

**sflex product catalogue**

because you can build on us

Are you interested or do you have more questions about our products?

You can build on our support!

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A decorative graphic consisting of several thick, rounded rectangular bars in various colors (yellow, green, white, orange) arranged in a scattered pattern over a dark blue background with a faint, repeating pattern of roof tiles and structural beams.

Products 2026

# because you can build on us

## How sflex operates

More than two decades of experience in the solar industry and mounting technology go into each of our products – but that alone does not define us. What matters is what lies behind it: a brand that stands for reliability, technical excellence and genuine partnership.

Whether flat roof, pitched roof or ground-mounted system – our portfolio not only offers high-quality mounting systems, but also solutions developed in collaboration with our partners. Solutions that are based on real requirements and deliver what they promise in the project.

Our mission: We make our customers' work easier. Through well-designed systems, precise planning, fast delivery and support that not only accompanies but also takes over. We stay on the job – from the first plan to the last screw – to ensure that every project comes to a successful conclusion.

Meet a team that not only delivers, but also thinks ahead. A team that demonstrates what our claim means and why it is our benchmark: **because you build on us.**

## Contents

<b>sflex systems overview</b>	4
<b>Mounting rails</b>	
ST-AK 5/40	6
ST-AK 7/47	7
ST-AK 13/60	8
ST-AK 26/70	9
ST-AK 182/120	10
Trapezoidal sheet metal fastening / HS rails	11
HS rails XL / HS clamp XL	12
Trapezoidal sheet metal rail Lift / Bracket for sheet metal installation	13
<b>Module fastening</b>	
End clamps	14
Module clamps	15
Laminate clamps	16
<b>Fastening to the roof</b>	
Roof hooks Alu	17
Roof hooks Alu / Vario	18
Roof hooks heavy duty	19
Roof hooks Plain tile / Slate	20
Roof hooks accessories	21
Standing seam clamps	22
Brackets / Adapter rails	23
<b>Screw fastening</b>	
Hanger bolts	24
Solar fasteners BZ / Solar fasteners A	25
Wood screws	26
<b>Accessories</b>	
Cross adapter clamps / Safety material	27
Sheet metal screws / Rivets / Sealing tape / Hammer head bolts	28
Serrated nuts / Hexagon socket head cap screw	29
Cables straps / Grounding material	30
<b>Base triangles</b>	
Vario / Delta AK II	32



System overview Find the right solution for every project	Application						Roof coverings, Substrates (A-Z)														Clamping Zones														
	Pitched Roof	Flat Roof	Facade	Open Ground	Carport	Balcony	Bitumen	Brickwork	Concrete	Corrugated Sheet	Corrugated Fibre Cement	Foil	Gravel	Green Roof	Industrial Metal System Roofs	Infill Bars	Noise Barrier Wall	Pan Sheet	Plain tiles	Rear-ventilated facade	Roof Tiles	Sandwich Roofing	Seam Roofing	Slate	Soil	Thermal Insulation system	Trapezoidal Sheet	Trapezoidal Sheet Curved	Long Side	Short Side	Edge	Insertion			
sflex els	●		●					●	●	●							●			●	●		●			●	●		●	●			●		
sflex roof hooks	●																		●		●	●			●					●	●				
sflex standing seam clamps	●																						○					●		●	●				
sflex high-bead rail hk 125 / 172	●																						○					●		●	●				
sflex high-bead rail hk 125 xl 50 / 100	●																						○					●		●	●				
sflex bracket for sheet metal	●																						○					●		●	●				
sflex high-bead rail lift	●																											●		●	●				
sflex trapezoidal sheet metal rail lift/vario	●																	●									●	●	●	●					
sflex trapezoidal sheet metal rail	●									●													○					●		●	●				
sflex hanger bolts & solar fasteners	●									●	●												●					●		●	●				
sflex flat direct	●						●					●											●							●	●				
sflex triangle delta	●	●					●		●	●	●	●	●	●	●								●					●		●	●				
sflex leichtmount rail 2.1 s		●					●		●			●	●																	●	●				
sflex leichtmount rail 2.1 ew		●					●		●			●	●																	●	●				
sflex leichtmount cf s		●					●		●			●	●																		●	●			
sflex leichtmount cf ew		●					●		●			●	●																		●	●			
sflex greenlight		●							●				●												●					●	●				
sflex greenlight on top		●							●				●												●					●	●				
sflex leichtmount snap		●					●		●			●	●																	●	●				
sflex delta concrete		●		●					●																					●	●				
sflex groundmount box				●					●				●													●				●	●				
sflex leichtmount g s				●					●				●													●					●	●			
sflex leichtmount g ew				●					●				●												●					●	●				
sflex carport					●				●																					●	●				
sflex balcony set						●											●													●	●				

○ prior authorization of the manufacturer to mount onto the cover shell necessary

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# Mounting rails

## ST-AK 5/40



**New**  
Rail cover 5



### ST-AK 5/40

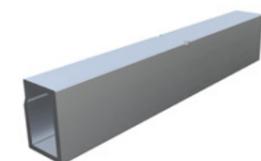
Material: Aluminium EN AW-6063 T6  
 Max. torque of inertia Ix: 5.078 cm<sup>4</sup>  
 Max. resisting torque Wx: 2.501 cm<sup>3</sup>  
 Dimensions H × W: 40 × 37.1 mm  
 Article supplement: No hammer-head slot on rail top face

Length	Colour	Weight	QU	PU	BP	Art. No.
6200 mm	mill finished	3.802 kg	pcs	1	144	30-105-005
4405 mm	mill finished	2.702 kg	pcs	1	144	30-105-009
3600 mm	mill finished	2.208 kg	pcs	1	144	30-105-360
3600 mm	black	2.208 kg	pcs	1	144	30-105-361
3300 mm	mill finished	2.024 kg	pcs	1	144	30-105-330
3300 mm	black	2.024 kg	pcs	1	144	30-105-316
2380 mm	mill finished	1.460 kg	pcs	1	144	30-105-238
2380 mm	black	1.460 kg	pcs	1	144	30-105-240

Available in other lengths upon request.

### Splice 5 / Splice 5 Grounding

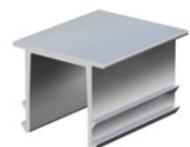
Material: Aluminium EN AW-6063 T6  
 Dimensions H × W × L: 37.1 × 26 × 195 mm  
 Max. torque of inertia Ix: 5.594 cm<sup>4</sup>  
 Max. resisting torque Wx: 2.910 cm<sup>3</sup>  
 Splice 5: incl. slipping protection  
 Splice 5 Grounding: incl. grounding splice and slipping protection



Product	Colour	Weight	QU	PU	BP	Art. No.
Splice 5	mill finished	0.173 kg	pcs	10	2,430	30-200-002
Splice 5 Grounding	mill finished	0.173 kg	pcs	10	2,430	30-200-003

### Covering cap 5

Material: Aluminium EN AW-6063 T6  
 Dimensions H × W × L: 31 × 25 × 36.8 mm



Colour	Weight	QU	PU	BP	Art. No.
mill finished	0.013 kg	pcs	20	11,520	30-500-023
black	0.013 kg	pcs	20	11,520	30-500-033

# Mounting rails

## ST-AK 7/47



### ST-AK 7/47

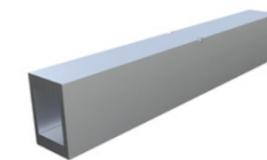
Material: Aluminium EN AW-6063 T6  
 Max. torque of inertia Ix: 7.709 cm<sup>4</sup>  
 Max. resisting torque Wx: 3.155 cm<sup>3</sup>  
 Dimensions H × W: 47 × 35.4 mm

Length	Colour	Weight	QU	PU	BP	Art. No.
6200 mm	mill finished	4.607 kg	pcs	1	105	30-107-015
4405 mm	mill finished	3.273 kg	pcs	1	105	30-107-440
3600 mm	mill finished	2.675 kg	pcs	1	105	30-107-360
3600 mm	black	2.675 kg	pcs	1	105	30-107-361
3300 mm	mill finished	2.452 kg	pcs	1	105	30-107-330
3300 mm	black	2.452 kg	pcs	1	105	30-107-032
2380 mm	mill finished	1.768 kg	pcs	1	105	30-107-038
2380 mm	black	1.768 kg	pcs	1	105	30-107-037

Available in other lengths upon request.

### Splice 7 / Splice 7 Grounding

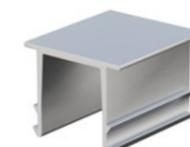
Material: Aluminium EN AW-6063 T6  
 Dimensions H × W × L: 35,5 × 24,2 × 195 mm  
 Max. torque of inertia Ix: 7.007 cm<sup>4</sup>  
 Max. resisting torque Wx: 3.959 cm<sup>3</sup>  
 Splice 7: incl. slipping protection  
 Splice 7 Grounding: incl. grounding splice and slipping protection



Product	Colour	Weight	QU	PU	BP	Art. No.
Splice 7	mill finished	0.224 kg	pcs	10	2,430	30-200-015
Splice 7 Grounding	mill finished	0.224 kg	pcs	10	2,430	30-200-016

### Covering cap 7

Material: Aluminium EN AW-6063 T6  
 Dimensions H × W × L: 31 × 25 × 35.2 mm



Colour	Weight	QU	PU	BP	Art. No.
mill finished	0.013 kg	pcs	20	11,520	30-500-024
black	0.013 kg	pcs	20	11,520	30-500-036

## Mounting rails

### ST-AK 13/60

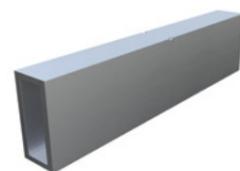


#### ST-AK 13/60

Material: Aluminium EN AW-6063 T6  
 Max. torque of inertia Ix: 14.622 cm<sup>4</sup>  
 Max. resisting torque Wx: 4.815 cm<sup>3</sup>  
 Dimensions H × W: 60 × 37.4 mm

Length	Colour	Weight	QU	PU	BP	Art. No.
6200 mm	mill finished	5.259 kg	pcs	1	96	30-113-033
3150 mm	mill finished	2.672 kg	pcs	1	96	30-113-031

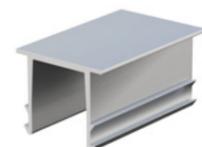
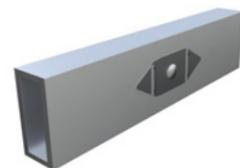
Available in other lengths upon request.



#### Splice 13 / Splice 13 Grounding

Material: Aluminium EN AW-6063 T6  
 Dimensions H × W × L: 48.5 × 23.8 × 195 mm  
 Max. torque of inertia Ix: 13.084 cm<sup>4</sup>  
 Max. resisting torque Wx: 5.395 cm<sup>3</sup>  
 Splice 13: incl. slipping protection  
 Splice 13 Grounding: incl. grounding splice and slipping protection

Product	Colour	Weight	QU	PU	BP	Art. No.
Splice 13	mill finished	0.266 kg	pcs	10	2,430	30-200-017
Splice 13 Grounding	mill finished	0.272 kg	pcs	10	2,430	30-200-022



#### Covering cap 13

Material: Aluminium EN AW-6063 T6  
 Dimensions H × W × L: 31 × 25 × 48.2 mm

Colour	Weight	QU	PU	BP	Art. No.
mill finished	0.017 kg	pcs	20	11,520	30-500-026
black	0.017 kg	pcs	20	11,520	30-500-035



## Mounting rails

### ST-AK 26/70

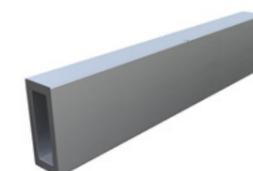


#### ST-AK 26/70

Material: Aluminium EN AW-6063 T6  
 Max. torque of inertia Ix: 26.278 cm<sup>4</sup>  
 Max. resisting torque Wx: 7.117 cm<sup>3</sup>  
 Dimensions H × W: 70 × 43.8 mm

Length	Colour	Weight	QU	PU	BP	Art. No.
6200 mm	mill finished	6.916 kg	pcs	1	75	30-126-027
3150 mm	mill finished	3.514 kg	pcs	1	75	30-126-028

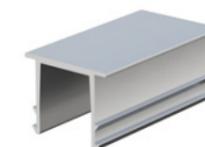
Available in other lengths upon request.



#### Splice 26

Material: Aluminium EN AW-6063 T6  
 Dimensions H × W × L: 57 × 24 × 249 mm  
 Max. torque of inertia Ix: 26.381 cm<sup>4</sup>  
 Max. resisting torque Wx: 9.257 cm<sup>3</sup>  
 Article supplement: incl. slipping protection

Product	Colour	Weight	QU	PU	BP	Art. No.
Verbinder 26	mill finished	0.496 kg	pcs	10	1,620	30-200-020



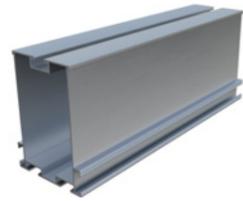
#### Covering cap 26

Material: Aluminium EN AW-6063 T6  
 Dimensions H × W × L: 31 × 25 × 56.8 mm

Colour	Weight	QU	PU	BP	Art. No.
mill finished	0.020 kg	pcs	20	11,520	30-500-028

# Mounting rails

## ST-AK 182/120



### ST-AK 182/120 I=6200

Material: Aluminium EN AW-6063 T6  
 Max. torque of inertia Ix: 183.727 cm<sup>4</sup>  
 Max. resisting torque Wx: 28.163 cm<sup>3</sup>  
 Dimensions H × W: 120 × 87.8 mm  
 Article supplement: No hammer-head slot on top

Length	Colour	Weight	QU	PU	BP	Art. No.
6200 mm	mill finished	14.135 kg	pcs	1	24	30-182-037

# Mounting rails

## Trapezoidal sheet metal rails / High-bead rails



### Trapezoidal sheet metal rail AK I=3150

Material: Aluminium EN AW-6063 T6  
 Max. torque of inertia Ix: 2.279 cm<sup>4</sup>  
 Max. resisting torque Wx: 1.358 cm<sup>3</sup>  
 Article supplement: No hammer-head slot, not drilled and without tape

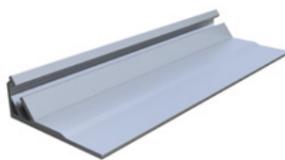
Dimensions H × W × L	Weight	QU	PU	BP	Art. No.
25 × 80 × 3150 mm	2.067 kg	pcs	1	126	30-100-049



### Splice 182

Material: Aluminium EN AW-6063 T6  
 Dimensions H × W × L: 114.5 × 67.2 × 295 mm  
 Max. torque of inertia Ix: 186.527 cm<sup>4</sup>  
 Max. resisting torque Wx: 31.188 cm<sup>3</sup>  
 Article supplement: incl. slipping protection

Product	Colour	Weight	QU	PU	Art. No.
Splice 182	mill finished	0.896 kg	pcs	1	30-200-011



### Adapter 3.1 I=3000

Material: Aluminium EN AW-6063 T6  
 Max. torque of inertia Ix: 7.863 cm<sup>4</sup>  
 Dimensions H × W: 39 × 110 mm

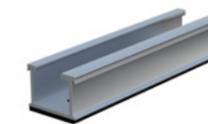
Length	Colour	Weight	QU	PU	BP	Art. No.
3000 mm	mill finished	6.900 kg	pcs	1	80	30-100-055



### Trapezoidal sheet metal rail AK I=374/24

Material: Aluminium EN AW-6063 T66  
 Material sealing: closed-cell rubber EPDM  
 Max. torque of inertia Ix: 2.279 cm<sup>4</sup>  
 Max. resisting torque Wx: 1.362 cm<sup>3</sup>  
 Screw Diameter: 24 × 5 mm  
 Article supplement: 2 × 12 holes 5 mm pre-drilled, bottom side fully covered with EPDM sealing tape

Dimensions H × W × L	Weight	QU	PU	BP	Art. No.
24 × 80 × 374 (with EPDM: 27 × 80 × 374)	0.298 kg	pcs	40	1,280	30-500-031



### HS rail HK 125

Material: Aluminium EN AW-6063 T6  
 Article supplement: Pre-drilled with 2 × 2 holes (5 mm / 6 mm), bottom side fully covered with EPDM sealing tape

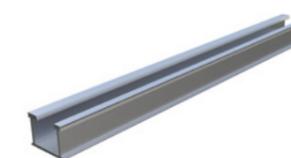
Dimensions H × W × L	Weight	QU	PU	BP	Art. No.
24 × 31 × 125 mm	0.061 kg	pcs	50	8,100	710-400-105



### HS rail HK 172

Material: Aluminium EN AW-6063 T6  
 Article supplement: Pre-drilled with 2 × 4 holes (5 mm / 6 mm), bottom side fully covered with EPDM sealing tape

Dimensions H × W × L	Weight	QU	PU	BP	Art. No.
24 × 31 × 172 mm	0.084 kg	pcs	50	4,800	710-400-112



### HS rail HK I=3300

Material: Aluminium EN AW-6063 T6  
 Max. torque of inertia Ix: 1.086 cm<sup>4</sup>  
 Max. resisting torque Wx: 0.734 cm<sup>3</sup>

Dimensions H × W × L	Weight	QU	PU	BP	Art. No.
24 × 31 × 3300 mm	1.440 kg	pcs	1	270	710-400-113

## Mounting rails

### HS rails XL / HS clamp XL



#### HS rail HK 125 XL 50

Material: Aluminium EN AW-6063 T6  
 Article supplement: Installation with HS clamp XL 130-6.5, bottom side covered with polyester fleece (t=2.2 mm)

Dimensions H × W × L	Weight	QU	PU	BP	Art. No.
52.2 × 31 × 125 mm	0,121 kg	pcs	50	3.150	710-400-110



#### HS rail HK 125 XL 100

Material: Aluminium EN AW-6063 T6  
 Article supplement: Installation with HS clamp XL 130-6.5, bottom side covered with polyester fleece (t=2.2 mm)

Dimensions H × W × L	Weight	QU	PU	BP	Art. No.
102.2 × 31 × 125 mm	0,191 kg	pcs	25	1.575	710-400-108



#### HS clamp XL 130 - 6.5

Material: Aluminium EN AW-6063 T66  
 Article supplement: For installation of HS rail HK 125 XL 50/100, pre-drilled 2 × 6.5 mm; drill holes with EPDM sealing on the bottom

Dimensions H × W × L	Weight	QU	PU	BP	Art. No.
10.8 × 25.8 × 178 mm	0.031 kg	pcs	25	7,500	710-400-165

## Mounting rails

### Trapezoidal sheet metal rail lift / Bracket for sheet metal installation



#### Lift Adapter Multi rear

Material: Aluminium EN AW-6063 T6  
 Article supplement: For mounting on rails with LIFT mounting option

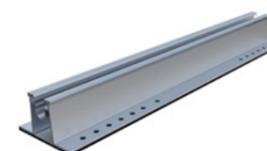
Dimensions H × W × L	Weight	QU	PU	BP	Art. No.
120.3 × 31 × 100 mm	0.137 kg	pcs	40	2,520	720-200-611



#### Lift Adapter Multi front

Material: Aluminium EN AW-6063 T6  
 Article supplement: For mounting on rails with LIFT mounting option

Dimensions H × W × L	Weight	QU	PU	BP	Art. No.
45.9 × 31 × 100 mm	0.068 kg	pcs	40	7,440	720-200-610



#### Lift Trapezoidal sheet metal rail 375

Material: Aluminium EN AW-6063 T6  
 Article supplement: To hold the Lift adapters or for direct mounting modules, bottom side fully covered with EPDM sealing tape

Dimensions H × W × L	Weight	QU	PU	BP	Art. No.
42 × 72 × 375 mm	0.408 kg	pcs	20	900	720-200-612



#### HS rail Lift 100

Material: Aluminium EN AW-6063 T6  
 Article supplement: To hold the Lift adapters or for direct mounting modules, bottom side fully covered with EPDM sealing tape

Dimensions H × W × L	Weight	QU	PU	BP	Art. No.
33.5 × 44 × 100 mm	0.061 kg	pcs	40	7,440	720-200-614



#### Bracket for sheet metal installation

Material: Aluminium EN AW-6063 T6  
 Material screw: Stainless steel A2-70  
 Material sealing: Closed-cell rubber, EPDM  
 Type of roofing: Corrugated iron; Trapezoidal sheet metal  
 Max. height compensation: 21 mm  
 Screw diameter: 5 mm  
 Article supplement: Pre-assembled; incl. hammer-head bolt set M8x25, bottom side fully covered with sealing tape

Weight	QU	PU	BP	Art. No.
0.096 kg	pcs	20	4,860	30-600-011

# Module fastening

## End clamps



### End clamp AK II Klick 30-50

Material: Aluminium EN AW-6063 T6  
 Material screw: Stainless steel A2-70  
 Module frame height: 30-50 mm  
 Clamping distance: 25 mm  
 Article supplement: Pre-assembled

Option	Colour	Weight	QU	PU	BP	Art. No.
l=35	mill finished	0.057 kg	pcs	10	5,760	30-400-008
l=35	black	0.057 kg	pcs	10	5,760	30-400-070
l=40	mill finished	0.060 kg	pcs	10	5,760	30-400-061
l=40	black	0.060 kg	pcs	10	5,760	30-400-068
l=80	mill finished	0.084 kg	pcs	10	2,880	30-400-054

ⓘ Other clamp lengths available upon request.



### End clamp AK 25-40

Material: Aluminium EN AW-6063 T6  
 Material screw: Stainless steel A2-70  
 Module frame height: 25-40 mm  
 Clamping distance: 25 mm  
 Article supplement: Pre-assembled

Option	Colour	Weight	QU	PU	BP	Art. No.
l=50	mill finished	0.061 kg	pcs	10	5,760	30-400-023
l=50	black	0.061 kg	pcs	10	5,760	30-400-086
l=50 with grounding plate	mill finished	0.065 kg	pcs	10	2,880	30-400-087
l=50 with grounding plate	black	0.065 kg	pcs	10	2,880	30-400-108

# Module fastening

## Module clamps



### Module clamp AK II Klick 30-50

Material: Aluminium EN AW-6063 T6  
 Material screw: Stainless steel A2-70  
 Module frame height: 30-50 mm  
 Distance b/w modules: 19 mm  
 Article supplement: Pre-assembled

Option	Colour	Weight	QU	PU	BP	Art. No.
l=40	mill finished	0.049 kg	pcs	40	6,480	30-400-049
l=40	black	0.049 kg	pcs	40	6,480	30-400-066
l=40 with grounding plate	mill finished	0.057 kg	pcs	40	6,480	30-400-082
l=80	mill finished	0.070 kg	pcs	40	3,840	30-400-056

ⓘ Other clamp lengths available upon request.



### Module clamp AK 25-40

Material: Aluminium EN AW-6063 T6  
 Material screw: Stainless steel A2-70  
 Module frame height: 25-40 mm  
 Distance b/w modules: 19 mm  
 Article supplement: Pre-assembled

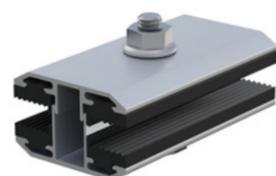
Option	Colour	Weight	QU	PU	BP	Art. No.
l=50	mill finished	0.048 kg	pcs	40	6,480	30-400-088
l=50	black	0.048 kg	pcs	40	6,480	30-400-089
l=50 with grounding plate	mill finished	0.055 kg	pcs	40	6,480	30-400-098
l=50 with grounding plate	black	0.055 kg	pcs	40	6,480	30-400-101

# Module fastening

## Laminate clamps

### Laminate mid clamp / end clamp AK 80 TPE

Material: Aluminium EN AW-6063 T6  
 Material screw: Stainless steel A2-70  
 Material rubber: TPE  
 Clamping area: 6,5-7,5 mm  
 Article supplement: Pre-assembled mit Hammerkopfschraube  
 Certification: First Solar FS 4 among others



### Laminate mid clamp LMK AK 80 TPE

Dimensions H x W x L: 43.1 x 45.1 x 80 mm  
 Distance b/w modules: 16 mm

Weight	QU	PU	BP	Art. No.
0.118 kg	pcs	40	3,840	30-400-073



### Laminate end clamp LEK AK 80 TPE

Dimensions H x W x L: 43.1 x 34.6 x 80 mm  
 Distance b/w modules: 16 mm

Weight	QU	PU	BP	Art. No.
0.101 kg	pcs	5	2,880	30-400-074

**More laminate clamps available upon request. Clamp width up to 200 mm. For modules with a glass thickness of 3.9 - 8.5 mm.**

# Fastening to the roof

## Roof hooks Alu

### sflex Roof hooks Alu

Material: Aluminium EN AW-6082 T6  
 Material screw: Stainless steel A2-70  
 Type of roofing: Tile, pan  
 Article supplement: Pre-assembled;  
 incl. hammer-head bolt set M8x25



### RH Alu 93-7-45

Base plate: 93 x 95 x 40 mm; drilling 10 x 7 mm  
 Max. height compensation: 45 to 58 mm in roof panel area;  
 21 mm in rail area

Colour	Weight	QU	PU	BP	Art. No.
mill finished	0.456 kg	pcs	20	640	720-200-040
black	0.456 kg	pcs	20	640	720-200-043



### RH Alu 150-7-45

Base plate: 150 x 95 x 40 mm; drilling 8 x 7 mm  
 Max. height compensation: 45 to 58 mm in roof panel area;  
 21 mm in rail area

Colour	Weight	QU	PU	BP	Art. No.
mill finished	0.580 kg	pcs	20	480	30-600-019



### RH Alu 93-7-40

Base plate: 93 x 95 x 40 mm; drilling 10 x 7 mm  
 Max. height compensation: 40 to 51.5 mm in roof panel area;  
 21 mm in rail area

Colour	Weight	QU	PU	BP	Art. No.
mill finished	0.468 kg	pcs	20	640	720-200-041

# Fastening to the roof

## Roof hooks Alu / Vario

### sflex Roof hooks Alu / Vario

Material: Aluminium EN AW-6082 T6  
 Material screw: Stainless steel A2-70  
 Type of roofing: Tile, pan  
 Article supplement: Pre-assembled;  
 incl. hammer-head bolt set M8x25



#### RH Alu 111-9-40

Base plate: 111 × 110 × 40 mm; drilling 8 × 9 mm  
 Max. height compensation: 40 to 51.5 mm in roof panel area;  
 21 mm in rail area

Colour	Weight	QU	PU	BP	Art. No.
mill finished	0.521 kg	pcs	20	640	30-600-023



#### RH Alu 111-9-45

Base plate: 111 × 110 × 40 mm; drilling 8 × 9 mm  
 Max. height compensation: 45 to 58 mm in roof panel area;  
 21 mm in rail area

Colour	Weight	QU	PU	BP	Art. No.
mill finished	0.509 kg	pcs	20	640	30-600-029
black	0.509 kg	pcs	20	480	30-600-030



#### RH Alu 180-9-40

Base plate: 180 × 110 × 40 mm; drilling 8 × 9 mm  
 Max. height compensation: 40 to 51.5 mm in roof panel area;  
 21 mm in rail area

Colour	Weight	QU	PU	BP	Art. No.
mill finished	0.679 kg	pcs	20	480	30-600-025



#### RH Vario2 111-9-40

Base plate: 111 × 110 × 40 mm; drilling 8 × 9 mm  
 Max. height compensation: 40 to 51.5 mm in roof panel area;  
 30.6 mm in rail area

Colour	Weight	QU	PU	BP	Art. No.
mill finished	0.631 kg	pcs	20	480	30-600-035

# Fastening to the roof

## Roof hooks heavy duty

### sflex Roof hooks Hybrid

Material: Aluminium EN AW-6063 T6 (Base plate) /  
 Steel S235 (Bracket)  
 Material screw: Stainless steel A2-70  
 Type of roofing: Tile, pan  
 Article supplement: Pre-assembled;  
 incl. hammer-head bolt set M8x25;  
 suitable for heavy loads



#### RH Hybrid 112-7-46 8mm II

Base plate: 112.5 × 84 × 46 mm; drilling 12 × 7 mm  
 Max. height compensation: 46 to 61 mm in roof panel area;  
 21 mm in rail area  
 Fastening: with wood screws d=6mm

Weight	QU	PU	BP	Art. No.
0.951 kg	pcs	10	630	710-200-122-02



#### RH Hybrid 149-9-46 8mm

Base plate: 149 × 130 × 46 mm; drilling 10 × 9 mm  
 Max. height compensation: 46 to 61 mm in roof panel area;  
 21 mm in rail area  
 Fastening: with wood screws d=8mm

Weight	QU	PU	BP	Art. No.
1.153 kg	pcs	8	360	710-200-103



#### RH Hybrid 112-7-56 XL 8mm

Base plate: 112.5 × 84 × 56 mm; drilling 12 × 7 mm  
 Max. height compensation: 56 to 72 mm in roof panel area;  
 21 mm in rail area  
 Fastening: with wood screws d=6mm

Weight	QU	PU	BP	Art. No.
1.110 kg	pcs	6	378	710-200-132-02

## Fastening to the roof

### Roof hooks plain tile / slate

#### sflex Roof hooks plain tile / slate

Material:	Stainless steel A2; 1.4301
Material screw:	Stainless steel A2-70
Article supplement:	Pre-assembled; incl. hammer-head bolt set M8x25



#### sflex RH plain tile 30×6

Type of roofing:	Plain tile
Dimensions W × H:	Material thickness 30×6 mm
Drilling:	2×9 mm for plate head wood screws

Weight	QU	PU	BP	Art. No.
0.606 kg	pcs	20	960	720-200-071

#### sflex RH slate 30×5

Type of roofing:	Slate
Dimensions W × H:	Material thickness 30×5 mm
Drilling:	3×7 mm for countersunk wood screws



Weight	QU	PU	BP	Art. No.
0.462 kg	pcs	20	1,080	720-200-061

#### sflex RH slate 35×6

Type of roofing:	Slate
Dimensions W × H:	Material thickness 35×6 mm
Drilling:	3×7 mm for countersunk wood screws



Weight	QU	PU	BP	Art. No.
0.657 kg	pcs	10	720	720-200-068

## Fastening to the roof

### Roof hook accessories



#### Aluminium roof tile type “Biber Vario”

Material:	Aluminium EN AW-6063 T66
Dimensions:	178 × 360 × 8.8 mm

Weight	QU	PU	BP	Art. No.
0.418 kg	pcs	15	1,440	720-200-701



#### Metal roof tile type “Biber Vario”

Material:	Sheet steel zinc plated
Dimensions:	180 × 380 mm (coverage area), thickness 0.7 mm
Article supplement:	Delivery with foam wedges (self-adhesive)

Option	Weight	QU	PU	Art. No.
zinc plated	0.500 kg	pcs	30	720-200-102
red – powder-coated	0.500 kg	pcs	30	720-200-100
brown – powder-coated	0.500 kg	pcs	30	720-200-101
dark grey – powder-coated	0.500 kg	pcs	30	720-200-103



#### Metal roof tile type “Concrete”

Material:	Stahlblech verzinkt
Dimensions:	385 × 425 mm, thickness 0.7 mm
Article supplement:	Delivery with foam wedges (self-adhesive) and plumb seal

Option	Weight	QU	PU	Art. No.
zinc plated	1.400 kg	pcs	20	720-200-105
red – powder-coated	1.400 kg	pcs	20	720-200-106
brown – powder-coated	1.400 kg	pcs	20	720-200-107
dark grey – powder-coated	1.400 kg	pcs	20	720-200-108

! More metal roof tiles for all common types of tile available upon request.

#### Shimming plate for roof hooks

Material:	Polypropylen
Dimensions:	100 × 52 × 6 mm
Article supplement:	Bearing strength 150 kg, temperature-resistant from -20° to +80° C; mounting with the surface facing downwards

Weight	QU	PU	BP	Art. No.
0.012 kg	pcs	20	500	720-200-600

# Fastening to the roof

## Standing seam clamps

### sflex Standing seam clamps

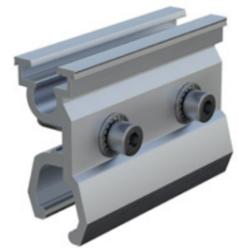
Material screw: Stainless steel A2-70  
 Article supplement: Pre-assembled; direct mounting of modules without mounting rails possible



### sflex Standing seam clamp 2.1

Material: Aluminium EN AW-6063 T6  
 Dimensions L x W x H: 100 x 50 x 78.1 mm  
 Type of roofing: Sheet metal / standing seam and round seam

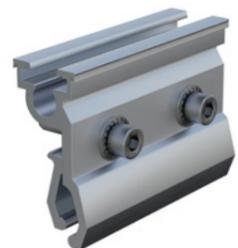
Weight	QU	PU	BP	Art. No.
0.323 kg	pcs	27	1,944	720-200-502



### sflex Standing seam clamp CL

Material: Aluminium EN AW-6063 T6  
 Dimensions L x W x H: 100 x 48 x 70.9 mm  
 Type of roofing: Industrial metal system roofs

Weight	QU	PU	BP	Art. No.
0.273 kg	pcs	36	2,592	720-200-520



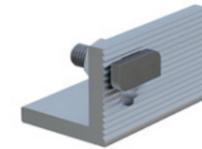
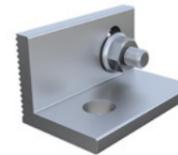
### sflex Standing seam clamp DCO

Material: Aluminium EN AW-6063 T6  
 Dimensions L x W x H: 100 x 48 x 70.9 mm  
 Type of roofing: Industrial metal system roofs

Weight	QU	PU	BP	Art. No.
0.261 kg	pcs	36	2,592	720-200-530

# Fastening to the roof

## Brackets / Adapter rails



### Brackets

Material: Aluminium EN AW-6063 T6  
 Material screw: Stainless steel A2-70  
 Article supplement: Pre-assembled; incl. hammer-head bolt set M8x25

Option	Screw diameter	Weight	QU	PU	BP	Art. No.
40mm, M8	for 8 mm screws	0.102 kg	pcs	20	4,860	30-700-004
60mm, M10	for 10 mm screws	0.087 kg	pcs	20	5,760	30-700-020
60mm, M12	for 12 mm screws	0.086 kg	pcs	20	5,760	30-700-018



### Adapter rail

Material: Aluminium EN AW-6063 T6  
 Dimensions W x H: 92 x 40 mm  
 Article supplement: For supporting heavy loads with 2 hanger bolts or pins

Option	Length	Weight	QU	PU	BP	Art. No.
l=366	366 mm	0.552 kg	pcs	20	640	30-500-019
l=235	235 mm	0.351 kg	pcs	50	1,600	30-500-021

# Screw fastening

## Hanger bolts



### Hanger bolts A2

Material: Stainless steel A2

Type of roofing: Corrugated cement sheets, trapezoidal / corrugated sheet metal

Option	Wrench size	Weight	QU	PU	BP	Art. No.
M8×200 pure	SW 7	0.090 kg	pcs	50	3,600	700-200-005
<b>Pre-assembled with 3 self-locking nuts M8 und 1 EPDM sealing</b>						
M10×200 pure	SW 7	0.138 kg	pcs	50	3,600	700-200-001
<b>Pre-assembled with 3 self-locking nuts M10 und 1 EPDM sealing</b>						
M10×250 pure	SW 7	0.144 kg	pcs	50	2,400	700-200-002
<b>Pre-assembled with 3 self-locking nuts M10 und 1 EPDM sealing</b>						
M12×250 pure	SW 9	0.220 kg	pcs	50	2,400	700-200-003
<b>Pre-assembled with 3 self-locking nuts M12 und 1 EPDM sealing</b>						
M12×300 pure	SW 9	0.253 kg	pcs	50	2,400	700-200-004
<b>Pre-assembled with 3 self-locking nuts M12 und 1 EPDM sealing</b>						

Other sizes available upon request.

# Screw fastening

## Solar fastener BZ / Solar fastener A



### Solar fastener RSB-BZ for steel constructions

Material: Stainless steel A2

Type of roofing: Trapezoidal sheet metal, corrugated metal, corrugated cement sheets

Article supplement: Pre-assembled with 2 nuts M10 and A2/EPDM sealing washer; 5 mm hexagon drive

Option	Length	Weight	QU	PU	Art. No.
8,0/M10 × 100/50	156 mm clamping area 35-80 mm	0.110 kg	pcs	20	700-700-001
<b>Thread: Metric thread M10×50, Drill thread 8.0×100</b>					
8,0/M10 × 150/50	206 mm clamping area 85-130 mm	0.112 kg	pcs	20	700-700-003
<b>Thread: Metric thread M10×50, Drill thread 8.0×150</b>					
8,0/M10 × 200/50	256 mm clamping area 135-180 mm	0.127 kg	pcs	20	700-700-005
<b>Thread: Metric thread M10×50, Drill thread 8.0×200</b>					

Other lengths available upon request.

All solar fasteners with choice of calotte or corrugated cement sealing.



### Solar fastener RSB-A for wood constructions

Material: Stainless steel A2

Type of roofing: Trapezoidal sheet metal, corrugated metal, corrugated cement sheets

Article supplement: Pre-assembled with 2 nuts M10 and A2/EPDM sealing washer; 5 mm hexagon drive

Option	Length	Weight	QU	PU	Art. No.
8,0/M10 × 100/50	156 mm clamping area 20-60 mm	0.110 kg	pcs	20	700-700-021
<b>Thread: Metric thread M10×50, Drill thread 8.4×100</b>					
8,0/M10 × 150/50	206 mm clamping area 75-110 mm	0.112 kg	pcs	20	700-700-029
<b>Thread: Metric thread M10×50, Drill thread 8.4×150</b>					
8,0/M10 × 200/50	256 mm clamping area 125-160 mm	0.127 kg	pcs	20	700-700-030
<b>Thread: Metric thread M10×50, Drill thread 8.4×200</b>					

Other lengths available upon request.

All solar fasteners with choice of calotte or corrugated cement sealing.

# Screw fastening

## Wood screws



### sflex wood screw

Material: Stainless steel A2  
 Article supplement: For roof hook slate, with drill bit and slice coating

Option	Length	Weight	QU	PU	BP	Art. No.
6×60 A2 TX 30	60 mm	0.011 kg	pcs	100	39,000	700-102-681
6×80 A2 TX 30	80 mm	0.015 kg	pcs	100	39,000	700-102-680
6×100 A2 TX 30	100 mm	0.016 kg	pcs	100	39,000	700-102-682
6×120 A2 TX 30	120 mm	0.017 kg	pcs	100	26,000	700-102-683



### Wood screw countersunk

Material: Stainless steel A2  
 Article supplement: For roof hook slate, with drill bit and slice coating

Option	Length	Weight	QU	PU	BP	Art. No.
6×80 A2 TX 30	80 mm	0.010 kg	pcs	200	57,600	700-100-202



### Wood screw plate head

Material: Stainless steel A2  
 Article supplement: With threading groove; for roof hook Alu

Option	Length	Weight	QU	PU	BP	Art. No.
8,0×80 TX 40	80 mm	0.020 kg	pcs	100	28,800	700-100-003
8,0×100 TX 40	100 mm	0.025 kg	pcs	100	14,400	700-100-004
8,0×140 TX 40	140 mm	0.030 kg	pcs	50	14,400	700-100-140
8,0×200 TX 40	200 mm	0.060 kg	pcs	50	9,600	700-100-006

📌 Holzbauschrauben in weiteren Dimensionen auf Anfrage.

# Accessories

## Cross adapter clamp / Safety material



### Cross adapter clamp AK II A

Material: Aluminium EN AW-6063 T6  
 Material screw: Stainless steel A2-70  
 Article supplement: Pre-assembled

Weight	QU	PU	BP	Art. No.
0.054 kg	pcs	20	5,760	30-500-047



### Cross adapter clamp HK

Material: Aluminium EN AW-6063 T6  
 Material screw: Stainless steel A2-70  
 Article supplement: Pre-assembled

Weight	QU	PU	BP	Art. No.
0.060 kg	pcs	30	9,000	710-100-220



### Slipping protection set

Material: Stainless steel A2-70  
 Article supplement: incl. hex nut M6

Thread	Length	Weight	QU	PU	Art. No.
M6	20 mm	0.010 kg	pcs	25	30-700-002



### Slider lock AK

Material: Aluminium EN AW-6063 T6  
 Material screw: Stainless steel A2-70  
 Article supplement: Pre-assembled

Colour	Weight	QU	PU	BP	Art. No.
mill finished	0.024 kg	pcs	20	11,520	30-500-003
black	0.024 kg	pcs	20	11,520	30-500-007



### Slider lock XL AK

Material: Aluminium EN AW-6063 T6  
 Material screw: Stainless steel A2-70  
 Article supplement: Pre-assembled

Colour	Weight	QU	PU	BP	Art. No.
mill finished	0.027 kg	pcs	20	11,520	30-500-002

## Accessories

Sheet metal screws / Rivets / Sealing tape /  
Hammer-head bolts



### Sheet metal screw A2

Material: Stainless steel A2 / Bi-Metall plus EPDM sealing washer  
Article supplement: Swarf-free self-cutting for sheet metal installation, wrench size 8

Option	Length	Weight	QU	PU	BP	Art. No.
4.5×25	25 mm	0.005 kg	pcs	100	48,000	700-900-001
6.0×25	25 mm	0.008 kg	pcs	100	52,000	700-900-002



### Repair screw FABA TypeA 7.2×19 E19

Material: Stainless steel A2 plus EPDM sealing washer  
Article supplement: For the repair of rivet or screw holes in metal sheets  $\varnothing \leq 6.3$  mm

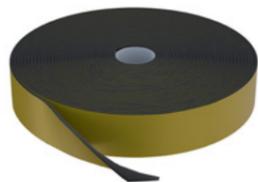
Length	Weight	QU	PU	BP	Art. No.
19 mm	0.009 kg	pcs	100	52,000	700-900-006



### Blind rivet multi-range sflex/GESIPA

Material: Aluminium / Stainless steel A2  
Article supplement: Blind rivet for sheet metal installation

Dimensions	Weight	QU	PU	Art. No.
4.8 × 12 mm (pin)	0.003 kg	pcs	100	30-700-725



### Sealing tape EPDM, 25 m reel

Material: Closed-cell rubber EPDM

Dimensions	Weight	QU	PU	BP	Art. No.
30 × 2 mm, 25 m reel	0.335 kg / 25 m reel	pcs	16	448	700-300-200



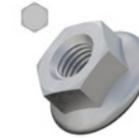
### Hammer-head bolt Type 28/15

Material: Stainless steel A2-70  
Thread: M8

Option	Length	Weight	QU	PU	BP	Art. No.
M8×25	25 mm	0.015 kg	pcs	100	50,400	700-300-002
M8×45	45 mm	0.019 kg	pcs	100	21,600	700-300-003

## Accessories

Serrated nuts / Hexagon socket head cap screw



### Serrated nut

Material: Stainless steel A2

Option	Thread	Weight	QU	PU	Art. No.
M8 A2 DIN 6923	M8	0.006 kg	pcs	100	700-500-001
M10 A2 DIN 6923	M10	0.011 kg	pcs	100	700-500-002
M12 A2 DIN 6923	M12	0.016 kg	pcs	100	700-500-006



### Serrated washer

Material: Stainless steel A4

Diameter	Weight	QU	PU	Art. No.
For M8 screws	0.002 kg	pcs	100	700-600-005



### Hexagon socket head cap screw M8x120 DIN 912 A2

Material: Stainless steel A2

Diameter	Length	Weight	QU	PU	Art. No.
13 mm	10 mm	0.034 kg	pcs	50	700-411-003

## Accessories

Rail cover



### Rail cover 5

Material: PA6 (UV-resistant)  
Dimensions H × W × L: 140 × 160 × 200 mm

New

Colour	Weight	QU	PU	Art. No.
black	0.048 kg	pcs	12	710-100-251

## Accessories

### Cable straps / Grounding material



#### Cable straps standard black

Material: UV-resistant polyamide  
Traction force: 222 N

Dimensions	QU	PU	BP	Art. No.
300 × 4.8 mm	pcs	100	11,000	720-800-010



#### Cable straps edge clip KC 15 (incl. cable straps)

Material: UV-resistant polyamide  
Traction force: 180 N  
Clamping area: 0.7–3.0 mm; cable route variable parallel / 90° to the edge

Dimensions	QU	PU	BP	Art. No.
200 × 3.6 mm	pcs	100	48,000	720-800-004

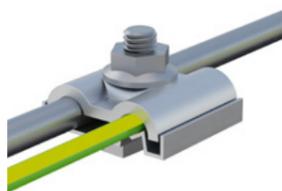
❗ Other cable straps edge clips available upon request.



#### Grounding clamp

Material: EN-AC-42100T6  
Material screw: Stainless steel A2-70  
Article supplement: Pre-assembled;  
incl. hammer-head bolt set M8 x 25

Dimensions with fastening	Weight	QU	PU	Art. No.
40 × 40 × 28.3	0.059 kg	pcs	50	720-800-023



#### Grounding clamp DEHN Uni

Material: Stainless steel 1.4301  
Material screw: Stainless steel A2-70  
Article supplement: Pre-assembled;  
incl. hammer-head bolt set M8 x 25

Dimensions with fastening	Weight	QU	PU	Art. No.
40 × 40 × 28.3 mm	0.065 kg	pcs	50	720-800-031

## Accessories

### Grounding material



#### Aluminium strip 3-27-1160

Material: EN AW-6060 T66

Dimensions	Weight	QU	PU	Art. No.
3 × 27 × 1160 mm	0.148 kg	pcs	1	720-800-032

New



#### Gusset plate steel S235

Material: Steel S235 zinc plated  
Drilling: Drill holes for the variable connection of rails

Dimensions	Weight	QU	PU	Art. No.
142 × 106 × 4 mm	0.391 kg	pcs	50	720-100-006
hole diameter				
9.0 mm				

