SUN
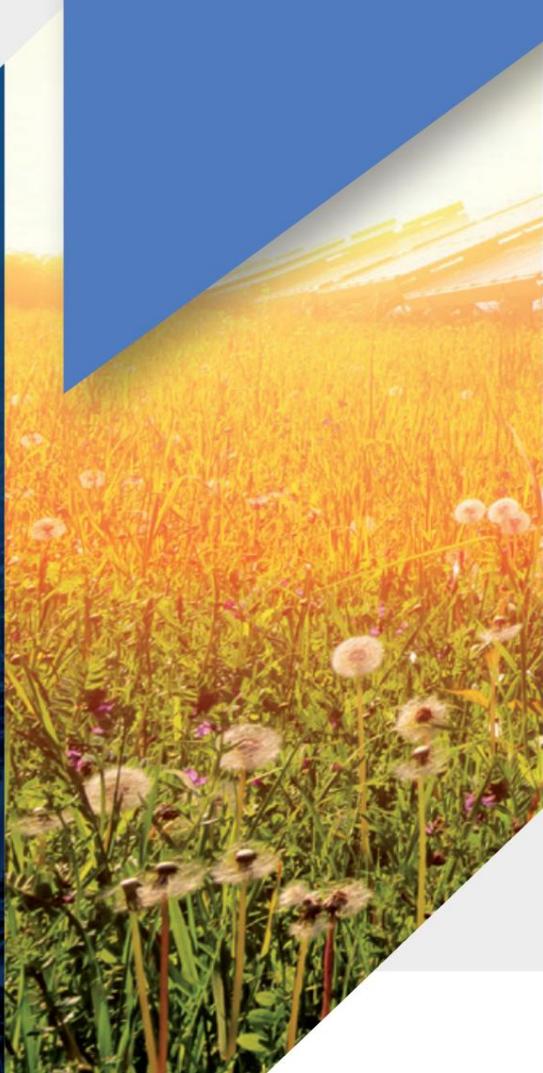# POWER
with profile

DELIVERY PROGRAMM

PROFINAL

MONTAGESYSTEME FÜR SOLARTECHNIK

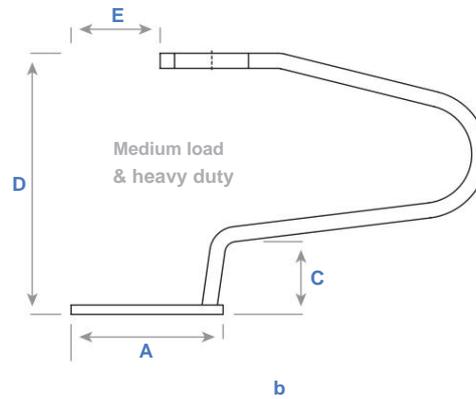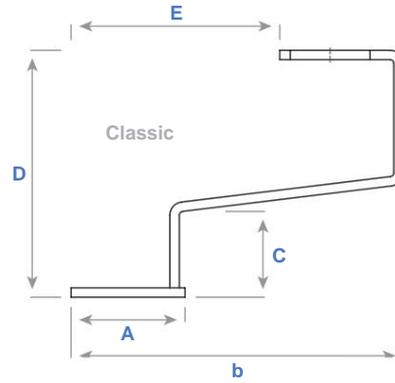# Table of contents

Mounting system
for tiled roofs

PROFINAL

■ Roof hooks - classic - medium load - heavy duty

Classic

Medium load
& heavy duty

Article no.

Classic: **201.9521-0-150x60XX**
Medium load: **201.9521-1-180x80XX**
Heavy duty: **201.9523-1-180x80XX**

A	b	C	D	E	hanger	hanger
base plate in mm	overall length in mm	Temple height in mm	Total height in mm	Supplementary measure in mm	in mm	stainless steel
150x60x4	175	45	130	110	30x5	1.4016 **Classic**
180x80x4	204	35, 40, 45	131.5	18	35x6	1.4301 **medium load**
180x80x5	204	40, 45	131.5	18	35x8	1.4301 **heavy duty**

Base plate: stainless steel 1.4016

The roof hook is screwed with at least two 8 mm washer head screws.
The mounting rail is connected using a hex screw M10 or
M10 hammer head screw and a flange nut with M10 locking teeth.

Roof hook - 3-way adjustable
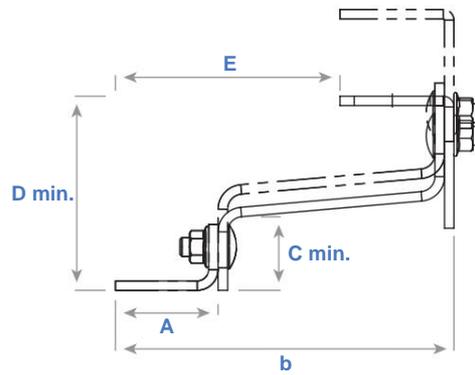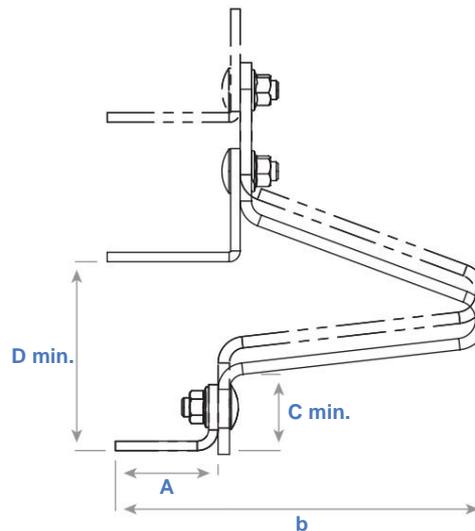

Article no.
201.9525-0-140X56#T

A	b	C	D	E	
base plate in mm	overall length in mm	Temple height in mm min - max	Total height in mm	Supplementary measure in mm	hanger in mm
140x56x5	169	38.5 - 51.5	124.5 - 148	114	30x5

Material variant 1: Base plate: stainless steel 1.4016 bracket: stainless steel 1.4301

Material variant 2: Base plate: stainless steel 1.4016 bracket: stainless steel 1.4016

The roof hook is screwed with at least two 8 mm washer head screws.
The mounting rail is connected using a hex screw M10 or
M10 hammer head screw and a flange nut with M10 locking teeth.

Roof hook

3-way adjustable - Stabilo

Article
no. 201.9525-5-140x56#T

A	b	C	D	
base plate in mm	overall length in mm	Temple height in mm min - max	Total height in mm min - max	hanger in mm
140x55x5	196.5	40 - 53	105 - 170	70x35

Material: Base plate: stainless steel 1.4016 Bracket: stainless steel 1.4301

The roof hook is screwed with at least two 8 mm washer head screws.
The mounting rail is connected using a hex screw M10 or
M10 hammer head screw and a flange nut with M10 locking teeth.

PROFINAL

Roof hook - 2-way adjustable lateral connection

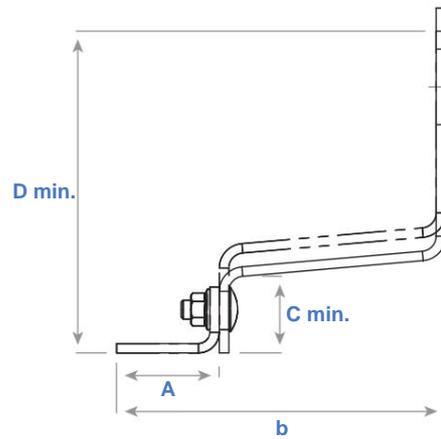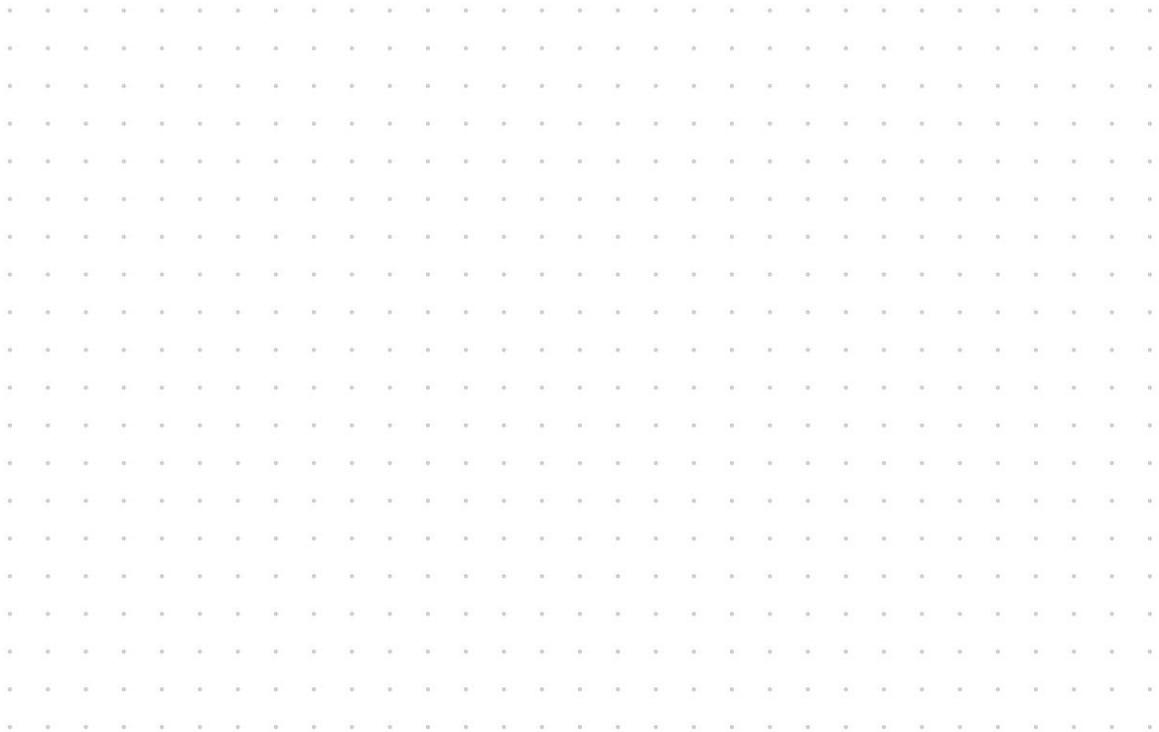| A	b	C	D
base plate in mm	overall length in mm	Temple height in mm min - max	Total height in mm min - max
140x55x5	175	40 - 53	161 - 174

Material: Base plate: stainless steel 1.4016 Bracket: stainless steel 1.4016

The roof hook is screwed with at least two 8 mm washer head screws.
The mounting rail is connected using a hex screw M10 or
M10 hammer head screw and a flange nut with M10 locking teeth.

Roof hook - plain tail
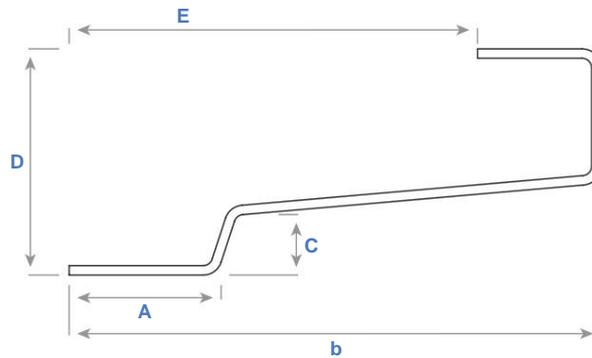
Article no.
201.105.BIBER30x5

A	b	C	D	E	
base plate in mm	overall length in mm	Temple height in mm	Total height in mm	Supplementary measure in mm	
56.5x30x5	265	32	120	200	**Short version**
70x30x5	280	30	120	215	**Long version**
Material variant short & long: stainless steel 1.4301					
Elongated hole dimensions, connection to the module rail: 40 x 11mm					

The roof hook is screwed with at least two 8 mm washer head screws.
The mounting rail is connected using a hex screw M10 or
M10 hammer head screw and a flange nut with M10 locking teeth.
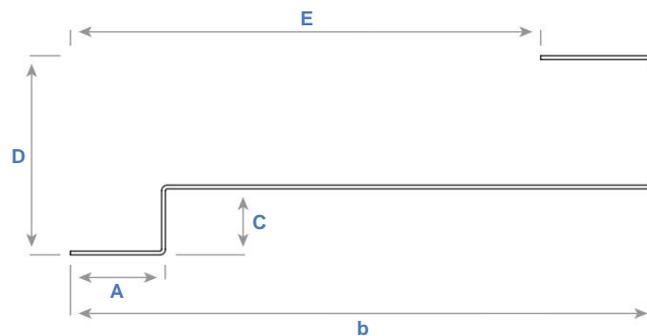
Roof hook - plain tail - double cover

Article no.
201.9521-BIBERDD#T

A	b	C	D	E
base plate in mm	overall length in mm	Temple height in mm	Total height in mm	Supplementary measure in mm
150x50x2	308	35	105.6	247.5
Material variant short & long: stainless steel 1.4301				
3 connection points for the horizontal rail: 29.5 x 10.5 mm slot				

The roof hook is screwed with at least two 8 mm washer head screws.
The mounting rail is connected using a hex screw M10 or
M10 hammer head screw and a flange nut with M10 locking teeth.

Roof hook - shingle
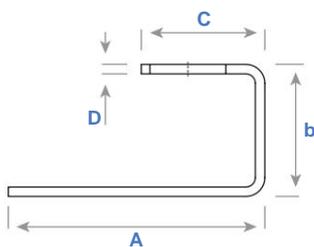
Article no.
201.9521 shingle

A	b	C	D
base plate / overall length in mm	Total height / Temple height in mm	Hook in mm	Material thickness in mm
135x30	70	65x30	5
Material: stainless steel 1.4016			
Elongated hole dimensions, connection to the module rail: 40 x 11mm			

The roof hook is screwed with at least two 6 mm wood screws.
The mounting rail is connected using a hex screw M10 or
M10 hammer head screw and a flange nut with M10 locking teeth.

Roof hook - slate
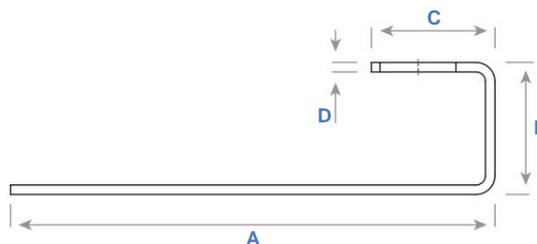
Article no.
201.9521-SCH.30x5

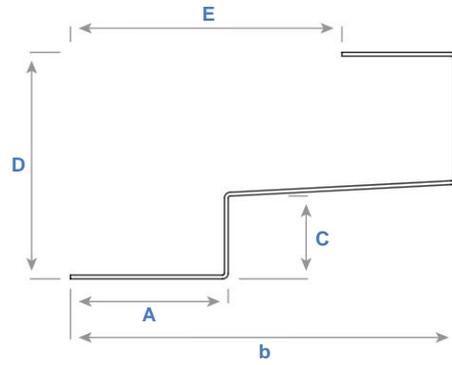| A	b	C	D
base plate / overall length in mm	Total height / Temple height in mm	Hook in mm	Material thickness in mm
255x30	70	65x30	5
Material: stainless steel 1.4016			
Elongated hole dimensions, connection to the module rail: 40 x 11mm			

The roof hook is screwed on with three 6 mm countersunk screws.
The mounting rail is connected with a hex screw M10 or
M10 hammer head screw and a flange nut with M10 locking teeth.

Roof hook - Tegalit
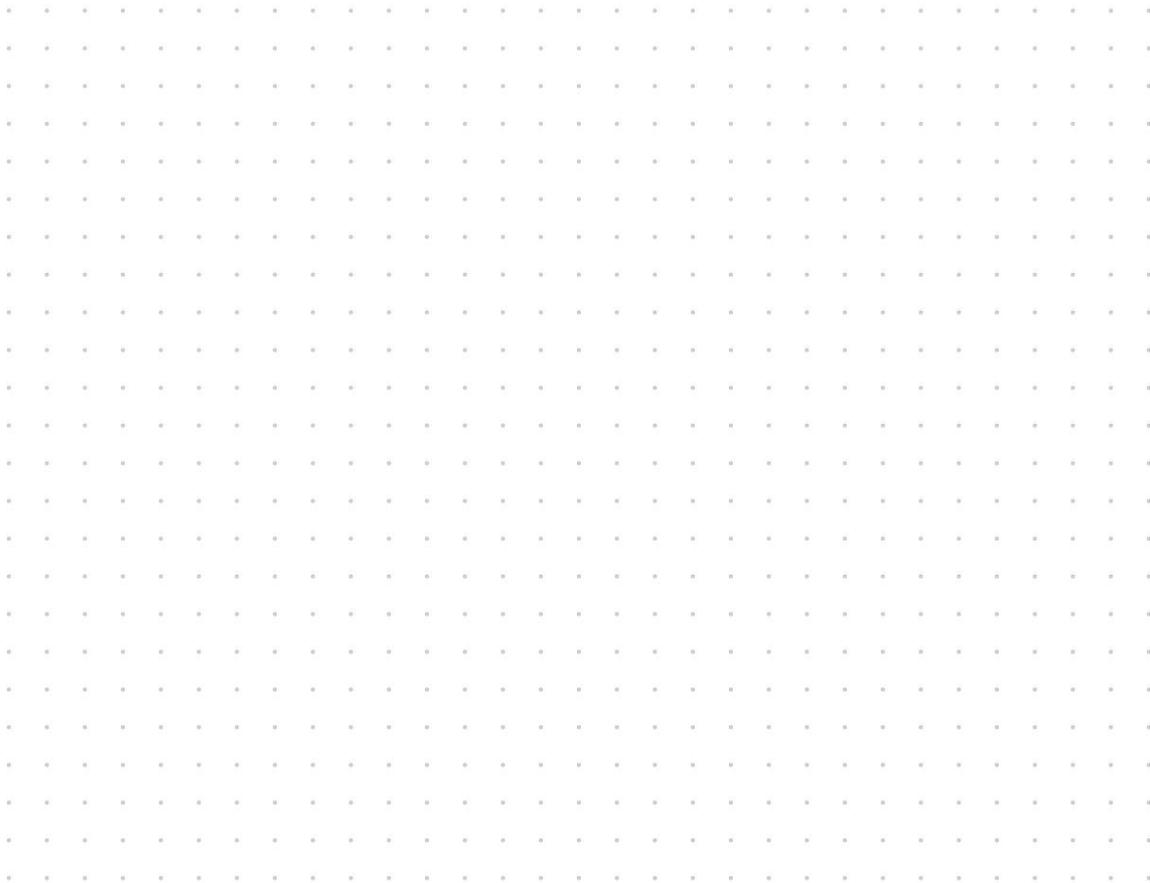
Article no.

201.9521-2-TEGA-N3#T

| A	b	C	D	E
base plate in mm	overall length in mm	Temple height in mm	Total height in mm	Supplementary measure in mm
150x83x2	203.3	44	120.1	142.8

Material variant: stainless steel 1.4301

3 connection points for the horizontal rail: 29.5 x 11 mm slot

The roof hook is screwed with at least two 8 mm washer head screws.
The mounting rail is connected using a hex screw M10 or
M10 hammer head screw and a flange nut with M10 locking teeth.

PROFINAL

Mounting system for
Sheet metal & Corrugated roofs
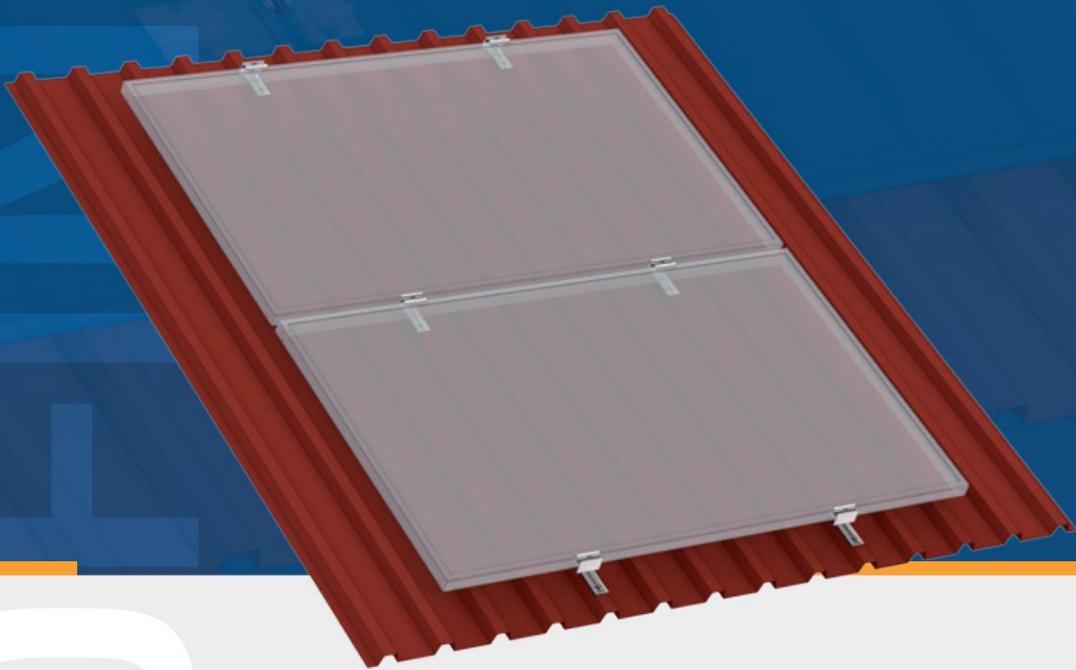
Trapezoid mounting rail high

Article no.

201.131.400-BK-GL

Dimensions	width x height:
	90x60mm

Connection at the top: M8 slot nut or KlickFix

For direct screwing to trapezoidal sheets, punched mounting holes, covered with EPDM tape on the back.

Trapezoidal rail also available without EPDM tape with continuous adhesive on the back.
101.131.Length-B

Trapezoid mounting rail half high

Article no.

201.031-25.400-BK-GL

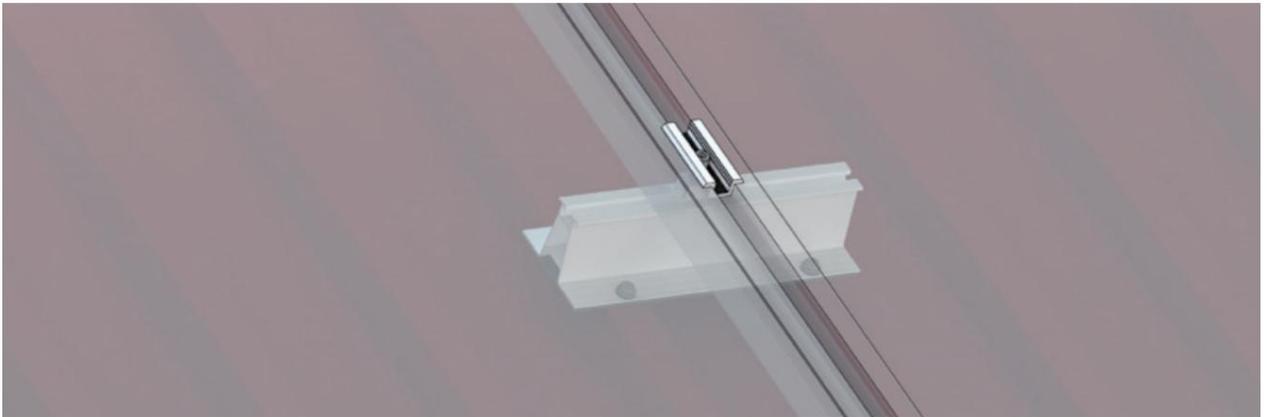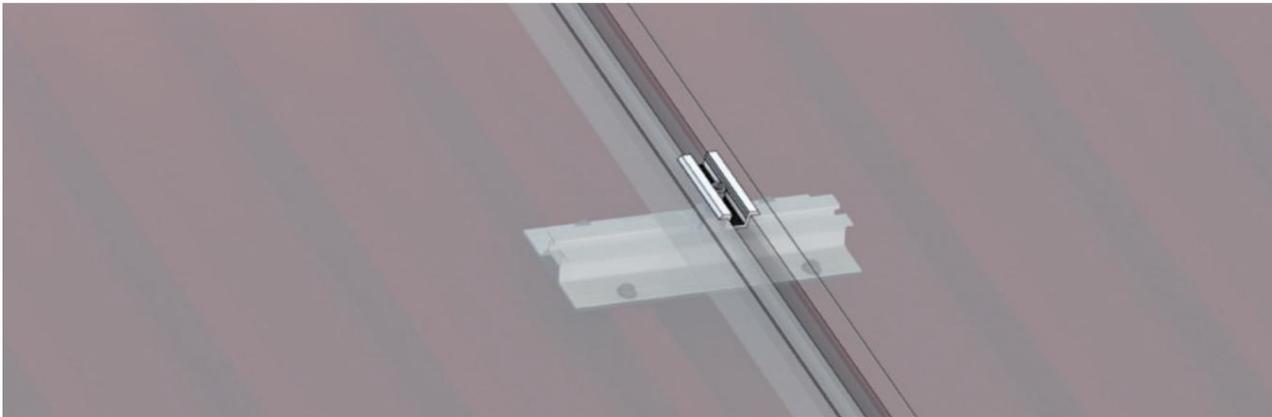| Dimensions	width x height: 90x25mm

Connection at the top: M8 slot nut or KlickFix

For direct screwing to trapezoidal sheets, punched mounting holes, covered with EPDM tape on the back.

Trapezoidal rail also available without EPDM tape, fully glued on the back.
101.031-25.Length-B

P2

PROFINAL

12

Flat trapezoid mounting rail

Article no.
201.031.400-BK-GL

Dimensions	width x height:
	90x13mm

Connection at the top: M8 slot nut or KlickFix

Punched fastening holes, with EPDM tape and perforated for direct screwing to trapezoidal sheets.

Trapezoidal rail also available without EPDM tape with continuous adhesive on the back.
101.031.Length-B

+

P2

PROFINAL
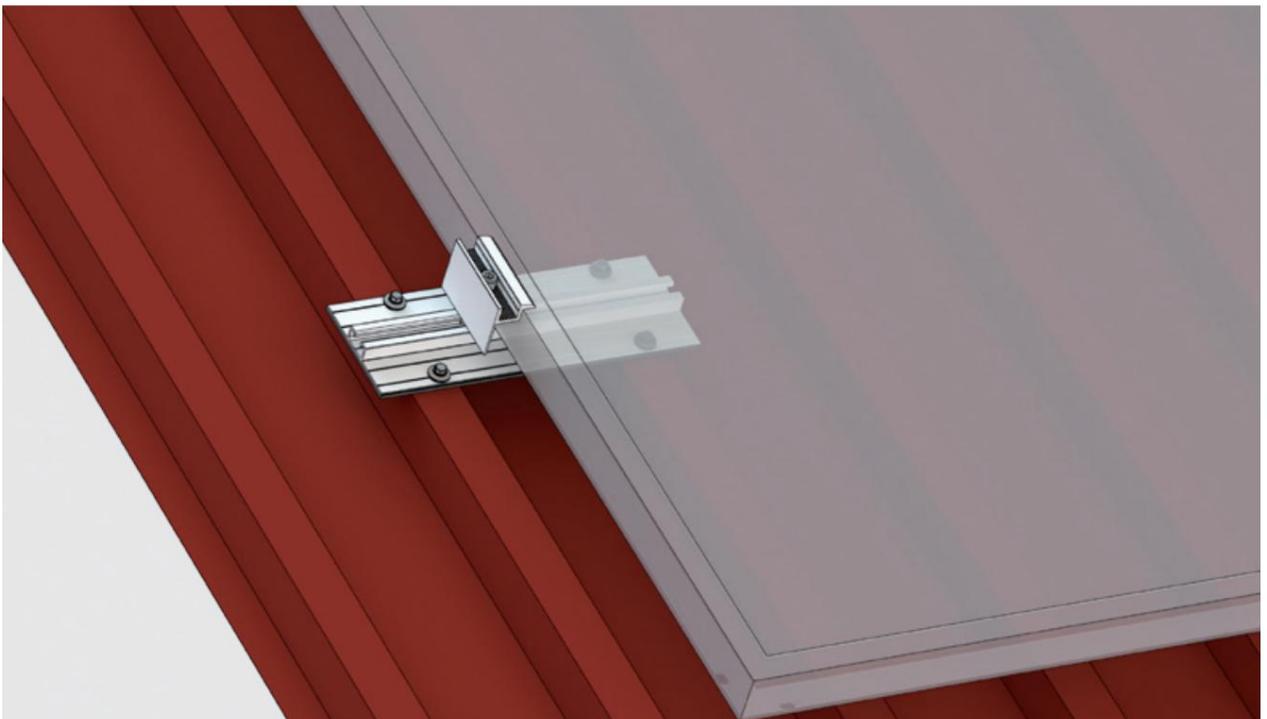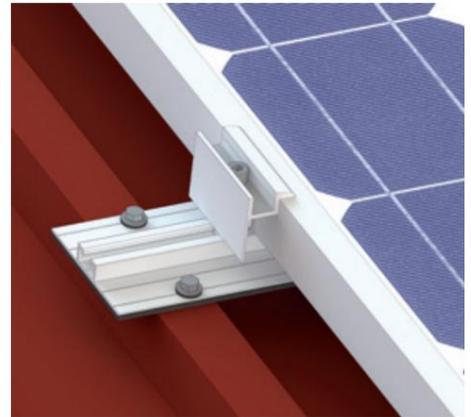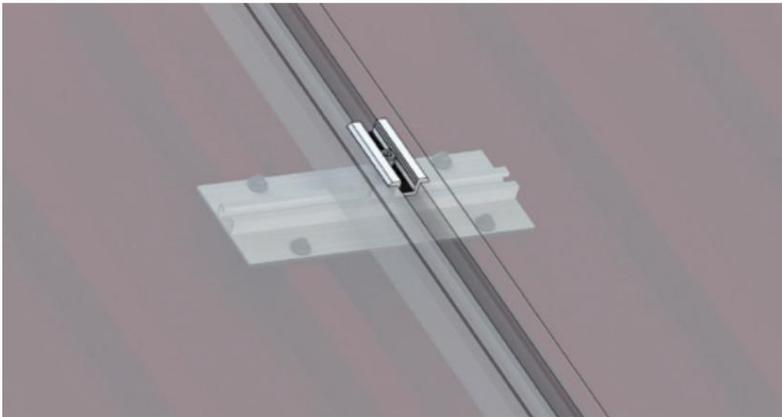
Angle increase trapezoid

Dimensions	length x height (installed): 60mm x 30mm

Lateral fixation with sheet metal screw 5.5x55.
The angle increaser is clicked into the rail and fixed laterally with the sheet metal screw to create an increase with a 5 degree inclination for the system.
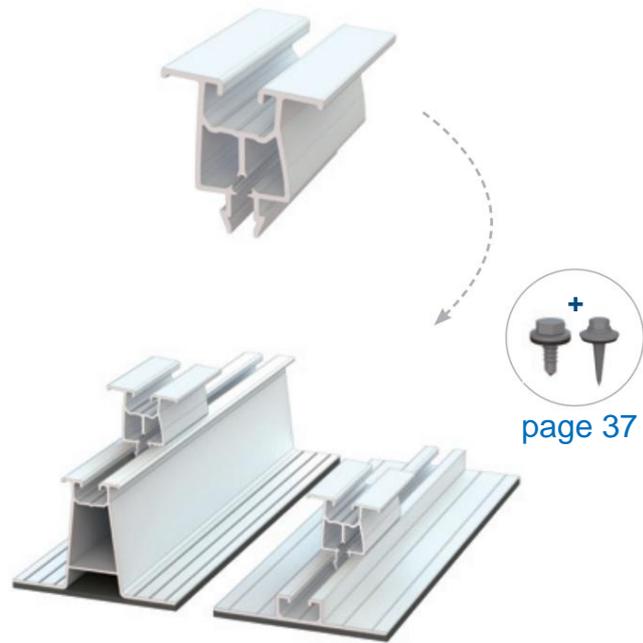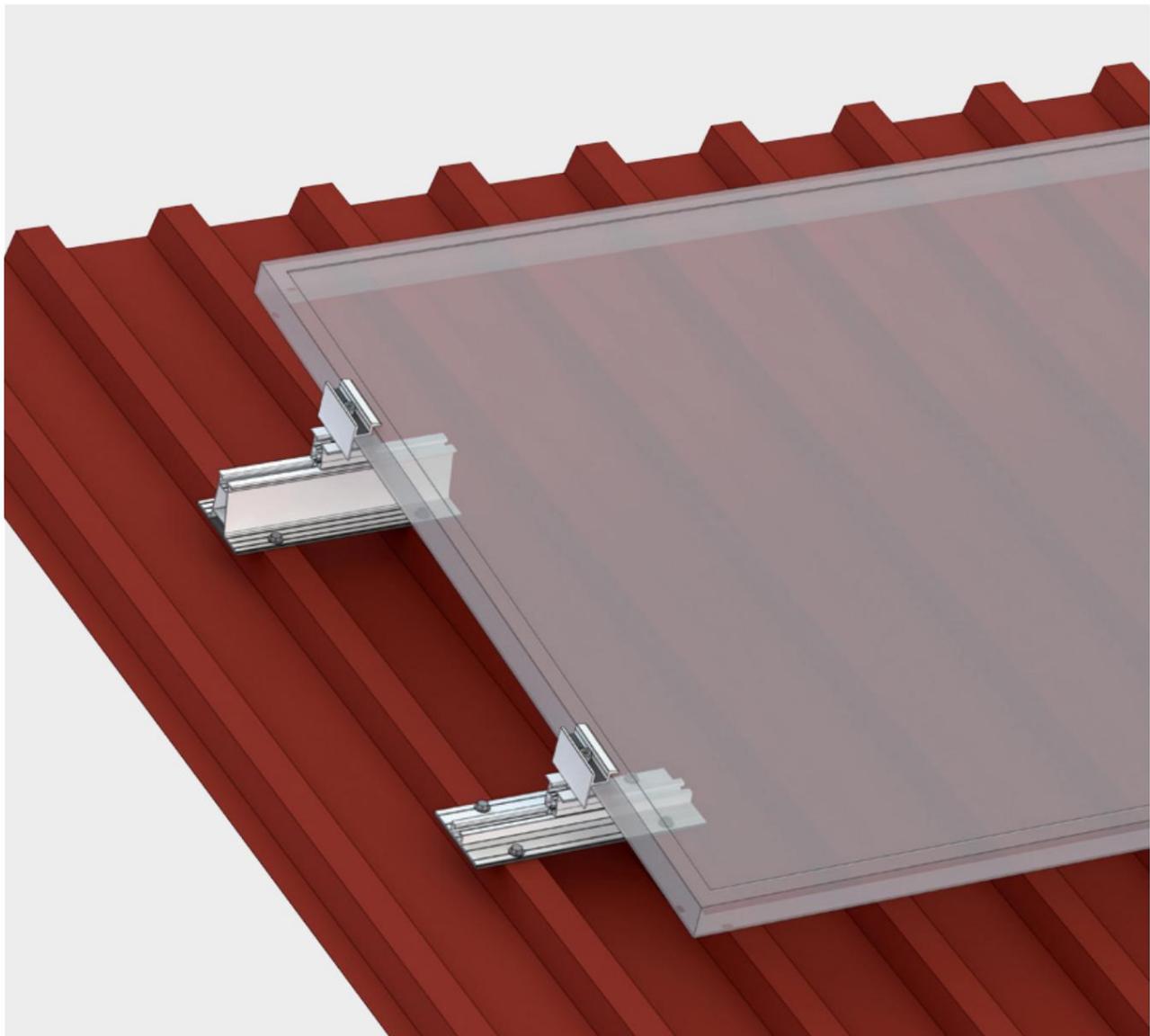
P2

PROFINAL

High beading
Click top

Article no.

201.742.70-B

Dimensions	length: 70 mm height: 40mm

To click into the lower part: 201.743.120-B-BK.
For connecting transverse modules, for clamping on the long side of the frame.

High beading
Short rail bottom part

Article no.

201.743.120-B-BK

Dimensions	length: 120 mm

Punched and covered with EPDM.
Short rail bottom part for direct screwing to trapezoidal sheet metal.

+

P2

PROFINAL

Trapezoidal rail high beadE

201.231.XXX-BK-GL

Dimensions	length: 90 mm
	length: 120mm
	length: 200mm
	height: 14mm

Punched and covered with EPDM.
Short rail for direct screwing to trapezoidal
sheet metal.

P2

PROFINAL
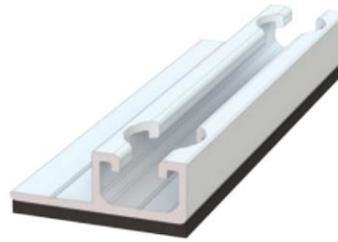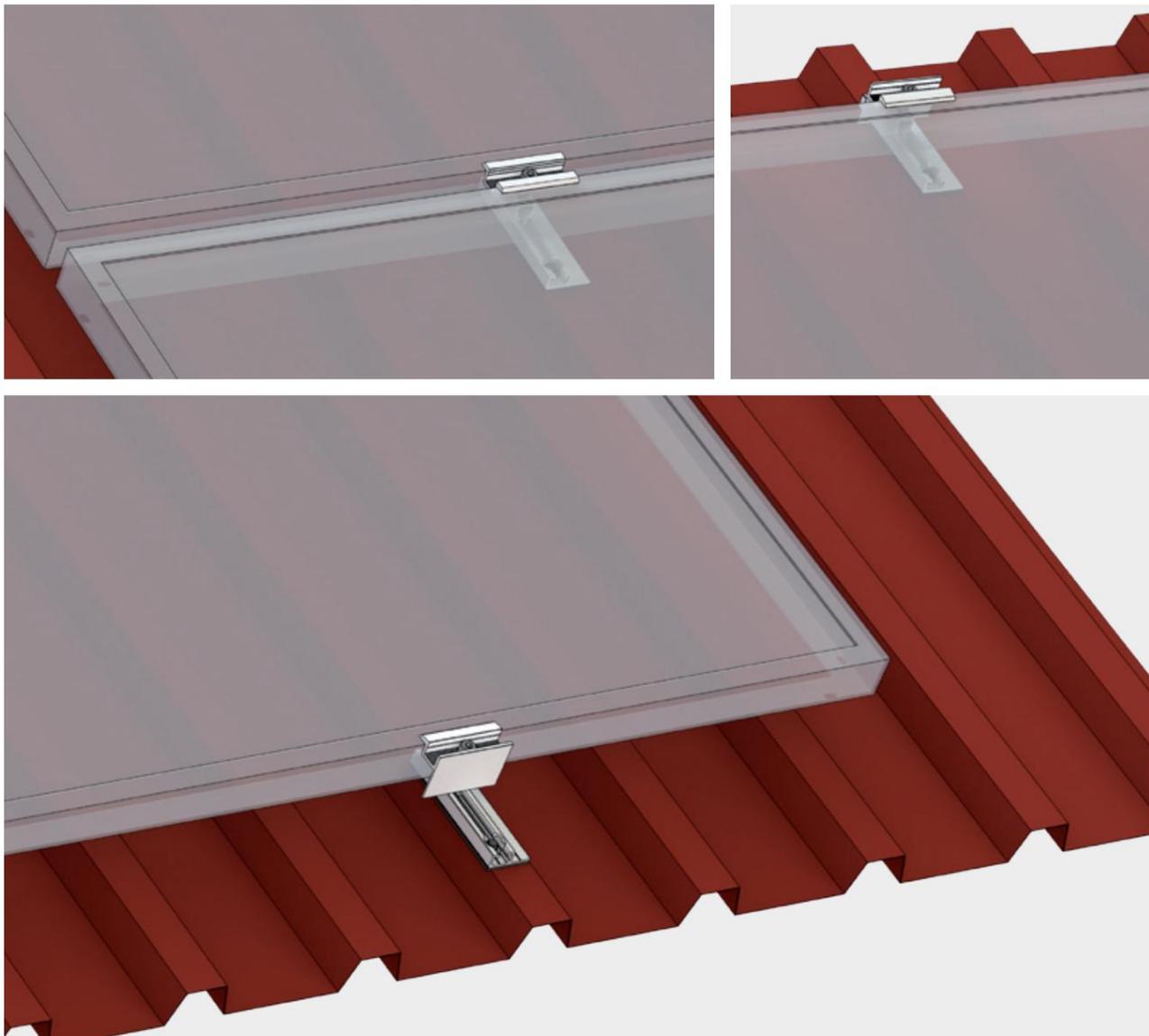
Standing seam clamp

Article no.

201.9583-Seam clamp1

Dimensions	Up to a maximum of 3.5 mm fold width

Roof seam clamp stainless steel with hole for M10 rail connection, assembled with: Screw, nut, washer

Round seam clamp

Article no.

201.9583-Rundfalz10

Dimensions	Up to a maximum of 10.5 mm fold width

Roof seam clamp stainless steel with hole for M10 rail connection, assembled with: Screw, nut, washer

We can offer you other diverse solutions for your seam roof.

Please feel free to contact us.

PROFINAL

P2
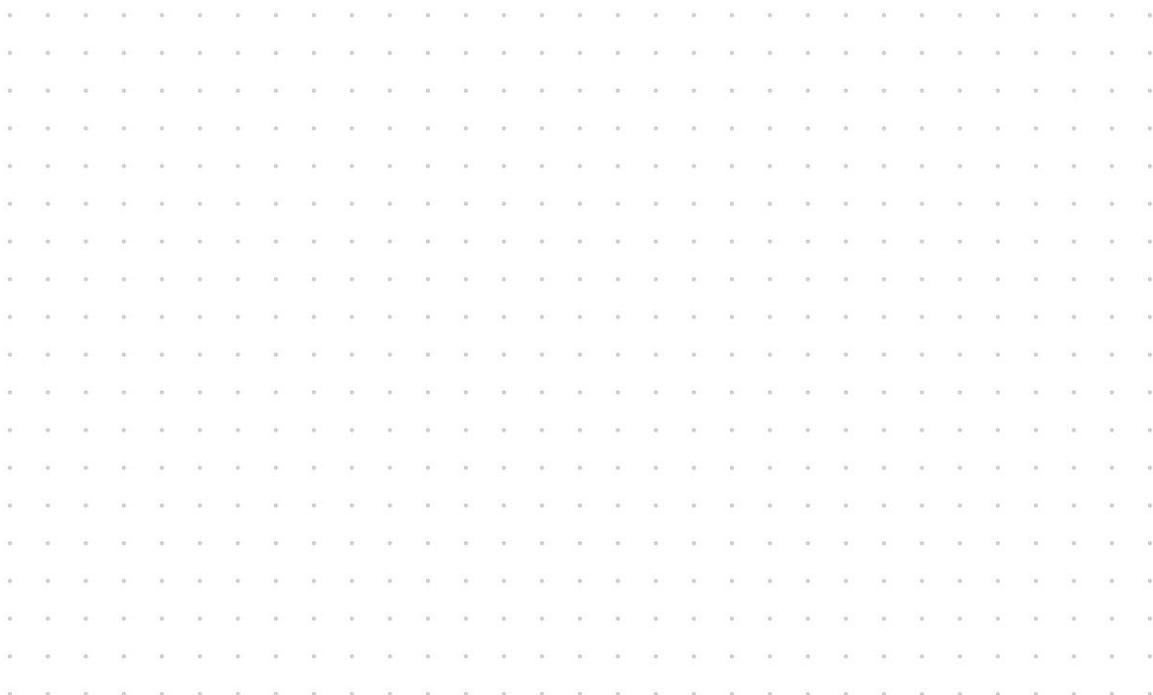
■ hanger bolt
for timber

Article

no. 301.9216-2-.......

Dimensions	Available from 10x180 to 12x400

Pre-assembled with 3 x M10 locking nuts and
1 x EPDM seal.

■ Solar fastener
for steel

Article

no. 301.9222-2-……..

Dimensions	various Dimensions

Hanger bolt for steel UK, with special coating,
assembled with nuts, washers and mushroom
seal, building authority approval.

Also available with dome.

P2

PROFINAL

Mounting rails
and accessories

Mounting rail
PR1-UL
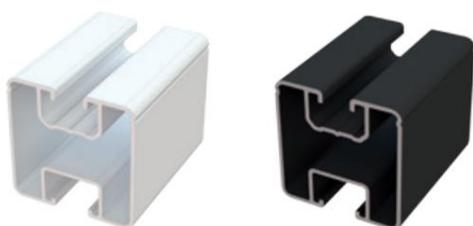
Article no.
101.201.Length-B

Dimensions	40 x 40 mm
	Wingspan: up to 2.76 m*

Connection at the top: M8 slot nut or KlickFix
Connection below: DIN 933 M10 or
                   Profinal hammer head screw
Also available black anodized.

Mounting rail
PR1

Article no.
101.001.Length-B

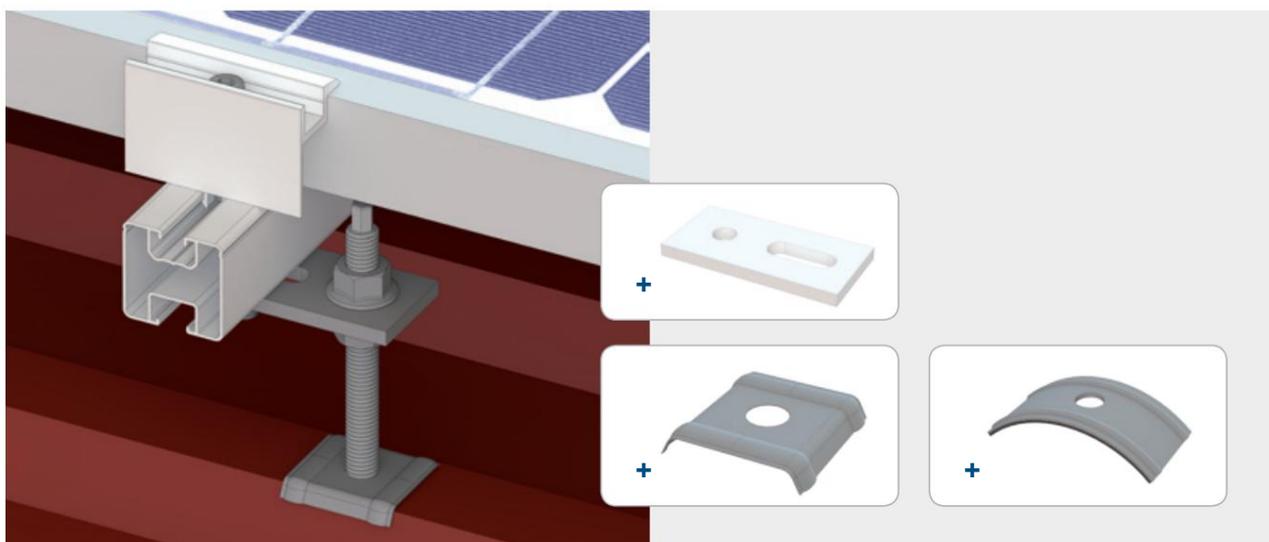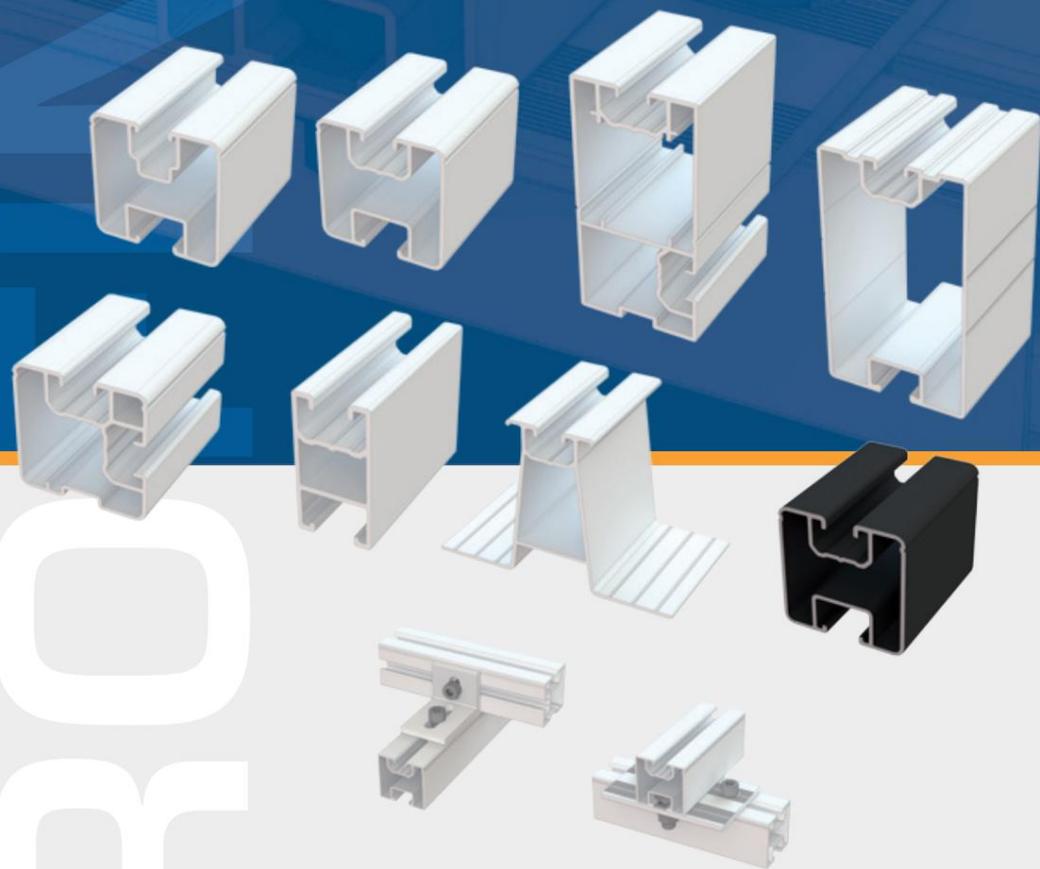| Dimensions	40 x 40 mm
	Wingspan: up to 3.03 m*

Connection at the top: M8 slot nut or KlickFix
Connection below: DIN 933 M10 or
                   Profinal hammer head screw

Mounting rail
PR1-HB

Article no.
101.301.Length-B

Dimensions	20 x 40 mm
	Wingspan: up to 1.98 m*

Connection at the top: M8 slot nut or KlickFix
Connection below: DIN 933 M10 or
                   Profinal hammer head screw

Mounting rail
PR3-UL

Article no.
101.203.Length-B

Dimensions	40 x 40 mm
	Wingspan: up to 2.74 m*

Connection at the top: 4-point nut M8 or KlickFix
Connection at the bottom: DIN 933 M10
                   or Profinal hammer head screw

* Load assumptions: snow load zone 1, terrain height up to 285 m, module load: 0.11 kN/m2 , wind load zone 1,
    Terrain category 4 - flat terrain, roof pitch 55°

■ Mounting rail
PR15

Article no.
101.015.Length-B

| **Dimensions** | 40 x 40 mm |
| | Wingspan: up to 3.04 m* |

Connection at top/side: M8 slot nut or KlickFix

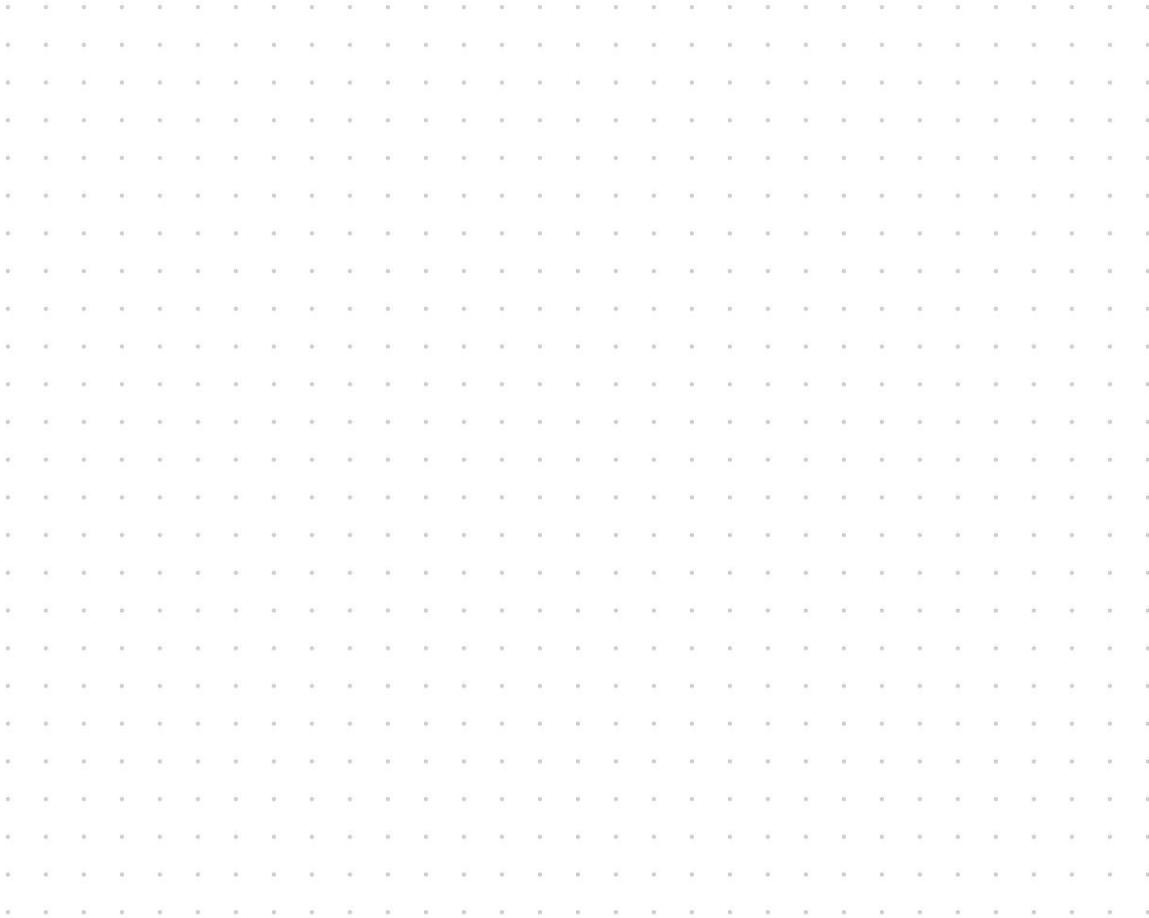**■ Mounting rail**
PR15-UL

Article no.
101.215.Length-B

| **Dimensions** | 40 x 40 mm |
| | Wingspan: up to 2.80 m* |

Connection at top/side: M8 slot nut or KlickFix

* Load assumptions: snow load zone 1, terrain height up to 285 m, module load: 0.11 kN/m2 , wind load zone 1,
Terrain category 4 - flat terrain, roof pitch 55°

■ Mounting rail
PR5
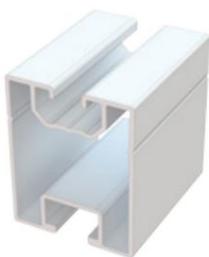
Article no.
101.005.Length-B

Dimensions	50 x 40 mm
	Wingspan: up to 3.55 m*

Connection at the top: M8 slot nut or KlickFix
Connection below: DIN 933 M10 or
                       Profinal hammer head screw

■ Mounting rail
PR2

Article no.
101.002.Length-B

Dimensions	80 x 40 mm
	Wingspan: up to 4.87 m*

Connection at the top: M8 slot nut or KlickFix
Connection below: DIN 933 M10 or
                       Profinal hammer head screw

■ Mounting rail
PR16

Article no.
101.016.Length-B

Dimensions	80 x 40 mm
	Wingspan: up to 4.90 m*

Connection at the top/side: M8 slot nut or KlickFix

■ Mounting rail
PR85/50

Article no.
101.255.Length-B

Dimensions	85 x 50 mm
	Wingspan: up to 5.38 m*

Connection at the top: M8 slot nut or KlickFix
Connection below: DIN 933 M10 or
                       Profinal hammer head screw

* Load assumptions: snow load zone 1, terrain height up to 285 m, module load: 0.11 kN/m2 , wind load zone 1,
   Terrain category 4 - flat terrain, roof pitch 55°

Mounting rail
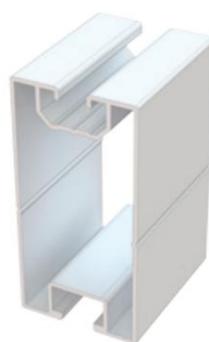### Light1

Article no.
101.101.Length-B

Dimensions	50 x 39 mm
	Wingspan: up to 2.84 m*

Connection at the top: M8 slot nut or KlickFix
Connection below: DIN 933 M10 or
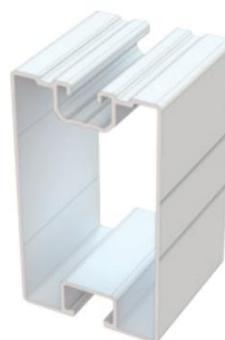   Profinal hammer head screw

Mounting rail
PR15-O-HKS

Article no.
101,115.Length-B

Dimensions	40 x 40 mm
	Wingspan: up to 2.84 m*

Connection at the top: T-nut M8 or KlickFix Connection
at the bottom/side: DIN 933 M10 or Profinal
                  hammer head screw

Mounting rail
PR Flex

Article no.
101.501.Length-B

Dimensions	37 x 34 mm
	Wingspan: up to 2.25 m*

Connection at the top: M8 slot nut or KlickFix
Connection on the side: T-head screw 28/15 M8 and M10
Connection below: 6-point. Screw DIN 933 M10 or Profinal
                  hammer head screw

* Load assumptions: snow load zone 1, terrain height up to 285 m, module load: 0.11 kN/m2 , wind load zone 1,
  Terrain category 4 - flat terrain, roof pitch 55°
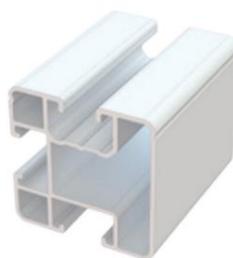
PROFINAL

Mounting rail
Trapezoid flat

Article no.
101.031.Length-B

Dimensions	90 x 14 mm

Connection at the top: M8 slot nut or KlickFix for direct screwing to trapezoidal sheets
Punched mounting holes

Trapezoidal rail also available with EPDM tape glued throughout on the back.
201.031.Length-BK

Mounting rail
Trapeze medium

Article no.
101.031-25.Length-B

Dimensions	90 x 25 mm

Connection at the top: M8 slot nut or KlickFix for direct screwing to trapezoidal sheets

Trapezoidal rail also available with EPDM tape glued throughout on the back.
201.031-25.Length-BK

Mounting rail
Trapeze high

Article no.
101.131.Length-B

Dimensions	90 x 60 mm

Connection at the top: M8 slot nut or KlickFix for direct screwing to trapezoidal sheets

Trapezoidal rail also available with EPDM tape glued throughout on the back.
201.131.Length-BK

Angle profile 40x40x3

Article

no. 100.001.40x40x3-B

Dimensions	40 x 40 x 3
	Dimension example

We deliver your angle profiles in individual dimensions and lengths, for example to optimize waste
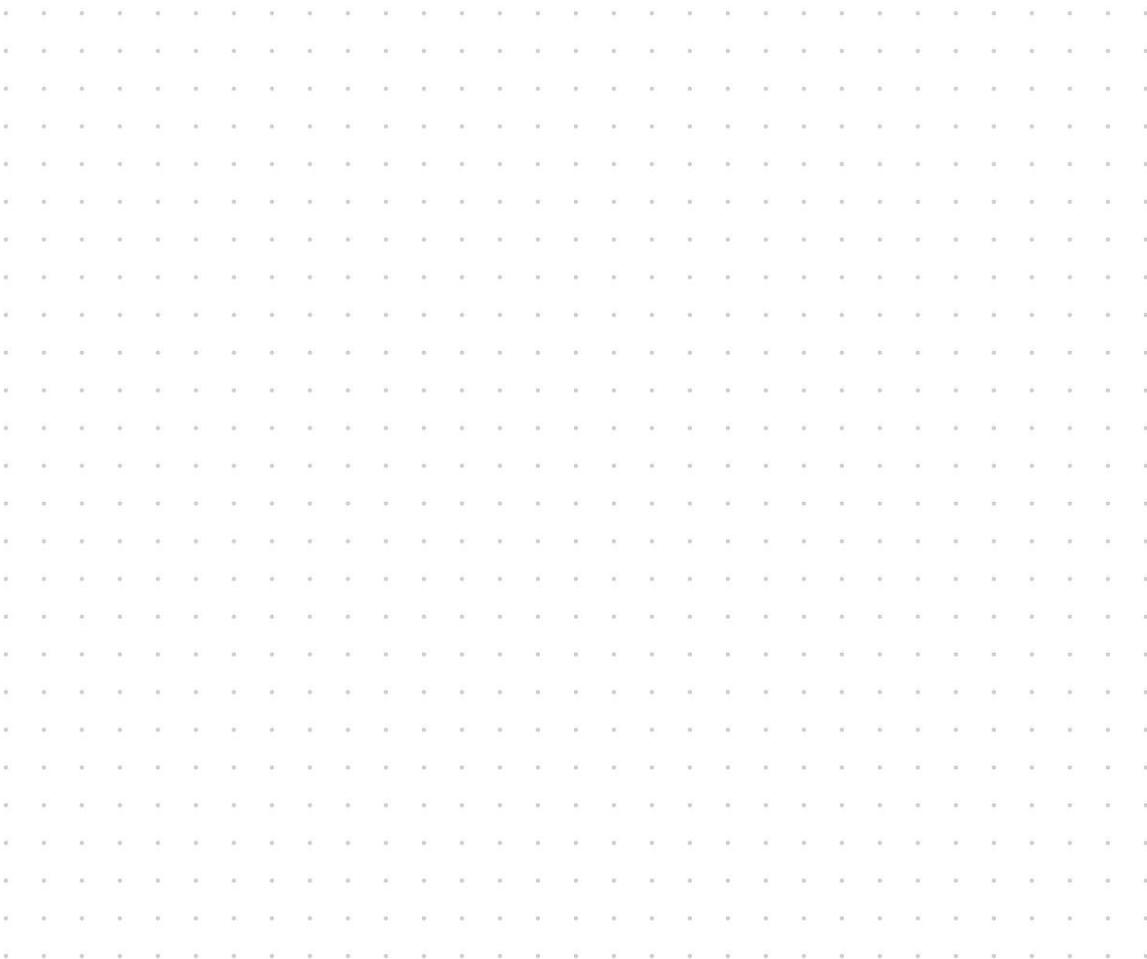
Z profile
40x40x40x3

Article

no. 100.006.40x40x40x3-B

Dimensions	40 x 40 x 40 x 3
	Dimension example

We deliver your Z-profiles in individual dimensions and lengths, for example to optimize waste

PROFINAL

System accessories

U-connector for 40 x 40

Article no.
201.012.200-B

Dimensions	length: 200 mm

For mounting rails 40/40 for external fixation, drilling
screws DIN 7504 e.g. 5.5x25 mm or 4.8x19 mm
are required for fastening.
1 connector per connection point.

Slide-in connector for 40 x 40

Article no.
201.218.200-B

Dimensions	length: 200 mm

For mounting rails 40/40 for internal fixation, drilling
screws 301.91912-2-5.5X38 are required
for fastening.
2 connectors per connection point.

Slide-in connector for PR5 and Light1

Article no.
201.118.200-B

Dimensions	length: 200 mm

For internal fixation.
Drilling screws DIN 7504 e.g. 5.5x25mm or
4.8x19mm required for fastening.
2 connectors per connection point

Profile system

■ Slide-in connector for PR-Flex

Article no.
201,318,150-B

Dimensions	length: 150 mm

For PR-Flex splints for internal fixation
Drilling screws DIN 7504 4.8x19mm
required for fastening.
1 connector per connection point

PROFINAL

■ Slide-in connector for 80 x 40

Article no.
201.418.200-B

Dimensions	length: 200 mm

For mounting rails 80/40 for internal fixation,
drilling screws 301.91912-2-5.5X38 are
required for fastening.
1 connector per connection point.

■ Slide-in connector for 85 x 50

Article no.
201.618.200-B

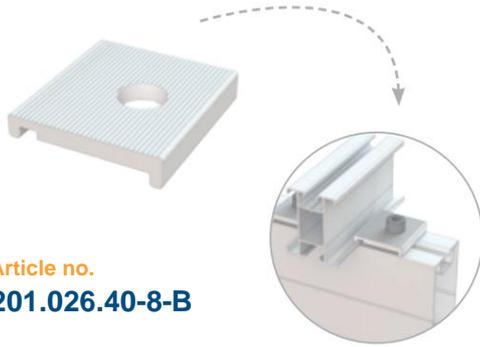| Dimensions	length: 200 mm

For mounting rails 85/50 for internal fixation
Drilling screws DIN 7504 e.g. 5.5x25 mm or
4.8x19 mm required for fastening.
1 connector per connection point.

Mounting plate

Article no.

201.026.40-8-B

Dimensions	40mm x 35mm

To establish a rail cross association
Available with hole for M8 and hole for M10

Cross connection angle
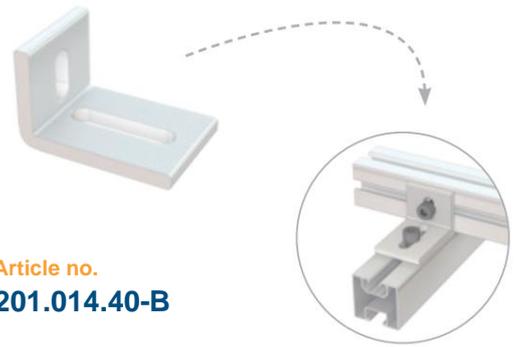
Article no.

201.014.40-B

Dimensions	58 x 38mm
	length: 40mm

To establish a rail cross association.
M8x16 screws and M8 slot nuts
are required.

Cross connection plate
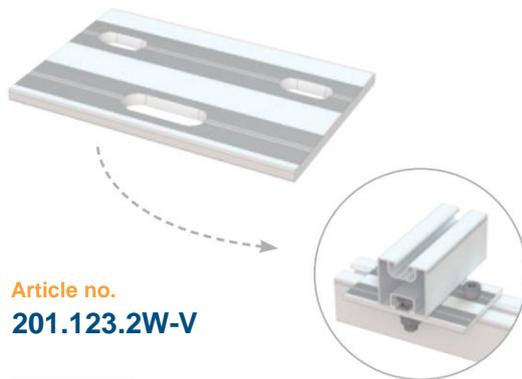
Article no.

201.123.2W-V

Dimensions	100mm x 70mm

To establish a rail cross association.
The same rail with an M10 connection at the
bottom can be used for both profile layers.
2x slotted hole for M8; 1x slotted hole for M10

P3

PROFINAL

Black end cap

Article no.
201.051.40-S

Dimensions	40 x 40 mm plastic

Suitable for 40x40 mounting rails.

Gray end cap
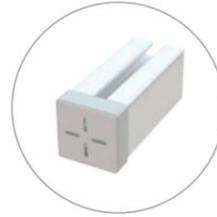
Article no.
201.051.40-B

Dimensions	40 x 40 mm plastic

Suitable for 40x40 mounting rails.

PROFINAL

Module clamps

PROFINAL

Center clamp
KlickFix

Article no.
201.9745-Mxx

Dimensions	clamp:
	70 mm length
	36mm width
	Module spacing: 20 mm

Pre-assembled module clamp for simple and practical "click" installation

Please pay attention to the module frame height:
Version M1A: 28 - 31mm
Version M1: 32-35mm
Version M2: 36-45mm
Version M3: 46-50mm

Each also available black anodized and black anodized with a bare edge.

End clamp
KlickFix

Article no.
201.9742-Exx

Dimensions	clamp:
	70 mm length
	36mm width
	Module spacing: 20 mm

Pre-assembled module clamp for simple and practical "click" installation

Please pay attention to the module frame height.
There is an individual end clamp for each frame height.

Each also available black anodized and black anodized with a bare edge.

UNIVERSAL
KlickFix middle clamp

Article no.
201.9746-MKU

Dimensions	clamp:
	60 mm length,
	40 mm width
	Module spacing: 20 mm

Pre-assembled module clamp for simple and practical "click" installation

Universally applicable for module frame heights between 28 and 40 mm

Also available in black anodized with bare edge 201.9746-MKU-SE-BS

UNIVERSAL
KlickFix end clamp

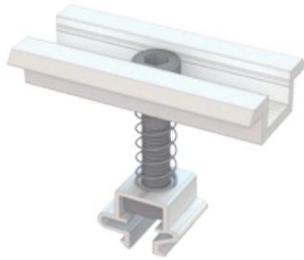Article no.
201.9743-EKU

Dimensions	clamp:
	60 mm length
	33mm width
	Module spacing: 20 mm

Pre-assembled module clamp for simple and practical "click" installation

Universally applicable for module frame heights between 28 and 40 mm

Also available in black anodized with bare edge 201.9743-EKU-SE-BS
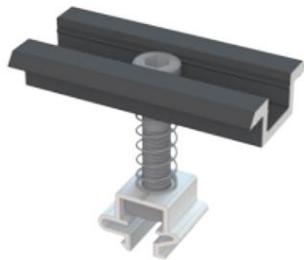
Center clamp
DUPLEX

Article no.
201.913-frame height-B

Dimensions	clamp:
	70mm length
	36mm width
	Module spacing: 20mm

Pre-assembled module clamp for simple and practical "click" installation

For module frame height:
28 – 32mm
33 – 40mm
41 – 50mm

End clamp
DUPLEX

Article no.
201.904-frame height-B

Dimensions	clamp:
	70 mm length
	36mm width
	Module spacing: 20 mm

Pre-assembled module clamp for simple and practical "click" installation

Please pay attention to the module frame height.
There is an individual end clamp for each frame height

Suitable for duplex systems

■ Center clamp

201.013.70-B

Dimensions	clamp:
	70 mm length
	36mm width
	Module spacing: 20 mm

Available in "finished" and "black anodized".
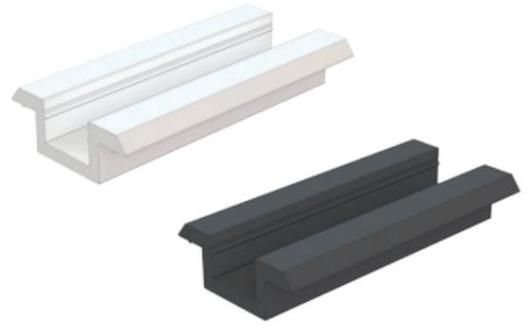
■ End clamp

201.004.70x…-B

Dimensions	clamp:
	70 mm length
	36mm width
	Module spacing: 20 mm

Available in "finished" and "black anodized".
Please specify module frame height.
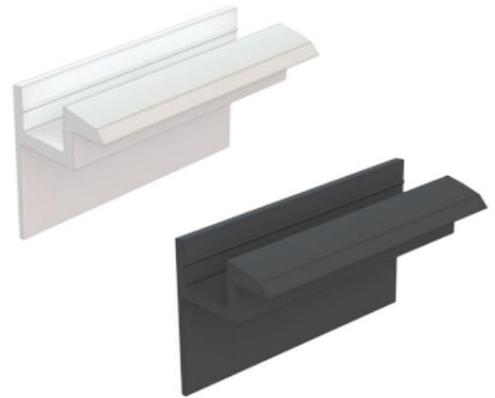
Module frame height	Screw length with slot nut	lock washer
in mm	in mm	
28	M8x30	
30	M8x35	X
32	M8x35	
33	M8x35	
34	M8x35	
35	M8x40	X
36	M8x40	X
38	M8x40	
40	M8x45	X
42	M8x45	
45	M8x50	X
46	M8x50	X
50	M8x55	X

P4

PROFINAL

Center clamp

black, bare edge

Article no.
201.013.70-SE-BS

Dimensions	clamp:
	70 mm length
	36mm width
	Module spacing: 20 mm

anodized C35 black
(cutting and processing edges mill finished)

End clamp

black, bare edge

Article no.
201.004.70X30-SE-BS

Dimensions	clamp:
	70 mm length
	30mm width

anodized c35 black
(cutting and processing edges blank)

■ Center clamp
for glass modules

Article no.
201.9745-LAMINATE L80

Dimensions	clamp:
	80 mm length

Two-piece, including EPDM
With approval for various module
manufacturers, including First Solar

There is also an M8x35 screw
+ Lock washer required
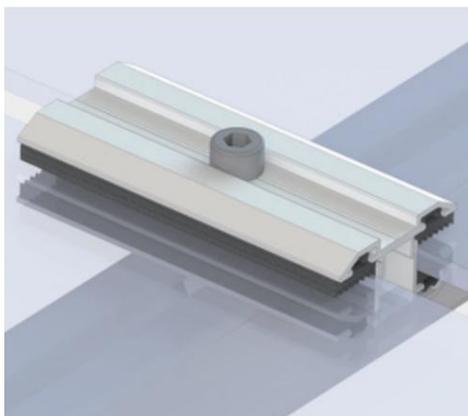
■ End clamp
for glass modules

Article no.
201.9742-LAMINATE L80

Dimensions	clamp:
	80 mm length

Two-piece, including EPDM
With approval for various module
manufacturers, including First Solar

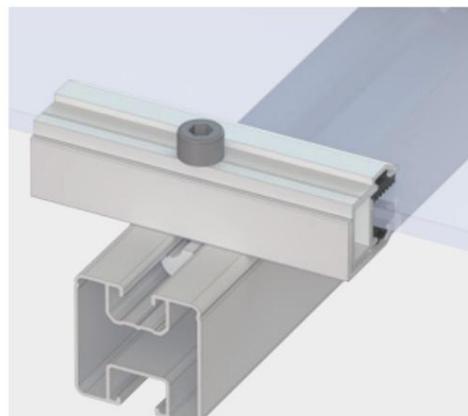There is also an M8x35 screw
+ Lock washer required

P4

PROFINAL

Screw accessories

We generally supply all stainless fasteners in strength classes from A1 to A5. Below we show just a selection of the items that are used for our solar mounting systems. Please feel free to tell us about your requirements for items that are not included in this catalog.

■ Washer head screw

Article no.
301.9810-0-xxx

Dimensions	e.g. 6 x 80, 6 x 100, 8x80, 8x100, 8x120

TX drive, hardened stainless steel, approved by building authorities, including for attaching roof hooks.

■ Wood construction screw

Article no.
301.9135.xxx

Dimensions	e.g. 6 x 50, 6 x 100, …

Stainless steel A2 according to DIN 9135

TX drive, countersunk head, partial thread with ETA approval.

■ allen screw

Article no.
301.912-2-xxx

Dimensions	e.g. 8 x 16, 8 x 20, 8 x 25, 8 x 30, 8 x 35, …

Cylindrical screw with hexagon socket A2 stainless steel according to DIN 912

Among other things, for fastening the module clamps in the slot nut.

■ hex screw

Article no.
301.933.xxx

Dimensions	e.g. 10 x 25, 10 x 30, 10 x 40, …

hex screw with thread up to head stainless steel A2 according to DIN 933

Among other things, for attaching the mounting rails to the roof hook.

■ Hammer head screw

Article no.
301.9664-2-10x25

Dimensions	10 x 32.5

Stainless steel A2

Among other things, for more convenient attachment of the mounting rails to the roof hook.

■ Hammer head screw

Article no.
301.9415.xxx

Dimensions	e.g. 8 x 20, 8 x 25, 8 x 30, 8 x 35, … 10 x 20, 10 x 25, 10 x 30, 10 x 40

Stainless steel A2

For mounting rails type 28/15

PROFINAL

washer

Article no.
301.9021.xxx

Dimensions	e.g. for M8, for M10, for M12, …

With large outside diameter
DIN 9021 stainless steel A2

washer

Article no.
301.125.xxx

Dimensions	e.g. for M8, for M10, for M12, …

Stainless steel A2 according to DIN 125

lock washer

Article no.
301.9250.xxx

Dimensions	e.g. for M8, for M10, for M12, …

Schnorr disc stainless steel A2

For use, among other things, in the module clamps, slot nut.

hex head self-drilling screw

Article no.
301.7504-2-5.5x25K

Dimensions	5.5 x 25mm

Stainless steel A2 according to DIN 7504 with collar and 6-point head. Among other things, for securing profile connectors in the mounting rails.

Facade construction screw

Article no.
301.9191-2-6.3x25

Dimensions	6.3 x 25mm

Bimetal (A2 / hardened steel) Specially coated, with captive sealing washer, reduced drill point, SW8 with building approval for, among other things, fastening aluminum profiles to trapezoidal sheets.

Thin sheet metal screw

Article no.
301.9191-2-…

Dimensions	e.g. 4 .5 x 25, 6.0 x 25, …

Bimetal (A2 / Nickel Strike, galvanized, blue passivated) specially coated, with captive sealing washer, anti-friction coated, SW8 with building approval
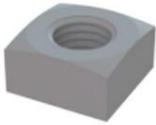For example, for attaching aluminum profiles to trapezoidal sheets.

Truss head screw

Article no.
301.603.xxx

Dimensions	e.g. 10 x 20, 10 x 25, 10 x 30, etc.

Stainless steel A2 according to DIN 603 with 4-point attachment.

square nut

Article

no. 301.557.xxx

Dimensions	e.g. for M 8, for M10, for M12

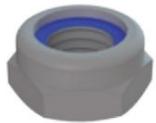Stainless steel A2 according to DIN 557

hex nut

Article

no. 301.934.xxx

Dimensions	e.g. for M8, for M10, for M12

Stainless steel A2 according to DIN 934

stop nut

Article

no. 301.985.xxx

Dimensions	e.g. for M8, for M10, for M12, …

Stainless steel A2 according to DIN 985

flange nut

Article

no. 301.9345.xxx

Dimensions	e.g. for M8, for M10, for M12, …

6-carat nut similar DIN 6923 with flange and locking teeth. Stainless steel A2.

Drilling screw 4.8 x 19 mm

Article

no. 301.7504-2-4.8x19

Dimensions	4.8 x 19mm

A2, AW 25, lens head shape M
For connecting the connector on the PR Flex

slot nut

Article no.

301.001.1-E

Dimensions	For M8

Aluminum, with ball and spring made of stainless steel. Can be swiveled into the upper M8 tracks of the mounting rails.
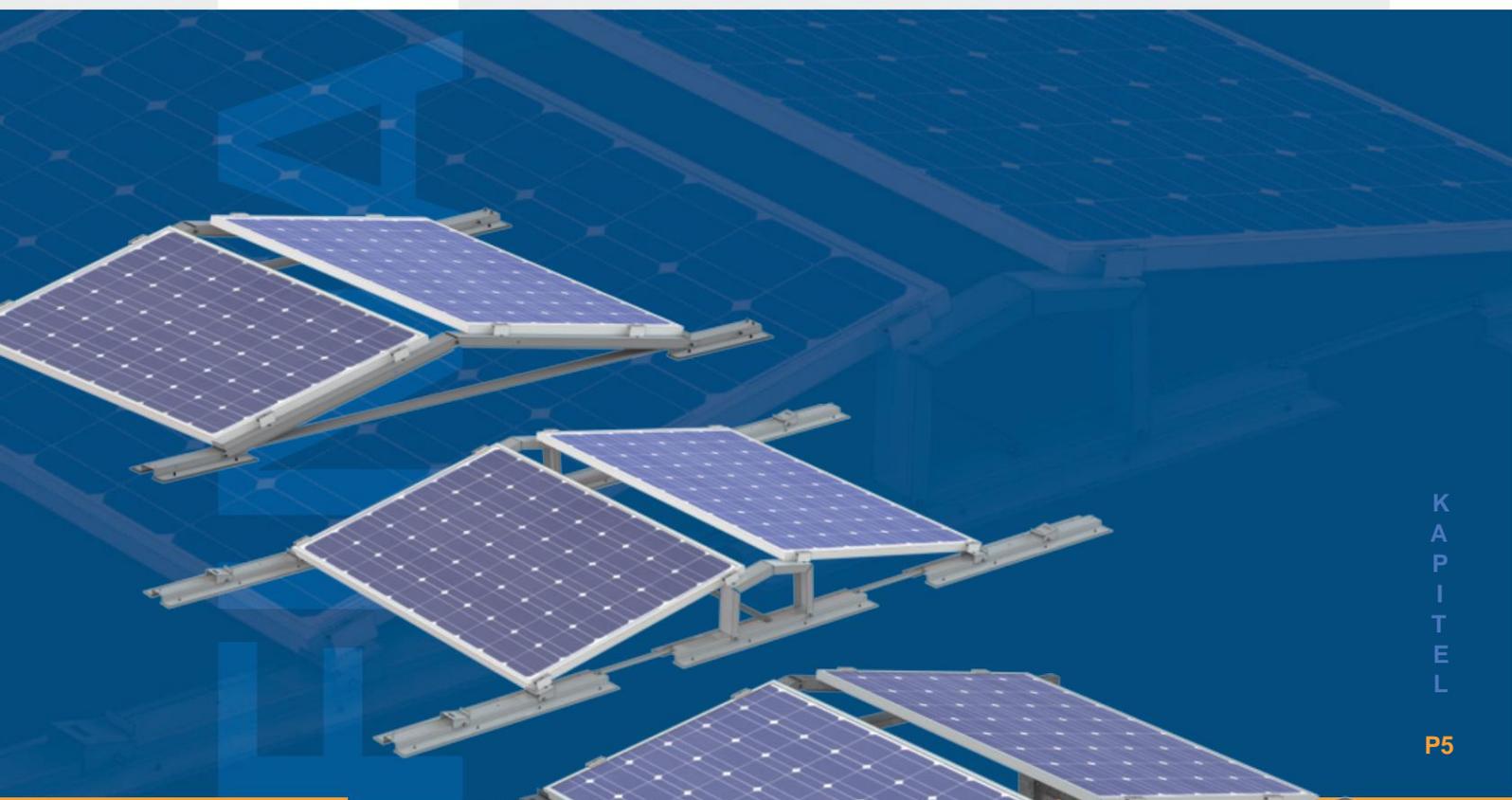
Drilling screw 5.5 x 38 mm

Article no.

301.91912-2-5.5x38

Dimensions	5.5 x 38mm

Bimetal (A2 / hardened steel)
Specially coated, with captive sealing washer, reduced drill point, SW8 with building approval
For example, for attaching aluminum profiles to trapezoidal sheets.

dupleX systems

PROFIL

PROFINAL

■ dupleX roof

The east/west solution for flat roofs and roof pitches up to 15°

Article no.

duplex roof

Dimensions	individual
	Project designs

Frame system made of sheet steel with a zinc protective layer. Almost ballasting-free assembly system for flat roofs, module orientation to east/west. Developed in the wind tunnel and aerodynamically optimized, suitable for roofs with low surface load reserves.

Further information about the flat roof systems can be found in the respective data sheets. Please send us your project inquiries for individual designs and offers.
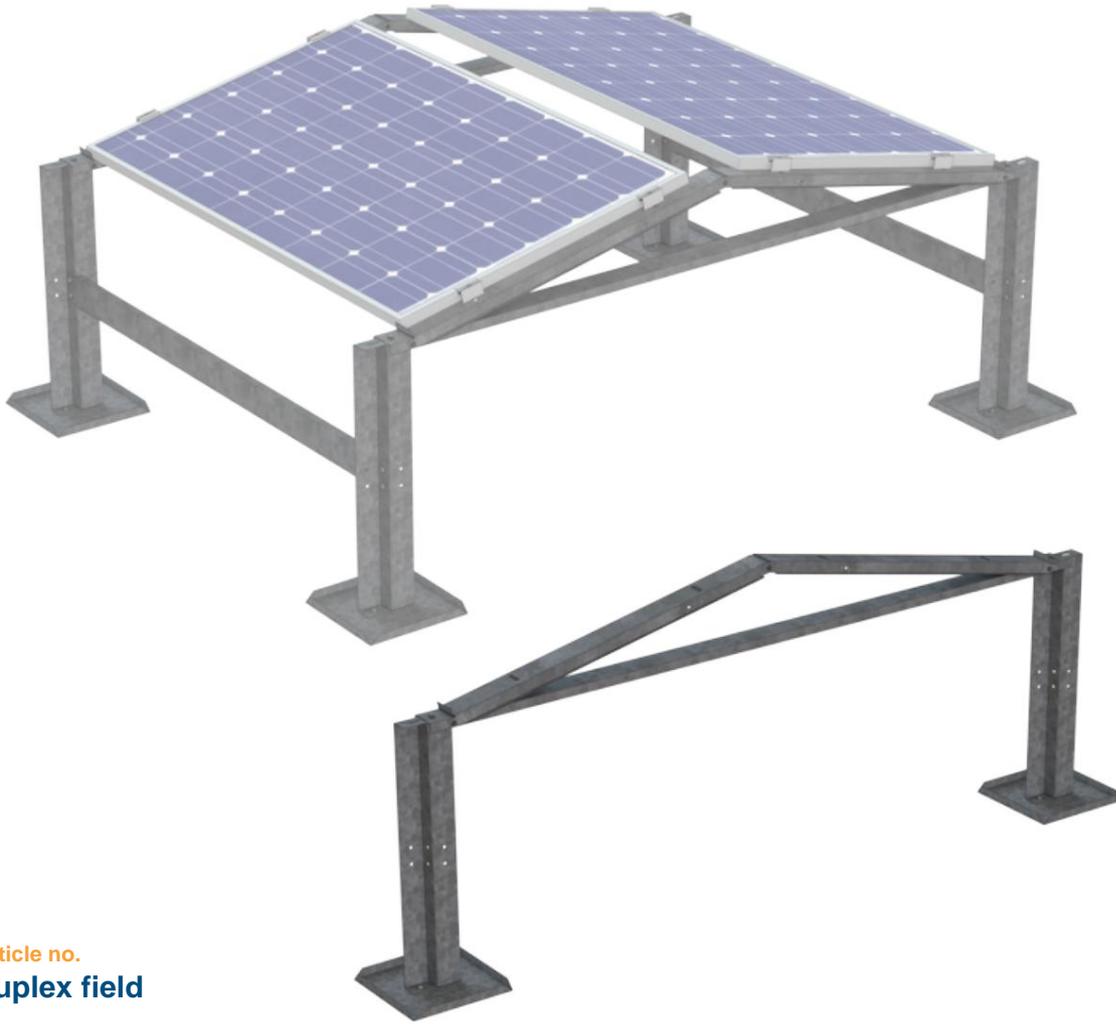
■ dupleX roof base

Article

no. duplex roof base

Dimensions	individual
	Project designs

Frame system made of sheet steel with a zinc protective layer Almost ballasting-free assembly system for flat roofs, module orientation to east/west. Developed and aerodynamically optimized in the wind tunnel. Special solution for minimized surface pressure.

Further information about the flat roof systems can be found in the respective data sheets. Please send us your project inquiries for individual designs and offers.

dupleX FIELD

Article no.
duplex field

Dimensions individual
Project designs

Frame system made of sheet steel with a zinc protective layer. Special solution for terrain that does not allow ramming – e.g. landfills, parking lots, sealed conversion areas or stone deserts.

Up to 150% more modules on the same area, as no shading distance is necessary.

Further information about the outdoor systems can be found in the respective data sheets. Please send us your project inquiries for individual designs and offers.

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MONTAGESYSTEME FÜR SOLARTECHNIK