|  | S.74 Angle 160x160 | 80 | ++ | ++ | ++ | no | yes |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

++ very good

+ good

0 conditionally recommended

- not recommended




* depending on range and profile design

TB = Threaded bore

SB = Stepped bore

THB = Through bore

TECHNICAL BASICS

|  | Catalog Page Description | Profile Range | Displacement force | Torsion moment * | Bending moment * | Profile machining | Can be retrofitted into existing construction |
|---|------------------------------------|---------------|--------------------|------------------|------------------|-------------------|---|
|  | S.138 Central plate set 5 | 20 | | | | yes | |
| | S.50 Central plate set 8 30 | 30 | ++ | + | + | 1 DuBo | no |
| | S.50 Central plate set | 40 | | | | 1 Gew | |
|  | S.138 Screw in connector set 5 | 20 | | | | | |
| | S.51 Screw in connector set 8 30 | 30 | ++ | ++ | ++ | no | yes |
| | S.51 Screw in connector set 24mm | 40 | | | | | |
|  | S.52 Automatic connector set | 40 | ++ | ++ | + | no | yes |
|  | S.55 Bayonet connector | 40 | ++ | ++ | + | no | yes |
|  | S.46 Connector set 8 30 double | 30 | | | | | |
| | S.47 Connector set 8 60 double | 30 | ++ | ++ | ++ | yes | yes |
| | S.48 Connector set 40 double | 40 | | | | | |
| | S.48 Connector set 80 double | 40 | | | | | |
|  | S.46 Connector set 8 30 single | 30 | ++ | ++ | ++ | yes | yes |
| | S.47 Connector set 40 single | 40 | | | | | |
|  | S.53 Direct connector set double | 40 | + | ++ | ++ | yes 1 Gew | no |
|  | S.53 Direct connector set simple | 40 | + | ++ | ++ | yes 1 Gew | no |
|  | S.54 Mega connector ZAK | 40 | + | 0 | + | yes | yes |
| | | | | | | | |

++ very good

+ good

0 conditionally recommended

- not recommended

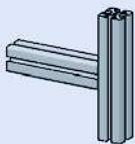





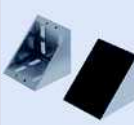


* depending on range and profile design

TB = Threaded bore

SB = Stepped bore

THB = Through bore

TECHNICAL BASICS

|  | Catalog Page Description | Profile Range | Displacement force | Torsion moment * | Bending moment * | Profile machining | Can be retrofitted into existing construction |
|---|--|---------------|--------------------|------------------|------------------|-------------------|---|
| | | | | | | | |
|  | S.54 Central connector | 40 | + | 0 | ++ | yes 1 Gew | no |
|  | S.139 Universal connector set 5 | 20 | ++ | ++ | ++ | yes | yes |
| | S.56 Universal connector set | 40 | | | | je 1 StuBo | |
|  | S.65 Central connector w. horizontal Hammer | 40 | 0 | 0 | 0 | yes | yes |
| | S.65 Central connector w. vertical Hammer (see figure) | 40 | | | | 2 StuBo | |
|  | S.140 Angle set 5 20x20 ZN | 20 | ++ | ++ | ++ | no | yes |
| | S.141 Angle set 5 40x40 ZN | 20 | | | | | |
|  | S.71 Angle set 8 30x30 ZN | 30 | | | | | |
| | S.71 Angle set 40x40 ZN | 40 | ++ | ++ | ++ | no | yes |
| | S.72 Angle set 80x80 ZN | 40 | | | | | |
|  | S.72 Angle set 80x80x80Zn | 80 | ++ | ++ | ++ | no | yes |
|  | S.70 Angle 8 30x30 3 St | 30 | + | + | + | no | yes |
| | S.70 Angle 40x40 5 St | 40 | | | | | |
|  | S.74 Angle 160x160 | 80 | ++ | ++ | ++ | no | yes |
| | | | | | | | |
| | | | | | | | |

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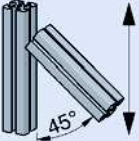



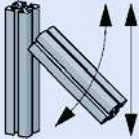

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TECHNICAL BASICS

|  | Catalog Page Description | Profile Range | Displacement force | Torsion moment * | Bending moment * | Profile machining | Can be retrofitted into existing construction |
|---|----------------------------------|---------------|--------------------|------------------|------------------|-------------------|---|
| | | | | | | | |
|  | S.55 Cross connector set | 40 | + | + | + | yes | yes |
|  | S.73 Angle element 1 40x40 45° | 40 | ++ | + | + | no | yes |
| | S.73 Angle element 1 40x80 45° | 40 | | | | | |
|  | S.75 Joint 8 30x30 | 30 | + | - | | no | yes |
| | S.76 Joint 40x40 | 40 | | | | | |
| | | | | | | | |
|  | Catalog Page Description | Profile Range | Displacement force | Torsion moment * | Bending moment * | Profile machining | Can be retrofitted into existing construction |
| | | | | | | | |
|  | S.75 Joint 8 30x30 | 30 | + | - | | no | yes |
| | S.76 Joint 40x40 | 40 | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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|  | Catalog Page Description | Profile Range | Displacement force | Torsion moment * | Bending moment * | Profile machining | Can be retrofitted into existing construction |
|---|-------------------------------|---------------|--------------------|------------------|------------------|-------------------|---|
|  | S.65 Parallel connector 8 | 40 | + | + | + | no | no |
|  | S.79 Locking square set | 40 | + | + | + | no | yes |
|  | S.78 Joint square set | 40 | + | + | + | no | yes |
|  | S.64 Position connector set | 40 | + | + | + | no | yes |
|  | Catalog Page Description | Profile Range | Displacement force | Torsion moment * | Bending moment * | Profile machining | Can be retrofitted into existing construction |
|  | S.65 Parallel connector 8 | 40 | + | ++ | + | no | no |
|  | S.79 Locking square set | 40 | + | + | + | no | yes |
|  | S.78 Joint square set | 40 | + | + | + | no | yes |
| | | | | | | | |

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* depending on range and profile design




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TECHNICAL BASICS

|  | Catalog Page Description | Profile Range | Displacement force | Torsion moment * | Bending moment * | Profile machining | Can be retrofitted into existing construction |
|---|---|---------------|--------------------|------------------|------------------|-------------------|---|
|  | S.139 Universal butt connector set 5 S.56 Universal butt connector set | 20 40 | + | + | + | yes | no |
|  | S.58 Butt connector set 40 double S.58 Butt connector set 80 double | 40 80 | ++ | ++ | ++ | yes | no |
|  | S.57 Screw in butt connector set | 40 | + | + | 0 | no | yes |
|  | S.58 Automatic butt connector set | 40 | + | + | 0 | no | yes |

| | | | | | | | |
|---|--|----------|---|---|---|-----|-----|
|  | S.59 Butt connector 8 M8x12 | 40 | + | + | + | yes | yes |
|  | S.69 Bracket 8 60x30x3 St S.69 Bracket 80x40x5 St | 30 40 | + | + | + | no | yes |
|  | S.69 Bracket 160x80x5 St | 40 | + | + | + | no | yes |
| | | | | | | | |
| | | | | | | | |

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0 conditionally recommended

- not recommended

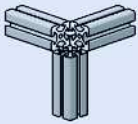


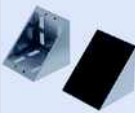



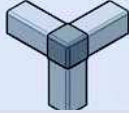


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TECHNICAL BASICS

|  | Catalog Page Description | Profile Range | Displacement force | Torsion moment * | Bending moment * | Profile machining | Can be retrofitted into existing construction |
|---|---|----------------|--------------------|------------------|------------------|-------------------|---|
|  | S.140 Angle set 5 20x20 ZN S.141 Angle set 5 40x40 ZN | 20 20 | ++ | ++ | ++ | no | yes |
|  | S.71 Angle set 8 30x30 ZN S.71 Angle set 40x40 ZN S.72 Angle set 80x80 ZN | 30 40 40 | ++ | ++ | ++ | no | yes |
|  | S.72 Angle set 80x80x80Zn | 80 | ++ | ++ | ++ | no | yes |
|  | S.70 Angle 8 30x30 3 St S.70 Angle 40x40 5 St | 30 40 | + | + | + | no | yes |
|  | S.74 Angle 160x160 | 80 | ++ | ++ | ++ | no | yes |
|  | S.60 Connector set 8 R30 90° S.63 Connector set R40 90° | 30 40 | ++ | 0 | 0 | yes 3 Gew | |
|  | S.60 Connector set 8 30x30x30 S.62 Connector set 40x40x40 | 30 40 | ++ | 0 | 0 | yes 3 Gew | |
|  | S.62 Connector set 40x40x45° | 40 | ++ | 0 | 0 | yes 3 Gew | |
|  | S.61 Cube connector 30 3D | 30 | ++ | + | ++ | yes 3 Gew | |
| | | | | | | | |

++ very good

+ good

0 conditionally recommended

- not recommended

* depending on range and profile design

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SB = Stepped bore

THB = Through bore

A

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| Angle set 5 20x20 Zn | 140 |
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| | | | |
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SITES

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