

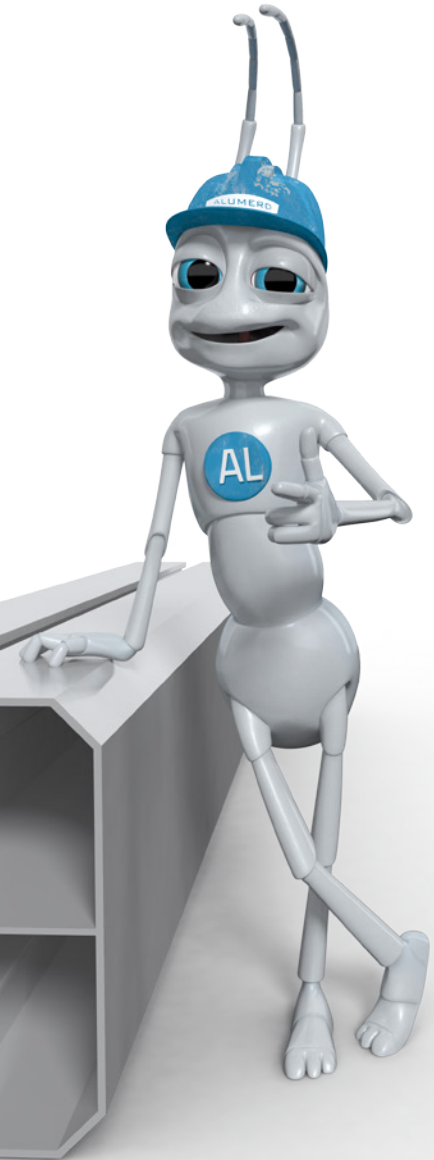


SOLAR

ALUMERO

MOUNTING SYSTEMS

EN



There is no segment that allows us to prove the sustainability of our innovative concepts better than this one. We invest all our energy into the ultimate developmental goal of harnessing the power of the sun. All our efforts are focussed on the development of new technologies in the field of renewable energy.

To use the infinite power of the sun.



ALUMERO is specialized in mounting systems for photovoltaic and solar installations on flat roofs, pitched roofs and for ground mounting. Individual clamping technologies for laminated and framed modules, as well as customized constructions are also part of our core competency.

ALUMERO – your system- and OEM-producer.

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ALUMERO

Short overview about our philosophy, quality, competence and all the divisions, in which we work successfully.

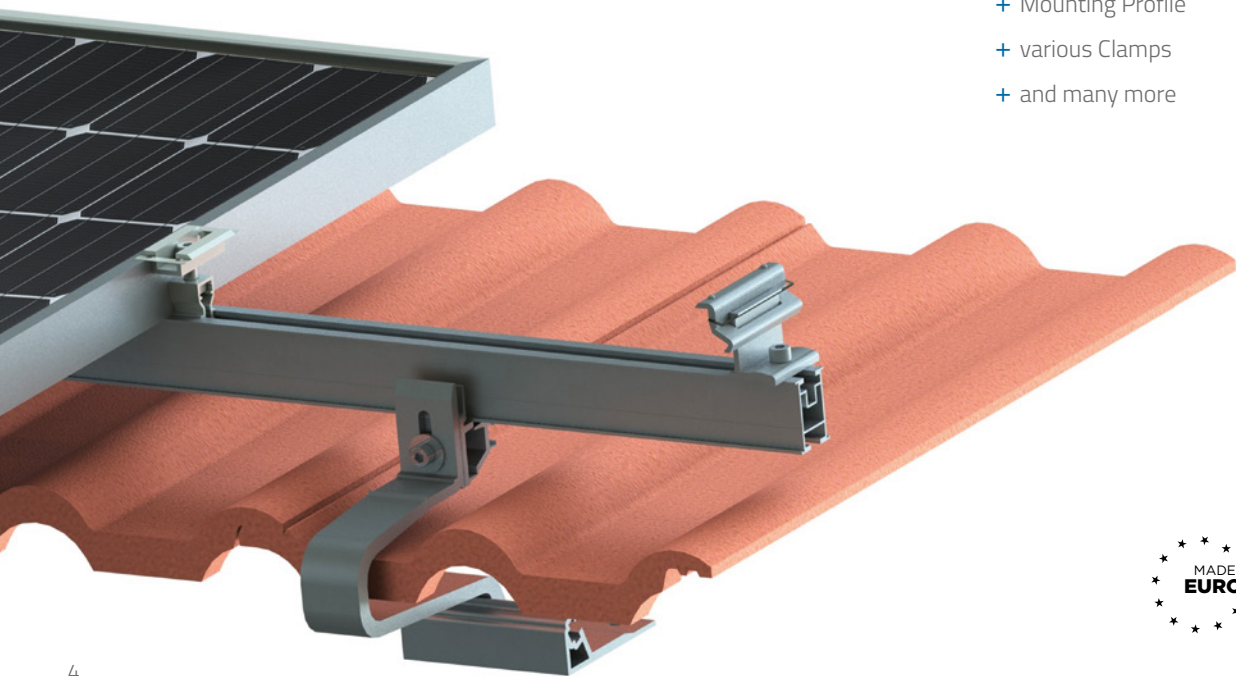
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PITCHED ROOF AS 2.1

THE INNOVATIVE PITCHED ROOF MOUNTING SYSTEM

ALUMERO's most economical pv mounting system for pitched roofs is quick and easy to install. The system **AS 2.1** scores with structurally optimized profiles and pre-mounted components. The ALUMERO **SOLAR.PRO.TOOL** supports you in the technical layout of the pv mounting system. It generates the project report, a material list and a verifiable structural calculation for your pv system.



All product ranges from this catalog you can find online at www.alumero.com



PITCHED ROOF SYSTEM AS 2.1

KOMPONENTEN

- + Roof Hooks
- + Trapezoidal Bridge
- + Hanger Bolt
- + Standing Metal Seam Clamp
- + Mounting Profile
- + various Clamps
- + and many more



Certificate No. MCS IK0201/1 + MCS IK0201/2 Pitched Roof Installation Kit

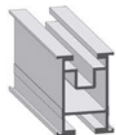
profiles

artikel-nr: 17895
product-nr: 802100-315

Mounting profile 45
L=3.150 (-0/+10) mm
Outside dimensions: 32x45x6200 mm
1 x Mounting channel for threaded plate M8
1 x Mounting channel for hammer head screw M8 or M10

drawing number: 802100-315 A
surface: mill finish

material: EN AW 6063 / T66
weight: 0,816 kg/mtr
packaging: *504 mtr. (160 Stg.)
Wx, Wy: 3007 mm³, 1972 mm³

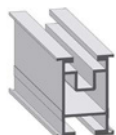


artikel-nr: 17184
product-nr: 802100-42

Mounting profile 45
L=4.200 (-0/+10) mm
Outside dimensions: 32 x 45mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802100-42 A
surface: mill finish

material: EN AW 6063 / T66
weight: 0,816 kg/mtr
packaging: 672 mtr. (160 Stg.)
Wx, Wy: 3007 mm³, 1972 mm³

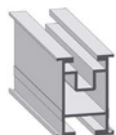


artikel-nr: 16757
product-nr: 802100-62

Mounting profile 45
L=6.200 (-0/+10) mm
Outside dimensions: 32 x 45mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802100-62 A
surface: mill finish

material: EN AW 6063 / T66
weight: 0,816 kg/mtr
packaging: 992 mtr. (160 Stg.)
Wx, Wy: 3007 mm³, 1972 mm³



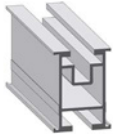
profiles

artikel-nr: 16413
product-nr: 802100Z

Mounting profile 45 cut
L=variabel (-0/+10) mm
Outside dimensions: 32x45mm
1x Mounting channel for threaded plate M8
1 x Mounting channel for hammer head screw M8 or M10

drawing number: 802100Z A
surface: mill finish

material: EN AW 6063 / T66
weight: 0,816 kg/mtr
packaging:
Wx, Wy: 3007 mm³, 1972 mm³



artikel-nr: 16759
product-nr: 802102-62

Mounting profile 65
L=6.200 (-0/+10) mm
Outside dimensions: 40 x 65 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802102-62 A
surface: mill finish

material: EN AW 6063 / T66
weight: 1,216 kg/mtr
packaging: *465 mtr. (75 Stg.)
Wx, Wy: 7795 mm³, 3922 mm³



artikel-nr: 16760
product-nr: 802103-62

Mounting profile 95
L=6.200 (-0/+10) mm
Outside dimensions: 62 x 95 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802103-62 A
surface: mill finish

material: EN AW 6063 / T66
weight: 1,655 kg/mtr
packaging: *223,2 mtr. (36 Stg.)
Wx, Wy: 16700 mm³, 9830 mm³



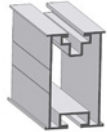
profiles

artikel-nr: 17112
product-nr: 802104-62

Mounting profile 80
L=6.200 (-0/+10) mm
Outside dimensions: 50 x 80 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802104-62 A
surface: mill finish

material: EN AW 6063 / T66
weight: 1,437 kg/mtr
packaging: *341 mtr. (55 Stg.)
Wx, Wy: 11797 mm³, 5943 mm³

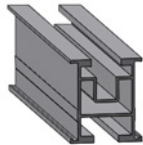


artikel-nr: 19687
product-nr: 802105-315

Mounting profile 37
L=3.150 (-0/+10) mm
Outside dimensions: 25,3 x 37 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802105-315 A
surface: mill finish

material: EN AW 6063 / T66
weight: 0,664 kg/mtr
packaging: *567 mtr. (180 Stg.)
Wx, Wy: 2023 mm³, 1544 mm³

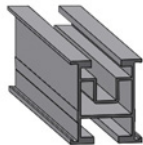


artikel-nr: 19686
product-nr: 802105-42

Mounting profile 37
L=4.200 (-0/+10) mm
Outside dimensions: 25,3 x 37 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802105-42 A
surface: mill finish

material: EN AW 6063 / T66
weight: 0,664 kg/mtr
packaging: *756 mtr. (180 Stg.)
Wx, Wy: 2023 mm³, 1544 mm³



profiles

artikel-nr: 17699
product-nr: 802105-62

Mounting profile 37
L=6.200 (-0/+10) mm
Outside dimensions: 25,3 x 37 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802105-62 A
surface: mill finish

material: EN AW 6063 / T66
weight: 0,664 kg/mtr
packaging: *1.116 mtr. (180 Stg.)
Wx, Wy: 2023 mm³, 1544 mm³

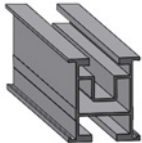


artikel-nr: 20358
product-nr: 802105Z

Mounting profile 37 cutting
L=variabel (-0/+10) mm
Outside dimensions: 25,3 x 37 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802105Z A
surface: mill finish

material: EN AW 6063 / T66
weight: 0,664 kg/mtr
packaging:



artikel-nr: 16761
product-nr: 802190-62

Mounting profile 45 black
L=6.200 (-0/+10) mm
Surface black anodized
Outside dimensions: 32 x 45 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802190-62 A
surface: anodized in E6/C35

material: EN AW 6063 / T66
weight: 0,816 kg/mtr
packaging: 992 mtr. (160 Stg.)
Wx, Wy: 3007 mm³, 1972 mm³



profiles

artikel-nr: 20013
product-nr: 802195-62

Mounting profile 37 black
L=6.200 (-0/+10) mm
Surface black anodized
Outside dimensions: 25,3 x 37 mm
1x mounting channel for threaded plate M8
1x mounting channel for hammer head screw M8 or M10

drawing number: 802195-62 A
surface: anodized in E6/C35

material: EN AW 6063 / T66
weight: 0,664 kg/mtr
packaging: 1.116 mtr. (180 Stg.)



connection parts

artikel-nr: 16416
product-nr: 802150

Profile connector 45
L=270 mm
for Mounting profile 45
Outside dimensions: 22,3 x 22 mm

drawing number: 802150 A
material: EN AW 6063 / T66

weight: 0,075 kg/Stk
packaging: 10 Stk. pro Karton / 3.360 Stk. pro Palette



artikel-nr: 20504
product-nr: 802150S

Profile connector 45 S
L=270 mm
for Mounting profile 45 incl. 4 self drilling screws SW8 6,0 x 25 mm
Outside dimensions: 22,3 x 22 mm

drawing number: 802150S A
material: EN AW 6063 / T66; A2-70

weight: 0,075 kg/Stk
packaging: 10 Stk. pro Karton / 3.360 Stk. pro Palette



artikel-nr: 16441
product-nr: 802152

Profile connector 65
L=400 mm
for Mounting profile 65
Outside dimensions: 30 x 3 x 58,3 mm

drawing number: 802152 B
material: EN AW 6063 / T66

weight: 0,220 kg/Stk
packaging: 10 Stk. pro Karton / 1.000 Stk. pro Palette

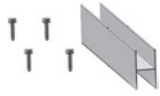


connection parts

artikel-nr: 17418
product-nr: 802152S

Profile connector 65 S
L=400 mm
for Mounting profile 65 incl. 4 self drilling screws SW8 6,0 x 25 mm
Outside dimensions: 30 x 3 x 8,3 mm

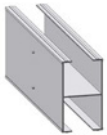
drawing number: 802152S B
material: EN AW 6063 / T66; A2-70
weight: 0,248 kg/Stk
packaging: *10 Stk. pro Karton / 1.000 Stk. pro Palette



artikel-nr: 16446
product-nr: 802153

Profile connector 95
L=400 mm
for Mounting profile 95
Outside dimension: 51,1 x 91,3 mm

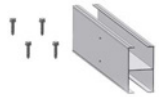
drawing number: 802153 B
material: EN AW 6063 / T66
weight: 0,453 kg/Stk
packaging: *10 Stk. pro Karton / 240 Stk. pro Palette



artikel-nr: 17419
product-nr: 802153S

Profile connector 95 S
L=400 mm
for Mounting profile 95 incl 4 pcs. self drilling screws SW8 6,0 x 25
Outside dimension: 51,1 x 91,3 mm

drawing number: 802153S B
material: EN AW 6063 / T66; A2-70
weight: 0,481 kg/Stk
packaging: *10 Stk. pro Karton / 240 Stk. pro Palette



artikel-nr: 17115
product-nr: 802154

Profile connector 80
L=400 mm
for Mounting profile 80
Outside dimension: 39,1 x 76,3 mm

drawing number: 802154 A
material: EN AW 6063 / T66
weight: 0,345 kg/Stk
packaging: *10 Stk. pro Karton / 240 Stk. pro Palette

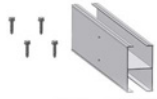


connection parts

artikel-nr: 18061
product-nr: 802154S

Profile connector 80 S
L=400 mm
for Mounting profile 80 incl. 4 self drilling screws SW10 6,3 x 25 mm
Outside dimensions: 30 x 58,3 mm

drawing number: 802154S A
material: EN AW 6063 / T66; A2-70
weight: 0,345 kg/Stk
packaging: *10 Stk. pro Karton / 240 Stk. pro Palette



artikel-nr: 18249
product-nr: 802155

Profile connector 37
L=200 mm
for Mounting profile 37
Outside dimensions: 15 x 22 mm

drawing number: 802155 A
material: EN AW 6063 / T66
weight: 0,051 kg/Stk
packaging: *10 Stk. pro Karton



artikel-nr: 16417
product-nr: 802200

Cross connector 2.1
for Mounting profile 37, 45 and 65
inkl. Socket screw M8x30 with square nut
inkl. Socket screw M8x16 with threaded plate 28x15 and Tuflock

drawing number: 802200 A
material: EN AW 6063 / T66; A2-70
weight: 0,092 kg/Stk
packaging: 20 Stk. pro Karton / 2.800 Stk. pro Palette



clamps

artikel-nr: 16482
product-nr: 802301-30-33V

Middle clamp for fast mounting 30-33
L=50 mm
Incl. Opening-function
for Frame height 31-33 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802301-30-33V A
surface: mill finish; stainless steel A2-70
material: EN AW 6063 / T66; A2-70
weight: 0,046 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



clamps

artikel-nr: 22242
product-nr: 802301-30-33V P1

Middle clamp with pin 30-33
L=50 mm
Incl. Opening-function
for Frame height 30-33 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802301-30-33V P1
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,046 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



artikel-nr: 21340
product-nr: 802301-33-42V

Middle clamp for fast mounting 33-42
L=50 mm
Incl. Opening-function
for Frame height 33-42 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802301-33-42V
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,053 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



artikel-nr: 21292
product-nr: 802301-33-42V P1

Middle clamp with pin 33-42
L=50 mm
Incl. Opening-function
for Frame height 33-42 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802301-33-42V P1 B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,053 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



artikel-nr: 21350
product-nr: 802301-43-50V

Middle clamp for fast mounting 43-50
L= 50 mm
Incl. Opening-function
for Frame height 43-50mm
for Mounting profiles with threaded plate channel M8
This clamp can be used together with the trapezoidal short rail (802442) for all frame heights (33-50mm)

drawing number: 802301-43-50V
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,056 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



clamps

artikel-nr: 21349
product-nr: 802301-43-50V P1

Middle clamp with pin 43-50
L=50 mm
Incl. Opening-function
for Frame height 43-50mm
for Mounting profiles with threaded plate channel M8
This clamp can be used together with the trapezoidal short rail (802442) for all frame heights (33-50mm)

drawing number: 802301-43-50V P1 B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,056 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



artikel-nr: 21364
product-nr: 802301C

Middle clamp Click 2.1
L=50 mm
Incl. Opening-function and clamping element
For Frame sizes 33-50 mm and mounting profiles with threaded plate M8 channel

drawing number: 802301C B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,060 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



artikel-nr: 21366
product-nr: 802301C P1

Middle clamp Click 2.1 with pin
L=50 mm
Incl. Opening-function and clamping element
For Frame sizes 33-50 mm and mounting profiles with threaded plate M8 channel

drawing number: 802301C P1 B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,060 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



artikel-nr: 17753
product-nr: 802304-30V

End clamp for fast mounting 30
L=50 mm
Incl. Opening-function
for Frame height 30 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-30V A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,046 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



clamps

artikel-nr: 21352
product-nr: 802304-30V P1

End clamp 30 with pin
L=50 mm
Incl. Opening-function
for Frame height 31mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-30V P1
surface: mill finish

material: EN AW / 6063 T66; A2-70
weight: 0,047 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 16481
product-nr: 802304-31V

End clamp for fast mounting 31
L=50 mm
Incl. Opening-function
for Frame height 31 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-31V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,046 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 21353
product-nr: 802304-31V P1

End clamp 31 with pin
L=50 mm
Incl. Opening-function
for Frame height 31mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-31V P1
surface: mill finish

material: EN AW / 6063 T66 ; A2-70
weight: 0,047 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 20263
product-nr: 802304-32V





End clamp for fast mounting 32
L=50 mm
Incl. Opening-function
for Frame height 32 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-32V
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,047 kg/Stk
packaging: *20 Stk. pro Karton / 7.000 Stk. pro Palette



clamps

<p>artikel-nr: 21548 product-nr: 802304-32V P1</p>	<p>End clamp 32 with Pin L=50 mm Incl. Opening-function for Frame height 32 mm for Mounting profiles with threaded plate channel M8</p>	<p>drawing number: surface:</p>	<p>802304-32V P1 mill finish</p>	<p>material: weight: packaging:</p>	<p>EN AW 6063 / T66; A2-70 0,048 kg/Stk *20 Stk. pro Karton / 7.000 Stk. pro Palette</p>
					
<p>artikel-nr: 18079 product-nr: 802304-33V</p>	<p>End clamp for fast mounting 33 L=50 mm Incl. Opening-function for Frame height 33 mm for Mounting profiles with threaded plate channel M8</p>	<p>drawing number: surface:</p>	<p>802304-33V A mill finish</p>	<p>material: weight: packaging:</p>	<p>EN AW 6063 / T66; A2-70 0,048 kg/Stk 20 Stk. pro Karton / 7.000 Stk. pro Palette</p>
					
<p>artikel-nr: 21354 product-nr: 802304-33V P1</p>	<p>End clamp 33 with pin L= 50 mm Incl. Opening-function for Frame height 33 mm for Mounting profiles with threaded plate channel M8</p>	<p>drawing number: surface:</p>	<p>802304-33V P1 mill finish</p>	<p>material: weight: packaging:</p>	<p>EN AW 6063 T66; A2-70 0,048 kg/Stk 20 Stk. pro Karton / 7.000 Stk. pro Palette</p>
					
<p>artikel-nr: 15786 product-nr: 802304-34V</p>	<p>End clamp for fast mounting 34 L=50 mm Incl. Opening-function for Frame height 34 mm for Mounting profiles with threaded plate channel M8</p>	<p>drawing number: surface:</p>	<p>802304-34V B mill finish</p>	<p>material: weight: packaging:</p>	<p>EN AW 6063 / T66; A2-70 0,048 kg/Stk 20 Stk. pro Karton / 7.000 Stk. pro Palette</p>
					

clamps

artikel-nr: 21355
product-nr: 802304-34V P1

End clamp 34 with pin
L=50 mm
Incl. Opening-function
for Frame height 34 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-34V P1
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,048 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15787
product-nr: 802304-35V

End clamp for fast mounting 35
L=50 mm
Incl. Opening-function
for Frame height 35 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-35V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,048 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 21317
product-nr: 802304-35V P1

End clamp 35 with pin
L=50 mm
incl. Opening-function
for Frame height 35 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-35V P1
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,048 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15789
product-nr: 802304-36V





End clamp for fast mounting 36
L=50 mm
Incl. Opening-function
for Frame height 36 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-36V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,049 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



clamps

artikel-nr: 21357 product-nr: 802304-36V P1	End clamp 36 with pin L=50 mm Incl. Opening-function for Frame height 36 mm for Mounting profiles with threaded plate channel M8	drawing number: surface:	802304-36V P1 mill finish
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,049 kg/Stk 20 Stk. pro Karton / 7.000 Stk. pro Palette
artikel-nr: 15790 product-nr: 802304-38V	End clamp for fast mounting 38 L=50 mm Incl. Opening-function for Frame height 38 mm for Mounting profiles with threaded plate channel M8	drawing number: surface:	802304-38V B mill finish
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,050 kg/Stk 20 Stk. pro Karton / 7.000 Stk. pro Palette
artikel-nr: 21358 product-nr: 802304-38V P1	End clamp 38 with pin L=50 mm incl. Opening-function for Frame height 38 mm for Mounting profiles with threaded plate channel M8	drawing number: surface:	802304-38V P1 mill finish
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,050 kg/Stk 20 Stk. pro Karton / 7.000 Stk. pro Palette
artikel-nr: 15791 product-nr: 802304-40V	End clamp for fast mounting 40 L=50 mm Incl. Opening-function for Frame height 40 mm for Mounting profiles with threaded plate channel M8	drawing number: surface:	802304-40V B mill finish
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,051 kg/Stk 20 Stk. pro Karton / 7.000 Stk. pro Palette

clamps

artikel-nr: 21293
product-nr: 802304-40V P1

End clamp 40 with pin
L=50 mm
Incl. Opening-function
for Frame height 40 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-40V P1
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,050 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15792
product-nr: 802304-42V

End clamp for fast mounting 42
L=50 mm
Incl. Opening-function
for Frame height 42 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-42V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,051 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 21359
product-nr: 802304-42V P1

End clamp 42 with pin
L=50 mm
Incl. Opening-function
for Frame height 42 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-42V P1
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,051 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15793
product-nr: 802304-43V

End clamp for fast mounting 43
L=50 mm
Incl. Opening-function
for Frame height 43 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-43V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,052 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



clamps

artikel-nr: 21360
product-nr: 802304-43V P1

End clamp 43 with pin
L=50 mm
Incl. Opening-function
for Frame height 43 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-43V P1
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,051 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15795
product-nr: 802304-45V

End clamp for fast mounting 45
L=50 mm
Incl. Opening-function
for Frame height 45 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-45V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,052 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 21361
product-nr: 802304-45V P1

End clamp 45 with pin
L=50 mm
Incl. Opening-function
for Frame height 45 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-45V P1
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,052 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15794
product-nr: 802304-46V

End clamp for fast mounting 46
L=50 mm
Incl. Opening-function
for Frame height 46 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-46V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,053 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



clamps

artikel-nr: 21362
product-nr: 802304-46V P1

End clamp 46 with pin
L=50 mm
Incl. Opening-function
for Frame height 46 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-46V P1
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,053 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15797
product-nr: 802304-50V

End clamp for fast mounting 50
L=50 mm
Incl. Opening-function
for Frame height 50 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-50V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,054 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 21363
product-nr: 802304-50V P1

End clamp 50 with pin
L=50 mm
Incl. Opening-function
for Frame height 50 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-50V P1
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,055 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 21365
product-nr: 802305C VP1

End clamp Universal with pin
L=80 mm
incl. grounding-pins and O-ring
suitable for framed PV-modules with a frame height from 33 up to 50 mm

drawing number: 802305C VP1
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,087 kg/Stk
packaging: 20 Stk. pro Karton / 10.500 Stk. pro Palette



clamps

artikel-nr: 18023
product-nr: 802391-30-33V

Middle clamp for fast mounting 30-33 black
L=50mm
surface black anodized
Incl. Opening-function
for Frame height 30-33 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802391-30-33V A
surface: anodized E6/C35; stainless steel A2-70

material: EN AW 6063 / T66; A2-70
weight: 0,048 kg/Stk
packaging: *50 Stk. pro Karton/ 4.950 Stk. pro Palette



artikel-nr: 22102
product-nr: 802391-30-33V P1

Middle clamp with pin 30-33 black
L=50 mm
Incl. Opening-function
for Frame height 30-33 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802391-30-33V P1 A
surface: anodized E6/C35

material: EN AW 6063 / T66; A2-70
weight: 0,048 kg/Stk
packaging: *50 Stk. pro Karton/ 4.950 Stk. pro Palette



artikel-nr: 21341
product-nr: 802391-33-42V

Middle clamp for fast mounting 33-42 black
L=50 mm
Incl. Opening-function
for Frame height 33-42 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802391-33-42V
surface: anodized E6/C35

material: EN AW 6063 / T66; A2-70
weight: 0,053 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



clamps

artikel-nr: 21383
product-nr: 802391-33-42V P1

Middle clamp with pin 33-42 black
L=50 mm
Incl. Opening-function
for Frame height 33-42 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802391-33-42V P1 B
surface: anodized E6/C35

material: EN AW 6063 / T66; A2-70
weight: 0,053 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



artikel-nr: 21378
product-nr: 802391-43-50V

Middle clamp for fast mounting 43-50 black
L=50 mm
Incl. Opening-function
for Frame height 43-50 mm
for Mounting profiles with threaded plate M8

drawing number: 802391-43-50V
surface: anodized E6/C35

material: EN AW 6063 / T66; A2-70
weight: 0,056 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



artikel-nr: 21392
product-nr: 802391-43-50V P1

Middle clamp with pin 43-50 black
L=50 mm
Incl. Opening-function
for Frame height 43-50 mm
for Mounting profiles with threaded plate channels M8

drawing number: 802391-43-50V P1 B
surface: anodized E6/C35

material: EN AW 6063 / T66; A2-70
weight: 0,056 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



artikel-nr: 21395
product-nr: 802391C

Middle clamp Click 2.1 black
L=50 mm
Incl. Opening-function and clamping element
For Frame height 33-50 mm and Mounting profiles with threaded plate channel M8

drawing number: 802391C B
surface: anodized E6/C35

material: EN AW 6063 / T66; A2-70
weight: 0,060 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



clamps

artikel-nr: 21367
product-nr: 802391C P1



Middle clamp Click 2.1 black with pin
L=50 mm
Incl. Opening-function and clamping element
For Frame height 33-50 mm and Mounting profiles with threaded plate channel M8

drawing number: 802391C P1 B
surface: anodized E6/C35
material: EN AW 6063 / T66; A2-70
weight: 0,060 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette

artikel-nr: 21131
product-nr: 802395C P1



End Clamp Universal black
EN AW 6063 / T66; A2-70
surface black anodized
incl. grounding-pin and O-ring
suitable for framed PV-modules with a frame height from 33 up to 50mm

drawing number: 802395C P1
surface: anodized in E6/C35
material: EN AW 6063 / T66; A2-70
weight: 0,081 kg/Stk
packaging: 20 Stk./Karton, 10.500 Stk./Palette

roof hooks

artikel-nr: 16708
product-nr: 800666



Metal plain tile
Zn-Mg coated
to be mounted with Beavertail roof hook (800425)

drawing number: 800666
material: high-strength steel sheet
weight: 0,500 kg/Stk
packaging: 30 Stk. pro Krt. / 240 Stk. pro Pal.

artikel-nr: 17358
product-nr: 802406



Roof hook 40x10 for fast mounting
Plate: 157x80x5; Stem: 40x10

drawing number: 802406 B
material: Stainless Steel 1.4316; EN AW 6063 / T66
weight: 1,647 kg/Stk
packaging: 10 Stk. pro Karton; 240 Stk. pro Palette

roof hooks

artikel-nr: 22320
product-nr: 802412

Roof hook AL12
Plate: 115x100 mm
M8-slot pre-mounted with hammer-head bolt M8x25 (incl. Precote 10-1) and hexagon nut M8 for universal connectivity with mounting-profiles
2x adjustable

drawing number: 802412 A
material: EN AW 6005 / T6; A2-70

weight: 0,643 kg/Stk
packaging: 20 Stk. pro Karton / 320 Stk. pro Palette



artikel-nr: 17558
product-nr: 802413

Roof hook AL13
Plate: 115x100 mm
for Mounting profile 45
3x adjustable

drawing number: 802413 A
material: EN AW 6005 / T6; A2-70

weight: 0,714 kg/Stk
packaging: 20 Stk. pro Karton / 320 Stk. pro Palette



artikel-nr: 21961
product-nr: 802414

Roof hook AL13 X
Plate: 115x100 mm
Pre-assembled to mount profil 37/45 parallel to the rafter
3x adjustable
top connection bracket could be rotated by 90° for standard mounting of profile 37/45 crosswise to the rafter

drawing number: 802414 B
material: EN AW 6005 / T6; A2-70

weight: 1,040 kg/Stk
packaging: *20 Stk. pro Karton / 320 Stk. pro Palette



artikel-nr: 18265
product-nr: 802416



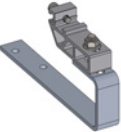

Roof hook ALS13
Plate: 115x100 mm
for higher snow loads and for Mounting profile 45
3x adjustable

drawing number: 802416 A
material: EN AW 7020 / T6; A2-70

weight: 0,714 kg/Stk
packaging: 20 Stk. pro Karton / 320 Stk. pro Palette



roof hooks

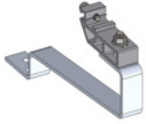
artikel-nr: 20836 product-nr: 802418	Roof hook AL UK SLIM Platte: 115x100mm	drawing number: material: weight: packaging:	802418 EN AW 6005 / T66; A2-70 0,542 kg/Stk
			
artikel-nr: 15560 product-nr: 802422	Roof hook Schiefer Stem: 30x5 for pitched roof with slate roofing or asphalt shingles The roof hook is to integrate on site according to the roofing in the directive covering (without sealing material)	drawing number: material: weight: packaging:	802422 A stainless steel 1.4301 0,391 kg/Stk 1.000 Stk. pro Palette
			
artikel-nr: 21315 product-nr: 802423	Roof hook Schiefer with fast mounting Stem: 30x5 mm pre-mounted with fast mounting adapter, for pitched roof with slate roofing The roof hook is to integrate on site according to the roofing in the directive covering (without sealing material)	drawing number: material: weight: packaging:	802423 A stainless steel 1.4301, EN AW 6063 / T66 0,520 kg/Stk
			
artikel-nr: 15441 product-nr: 802424	Roof hook Biberschwanz Stem: 30x5 To be used with metal tile (800666)	drawing number: material: weight: packaging:	802424 A stainless steel 1.4301 0,520 kg/Stk 1.000 Stk. pro Palette
			

roof hooks

artikel-nr: 21316
product-nr: 802425

Roof hook Biberschwanz with fast-mounting
Stem: 30x5 mm
fast mounting adapter pre-mounted, to be used with metal tile (800666)

drawing number: 802425 A
material: stainless steel, EN AW 6063 / T66
weight: 0,650 kg/Stk
packaging:



artikel-nr: 17082
product-nr: 802605

Distance plate 2 mm
100x75x2 mm
To put under Alumero Roof Hooks
Take care on changing of screw lengths

drawing number: 802605 A
material: 1.4016
weight: 0,071 kg/Stk
packaging: *20 Stk. pro Box / 720 Stk. pro Palette



artikel-nr: 17083
product-nr: 802606

Distance plate 3 mm
100x75x3 mm
To put under Alumero Roof hooks
Take care on changing of screw lengths

drawing number: 802606 A
material: 1.4016
weight: 0,107 kg/Stk
packaging:



artikel-nr: 19224
product-nr: 802607

Distance plate 3 mm
60x35x3 mm
To put under Alumero Roof Hooks with swiveable Ground Plate

drawing number: 802607 A
material: 1.4016
weight: 0,009 kg/Stk
packaging: 100 Stk. pro Karton



roof hooks

artikel-nr: 19227
product-nr: 802608

Distance plate 5 mm
60x35x5 mm
To put under Alumero Roof Hooks with swiveable Ground Plate

drawing number: 802608 A
material: 1.4016
weight: 0,011 kg/Stk
packaging: 100 Stk. pro Karton

**corrugated roof fastener**

artikel-nr: 16906
product-nr: 800462-10

Mountingplate 2.1 M10

drawing number: 800462-10 A
material: EN AW 6063 / T66; A2-70
weight: 0,116 kg/Stk
packaging: 20 Stk. pro Karton / 1.540 Stk. pro Palette



artikel-nr: 16357
product-nr: 800462-12

Mountingplate 2.1 M12

drawing number: 800462-12 A
material: EN AW 6063 / T66; A2-70
weight: 0,116 kg/Stk
packaging: 20 Stk. pro Karton / 1.540 Stk. pro Palette



artikel-nr: 18058
product-nr: 800464

Solar fastener
BZ-8,0x80/70 FZD
for steel substructures with captive sealing washer for corrugated fiber cement slabs
without mounting plate

drawing number: 800464 A
material: stainless steel V2A, EPDM
weight: 9,700 kg/100 Stk.
packaging: *50 Stk. / Karton



corrugated roof fastener

artikel-nr: 18059
product-nr: 800465

Solar fastener
BZ-8,0x100/70 FZD
for steel substructures with captive sealing washer for corrugated fiber cement slabs
without mounting plate

drawing number: 800465 A
material: stainless steel V2A, EPDM

weight: 10,400 kg/100 Stk.
packaging: *50 Stk. / Karton



artikel-nr: 16424
product-nr: 802403

Hanger bolt M10x200 for fast mounting
M10x200
pre-assembled with 3 locking nuts and seal
with mounting plate for fast mounting

drawing number: 802403 A
material: A2-70; EN AW 6063 / T66; EPDM

weight: 22,800 kg/100 Stk.
packaging: 20 Stk. pro Karton; 1.000 Stk. pro Palette

Note: Minimum thread 60 mm!



artikel-nr: 16425
product-nr: 802404

Hanger bolt M12x300 for fast mounting
M12x300
pre-assembled with 3 locking nuts and seal
with mounting plate for fast mounting

drawing number: 802404 A
material: A2-70; EN AW 6063 / T66; EPDM

weight: 35,400 kg/100 Stk.
packaging: 20 Stk. pro Karton; 1.000 Stk. pro Palette

Note: Minimum thread 80 mm!



artikel-nr: 16599
product-nr: 802405

Hanger bolt M12x200 for fast mounting
M12x200
pre-assembled with 3 locking nuts and seal
with mounting plate for fast mounting

drawing number: 802405 A
material: A2-70; EN AW 6063 / T66; EPDM

weight: 28,300 kg/100 Stk.
packaging: 20 Stk. pro Karton; 1.000 Stk. pro Palette

Note: Minimum thread 80 mm!



corrugated roof fastener

artikel-nr: 18008
product-nr: 802408

Hanger bolt M10x250 for fast mounting
M10x250
pre-assembled with 3 locking nuts and seal
with mounting plate for fast mounting

Note: Minimum thread 60 mm!



drawing number: 802408 A
material: A2-70; EN AW 6063 / T66; EPDM

weight: 26,800 kg/100 Stk.
packaging: *20 Stk. pro Karton; 1.000 Stk. pro Palette

artikel-nr: 18009
product-nr: 802409

Hanger bolt M10x300 for fast mounting
M10x300
pre-assembled with 3 locking nuts and seal
with mounting plate for fast mounting

Note: Minimum thread 60 mm!



drawing number: 802409 A
material: A2-70; EN AW 6063 / T66; EPDM

weight: 30,800 kg/100 Stk.
packaging: *20 Stk. pro Karton; 1.000 Stk. pro Palette

artikel-nr: 18010
product-nr: 802410

Hanger bolt M12x250 for fast mounting
M12x250
pre-assembled with 3 locking nuts and seal
with mounting plate for fast mounting

Note: Minimum thread 80 mm!



drawing number: 802410 A
material: A2-70; EN AW 6063 / T66; EPDM

weight: 35,000 kg/100 Stk.
packaging: *20 Stk. pro Karton; 1.000 Stk. pro Palette

artikel-nr: 17478
product-nr: 802499

Hanger bolt / Solar fastener
Further dimensions, models and caps on request

drawing number: 802499
material: A2-70; EN AW 6063 / T66; EPDM
weight: kg/100 Stk.
packaging:

metal sheet fastener

artikel-nr: 19163
product-nr: 800435

Kalzip clamp

drawing number: 800435 B
material: stainless steel 1.4016
weight: 0,152 kg/Stk
packaging: *50 Stk. im Karton



artikel-nr: 19164
product-nr: 800436

Standing metal seam clamp
Sheet metal folding clamp

drawing number: 800436 C
material: stainless steel 1.4016
weight: 0,347 kg/Stk
packaging: 50 Stk. pro Karton



artikel-nr: 17563
product-nr: 800466

Clamp for Zambelli 465 / Domico GBS
Typ 1

drawing number: 800466
material: Stainless steel 1.4301
weight: 0,348 kg/Stk
packaging: *50 Stk. im Karton



artikel-nr: 18062
product-nr: 800467

Clamp Zambelli 500
Typ 2

drawing number: 800467
material: Stainless steel 1.4301
weight: 0,188 kg/Stk
packaging: *50 Stk. im Karton



metal sheet fastener

artikel-nr: 18099
product-nr: 800468

Hanger bolt set incl. twin mounting plate
2 x M12x300
pre-assembled with 3 locking nuts and seal
with mounting plate for fiber cement - shaft distance 177 mm
Note: Minimum thread 80 mm!

drawing number: 800468
material: A2-70; EN AW 6063 / T66; EPDM

weight: 0,800 kg/Stk
packaging: *10 Stk. pro Karton / 640 Stk. pro Palette

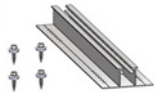


artikel-nr: 17101
product-nr: 802440

Trapezoidal bridge 2.1
L=400 mm
Incl. EPDM rubber and incl. 4 pcs. self drillings screws with sealing washer
For sick distances from 100 - 333 mm

drawing number: 802440 B
material: EN AW 6063 / T66; A2-70; EPDM

weight: 0,269 kg/Stk
packaging: 25 Stk. pro Karton / 800 Stk. pro Palette

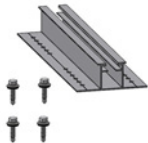


artikel-nr: 21247
product-nr: 802441

Trapezoidal bridge 2.1 S
L: 250 mm
Incl. EPDM rubber and incl. 4 pcs. self drillings screws with sealing washer
For sick distances from 100 - 207 mm

drawing number: 802441 B
material: EN AW 6063 / T66; A2-70; EPDM

weight: 0,180 kg/Stk
packaging: 25 Stk. pro Karton / 800 Stk. pro Palette



artikel-nr: 21278
product-nr: 802442

Trapezoidal short rail 2.1 T
L = 100mm
Incl. premounted EPDM rubber and incl. 2 pcs. roof mountig screws EJOT JF3-FR-2-5,5x25-E11 (800658).
It is possible to use the middle clamp 802301-43-50V P1 for all module frame heights (33-50mm) at this short rail.

drawing number: 802442 B
material: EN AW 6063 / T66; A2-70; EPDM

weight: 0,050 kg/Stk
packaging: 50 Stk. pro Karton

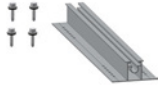


metal sheet fastener

artikel-nr: 17102
product-nr: 802445

Trapezoidal sheet bridge Plus
L=400 mm
Incl. EPDM rubber and incl. 4 pcs. self drillings screws with sealing washer
For sick distances from 100 - 333 mm

drawing number: 802445 D
material: EN AW 6063 / T66; A2-70; EPDM
weight: 0,359 kg/Stk
packaging: 25 Stk. pro Karton / 800 Stk. pro Palette



artikel-nr: 17103
product-nr: 802446

Front part Plus
L=100 mm
for mounting in combination with 800445

drawing number: 802446 A
material: EN AW 6063 / T66
weight: 0,082 kg/Stk
packaging: 10 Stk. pro Karton / 990 Stk. pro Palette



artikel-nr: 17104
product-nr: 802447

Back part Plus
L=100 mm
for mounting in combination with 800445

drawing number: 802447 A
material: EN AW 6063 / T66
weight: 0,152 kg/Stk
packaging: 10 Stk. pro Karton / 480 Stk. pro Palette



artikel-nr: 17105
product-nr: 802448

Securing Set Plus
for trapezoidal elevation system Plus
Consisting of a threaded plate, hex bolt and washer

drawing number: 802448 A
material: A2-70
weight: 0,025 kg/Stk
packaging:



metal sheet fastener

artikel-nr: 17919
product-nr: 802449

Trapezoidal bridge Plus S

L=400 mm
Incl. EPDM rubber
For sick distances from 100 - 333 mm
4 pcs. Screws need to be ordered separately depending on the thickness of the sandwich element.

drawing number: 802449 A
material: EN AW 6063 / T66; EPDM

weight: 0,359 kg/Stk
packaging: *25 Stk. pro Karton / 800 Stk. pro Palette

**standard parts/accessories**

artikel-nr: 15726
product-nr: 800610

Socket screw

M8x20
With hexagon socket and serration under head
SW6

drawing number: 800610 DIN912
material: A2-70

weight: 1,310 kg/100 Stk.
packaging: 100 Stk.



artikel-nr: 15729
product-nr: 800613

Socket screw

M8x35
With hexagon socket and serration under head
SW6

drawing number: 800613 DIN 912
material: A2-70

weight: 1,800 kg/100 Stk.
packaging: 100 Stk.



artikel-nr: 16908
product-nr: 800627

Hexagon screw

M10x45
Threaded up to the head
SW17

drawing number: 800627 DIN 933
material: A2-70

weight: 2,000 kg/100 Stk.
packaging: 100 Stk.



standard parts/accessories

artikel-nr: 15052
product-nr: 800634

Hexagon nut
M10
with flange and serration

drawing number: 800634 DIN 6923
material: A2-70
weight: 1,120 kg/100 Stk.
packaging: 100 Stk.



artikel-nr: 14927
product-nr: 800637

Threaded plate type 28x15
M8

drawing number: 800637
surface: with Precote 10-1 coating
material: Stainless steel V2A
weight: 0,700 kg/100 Stk.
packaging: 100 Stk.



artikel-nr: 15453
product-nr: 800646

Hammerhead screw
M10x25

drawing number: 800646
material: A2-70
weight: 1,990 kg/100 Stk.
packaging: 100 Stk.



artikel-nr: 17086
product-nr: 800649

Self-drilling screw
6,0x25
B2-2-6,0x25
Bi-Metal, incl. sealing washer: D=16; self-tapping for steel sheet, SW8

drawing number: 800649
material: A2-70 with hardened drill bit, SW8
weight: 0,870 kg/100 Stk.
packaging: 100 Stk.



standard parts/accessories

artikel-nr: 20838
product-nr: 800649-1

Self-drilling screw/ thin-metal-sheet screw
5,5x25 with sealing washer E16
JF3-2-5, 5x25 E16
incl. seal disc

drawing number: 800649-1
material: A2-70 with hardened drill bit, SW8
weight: 0,870 kg/100 Stk.
packaging: 100 Stk.



artikel-nr: 21737
product-nr: 800658

Self-drilling screw/ thin-metal-sheet screw
5,5x25 with sealing washer E11
JF3-FR-2-5, 5x25 E11, incl. seal disc, for TBK 2.1 T (Product No. 802442)

drawing number: 800658
material: A2-70 with hardened drill bit, T25
weight: 0,870 kg/100 Stk.
packaging: 100 Stk.



artikel-nr: 16531
product-nr: 800664

Flat head screw
8,0x120
TX40

drawing number: 800664
surface: glide coating
material: A2-70
weight: 2,600 kg/100 Stk.
packaging: 100 Stk.



artikel-nr: 16598
product-nr: 800665

Flat head screw
8,0x100
TX40

drawing number: 800665
surface: glide coating
material: A2-70
weight: 2,500 kg/100 Stk.
packaging: 100 Stk.



standard parts/accessories

artikel-nr: 16895
product-nr: 800667

Flat head screw
8,0x140
TX40

drawing number: 800667
surface: glide coating
material: A2-70
weight: 2,800 kg/100 Stk.
packaging: 100 Stk.



artikel-nr: 16896
product-nr: 800668

Flat head screw
8,0x160
TX40

drawing number: 800668
surface: glide coating
material: A2-70
weight: 2,900 kg/100 Stk.
packaging: 100 Stk.



artikel-nr: 16897
product-nr: 800669

Flat head screw
8,0x200
TX40

drawing number: 800669
surface: glide coating
material: A2-70
weight: 3,200 kg/100 Stk.
packaging: 100 Stk.







artikel-nr: 16900
product-nr: 800670

Flat head screw
8,0x180
TX40

drawing number: 800670
surface: glide coating
material: A2-70
weight: 3,000 kg/100 Stk.
packaging: 100 Stk.



standard parts/accessories

artikel-nr: 15820 product-nr: 800706	Cable tie inkl. clip 200x4,8 mm To clip on trapezoidal bridge Cable ties 200 x 4.6 mm; Place of Origin: Germany	drawing number: material:	800706 PA 66, UV resistant
		weight: packaging:	0,300 kg/100 Stk. 100 Stk. pro Beutel / 4.000 Stk. pro Karton
artikel-nr: 16596 product-nr: 802601	Shutter for Mounting profile 37/45 For mounting profile 45 (802100) For mounting profile 37 (802105)	drawing number: material:	802601 MT0030246#1 PVC black
		weight: packaging:	0,007 kg/Stk 2.500 Stk. pro Karton
artikel-nr: 16709 product-nr: 802602	Round wire 8 mm For Grounding	drawing number: material:	802602 A EN AW 6101 semi-hard
		weight: packaging:	0,136 kg/mtr *In Coils a 20 kg (ca. 145 mtr)
artikel-nr: 16710 product-nr: 802603	Wire clamp 8-10 To fix round wire with 8-10 mm on Mounting profiles with Mounting channel for hammer head screws M8	drawing number: material:	802603 A VA; A2-70
		weight: packaging:	0,072 kg/Stk 30 Stk. pro Karton / 8.820 Stk. pro Palette

standard parts/accessories

artikel-nr: 16766
product-nr: 802604

Cable tie inkl. clip
200x4,8 mm
Clips for Mounting channel M8 and M10
cable tie 200 x 4,8

drawing number: 802604 A
material: PA 66 UV resistant
weight: 0,200 kg/100 Stk.
packaging: 100 Stk. pro Beutel / 2.500 Stk. pro Karton

**special parts**

artikel-nr: 19161
product-nr: 800301P

Earthing plate for Middle clamp
stainless steel 1.4301
to implement the Modules in the grounding
For Middle clamps with L= 50 mm and W= 20 mm

drawing number: 800301P B
material: Edelstahl 1.4301
weight: 0,300 kg/100 Stk.
packaging: 100 Stk. pro PE Beutel; 4.200 Stk. pro Karton



artikel-nr: 20862
product-nr:

Sample case AS2.1
Exclusive sample-case for presentation or training purposes

drawing number:
material: Contains all articles of the AS2.1 mounting system
weight: 10,000 kg/Stk
packaging:



NOTES

Area for notes with horizontal dotted lines.



AEROCOMPACT 2.1 S & AEROCOMPACT 2.1 +

AERODYNAMIC FLAT ROOF MOUNTING SYSTEM

After two very successful years, in which more than 300 MW AEROCOMPACT-Systems were built, now version 2.1 is here.

Beside the usual simplicity and reliability, the new 2.0 version has more distance to the roofing which makes it easier to compensate roof unevenness and to simplify the wire management. It comes with a new ballast tray that can be used for all system types. With this version more ballast can be installed for high wind loads and the point loads are evenly distributed in the case of soft roof insulation.

Another benefit is the new inter-row spacing which is calculated with a 18- or 25- degree sun angle for the optimal roof layout per location. Pre-assembled mounting clips provide additional hold to the attached fleece protection pads with aluminum coating.

YOUR BIG ADVANTAGE

- + quick and easy installation
1 kWp in 5 min. with 2 men
- + more distance to the roofing
- + new ballast tray for all systems
- + module clamps with integrated grounding
- + pre-assembled mounting clips for fleece protection pads
- + less single components
- + corrosion-resistant
- + optimal water drain
- + wind tunnel tested and statically verified
- + examined acc. to „Fire-Test“ UL1703 and load test acc. to IEC 61215 (TÜV-Rheinland)

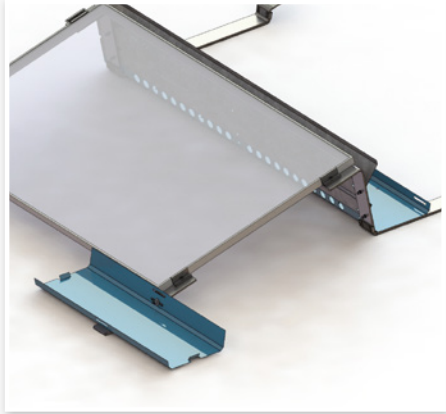


AEROCOMPACT 2.1 S



AEROCOMPACT 2.1 +

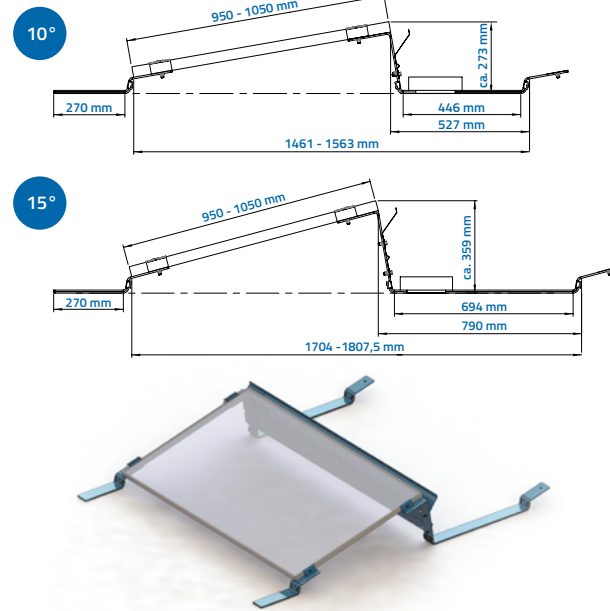




BALLAST TRAY

for all systems

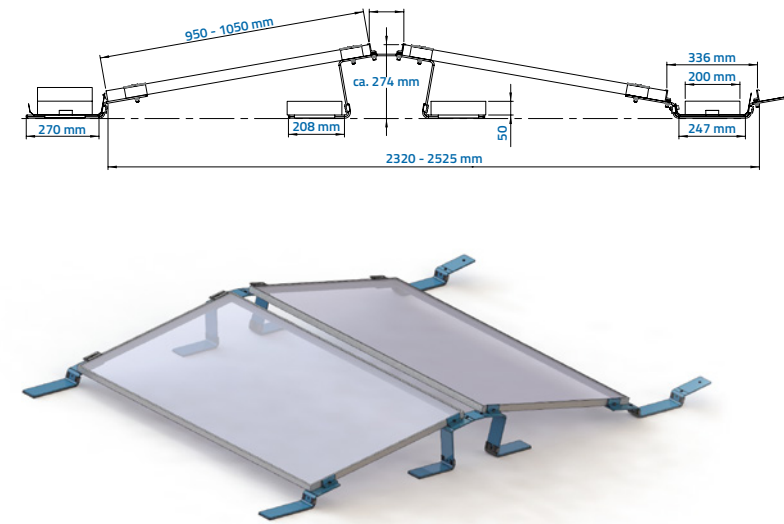
AEROCOMPACT 2.1 S



AEROCOMPACT 2.0 S with shorter row spacing for 25° sun angle available!

AEROCOMPACT 2.1 +

AEROCOMPACT 2.1



TECHNICAL SPECIFICATIONS

Min. load bearing reserve of the roof structure(*):

10 kg/m²

15 kg/m²

Min. system size:

2 rows at 3 moduls / 3 rows at 2 moduls

rows at 2 double-moduls

GENERAL SPECIFICATIONS

Material of flat roof structure:

Aluminium EN AW 6060 and wind-deflector galvanized steel; small parts: A2-70

Standard configuration:

Pressure load up to 2,4 kN/m² (); suction load up to 2,4 kN/m² (***)**

Alpin configuration:

Pressure load up to 4,4 kN/m² (); suction load up to 2,4 kN/m² (***)**

For the following module dimensions:

950 – 1050 mm × 1559 – 1982 mm

Edge distance:

Roof area F and G can be used optionally (minimum edge distance: 600 mm)

Roof conditions:

We require the use of a roof insulation with a high load capacity of the type DAA-ds according to DIN 4108-10. Ensure at site that the roof substructure and other affected roof layers have adequate load bearing capacity.

Max. inclination of flat roof:

Up to 4° or up to 5° depending on roofing or with additional security measures

Max. building height:

25 m

Module fixation:

By clamps at the short side of the modules

Transport volumes:

Approx. 40 KW/range; 700 KW/truck

Accessory:

Earthing clamp for potential equalization, ballast tray, ridge connection for slope over 3°, earthquake protection

(*) The actual required load bearing reserve will be calculated project-related and is depending on the local wind and snow load assumptions (**) Design-value as a load combination from dead load, wind pressure and snow (***) Design-value as a load combination from dead load and wind pressure

standard parts/accessories

artikel-nr: 15728
product-nr: 800612

Socket screw
M8x30
With hexagon socket and serration under head
SW6; Place of Origin: Germany

drawing number: 800612 DIN 912
material: A2-70
weight: 1,600 kg/100 Stk.
packaging: 100 Stk. pro Karton



artikel-nr: 17088
product-nr: 800656

Hexagon Nut
M8
SW6; Place of Origin: Germany

drawing number: 800656
material: A2-70
weight: 1,100 kg/100 Stk.
packaging: 50 Stk. pro Karton



artikel-nr: 15820
product-nr: 800706

Cable tie inkl. clip
200x4,8 mm
To clip on trapezoidal bridge
Cable ties 200 x 4.6 mm; Place of Origin: Germany

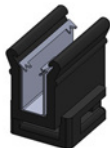
drawing number: 800706
material: PA 66, UV resistant
weight: 0,300 kg/100 Stk.
packaging: 100 Stk. pro Beutel / 4.000 Stk. pro Karton



artikel-nr: 20915
product-nr: 800707

Clip KC1
To fix the aerosheets at Aerocompact S
For material thickness from 0,7-3 mm; Place of Origin: Germany

drawing number: 800707 B
material: PA 66, UV resistant
weight: 0,200 kg/100 Stk.
packaging: 100 Stk. pro Beutel / 10.000 Stk. Pro Karton



standard parts/accessories

artikel-nr: 19155
product-nr: 823001



Blind Nut
M8
Place of Origin: Germany

drawing number: 823001
material: Steel galvanized
weight: 0,600 kg/100 Stk.
packaging: 100 Stk. pro Karton

artikel-nr: 19073
product-nr: 823002



Flat washer M8
ID 8,4 (M8); AD 30
Place of Origin: Germany

drawing number: 823002 - 9054
material: Stainless steel A2-70
weight: 0,600 kg/100 Stk.
packaging: 100 Stk. pro Karton

artikel-nr: 19474
product-nr: 823007



Flathead screw
M8x20
Place of Origin: Germany

drawing number: 823007 DIN 603
material: A2-70
weight: 1,500 kg/100 Stk.
packaging: 100 Stk. pro Karton

aerocompact

artikel-nr: 21248
product-nr: 820305C P2



End Clamp Universal with pins
L=80 mm
incl. grounding-pins and O-ring
suitable for framed PV-modules with a frame height from 33 up to 50mm; Place of Origin: Poland

drawing number: 820305C P2 A
surface: mill finish
material: EN AW 6063 T66; A2-70
weight: 0,087 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.

artikel-nr: 22047
product-nr: 820302-30-50V P2

Middle clamp AC with pins and screw M8x50
L=80 mm
incl. grounding-pins, suitable for framed PV-modules with a frame height from 30 up to 50mm; Place of Origin: Poland

drawing number: 820302-30-50V P2 B
surface: mill finish
material: EN AW 6063 / T66
weight: 0,087 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20433
product-nr: 820305-30V P2

End clamp 30 AC with pins
EN AW 6063 / T66
With pins for frame height 30 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-30V P2 A
surface: mill finish

material: L=80 mm
weight: 0,054 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20434
product-nr: 820305-31V P2

End clamp 31 AC with pins
L=80 mm
With pins for frame height 31 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-31V P2 A
surface: mill finish

material: EN AW 6063 / T66
weight: 0,055 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 21575
product-nr: 820305-32V P2

End clamp 32 AC with pins

L=80 mm
With pins for frame height 32 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-32V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,060 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20435
product-nr: 820305-33V P2

End clamp 33 AC with pins

L=80 mm
With pins for frame height 33 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-33V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,056 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20436
product-nr: 820305-34V P2

End clamp 34 AC with pins

L=80 mm
with pins for frame height 34 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-34V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,056 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20437
product-nr: 820305-35V P2

Endclamp 35 AC with pins
L=80 mm
with pins for Frame height 35 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-35V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,057 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20438
product-nr: 820305-36V P2

End clamp 36 AC with pins
L=80 mm
with pins for Frame height 36 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-36V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,058 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20439
product-nr: 820305-38V P2

End clamp 38 AC with pins
L=80 mm
with pins for Frame height 38 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-38V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,059 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20440
product-nr: 820305-40V P2

End clamp 40 AC with pins

L=80 mm
with pins for Frame height 40 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring, Place of Origin: Poland

drawing number: 820305-40V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,061 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20441
product-nr: 820305-42V P2

End clamp 42 AC with pins

L=80 mm
with pins for Frame height 42 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-42V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,062 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20442
product-nr: 820305-43V P2

End clamp 43 AC with pins

L=80 mm
with pins for Frame height 43 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-43V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,062 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20443
product-nr: 820305-45V P2

End clamp 45 AC with pins
L=80 mm
with pins for Frame height 45 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-45V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,064 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20444
product-nr: 820305-46V P2

End clamp 46 AC with pins
L=80 mm
with pins for Frame height 46 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-46V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,064 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.







artikel-nr: 20445
product-nr: 820305-50V P2

End clamp 50 AC with pins
L=80 mm
with pins for Frame height 50 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-50V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,064 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 19509 product-nr: 823005	Penetration point connector 120 x 200 x 50 mm To connect a roof fixing point with the Aerocompact System; Place of Origin: Poland	drawing number: surface: material: weight: packaging:	823005 A mill finish EN AW 6060 / T64 0,220 kg/Stk 10 stk. pro Karton
			
artikel-nr: 19510 product-nr: 823006	Penetration point connector 120 x 80 x 50 mm To connect a roof fixing point with the Aerocompact System; Place of Origin: Poland	drawing number: surface: material: weight: packaging:	823006 A mill finish EN AW 6060 / T64 0,150 kg/Stk 10 stk. pro Karton
			
artikel-nr: 22330 product-nr: 820511V-5	Aerocompact 2.1 S5 Frontbracket Tilt 5 degree, Incl. 1 rivet-nut SK8, including pre assembled PES building protection pad	drawing number: surface: material: weight: packaging:	820511V-5 mill finish EN AW 6060 / T64 0,820 kg/Stk 10 Stk. pro Karton / 320 Stk. pro Pal.
			
artikel-nr: 22331 product-nr: 820521V-5	Aerocompact 2.1 S5 Endbracket Tilt 5 degree, Incl. 2 rivet-nut SK8, including pre assembled PES building protection pad	drawing number: surface: material: weight: packaging:	820521V-5 mill finish EN AW 6060 / T64 0,940 kg/Stk 10 Stk. pro Karton / 320 Stk. pro Palette
			

artikel-nr: 22332
product-nr: 820531V-5

Aerocompact 2.1 S5 Connector
Tilt 5 degree, Incl. 3 rivet-nut SK8,
including pre assembled PES building protection pad

drawing number: 820531V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 1.250 kg/Stk
packaging: 240 Stk. pro Palette

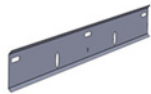


artikel-nr: 19175
product-nr: 820541

Windsheet 2.0 S5, 1775
Length 1775 mm, Thickness: 0.6 mm
For module lengths from 1.559 mm to 1.690 mm.
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.

drawing number: 820541 B
surface: mill finish

material: DX51D galvanized
weight: 0.740 kg/Stk
packaging: 840 Stk. pro Palette (lt Zeichnung v 21.08.2017)

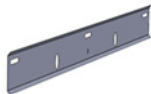


artikel-nr: 21500
product-nr: 820542

Windsheet 2.1 S5, 2130
Length 2130 mm, Thickness: 0.6 mm
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.;
Place of Origin: Poland

drawing number: 820542 B
surface: mill finish

material: DX51D galvanized - Z185
weight: 0.860 kg/Stk
packaging: 840 Stk. pro Palette (lt Zeichnung v. 22.08.2017)



artikel-nr: 21323
product-nr: 820551V

Aerocompact 2.1 S5 Back Support-Bracket incl. protection pad
For higher snow-load between 2,4 kN and 4,4 kN, incl. pre assembled PES building protection pad ; Place of Origin: Poland

drawing number: 820551V A
surface: hot-dip galvanized

material: S235 JR
weight: 0,560 kg/Stk
packaging: 10 Stk. pro Karton / 320 Stk. pro Pal.



artikel-nr: 22333
product-nr: 820561V-5

Aerocompact 2.1 S10/+ Frontbracket
Tilt 10 degree, Incl. 1 river-nut SK8,
including pre assembled PES building protection pad

drawing number: 820561V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 0,500 kg/Stk
packaging: 10 Stk. pro Karton / 320 Stk. pro Pal.



artikel-nr: 19195
product-nr: 820641

Ballast-Tray 2.0, 1775
Length 1775 mm, Thickness: 0,6 mm
For module lengths from 1.559 mm to 1.690 mm.
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.
Place of Origin: Poland

drawing number: 820641 A
surface: mill finish

material: DX51D galvanized
weight: 3,000 kg/Stk
packaging: 160 Stk. pro Pal. (lt Zeichnung v. 22.08.2017)



artikel-nr: 21503
product-nr: 820642

Ballast Tray 2.1, 2130
Length 2130 mm, Thickness: 0.6 mm
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.;
Place of Origin: Poland

drawing number: 820642 B
surface: mill finish

material: DX51D galvanized - AZ185
weight: 3,500 kg/Stk
packaging: 160 Stk. pro Palette (lt Zeichnung v. 22.08.2017)

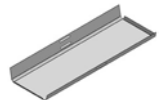


artikel-nr: 19974
product-nr: 820643

Ballast-Tray 2.0, 855
Length 855 mm, Thickness: 0,6 mm
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty;
Place of Origin: Poland

drawing number: 820643 B
surface: mill finish

material: DX51D galvanized - AZ185
weight: 1,540 kg/Stk
packaging: 240 Stk. pro Pal.



artikel-nr: 21576
product-nr: 820645

Ballast Tray , 2130

Length 2130 mm, Thickness: 0.6 mm
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.;
Place of Origin: Poland

drawing number:
surface:

820645 B
mill finish

material:
weight:
packaging:

DX51D galvanized - AZ185
3,500 kg/Stk



artikel-nr: 22349
product-nr: 820921V-5

Aerocompact 2.1 + Middle Bracket

Tilt 10 degree, Incl. 4 rivet-nut SK8,
including pre assembled PES building protection pad

drawing number:
surface:

820921V-5
mill finish

material:
weight:
packaging:

EN AW 6060 / T64
1,850 kg/Stk
90 Stk. pro Pal.



artikel-nr: 22350
product-nr: 820931V-5

Aerocompact 2.1 + Connector

Tilt 10 degree, Incl. 4 rivet-nut SK8,
including pre assembled PES building protection pad

drawing number:
surface:

820931V-5
mill finish

material:
weight:
packaging:

EN AW 6060 / T64
1,130 kg/Stk
340 Stk. pro Pal.



artikel-nr: 22370
product-nr: 820933V-5

Aerocompact 2.1 + Connector short

Tilt 10 degree, Incl. 4 rivet-nut SK8,
including pre assembled PES building protection pad

drawing number:
surface:

820933V-5
mill finish

material:
weight:
packaging:

EN AW 6060 / T64
0,750 kg/Stk
540 Stk pro Palette



artikel-nr: 22334
product-nr: 821011V-5

Aerocompact 2.1 S10/+ Frontbracket
Tilt 10 degree, Incl. 1 river-nut SK8,
including pre assembled PES building protection pad

drawing number: 821011V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 0,820 kg/Stk
packaging: 10 Stk. pro Karton / 320 Stk pro Pal.



artikel-nr: 22335
product-nr: 821021V-5

Aerocompact 2.1 S10 Endbracket
Tilt 10 degree, Incl. 2 rivet-nut SK8,
including pre assembled PES building protection pad

drawing number: 821021V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 1,050 kg/Stk
packaging: 10 Stk. pro Karton / 320 Stk. pro Pal.



artikel-nr: 22336
product-nr: 821031V-5

Aerocompact 2.1 S10 Connector/25
Tilt 10 degree, Shadow-Angle 25 degree, Incl. 3 rivet-nut SK8,
including pre assembled PES building protection pad

drawing number: 821031V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 1,700 kg/Stk
packaging: 140 Stk. pro Palette



artikel-nr: 22337
product-nr: 821032V-5

Aerocompact 2.1 S10 Connector/25
Tilt 10 degree, Shadow-Angle 25 degree, Incl. 3 rivet-nut SK8,
including pre assembled PES building protection pad

drawing number: 821032V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 1,420 kg/Stk
packaging: 140 Stk pro Palette



artikel-nr: 19183
product-nr: 821041

Windsheet 2.0 S10, 1775

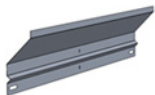
Length 1775 mm, Thickness: 0.6 mm
For module lengths from 1.559 mm to 1.690 mm.
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.
Place of Origin: Poland

drawing number:
surface:

821041 A
mill finish

material:
weight:
packaging:

DX51D galvanized
1,740 kg/Stk
600 Stk. pro Palette (lt Zeichnung v. 22.08.2017)



artikel-nr: 21501
product-nr: 821042

Windsheet 2.1 S10, 2130

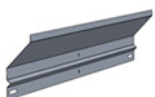
Length 2130 mm, Thickness: 0.6 mm
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.;
Place of Origin: Poland

drawing number:
surface:

821042 B
mill finish

material:
weight:
packaging:

DX51D galvanized - Z185
2,030 kg/Stk
600 Stk pro Palette (lt Zeichnung v. 22.08.2017)



artikel-nr: 21330
product-nr: 821051V

Aerocompact 2.1 S10/+ Back Support-Bracket incl. PES fleece

For higher snow-load between 2,4 kN and 4,4 kN,incl. pre assembled PES building protection pad; Place of Origin: Poland

drawing number:
surface:

821051V A
hot-dip galvanized

material:
weight:
packaging:

S235 JR
0,730 kg/Stk
10 Stk pro Karton / 320 Stk. pro Pal.



artikel-nr: 22338
product-nr: 821061V-5

Aerocompact 2.1 S10/+ Front Support-Bracket

for higher snow-load between 2,4 kN and 4,4 kN,
including pre assembled PES building protection pad

drawing number:
surface:

821061V-5
mill fi

material:
weight:
packaging:

EN AW 6060 / T64
0,450 kg/Stk
10 Stk. pro Karton / 320 Stk. pro Pal.



artikel-nr: 22339
product-nr: 821511V-5

Aerocompact 2.1 S15 Frontbracket
Tilt 15 degree, Incl. 1 rivet-nut SK8,
including pre assembled PES building protection pad

drawing number: 821511V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 0,820 kg/Stk
packaging: 10 Stk. pro Karton / 320 Stk. pro Pal.



artikel-nr: 22340
product-nr: 821521V-5

Aerocompact 2.1 S15 Endbracket
Tilt 15 degree, Incl. 3 rivet-nut SK8,
including pre assembled PES building protection pad

drawing number: 821521V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 1,160 kg/Stk
packaging: 10 Stk. pro Karton / 360 Stk. pro Pal.



artikel-nr: 22341
product-nr: 821531V-5

Aerocompact 2.1 S15 Connector/18
Tilt 15 degree, Shadow-Angle 18 degree, Incl. 4 rivet-nut SK8,
including pre assembled PES building protection pad

drawing number: 821531V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 2,270 kg/Stk
packaging: 100 Stk. pro Pal.



artikel-nr: 22347
product-nr: 821532V-5

Aerocompact 2.1 S15 Connector/25
Tilt 15 degree, Shadow-Angle 25 degree, Incl. 4 rivet-nut SK8,
including pre assembled PES building protection pad

drawing number: 821532V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 1,860 kg/Stk
packaging: 120 Stk. pro EP



artikel-nr: 19191
product-nr: 821541

Windsheet 2.0 S15, 1775
Length 1775 mm, Thickness: 0.6 mm
For module lengths from 1.559 mm to 1.690 mm.
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.

drawing number: 821541 A
surface: mill finish
material: DX51D galvanized - Z185
weight: 2,470 kg/Stk
packaging: 380 Stk. pro Palette (lt Zeichnung v. 22.08.2017)



artikel-nr: 21502
product-nr: 821542

Windsheet 2.1 S15, 2130
Length 2130 mm, Thickness: 0.6 mm
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.;
Place of Origin: Poland

drawing number: 821542 B
surface: mill finish
material: DX51D galvanized - Z185
weight: 2,930 kg/Stk
packaging: 380 Stk. pro Palette (lt Zeichnung v. 22.08.2017)



artikel-nr: 21336
product-nr: 821551V

Aerocompact 2.1 S15/+ Back Support-Bracket incl. PES fleece
For higher snow-load between 2,4 kN and 4,4 kN, incl. pre assembled PES building protection pad; Place of Origin: Poland

drawing number: 821551V A
surface: hot-dip galvanized
material: S235 JR
weight: 0,900 kg/Stk
packaging: 10 Stk. pro Karton / 320 Stk. pro Pal.



artikel-nr: 22348
product-nr: 821561V-5

Aerocompact 2.1 S15 Front Support Bracket
for higher snow-load between 2,4 kN and 4,4 kN,
including pre assembled PES building protection pad

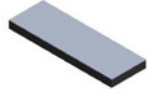
drawing number: 821561V-5
surface: mill finish
material: EN AW 6060 / T64
weight: 0,380 kg/Stk
packaging: 10 Stk. pro Karton - 320 Stk. pro Pal.



artikel-nr: 21346
product-nr: 823037V

Protection pad PES 200x80x10mm
Place of origin: Germany

drawing number: 823037V A
surface: 1700 g/m2, schwarz
material:
weight: 0,030 kg/Stk
packaging: 300 Stk./ Karton



artikel-nr: 21407
product-nr: 823043

Spacer bracket S5, 30
Place of Origin: Poland

drawing number: 823043 A
surface: mill finish
material: Aluminium
weight:
packaging:



NOTES

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THE FASTEST
GROUND MOUNT
INSTALLATION!

AEROCOMPACT G & AEROCOMPACT G+

THE NEW WAY OF GROUND MOUNT

AEROCOMPACT G is our brand new south oriented ground mount system. Designed with a 15° or 20° module tilt.
AEROCOMPACT G+ is the new east/west oriented ground mount system with up to 30% more modules on the same ground space. Designed with a 10° module tilt and elevated 40 cm off the ground from the lowest module point

With the fastest installation time in the industry and the ability to ship 1 MW per truckload, the innovative ground mount system provides both material and labor cost savings. The system can be installed with ground screws or ballast blocks.

YOUR BIG ADVANTGAGE

- + wind tunnel tested
- + TUV certified, conforms to UL 2703
- + patent pending
- + 1 MW per truck or 40 ft container
- + very low transport costs
- + complimentary ballast calculation incl. roof layout
- + module clamps with grounding pins
- + the fastest groundmount installation in the industry



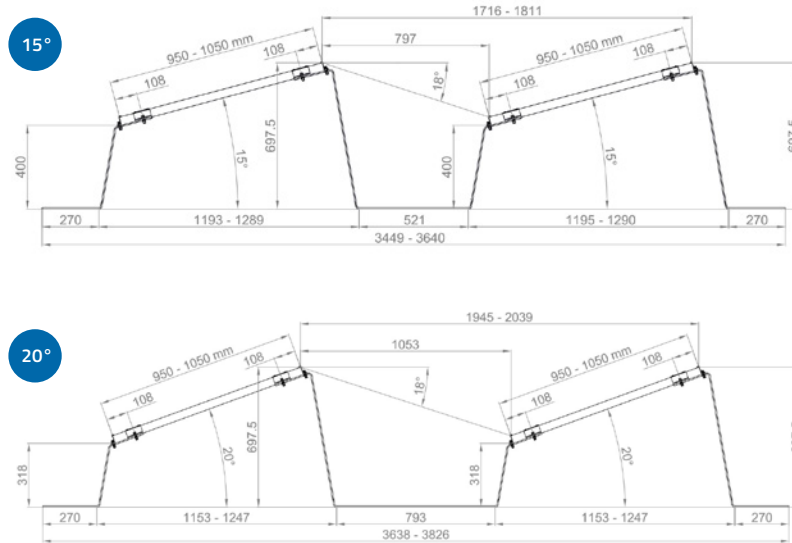
AEROCOMPACT G



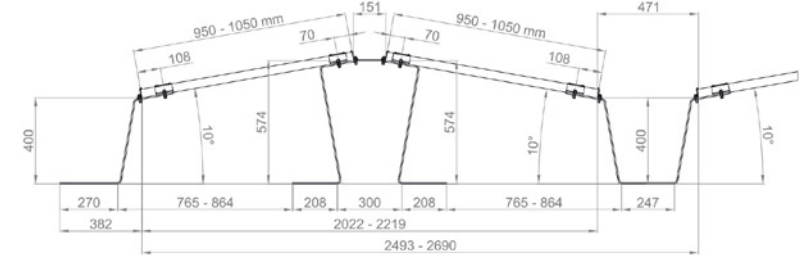
AEROCOMPACT G+



AEROCOMPACT G



AEROCOMPACT G+



For mountings on green areas we recommend a mow-robot or fleece pieces to avoid vegetation.

TECHNICAL SPECIFICATIONS

Module tilt:	AEROCOMPACT G: 15°, 20°	AEROCOMPACT G+: 10°
Inter-row spacing:	AEROCOMPACT G 15 (18° sun-angle): 797 mm spacing AEROCOMPACT G 15 (25° sun-angle): 555 mm spacing AEROCOMPACT G 20 (18° sun-angle): 1053 mm spacing AEROCOMPACT G 20 (25° sun-angle): 747 mm spacing	AEROCOMPACT G+: 549 mm spacing
Space to the ground:	AEROCOMPACT G 15: 400 mm height AEROCOMPACT G 20: 318 mm height	AEROCOMPACT G+: 400 mm height

GENERAL SPECIFICATIONS

Module dimensions:	950 – 1050 mm x 1552 – 2080 mm (width - length)
Max. ground slope:	20 degree
Wind-/Snowload:	2.4 KN/m2 (Design load as a load combination of dead load and wind suction)
Max. array size:	12 x 20 rows, 240 modules
Material:	Supporting materials made of aluminum EN AW 6060 T64, module-clamps aluminum EN AW 6063 T66, stainless steel screws
Shipping:	Approx. 40 KW per pallet, 700 KW per truckload

PITCHED ROOF AS 2.1
AEROCOMPACT 2.1
AEROCOMPACT GROUND MOUNT
LANDSCAPE 2.1
LAMINATE CLAMP
SOLAR THERMAL ENERGY
SOLAR-PRO:TOOL
TECHNOLOGY
ALUMINERO

standard parts/accessories

artikel-nr: 15728
product-nr: 800612

Socket screw
M8x30
With hexagon socket and serration under head
SW6; Place of Origin: Germany

drawing number: 800612 DIN 912
material: A2-70
weight: 1,600 kg/100 Stk.
packaging: 100 Stk. pro Karton



artikel-nr: 15820
product-nr: 800706

Cable tie inkl. clip
200x4,8 mm
To clip on trapezoidal bridge
Cable ties 200 x 4.6 mm; Place of Origin: Germany

drawing number: 800706
material: PA 66, UV resistant
weight: 0,300 kg/100 Stk.
packaging: 100 Stk. pro Beutel / 4.000 Stk. pro Karton



artikel-nr: 19073
product-nr: 823002

Flat washer M8
ID 8,4 (M8); AD 30
Place of Origin: Germany

drawing number: 823002 - 9054
material: Stainless steel A2-70
weight: 0,600 kg/100 Stk.
packaging: 100 Stk. pro Karton



aerocompact

artikel-nr: 21248
product-nr: 820305C P2

End Clamp Universal with pins
L=80 mm
incl. grounding-pins and O-ring
suitable for framed PV-modules with a frame height from 33 up to 50mm; Place of Origin: Poland

drawing number: 820305C P2 A
surface: mill finish
material: EN AW 6063 T66; A2-70
weight: 0,087 kg/Stk.
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 22047
product-nr: 820302-30-50V P2



Middle clamp AC with pins and screw M8x50
L=80 mm
incl. grounding-pins, suitable for framed PV-modules with a frame height from 30 up to 50mm; Place of Origin: Poland

drawing number: 820302-30-50V P2 B
surface: mill finish
material: EN AW 6063 / T66
weight: 0,087 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.

artikel-nr: 20433
product-nr: 820305-30V P2



End clamp 30 AC with pins
EN AW 6063 / T66
With pins for frame height 30 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-30V P2 A
surface: mill finish

material: L=80 mm
weight: 0,054 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.

artikel-nr: 20434
product-nr: 820305-31V P2



End clamp 31 AC with pins
L=80 mm
With pins for frame height 31 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-31V P2 A
surface: mill finish

material: EN AW 6063 / T66
weight: 0,055 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.

artikel-nr: 21575
product-nr: 820305-32V P2

End clamp 32 AC with pins
L=80 mm
With pins for frame height 32 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-32V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,060 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20435
product-nr: 820305-33V P2

End clamp 33 AC with pins
L=80 mm
With pins for frame height 33 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-33V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,056 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20436
product-nr: 820305-34V P2

End clamp 34 AC with pins
L=80 mm
with pins for Frame height 34 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-34V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,056 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20437
product-nr: 820305-35V P2

Endclamp 35 AC with pins

L=80 mm
with pins for Frame height 35 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-35V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,057 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20438
product-nr: 820305-36V P2

End clamp 36 AC with pins

L=80 mm
with pins for Frame height 36 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-36V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,058 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20439
product-nr: 820305-38V P2

End clamp 38 AC with pins

L=80 mm
with pins for Frame height 38 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-38V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,059 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20440
product-nr: 820305-40V P2

End clamp 40 AC with pins
L=80 mm
with pins for Frame height 40 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring, Place of Origin: Poland

drawing number: 820305-40V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0.061 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20441
product-nr: 820305-42V P2

End clamp 42 AC with pins
L=80 mm
with pins for Frame height 42 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring, Place of Origin: Poland

drawing number: 820305-42V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0.062 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20442
product-nr: 820305-43V P2

End clamp 43 AC with pins
L=80 mm
with pins for Frame height 43 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring, Place of Origin: Poland

drawing number: 820305-43V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0.062 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.



artikel-nr: 20443
product-nr: 820305-45V P2

**End clamp 45 AC with pins**

L=80 mm
with pins for Frame height 45 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-45V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,064 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.

artikel-nr: 20444
product-nr: 820305-46V P2

**End clamp 46 AC with pins**

L=80 mm
with pins for Frame height 46 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-46V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,064 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.

artikel-nr: 20445
product-nr: 820305-50V P2

**End clamp 50 AC with pins**

L=80 mm
with pins for Frame height 50 mm
incl. 2 pcs DIN7981 A2 C 2.2x4,5H
1 pcs DIN912 M8x30 A2-70 with locking nut
2 pcs DIN1440 A2-70
1 pcs snap ring; Place of Origin: Poland

drawing number: 820305-50V P2 A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,064 kg/Stk
packaging: = 1 Karton à 50 Stk. / 5 PVC Beutel à 10 Stk.

artikel-nr: 19195
product-nr: 820641

Ballast-Tray 2.0, 1775

Length 1775 mm, Thickness: 0,6 mm
For module lengths from 1.559 mm to 1.690 mm.
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.
Place of Origin: Poland

drawing number:
surface:

820641 A
mill finish

material:
weight:
packaging:

DX51D galvanized
3,000 kg/Stk
160 Stk. pro Pal. (lt Zeichnung v. 22.08.2017)



artikel-nr: 21503
product-nr: 820642

Ballast Tray 2.1, 2130

Length 2130 mm, Thickness: 0,6 mm
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.;
Place of Origin: Poland

drawing number:
surface:

820642 B
mill finish

material:
weight:
packaging:

DX51D galvanized - AZ185
3,500 kg/Stk
160 Stk. pro Palette (lt Zeichnung v. 22.08.2017)



artikel-nr: 19974
product-nr: 820643

Ballast-Tray 2.0, 855

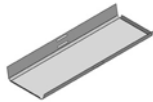
Length 855 mm, Thickness: 0,6 mm
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty;
Place of Origin: Poland

drawing number:
surface:

820643 B
mill finish

material:
weight:
packaging:

DX51D galvanized - AZ185
1,540 kg/Stk
240 Stk. pro Pal.



artikel-nr: 21576
product-nr: 820645

Ballast Tray , 2130

Length 2130 mm, Thickness: 0.6 mm
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.;
Place of Origin: Poland

drawing number:
surface:

820645 B
mill finish

material:
weight:
packaging:

DX51D galvanized - AZ185
3,500 kg/Stk



artikel-nr: 22043
product-nr: 820925

Aerocompact 2.1 G+ middle bracket Groundmount Plus 400
place of origin: Poland

drawing number: 820925 A
surface: pressblank
material: EN AW 6060 / T64
weight: 2,560 kg/Stk
packaging:



artikel-nr: 22041
product-nr: 820938

Aerocompact 2.1 G+ connector Groundmount Plus 400
place of origin : Poland

drawing number: 820938 A
surface: mill finish
material: EN AW 6060 / T64
weight: 1,820 kg/Stk
packaging:



artikel-nr: 22042
product-nr: 821015

Aerocompact 2.1 G+/south front bracket Groundmount Plus 400
place of origin: Poland

drawing number: 821015 A
surface: mill finish
material: EN AW 6060 / T64
weight: 1,100 kg/Stk
packaging:



artikel-nr: 22036
product-nr: 821515

Aerocompact 2.1 G15 front bracket Groundmount 400

drawing number: 821515 A
surface: pressblank
material: EN AW 6060 / T64
weight: 1,100 kg/Stk
packaging:



artikel-nr: 22034
product-nr: 821525

Aerocompact 2.1 G15 back bracket Groundmount 400
Place of origin: Poland

drawing number: 821525 A
surface: mill finish
material: EN AW 6060 / T64
weight: 1,450 kg/Stk
packaging:



artikel-nr: 22137
product-nr: 821538

Aerocompact 2.1 G15 connector/18 Groundmount 400
Tilt 15 degree, Shadow-Angle 18 degree, place of origin: Poland

drawing number: 821538 A
surface: mill finish
material: EN AW 6060 / T64
weight: 2,530 kg/Stk
packaging:



artikel-nr: 22035
product-nr: 821539

Aerocompact 2.1 G15 connector/25 Groundmount 400
Tilt 15 degree, Shadow-Angle 25 degree, place of origin: Poland

drawing number: 821539 A
surface: mill finish
material: EN AW 6060 / T64
weight: 2,220 kg/Stk
packaging:



artikel-nr: 22039
product-nr: 822015

Aerocompact 2.1 G20 front bracket Groundmount 400
place of origin: Poland

drawing number: 822015 A
surface: mill finish
material: EN AW 6060 / T64
weight: 0,980 kg/Stk
packaging:



artikel-nr: 22037
product-nr: 822025

Aerocompact 2.1 G20 end bracket Groundmount 400
place of origin: Poland

drawing number: 822025 A
surface: mill finish
material: EN AW 6060 / T64
weight: 1,460 kg/Stk
packaging:



artikel-nr: 22138
product-nr: 822038

Aerocompact 2.1 G20 connector/18 Groundmount 400
Tilt 20 degree, Shadow-Angle 18 degree, place of origin: Poland

drawing number: 822038 A
surface: mill finish
material: EN AW 6060 / T64
weight: 2,780 kg/Stk
packaging:



artikel-nr: 22038
product-nr: 822039

Aerocompact 2.1 G20 connector/25 Groundmount 400
Tilt 20 degree, Shadow-Angle 25 degree, place of origin: Poland

drawing number: 822039 A
surface: mill finish
material: EN AW 6060 / T64
weight: 2,360 kg/Stk
packaging:



artikel-nr: 21408
product-nr: 823046

Penetration-point Groundmount
125 x 85 x 50 mm
Place of Origin: Poland

drawing number: 823046 A
surface: mill finish
material: EN AW 6060 / T64
weight: 0,130 kg/Stk
packaging:



artikel-nr: 21694
product-nr: 823044

Ground screw 45x460 SW26 for AC Groundmount
Cast aluminium 356 alloy acc. to US standard, T6 specification

drawing number: 823044 A
material: to anchor the Aerocompact groundmount brackets in the ground
weight: 0,636 kg/Stk
packaging:





ca. 3300
2600

LANDSCAPE 2.1

GROUND MOUNTING SYSTEM

With a clever mix of high-quality steel components and innovative aluminum components our ALUMERO ground mounting system **LANDSCAPE 2.1** can optimally respond to your requirements. Ease of installation is also of paramount importance for a ground mounting system as in the entire portfolio of ALUMERO. With the pre-assembled components for quick mounting you can achieve maximum installation speed. Due to sophisticated standard components different table configurations can be realized immediately from stock. In addition, the simple adjustability makes it easy to adapt the table configuration at site to the different terrain. Thereby your solar park fits in every case, even in difficult terrain.

YOUR BIG ADVANTAGE

- + optimized adaptation to the relief by integrated adjustment
- + effective utilization of material
- + quick and easy installation
- + small quantity of individual components
- + project-related planning and structural calculation
- + no sealing of the soil
- + long life time by high quality components
- + corrosion-resistant
- + easy maintenance of terrain and pasturing possible
- + complete recyclable
- + high residual value



LANDSCAPE 2.1

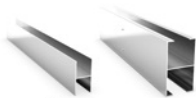




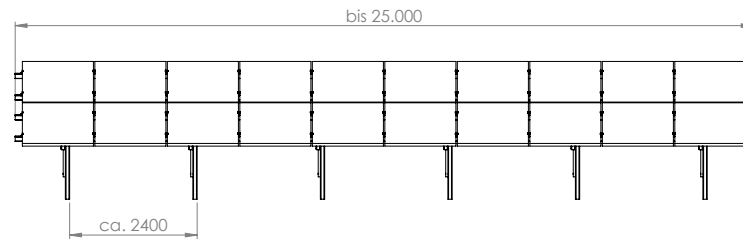
Clamps as pre-assembled components



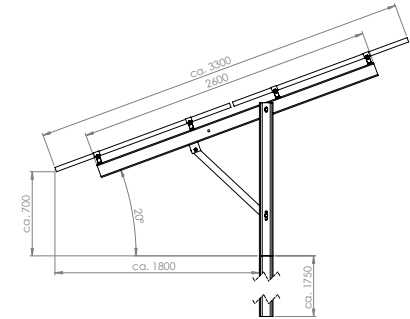
Aluminium mounting profiles, varying to the wind- and snowloads



Profile connector with slipping protection



Example



Example



TECHNICAL SPECIFICATIONS

Table design:	2 module in portrait in top of each other
Table inclination:	19° - 35°
Table length:	up to 25 m
Depth of penetration:	Standard 1750mm or rather to custom specification
Height of bottom edge of table:	variable
Distance of piles and rafters:	will be calculated project-related and is depending on the local wind and snow load assumptions
Cross section profiles:	will be calculated project-related and is depending on the local wind and snow load assumptions
Material of piles and rafters:	galvanized steel
Material of mounting profiles and clamps:	aluminium EN AW 6063 T66
Material of fastening elements:	Stainless steel A2-70
Accessory:	earthing clamp for potential equalization, components for cable fixation, components for internal potential equalization, ground wire, clamps for all types of modules

profiles

artikel-nr: 16759
product-nr: 802102-62

Mounting profile 65
L=6.200 (-0/+10) mm
Outside dimensions: 40 x 65 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802102-62 A
surface: mill finish

material: EN AW 6063 / T66
weight: 1,216 kg/mtr
packaging: *465 mtr. (75 Stg.)
Wx, Wy: 7795 mm³, 3922 mm³



artikel-nr: 16440
product-nr: 802102Z

Mounting profile 65 cut
L=variabel (-0/+10) mm
Outside dimensions: 40x65mm
1 x Mounting channel for threaded plate M8
1 x Mounting channel for hammer head screw M8 or M10

drawing number: 802102Z A
surface: mill finish

material: EN AW 6063 / T66
weight: 1,216 kg/mtr
packaging:
Wx, Wy: 7795 mm³, 3922 mm³



artikel-nr: 16760
product-nr: 802103-62

Mounting profile 95
L=6.200 (-0/+10) mm
Outside dimensions: 62 x 95 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802103-62 A
surface: mill finish

material: EN AW 6063 / T66
weight: 1,655 kg/mtr
packaging: *223,2 mtr. (36 Stg.)
Wx, Wy: 16700 mm³, 9830 mm³



profiles

artikel-nr: 16445
product-nr: 802103Z

Mounting profile 95 cut
L=variabel mm (-0/+10mm)
Outside dimensions: 62 x 95 mm
1xMounting Channel for threaded plate M8
1xMounting Channel for hammer head screw M8 or M10

drawing number: 802103Z A
surface: mill finish

material: EN AW 6063 / T66
weight: 1,655 kg/mtr
packaging: 16700 mm³, 9830 mm³
Wx, Wy:

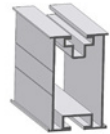


artikel-nr: 17112
product-nr: 802104-62

Mounting profile 80
L=6.200 (-0/+10) mm
Outside dimensions: 50 x 80 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802104-62 A
surface: mill finish

material: EN AW 6063 / T66
weight: 1,437 kg/mtr
packaging: *341 mtr. (55 Stg.)
11797 mm³, 5943 mm³
Wx, Wy:

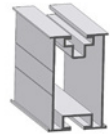


artikel-nr: 17114
product-nr: 802104Z

Mounting profile 80
L=variabel (-0/+10) mm
Outside dimensions: 50 x 80 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802104Z A
surface: mill finish

material: EN AW 6063 / T66
weight: 1,437 kg/mtr
packaging: 11797 mm³, 5943 mm³
Wx, Wy:



connection parts

artikel-nr: 16441
product-nr: 802152

Profile connector 65
L=400 mm
for Mounting profile 65
Outside dimensions: 30 x 3 x 58,3 mm

drawing number: 802152 B
material: EN AW 6063 / T66
weight: 0,220 kg/Stk
packaging: 10 Stk. pro Karton / 1.000 Stk. pro Palette



artikel-nr: 17418
product-nr: 802152S

Profile connector 65 S
L=400 mm
for Mounting profile 65 incl. 4 self drilling screws SW8 6,0 x 25 mm
Outside dimensions: 30 x 3 x 8,3 mm

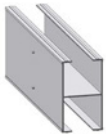
drawing number: 802152S B
material: EN AW 6063 / T66; A2-70
weight: 0,248 kg/Stk
packaging: *10 Stk. pro Karton / 1.000 Stk. pro Palette



artikel-nr: 16446
product-nr: 802153

Profile connector 95
L=400 mm
for Mounting profile 95
Outside dimension: 51,1 x 91,3 mm

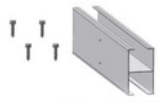
drawing number: 802153 B
material: EN AW 6063 / T66
weight: 0,453 kg/Stk
packaging: *10 Stk. pro Karton / 240 Stk. pro Palette



artikel-nr: 17419
product-nr: 802153S

Profile connector 95 S
L=400 mm
for Mounting profile 95 incl 4 pcs. self drilling screws SW8 6,0 x 25
Outside dimension: 51,1 x 91,3 mm

drawing number: 802153S B
material: EN AW 6063 / T66; A2-70
weight: 0,481 kg/Stk
packaging: *10 Stk. pro Karton / 240 Stk. pro Palette



connection parts

artikel-nr: 17115
product-nr: 802154

Profile connector 80
L=400 mm
for Mounting profile 80
Outside dimension: 39,1 x 76,3 mm

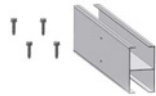
drawing number: 802154 A
material: EN AW 6063 / T66
weight: 0,345 kg/Stk
packaging: *10 Stk. pro Karton / 240 Stk. pro Palette



artikel-nr: 18061
product-nr: 802154S

Profile connector 80 S
L=400 mm
for Mounting profile 80 incl. 4 self drilling screws SW10 6,3 x 25 mm
Outside dimensions: 30 x 58,3 mm

drawing number: 802154S A
material: EN AW 6063 / T66; A2-70
weight: 0,345 kg/Stk
packaging: *10 Stk. pro Karton / 240 Stk. pro Palette

**clamps**

artikel-nr: 16482
product-nr: 802301-30-33V

Middle clamp for fast mounting 30-33
L=50 mm
Incl. Opening-function
for Frame height 31-33 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802301-30-33V A
surface: mill finish; stainless steel A2-70

material: EN AW 6063 / T66; A2-70
weight: 0,046 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



artikel-nr: 22242
product-nr: 802301-30-33V P1

Middle clamp with pin 30-33
L=50 mm
Incl. Opening-function
for Frame height 30-33 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802301-30-33V P1
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,046 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



clamps

artikel-nr: 21340
product-nr: 802301-33-42V

Middle clamp for fast mounting 33-42
L=50 mm
Incl. Opening-function
for Frame height 33-42 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802301-33-42V
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,053 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



artikel-nr: 21292
product-nr: 802301-33-42V P1

Middle clamp with pin 33-42
L=50 mm
Incl. Opening-function
for Frame height 33-42 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802301-33-42V P1 B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,053 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



artikel-nr: 21350
product-nr: 802301-43-50V

Middle clamp for fast mounting 43-50
L= 50 mm
Incl. Opening-function
for Frame height 43-50mm
for Mounting profiles with threaded plate channel M8
This clamp can be used together with the trapezoidal short rail (802442) for all frame heights (33-50mm)

drawing number: 802301-43-50V
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,056 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



clamps

artikel-nr: 21349
product-nr: 802301-43-50V P1

Middle clamp with pin 43-50
L=50 mm
Incl. Opening-function
for Frame height 43-50mm
for Mounting profiles with threaded plate channel M8
This clamp can be used together with the trapezoidal short rail (802442) for all frame heights (33-50mm)

drawing number: 802301-43-50V P1 B
surface: mill finish

material: EN AW 6063 / T66, A2-70
weight: 0,056 kg/Stk
packaging: 50 Stk. pro Karton / 4.950 Stk. pro Palette



artikel-nr: 17753
product-nr: 802304-30V

End clamp for fast mounting 30
L=50 mm
Incl. Opening-function
for Frame height 30 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-30V A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,046 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 16481
product-nr: 802304-31V

End clamp for fast mounting 31
L=50 mm
Incl. Opening-function
for Frame height 31 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-31V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,046 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



clamps

artikel-nr: 18079
product-nr: 802304-33V

End clamp for fast mounting 33
L=50 mm
Incl. Opening-function
for Frame height 33 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-33V A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,048 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15786
product-nr: 802304-34V

End clamp for fast mounting 34
L=50 mm
Incl. Opening-function
for Frame height 34 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-34V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,048 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15787
product-nr: 802304-35V

End clamp for fast mounting 35
L=50 mm
Incl. Opening-function
for Frame height 35 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-35V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,048 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15789
product-nr: 802304-36V

End clamp for fast mounting 36
L=50 mm
Incl. Opening-function
for Frame height 36 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-36V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,049 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



clamps

artikel-nr: 15790
product-nr: 802304-38V

End clamp for fast mounting 38
L=50 mm
Incl. Opening-function
for Frame height 38 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-38V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,050 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15791
product-nr: 802304-40V

End clamp for fast mounting 40
L=50 mm
Incl. Opening-function
for Frame height 40 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-40V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,051 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15792
product-nr: 802304-42V

End clamp for fast mounting 42
L=50 mm
Incl. Opening-function
for Frame height 42 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-42V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,051 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15793
product-nr: 802304-43V

End clamp for fast mounting 43
L=50 mm
Incl. Opening-function
for Frame height 43 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-43V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,052 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



clamps

artikel-nr: 15795
product-nr: 802304-45V

End clamp for fast mounting 45
L=50 mm
Incl. Opening-function
for Frame height 45 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-45V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,052 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15794
product-nr: 802304-46V

End clamp for fast mounting 46
L=50 mm
Incl. Opening-function
for Frame height 46 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-46V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,053 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette



artikel-nr: 15797
product-nr: 802304-50V

End clamp for fast mounting 50
L=50 mm
Incl. Opening-function
for Frame height 50 mm
for Mounting profiles with threaded plate channel M8

drawing number: 802304-50V B
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,054 kg/Stk
packaging: 20 Stk. pro Karton / 7.000 Stk. pro Palette

**standard parts/accessories**





artikel-nr: 14730
product-nr: 800623

Hexagon screw
M10x25
SW17

drawing number: 800623 DIN 933
material: A2-70
weight: 2,370 kg/100 Stk.
packaging: 100 Stk.



standard parts/accessories

artikel-nr: 15325 product-nr: 800626	Hexagon screw M16x35 SW24	drawing number: material: weight: packaging:	800626 DIN 933 A2-70 8,350 kg/100 Stk. 50 Stk.
			
artikel-nr: 15052 product-nr: 800634	Hexagon nut M10 with flange and serration	drawing number: material: weight: packaging:	800634 DIN 6923 A2-70 1,120 kg/100 Stk. 100 Stk.
			
artikel-nr: 15591 product-nr: 800636	Hexagon nut M16 with flange and serration	drawing number: material: weight: packaging:	800636 DIN 6923 B A2-70 5,000 kg/100 Stk. 50
			
artikel-nr: 15453 product-nr: 800646	Hammerhead screw M10x25	drawing number: material: weight: packaging:	800646 A2-70 1,990 kg/100 Stk. 100 Stk.
			

standard parts/accessories

artikel-nr: 16699
product-nr: 800654

Flat washer
A17

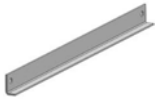
drawing number: 800654 DIN125
material: A2-70
weight: 1,014 kg/100 Stk.
packaging: 100 Stk.

**landscape 2.1**

artikel-nr: 17683
product-nr: 800762-355

Strut Landscape
L=900
from angle profile 60x30x5

drawing number: 800762-355 C
surface: galvanized
material: Steel S355 JR
weight: 2,983 kg/Stk
packaging: *



artikel-nr: 17685
product-nr: 800763-355

Connecting angle Landscape
L=80 mm
from angle profile 80x65x6

drawing number: 800763-355 C
surface: galvanized
material: Steel S355 JR
weight: 0,500 kg/Stk
packaging: *



artikel-nr: 17038
product-nr: 800764

Seperation TP65-95
60x80x1,5
For Mounting profiles 65 - 95 with elongated hole

drawing number: 800764 D
material: EPDM
weight: 0,010 kg/Stk
packaging:



landscape 2.1

artikel-nr: 17335
product-nr: 800765-355

Post Landscape C-130
L=3.200 mm

drawing number: 800765-355 C
surface: galvanized
material: Steel S355 JR
weight: 7,250 kg/mtr
packaging: *



artikel-nr: 17681
product-nr: 800766-355

Beam Landscape C-120/3
L=2.600mm
For inclination angle from 18 - 35°

drawing number: 800766-355 C
surface: galvanized
material: Steel S355 JR
weight: 6,000 kg/mtr
packaging: *



special parts

artikel-nr: 19161
product-nr: 800301P

Earthing plate for Middle clamp
stainless steel 1.4301
to implement the Modules in the grounding
For Middle clamps with L= 50 mm and W= 20 mm

drawing number: 800301P B
material: Edelstahl 1.4301
weight: 0,300 kg/100 Stk.
packaging: 100 Stk. pro PE Beutel; 4.200 Stk. pro Karton



LAMINATE CLAMPS

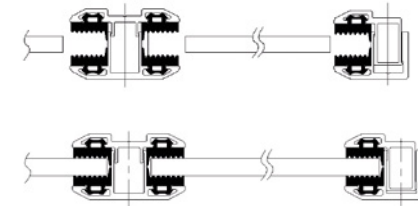
HIGH QUALITY CLAMPS MADE OF EXTRUDED ALUMINIUM

Our unique laminate clamps **CLICK** and **SECURITAS** are high-quality clamps made of an extruded forgeable aluminium alloy with integrated bearing area seal. The elastic sealing insert made of UV-resistant rubber delivers the best possible permitted force-fit clamping. Besides optimal function and quick and easy installation, our clamps also offer other advantages like flexible and customer-designed solutions in constant best quality and short time delivery.



ALUMERO LAMINATE CLAMPS CLICK

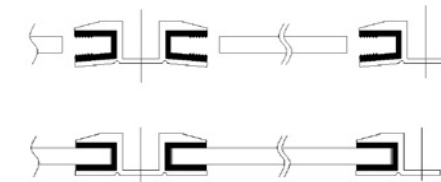
- + Convenient clip connection
- + Delivered fully assembled
- + Available in anodised E6/C35 on request
- + Short-term delivery possible



Scheme open and closed

ALUMERO LAMINATE CLAMPS SECURITAS

- + One-piece – simplifies installation
- + High degree of functionality guaranteed
- + Structural shape integrity guaranteed



Scheme open and closed

CERTIFIED FOR



laminare clamps

artikel-nr: 13908
product-nr: 800311

Laminare middle clamp SECURITAS 6.8
L=70mm
for modules from
First Solar
Calyxo
and for modules with thickness from 6.8 - 6.9 mm
1592/1

drawing number: 800311 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,070 kg/Stk
packaging: 210 Stk. pro Krt. / 7.560 Stk. pro Pal.



artikel-nr: 14724
product-nr: 800311

Laminare middle clamp SECURITAS 5.0
L=70mm
for modules with thickness 5.0 mm
1644/1

drawing number: 800311 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,068 kg/Stk
packaging: 210 Stk. pro Krt. / 7.560 Stk. pro Pal.

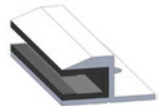


artikel-nr: 13909
product-nr: 800312

Laminare end clamp SECURITAS 6.8
L=70mm
for modules from
First Solar
Calyxo
and for modules with thickness from 6.8 - 6.9 mm
1592/1

drawing number: 800312 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,038 kg/Stk
packaging: 470 Stk. pro Krt. / 16.920 Stk. pro Pal.



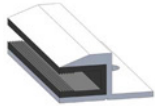
laminare clamps

artikel-nr: 14725
product-nr: 800312

Laminare end clamp SECURITAS 5.0
L=70mm
for modules with thickness 5.0 mm
1644/1

drawing number: 800312 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,038 kg/Stk
packaging: 470 Stk. pro Krt. / 16.920 Stk. pro Pal.

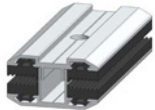


artikel-nr: 14322
product-nr: 800323

Laminare middle clamp CLICK 6.8
L=100mm
for modules from
First Solar
Calyxo
MiaSolé
and for modules with thickness from 6.8 - 8.0 mm
1437/1

drawing number: 800323 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,109 kg/Stk
packaging: 120 Stk. pro Krt. / 7.200 Stk. pro Pal.

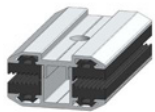


artikel-nr: 14632
product-nr: 800323

Laminare middle clamp CLICK 6.8
L=80mm
for modules from
First Solar
MiaSolé
Canadian Solar (Dymond)
and for modules with thickness from 6.8 - 8.0 mm
1437/2

drawing number: 800323 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,086 kg/Stk
packaging: 140 Stk. pro Krt. / 8.400 Stk. pro Pal.



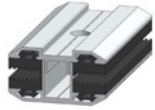
laminare clamps

artikel-nr: 14723
product-nr: 800323

Laminat middle clamp CLICK 5.0
L=80mm
for modules from
Heckert Solar, S-Energy, Canadian Solar (Dymond)
and modules with thickness from 5.0 - 6.2 mm
1643/2

drawing number: 800323
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,086 kg/Stk
packaging: 140 Stk. pro Krt. / 8.400 Stk. pro Pal.

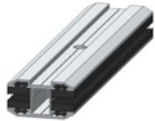


artikel-nr: 15096
product-nr: 800323

Laminare middle clamp CLICK 6.8
L=200mm
for modules from
NexPower
and for modules with thickness from 6.8 - 8.0 mm
1437/3

drawing number: 800323 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,218 kg/Stk
packaging: 60 Stk. pro Krt. / 3.600 Stk. pro Pal.



artikel-nr: 15296
product-nr: 800323

Laminare middle clamp CLICK 5.0
L=100mm
for modules from
SoliTek/ViaSolis, S-Energy, Sonnenstromfabrik / CS Wismar
and for modules with thickness from 5.0 - 6.2 mm
1643/1

drawing number: 800323
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,109 kg/Stk
packaging: 120 Stk. pro Krt. / 7.200 Stk. pro Pal.



laminat clamps

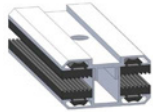
artikel-nr: 15300
product-nr: 800323

Laminat middle clamp CLICK A

L=80mm
for modules from
Abound Solar
S-1710/2

drawing number: 800323 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,086 kg/Stk
packaging: 140 Stk. pro Krt. / 8.400 Stk. pro Pal.



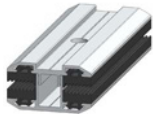
artikel-nr: 15465
product-nr: 800323

Laminat middle clamp CLICK 6.8

L=120mm
for modules from
Solibro/Hanergy
and for modules with thickness from 6.8 - 8.0 mm
1437/5

drawing number: 800323 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,130 kg/Stk
packaging: 100 Stk. pro Krt. / 6.000 Stk. pro Pal.



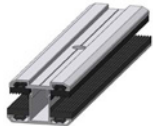
artikel-nr: 16923
product-nr: 800323

Laminat middle clamp CLICK SHARP

L=200mm
for Sharp modules
1437/3, 1896

drawing number: 800323 B
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,218 kg/Stk
packaging: 60 Stk. pro Krt. / 3.600 Stk. pro Pal.



artikel-nr: 17200
product-nr: 800323

Laminat middle clamp CLICK 3.0

L=100mm
for modules with thickness from 3.0 - 4.2 mm
1916

drawing number: 800323 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,109 kg/Stk
packaging: 120 Stk. pro Krt. / 7.200 Stk. pro Pal.

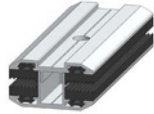


laminare clamps

artikel-nr: 17400
product-nr: 800323

Laminare middle clamp CLICK 5.0
L=120mm
for modules with thickness from 5.0 - 6.2 mm
1643

drawing number: 800323
surface: mill finish
material: EN AW 6063 / T66; EPDM
weight: 0,128 kg/Stk
packaging: 100 Stk. pro Krt. / 6.000 Stk. pro Pal.



artikel-nr: 17459
product-nr: 800323

Laminare middle clamp CLICK Hanwha Q CELLS
L=100mm
for Hanwha Q CELLS modules
G-10288

drawing number: 800323
surface: mill finish
material: EN AW 6063 / T66; Silikon
weight: 0,109 kg/Stk
packaging: 120 Stk. pro Krt. / 7.200 Stk. pro Pal.



artikel-nr: 17463
product-nr: 800323

Laminare middle clamps CLICK
further lengths, surfaces, laminare-heights as well as
individual pre-mounted sets incl. screws and nuts
or pre-packed units on request

drawing number: 800323
material: EN AW 6063 / T66; EPDM/Silikon

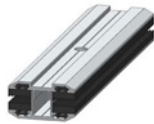
weight:
packaging:

artikel-nr: 17707
product-nr: 800323

Laminare middle clamp CLICK 5.0
L=200mm
for modules from Sonnenstromfabrik / CS Wismar
and modules with thickness from 5.0 - 6.2 mm
1643

drawing number: 800323
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,218 kg/Stk
packaging: 60 Stk. pro Krt. / 3.600 Stk. pro Pal.



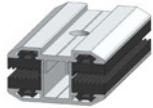
laminare clamps

artikel-nr: 17710
product-nr: 800323

Laminare middle clamp CLICK 3.0
L=80mm
for modules with thickness from 3.0 - 4.2 mm
1916

drawing number: 800323 A
surface: mill finish

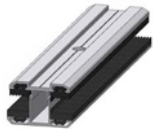
material: EN AW 6063 / T66; EPDM
weight: 0,086 kg/Stk
packaging: 140 Stk. pro Krt. / 8.400 Stk. pro Pal.



artikel-nr: 17771
product-nr: 800323

Laminare middle clamp CLICK SHARP
L=160mm
for Sharp modules 1437/3, 1896

drawing number: 800323 A
surface: mill finish
material: EN AW 6063 / T66; EPDM
weight: 0,218 kg/Stk
packaging: 60 Stk. pro Krt. / 3.600 Stk. pro Pal.

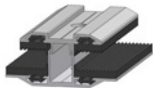


artikel-nr: 17865
product-nr: 800323

Laminare middle clamp CLICK SMARTENERGY
L=100mm
for Smartenergy modules
1437/1, S1989

drawing number: 800323 A
surface: mill finish

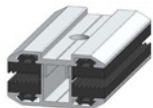
material: EN AW 6063 / T66; EPDM
weight: 0,103 kg/Stk
packaging: 100 Stk. pro Krt. / 6.000 Stk. pro Pal.



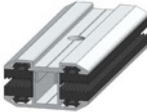



artikel-nr: 19945
product-nr: 800323

Laminare middle clamp Click 6.8 TPE 80
L=80mm
rubber Santoprene (FS serie 4)

drawing number: 800323 A
surface: mill finish
material: EN AW 6063 / T66; TPE
weight: 0,084 kg/Stk
packaging: 140 Stk. pro Krt. / 8.400 Stk. pro Pal.



laminat clamps

artikel-nr: 21461 product-nr: 800323	Laminat middle clamp CLICK 6.8 L=150mm for modules from and for modules with thickness from 6.8 - 8.0mm 1437/2	drawing number: surface:	800323 A mill finish
	material: weight: packaging:	EN AW 6063 / T66; EPDM 0,161 kg/Stk	
artikel-nr: 17206 product-nr: 800323-E6/C35	Laminat middle clamp CLICK 6.8 black L=100mm for First Solar modules (6.8), Calyxo modules (6.9) and for modules with thickness from 6.8 - 8.0 mm 1437/1	drawing number: surface:	800323-E6/C35 A bars anodized in E6/C35
	material: weight: packaging:	EN AW 6063 / T66; EPDM 0,108 kg/Stk 120 Stk. pro Krt. / 7.200 Stk. pro Pal.	
artikel-nr: 17208 product-nr: 800323-E6/C35	Laminat middle clamp CLICK 6.8 black L=80mm for First Solar modules (6.8), Calyxo modules (6.9) and for modules with thickness from 6.8 - 8.0 mm 1437/2	drawing number: surface:	800323-E6/C35 A bars anodized in E6/C35
	material: weight: packaging:	EN AW 6063 / T66; EPDM 0,086 kg/Stk 140 Stk. pro Krt. / 8.400 Stk. pro Pal.	
artikel-nr: 17311 product-nr: 800323-E6/C35	Laminat middle clamp CLICK SHARP black L=200mm for Sharp modules 1437/3, 1896	drawing number: surface:	800323-E6/C35 B bars anodized in E6/C35
	material: weight: packaging:	EN AW 6063 / T66; EPDM 0,189 kg/Stk 60 Stk. pro Krt. / 3.600 Stk. pro Pal.	

laminare clamps

artikel-nr: 17427
product-nr: 800323-E6/C35

Laminare middle clamp CLICK 6.8 black
L=120mm
for Solibro/Hanergy module SL2 and for modules with thickness from 6.8 - 8.0 mm
1437/5

drawing number: 800323-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0,128 kg/Stk
packaging: 100 Stk. pro Krt. / 6.000 Stk. pro Pal.

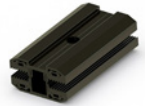


artikel-nr: 17476
product-nr: 800323-E6/C35

Laminare middle clamp CLICK 5.0 black
L=80mm
for modules with thickness from 5.0 - 6.2 mm
1643/2

drawing number: 800323-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0,086 kg/Stk
packaging: 140 Stk. pro Krt. / 8.400 Stk. pro Pal.



artikel-nr: 17531
product-nr: 800323-E6/C35

Laminare middle clamps CLICK 6.8 black
L=200mm
for modules with thickness from 6.8 - 8.0 mm
1437/3

drawing number: 800323-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0,215 kg/Stk
packaging: 60 Stk. pro Krt. / 3.600 Stk. pro Pal.



artikel-nr: 17564
product-nr: 800323-E6/C35

Laminare middle clamp CLICK 3.0 black
L=100mm
for modules with thickness from 3.0 - 4.2 mm
1916

drawing number: 800323-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0,107 kg/Stk
packaging: 120 Stk. pro Krt. / 7.200 Stk. pro Pal.



laminare clamps

artikel-nr: 17703
product-nr: 800323-E6/C35



Laminate middle clamp CLICK 5.0 black
L=100mm
for modules with thickness from 5.0 - 6.2 mm
1643/2

drawing number: 800323-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0,109 kg/Stk
packaging: 120 Stk. pro Krt. / 7.200 Stk. pro Pal.

artikel-nr: 22218
product-nr: 800323-E6/C35



Laminate middle clamp CLICK 3.0 black
L=80mm
for modules with thickness from 3.0 - 4.2 mm
1916

drawing number: 800323-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0,086 kg/Stk
packaging: 140 Stk. pro Krt. / 8.400 Stk. pro Pal.

artikel-nr: 14323
product-nr: 800324



Laminate end clamp CLICK 6.8
L=100mm
for modules from
First Solar
Calyxo
MiaSolé
and for modules with thickness from 6.8 - 8.0 mm
1437/1

drawing number: 800324 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,084 kg/Stk
packaging: 180 Stk. pro Krt. / 10.800 Stk. pro Pal.

laminare clamps

artikel-nr: 14633
product-nr: 800324

Laminare end clamp CLICK 6.8
L=80mm
for modules from
First Solar
MiaSolé
Canadian Solar (Dymond)
and for modules with thickness from 6.8 - 8.0 mm
1437/2

drawing number: 800324 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,067 kg/Stk
packaging: 220 Stk. pro Krt. / 13.200 Stk. pro Pal.



artikel-nr: 14708
product-nr: 800324

Laminare end clamp CLICK 5.0
L=80mm
for modules from
Heckert Solar, S-Energy, Canadian Solar (Dymond)
and modules with thickness from 5.0 - 6.2 mm
1643/2

drawing number: 800324 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,067 kg/Stk
packaging: 220 Stk. pro Krt. / 13.200 Stk. pro Pal.



artikel-nr: 15097
product-nr: 800324

Laminare end clamp CLICK 6.8
L=200mm
for modules from
NexPower
and for modules with thickness from 6.8 - 8.0 mm
1437/3

drawing number: 800324 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,168 kg/Stk
packaging: 80 Stk. pro Krt. / 4.800 Stk. pro Pal.



laminate clamps

artikel-nr: 15297
product-nr: 800324

Laminate end clamp CLICK 5.0
L=100mm
for modules from
SoliTek/ViaSolis, S-Energy, Sonnenstromfabrik / CS Wismar
and for modules with thickness from 5.0 - 6.2 mm
1643/1

drawing number: 800324
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,084 kg/Stk
packaging: 180 Stk. pro Krt. / 10.800 Stk. pro Pal.



artikel-nr: 15301
product-nr: 800324

Laminate end clamp CLICK A
L=80mm
for modules from
Abound Solar
S-1710/2

drawing number: 800324 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,068 kg/Stk
packaging: 240 Stk. pro Krt. / 14.400 Stk. pro Pal.



artikel-nr: 15466
product-nr: 800324

Laminate end clamp CLICK 6.8
L=120mm
for modules from
Solibro/Hanergy
and for modules with thickness from 6.8 - 8.0 mm
1437/5

drawing number: 800324 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,101 kg/Stk
packaging: 150 Stk. pro Krt. / 9.000 Stk. pro Pal.



PITCHED ROOF AS 2.1

AEROCOMPACT 2.1

AEROCOMPACT GROUND MOUNT

LANDSCAPE 2.1

LAMINATE CLAMP

SOLAR THERMAL ENERGY

SOLAR PRO TOOL

TECHNOLOGY

ALUMERO

laminare clamps

artikel-nr: 16924
product-nr: 800324

Laminare end clamp CLICK SHARP
L=200mm
for Sharp modules
1437/3, 1896

drawing number:
surface:

800324 B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66, EPDM
0,168 kg/Stk
80 Stk. pro Krt. / 4.800 Stk. pro Pal.



artikel-nr: 17065
product-nr: 800324

Laminare end clamp CLICK 5.0
L=120mm
for modules with thickness from 5.0 - 6.2 mm
1643

drawing number:
surface:

800324 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,067 kg/Stk
150 Stk. pro Krt. / 9.000 Stk. pro Pal.



artikel-nr: 17201
product-nr: 800324

Laminare end clamp CLICK 3.0
L=100 mm
for modules with thickness from 3.0 - 4.2 mm
1916

drawing number:
surface:

800324 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,084 kg/Stk
180 Stk. pro Krt. / 10.800 Stk. pro Pal.



artikel-nr: 17461
product-nr: 800324

Laminare end clamp CLICK Hanwha Q CELLS
L=100mm
for Hanwha Q CELLS modules
G-10288

drawing number:
surface:


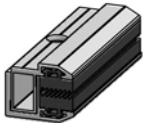

800324
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; Silikon
0,084 kg/Stk
180 Stk. pro Krt. / 10.800 Stk. pro Pal.



laminare clamps

artikel-nr: 17464 product-nr: 800324	Laminare end clamp CLICK further lengths, surfaces, laminate-heights as well as individual pre-mounted sets incl. screws and nuts or pre-packed units on request.	drawing number: 800324 material: EN AW 6063 / T66; EPDM/Silikon
		weight: packaging:
artikel-nr: 17708 product-nr: 800324	Laminare end clamp CLICK 5.0 L=200mm for modules from Sonnenstromfabrik / CS Wismar and for modules with thickness from 5.0 - 6.2 mm 1643	drawing number: 800324 surface: mill finish material: EN AW 6063 / T66; EPDM weight: 0,168 kg/Stk packaging: 90 Stk. pro Krt. / 5.400 Stk. pro Pal.
		
artikel-nr: 17711 product-nr: 800324	Laminare end clamp CLICK 3.8 L=80mm for modules with thickness from 3.0 - 4.2 mm 1916	drawing number: 800324 A surface: mill finish material: EN AW 6063 / T66; EPDM weight: 0,067 kg/Stk packaging: 220 Stk. pro Krt. / 13.200 Stk. pro Pal.
		
artikel-nr: 17772 product-nr: 800324	Laminare end clamp CLICK SHARP L=160mm For Sharp modules 1437/3, 1896	drawing number: 800324 A surface: mill finish material: EN AW 6063 / T66, EPDM weight: 0,168 kg/Stk packaging: 90 Stk. pro Krt. / 5.400 Stk. pro Pal.
		

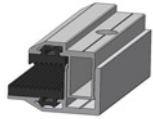
laminare clamps

artikel-nr: 17866
product-nr: 800324

Laminare end clamp CLICK SMARTENERGY
L=100mm
for Smartenergy modules
1437/1, S1989

drawing number: 800324 A
surface: mill finish

material: EN AW 6063 / T66, EPDM
weight: 0,076 kg/Stk
packaging: 150 Stk. pro Krt. / 9.000 Stk. pro Pal.



artikel-nr: 19946
product-nr: 800324

Laminare end clamp Click 6.8 TPE 80
L=80mm
rubber Santoprene (FS serie 4)

drawing number: 800324 A
surface: mill finish
material: EN AW 6063 / T66; TPE
weight: 0,065 kg/Stk
packaging: 220 Stk. pro Krt. / 13.200 Stk. pro Pal.



artikel-nr: 21462
product-nr: 800324

Laminare end clamp CLICK 6.8
L=150mm
for modules from

and for modules with thickness from 6.8 - 8.0mm
1437/2

drawing number: 800324 A
surface: mill finish

material: EN AW 6063 / T66, EPDM
weight: 0,128 kg/Stk
packaging:



artikel-nr: 17207
product-nr: 800324-E6/C35

Laminare end clamp CLICK 6.8 black
L=100mm
for First Solar modules (6.8), Calyxo modules (6.9) and for modules with thickness from 6.8 - 8.0 mm
1437/1

drawing number: 800324-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0,084 kg/Stk
packaging: 180 Stk. pro Krt. / 10.800 Stk. pro Pal.



laminare clamps

artikel-nr: 17209
product-nr: 800324-E6/C35

Laminare end clamp CLICK 6.8 black
L=80mm
for First Solar modules (6.8) and for modules with thickness from 6.8 - 8.0 mm
1437/2

drawing number: 800324-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0.067 kg/Stk
packaging: 220 Stk. pro Krt. / 13.200 Stk. pro Pal.



artikel-nr: 17312
product-nr: 800324-E6/C35

Laminare end clamp CLICK SHARP black
L=200mm
for Sharp modules
1437/3, 1896

drawing number: 800324-E6/C35 B
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0.154 kg/Stk
packaging: 90 Stk. pro Krt. / 5.400 Stk. pro Pal.



artikel-nr: 17428
product-nr: 800324-E6/C35

Laminare end clamp CLICK 6.8 black
L=120mm
for Solibro/Hanergy module SL2 and for modules with thickness from 6.8 - 8.0 mm
1437/5

drawing number: 800324-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 1,000 kg/Stk
packaging: 150 Stk. pro Krt. / 9.000 Stk. pro Pal.



artikel-nr: 17477
product-nr: 800324-E6/C35

Laminare end clamp CLICK 5.0 black
L=80mm
for modules with thickness from 5.0 - 6.2 mm
1643/2

drawing number: 800324-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0.069 kg/Stk
packaging: 240 Stk. pro Krt. / 14.400 Stk. pro Pal.



laminare clamps

artikel-nr: 17532
product-nr: 800324-E6/C35

Laminare end clamp CLICK 6.8 black
L=200mm
for modules with thickness from 6.8 - 8.0 mm
1437/3

drawing number: 800324-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0,169 kg/Stk
packaging: 90 Stk. pro Krt. / 5.400 Stk. pro Pal.



artikel-nr: 17565
product-nr: 800324-E6/C35

Laminare end clamp CLICK 3.0 black
L=100mm
for modules with thickness from 3.0 - 4.2 mm
1916

drawing number: 800324-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0,084 kg/Stk
packaging: 180 Stk. pro Krt. / 10.800 Stk. pro Pal.



artikel-nr: 17704
product-nr: 800324-E6/C35

Laminare end clamp CLICK 5.0 black
L=100mm
for modules with thickness from 5.0 - 6.2 mm
1643/2

drawing number: 800324-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0,084 kg/Stk
packaging: 180 Stk. pro Krt. / 10.800 Stk. pro Pal.



artikel-nr: 22217
product-nr: 800324-E6/C35

Laminare end clamp CLICK 3.0 black
L=80mm
for modules with thickness from 3.0 - 4.2 mm
1916

drawing number: 800324-E6/C35 A
surface: bars anodized in E6/C35

material: EN AW 6063 / T66; EPDM
weight: 0,067 kg/Stk
packaging: 220 Stk. pro Krt. / 13.200 Stk. pro Pal.



NOTES

Area with horizontal dotted lines for taking notes.

PITCHED ROOF AS 2.1

AEROCOMPACT 2.1

AEROCOMPACT GROUND MOUNT

LANDSCAPE 2.1

LAMINATE CLAMP

SOLAR THERMAL ENERGY

SOLAR PRO TOOL

TECHNOLOGY

ALUMERO

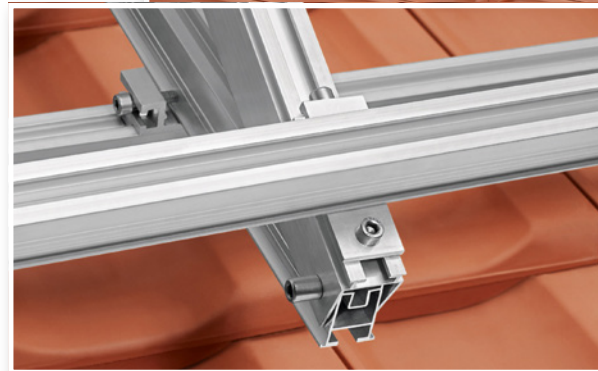


SOLAR THERMAL ENERGY

LET US USE THE SUN FOR OUR ADVANTAGE

Beside our established and existing photovoltaic mounting-systems, we now present our new and already proved mounting-system for **SOLAR THERMAL ENERGY**. For the winning of sustainable solar energy, the components are designed to incline the thermal-collector from 21° up to 60° on flat and pitched roofs. Specific articles, like mounting-clamps and the slip guard, will be produced and processed to the respective thermal collector or as requested from the client. All ALUMERO solar products are calculated according to the European standards (e.g. EC1 / EC3), and certified and fabricated according to the CE-regulations.

As an industrial company with production plants all over Europe, our focus is the development and the production. That is why we are looking for established and dedicated partners for our mounting systems.



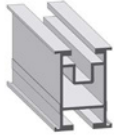
profiles

artikel-nr: 16757
product-nr: 802100-62

Mounting profile 45
L=6.200 (-0/+10) mm
Outside dimensions: 32 x 45mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802100-62 A
surface: mill finish

material: EN AW 6063 / T66
weight: 0,816 kg/mtr
packaging: 992 mtr. (160 Stg.)
Wx, Wy: 3007 mm³, 1972 mm³



artikel-nr: 16759
product-nr: 802102-62

Mounting profile 65
L=6.200 (-0/+10) mm
Outside dimensions: 40 x 65 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802102-62 A
surface: mill finish

material: EN AW 6063 / T66
weight: 1,216 kg/mtr
packaging: *465 mtr. (75 Stg.)
Wx, Wy: 7795 mm³, 3922 mm³

**connection parts**

artikel-nr: 20504
product-nr: 802150S

Profile connector 45 S
L=270 mm
for Mounting profile 45 incl. 4 self drilling screws SW8 6,0 x 25 mm
Outside dimensions: 22,3 x 22 mm

drawing number: 802150S A
material: EN AW 6063 / T66; A2-70

weight: 0,075 kg/Stk
packaging: 10 Stk. pro Karton / 3.360 Stk. pro Palette



connection parts

artikel-nr: 17418
product-nr: 802152S

Profile connector 65 S
L=400 mm
for Mounting profile 65 incl. 4 self drilling screws SW8 6,0 x 25 mm
Outside dimensions: 30 x 3 x 8,3 mm

drawing number: 802152S B
material: EN AW 6063 / T66; A2-70
weight: 0,248 kg/Stk
packaging: *10 Stk. pro Karton / 1.000 Stk. pro Palette



artikel-nr: 16417
product-nr: 802200

Cross connector 2.1
for Mounting profile 37, 45 and 65
inkl. Socket screw M8x30 with square nut
inkl. Socket screw M8x16 with threaded plate 28x15 and Tuflock

drawing number: 802200 A
material: EN AW 6063 / T66; A2-70
weight: 0,092 kg/Stk
packaging: 20 Stk. pro Karton / 2.800 Stk. pro Palette

**roof hooks**

artikel-nr: 17558
product-nr: 802413

Roof hook AL13
Plate: 115x100 mm
for Mounting profile 45
3x adjustable

drawing number: 802413 A
material: EN AW 6005 / T6; A2-70
weight: 0,714 kg/Stk
packaging: 20 Stk. pro Karton / 320 Stk. pro Palette



artikel-nr: 18265
product-nr: 802416

Roof hook ALS13
Plate: 115x100 mm
for higher snow loads and for Mounting profile 45
3x adjustable

drawing number: 802416 A
material: EN AW 7020 / T6; A2-70
weight: 0,714 kg/Stk
packaging: 20 Stk. pro Karton / 320 Stk. pro Palette



corrugated roof fastener

artikel-nr: 16425
product-nr: 802404

Hanger bolt M12x300 for fast mounting
M12x300
pre-assembled with 3 locking nuts and seal
with mounting plate for fast mounting

Note: Minimum thread 80 mm!



drawing number: 802404 A
material: A2-70; EN AW 6063 / T66; EPDM

weight: 35,400 kg/100 Stk.
packaging: 20 Stk. pro Karton; 1.000 Stk. pro Palette

artikel-nr: 18008
product-nr: 802408

Hanger bolt M10x250 for fast mounting
M10x250
pre-assembled with 3 locking nuts and seal
with mounting plate for fast mounting

Note: Minimum thread 60 mm!



drawing number: 802408 A
material: A2-70; EN AW 6063 / T66; EPDM

weight: 26,800 kg/100 Stk.
packaging: *20 Stk. pro Karton; 1.000 Stk. pro Palette

artikel-nr: 18010
product-nr: 802410

Hanger bolt M12x250 for fast mounting
M12x250
pre-assembled with 3 locking nuts and seal
with mounting plate for fast mounting

Note: Minimum thread 80 mm!



drawing number: 802410 A
material: A2-70; EN AW 6063 / T66; EPDM

weight: 35,000 kg/100 Stk.
packaging: *20 Stk. pro Karton; 1.000 Stk. pro Palette

metal sheet fastener

artikel-nr: 18099
product-nr: 800468

Hanger bolt set incl. twin mounting plate
2 x M12x300
pre-assembled with 3 locking nuts and seal
with mounting plate for fiber cement - shaft distance 177 mm
Note: Minimum thread 80 mm!



drawing number: 800468
material: A2-70; EN AW 6063 / T66; EPDM

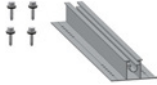
weight: 0,800 kg/Stk.
packaging: *10 Stk. pro Karton / 640 Stk. pro Palette

metal sheet fastener

artikel-nr: 17102
product-nr: 802445

Trapezoidal sheet bridge Plus
L=400 mm
Incl. EPDM rubber and incl. 4 pcs. self drillings screws with sealing washer
For sick distances from 100 - 333 mm

drawing number: 802445 D
material: EN AW 6063 / T66; A2-70; EPDM
weight: 0,359 kg/Stk
packaging: 25 Stk. pro Karton / 800 Stk. pro Palette

**standard parts/accessories**

artikel-nr: 15727
product-nr: 800611

Socket screw
M8x25
With hexagon socket and serration under head
SW6

drawing number: 800611 DIN 912
material: A2-70
weight: 1,450 kg/100 Stk.
packaging: 100 Stk.



artikel-nr: 15729
product-nr: 800613

Socket screw
M8x35
With hexagon socket and serration under head
SW6

drawing number: 800613 DIN 912
material: A2-70
weight: 1,800 kg/100 Stk.
packaging: 100 Stk.




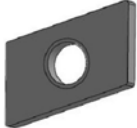


artikel-nr: 17248
product-nr: 800616

Socket screw
M8x50
With hexagon socket and serration und head
SW6

drawing number: 800616 DIN 912
material: A2-70
weight: 2,000 kg/100 Stk.
packaging: 100 Stk.



standard parts/accessories

artikel-nr: 15052 product-nr: 800634	Hexagon nut M10 with flange and serration	drawing number: material: weight: packaging:	800634 DIN 6923 A2-70 1,120 kg/100 Stk. 100 Stk.
			
artikel-nr: 14927 product-nr: 800637	Threaded plate type 28x15 M8	drawing number: surface: material: weight: packaging:	800637 with Precote 10-1 coating Stainless steel V2A 0,700 kg/100 Stk. 100 Stk.
			
artikel-nr: 15453 product-nr: 800646	Hammerhead screw M10x25	drawing number: material: weight: packaging:	800646 A2-70 1,990 kg/100 Stk. 100 Stk.
			
artikel-nr: 16531 product-nr: 800664	Flat head screw 8,0x120 TX40	drawing number: surface: material: weight: packaging:	800664 glide coating A2-70 2,600 kg/100 Stk. 100 Stk.
			

standard parts/accessories

artikel-nr: 16598
product-nr: 800665

Flat head screw
8,0x100
TX40

drawing number: 800665
surface: glide coating
material: A2-70
weight: 2,500 kg/100 Stk.
packaging: 100 Stk.



artikel-nr: 16596
product-nr: 802601

Shutter for Mounting profile 37/45
For mounting profile 45 (802100)
For mounting profile 37 (802105)

drawing number: 802601 MT0030246#1
material: PVC black
weight: 0,007 kg/Stk
packaging: 2.500 Stk. pro Karton

**special parts**

artikel-nr: 17990
product-nr: 90000-190

Flat roof support vertical
For vertical collector mounting, Adjustable 21°-45° (21, 30 or 45°), incl. loose 2x cross connector

drawing number: 90000-190
material: Aluminum; A2-70
weight:
packaging: 22 Stk. pro Palette






artikel-nr: 17991
product-nr: 90000-191

Flat roof support horizontal
For horizontal collector mountig, Adjustable 23°-45° (23, 30 or 45°), incl. loose 2x cross connector

drawing number: 90000-191
material: Aluminum, A2-70
weight:
packaging: 22 Stk. pro Palette



special parts

artikel-nr: 17992 product-nr: 90000-192	Stiffening cross adjustable incl. hexagon socket screw (800617) + hexagon socket nut (800656) M8 preassembled and 4x threaded plate (800637) + 4x hexagon socket screw (800617) enclosed loose	drawing number: 90000-192 material: Aluminium; A2-70 weight: packaging: 87 Stk. pro Palette
		
artikel-nr: 21453 product-nr: 90000-243	Flat roof support horizontal 60° incl. 2x cross-connector	drawing number: 90000-243 material: Aluminium, A2-70 weight: 2,310 kg/Stk packaging: * / 22 Stk. pro Palette
		
artikel-nr: 21451 product-nr: 90000-244	Flat roof support vertical 60° incl. 2x cross-connector	drawing number: 90000-244 material: Aluminium, A2-70 weight: 3,680 kg/Stk packaging: *
		
artikel-nr: 20501 product-nr: 90000-xxx	Middle clamp Thermie	drawing number: 90000-xxx material: to define acc. to the collector weight: packaging:
artikel-nr: 20502 product-nr: 90000-xxx	End clamp Thermie	drawing number: 90000-xxx material: to define acc. to the collector weight: packaging:
artikel-nr: 20503 product-nr: 90000-xxx	Slip guard Thermie	drawing number: 90000-xxx material: will be customized for the collector weight: packaging:

SOLAR.PRO.TOOL

TO PLAN SOLAR PROJECTS FAST AND PRECISE

The ALUMERO **SOLAR.PRO.TOOL** is a software for a simple registration and fast planning of **AEROCOMPACT-** and **AS 2.1-systems**. After collecting the project data you will get an automatically module plan with simulation of the shadowing, a workable CAD engineering plan, a list of the required material and a project report.

The results are based on the ALUMERO mounting system which you have chosen and on the therewith connected static calculations according to the EN standards.

With our new planning software SOLAR.PRO.TOOL the planning and static calculation of the mounting construction become a breeze for you.

YOUR BIG ADVANTAGE

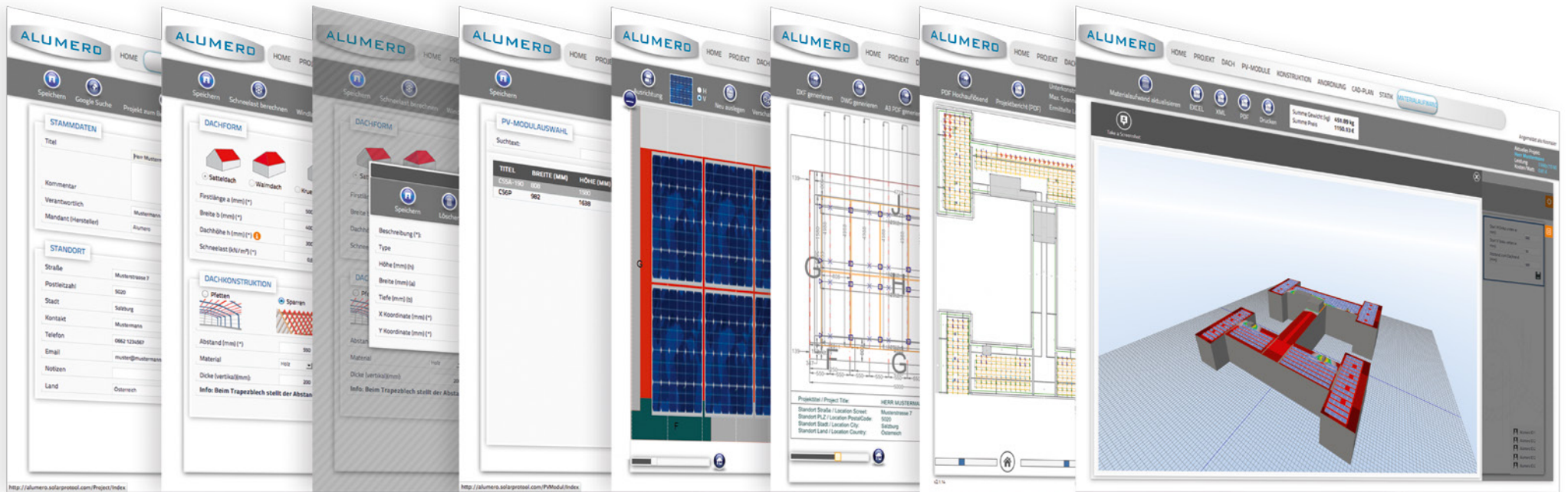
- + fast and easy data collection and project planning
- + proofable static according to EN norms for each project
- + individual planning and material list as output
- + layout and mounting plan
- + shading calculation
- + solar radiation simulation with Polysun
- + 3D view
- + roof data with Google Fast Draw
- + web application
- + central project management
- + save resources and minimize mistakes



PROJECT PLANNING IN 8 STEPS

- 1 Master data
- 2 Roof datas
- 3 Interfering areas
- 4 PV-modules
- 5 Engineering design
- 6 CAD plan
- 7 Structural calculation
- 8 Required material

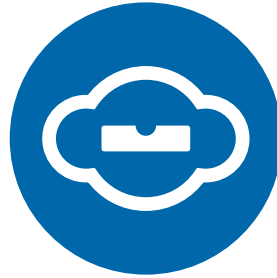
+ FAST
+ PROFESSIONAL
+ EFFECTIVE





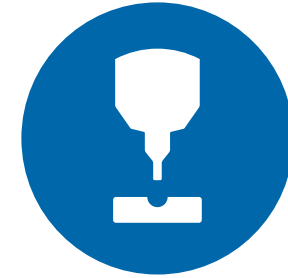
DEVELOPMENT AND ENGINEERING

Individual solutions in close cooperation with our customers are our task and obligation. From the idea to sketch and construction to the finished product we combine all our know-how for you.



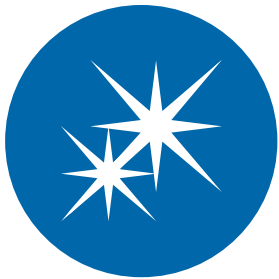
EXTRUSION

ALUMERO have specialized in the manufacture of high quality aluminium design profiles made from drawings. For every specific task and requirement we develop the most economical solutions.



PROFILE AND SHEET METAL WORKING

Specialised experts and state-of-the-art machines stand for quality. ALUMERO offers perfect possibilities for a flexible and powerful production.



SURFACE TECHNOLOGY

Professional surface refinement offers a perfect protection and an elegant design. Our extensive range of surface technologies opens a wide range of design possibilities.



WELDING TECHNOLOGY

Our team of qualified professionals, led by a qualified welding engineer, satisfies challenging demands by offering the highest quality.



ASSEMBLY PRODUCTION

We supply complete solutions in the frame and assembly production. Many years of experience in connection with modern technology enable us also to assemble complex, individual constructions.



WE ARE THERE BEFORE
THE OTHERS EVEN START.

ALUMERO GROUP

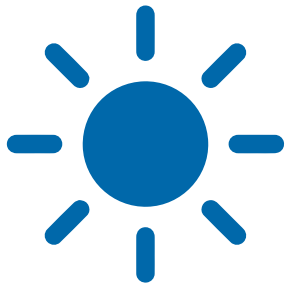
DESIGN, DEVELOPMENT, CONSTRUCTION UND PRODUCTION

ALUMERO is a specialist for tailor-made aluminium solutions. Thereby we can convince as a manufacturer of high-quality aluminium extrusion profiles and aluminium assemblies with mechanical processing, as well as system provider in the business areas solar and photovoltaic, furniture and kitchen industry, metal and façade structures, noise protection, fences, balconies, winter gardens, house doors and much more.

We create long-term solutions based on innovative ideas. We apply our comprehensive knowledge of products and production methods to all aspects of design and development.



ALIVE WITH ALUMINIUM



SOLAR



LIVING



INDUSTRY



BAUTEC / BMA

QUALITY

Quality is no coincidence. it a result of all the details that make a product so valuable, functional, technical, and make its shape pleasing to the eye.

- + modern quality management acc. to EN-ISO 9001:2008 standards
- + high-quality delivered products guarantee our success
- + customer-oriented quality agreements
- + TQM, from planning to purchasing to shipping

- + quality Management as an active and dynamic process
- + standard quality requirements for welding according to EN-ISO 3834-2
- + production of load-bearing structures according to EN 1090
- + time based business administration and agile process management



WWW.ALUMERO.COM

ALUMERO LOCATIONS

Our production facilities provide cost-effective product planning, consistently high product quality and reliable delivery schedules.



ALUMERO Finex Extrusions
Helmond, Netherlands



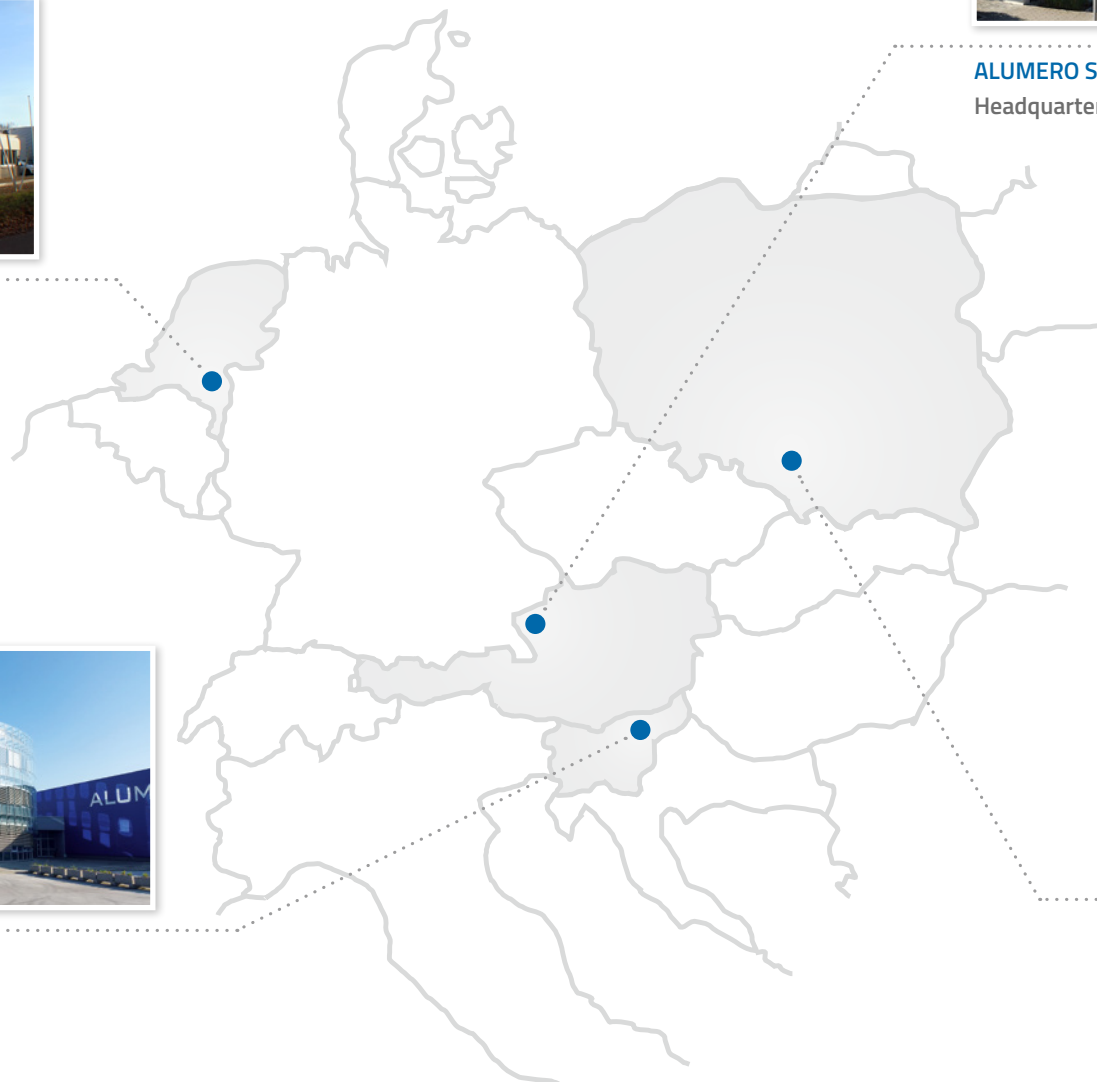
ALUMERO Systematic Solutions
Headquarter, Seeham, Austria

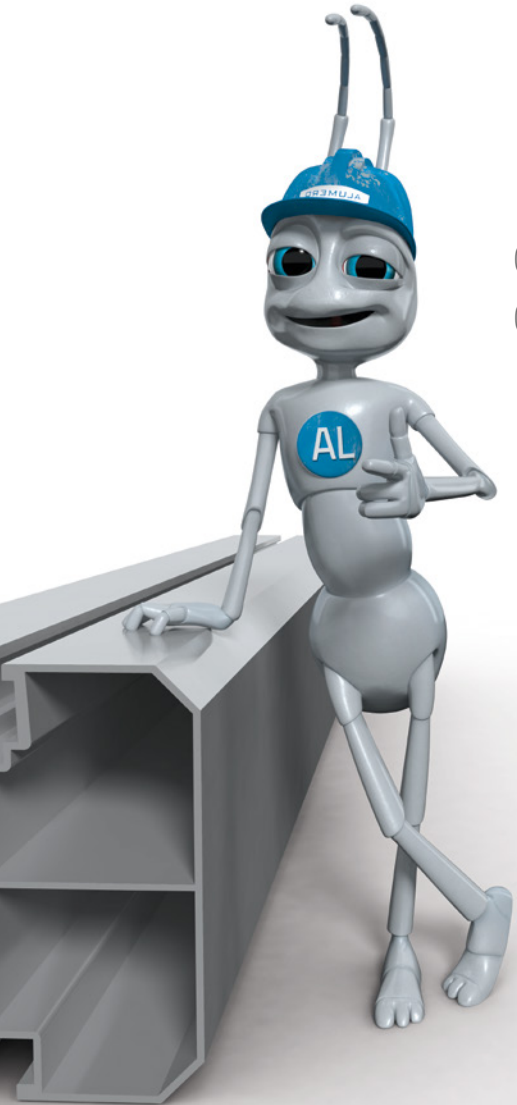


ALUMERO d.o.o.
Sl. Bistrica, Slovenia



ALUMERO Metal Components
Chorzów, Poland





QUALITY YOU
CAN BUILD ON.

WHY ALUMINIUM?

- + Low weight
(1/3 of the weight of steel)
- + Excellent material strength
- + Corrosion resistant
- + High class appearance
- + Easily reshaped
- + Easily processed
- + Extremely long life expectancy
- + reflects light
- + Good thermal conductor
- + Good electrical conductor
- + Environmentally friendly and recyclable

EXTREMELY LIGHT
& ULTRA-STABLE



8%

of the earth's crust is made up of aluminium.



THE „GREEN“ METAL

About 8% of the earth's crust is made up of different types of aluminium compounds. That makes aluminium one of the few raw materials with an almost unlimited supply.

Because of its material properties aluminium has low environmental impact, and it can be used time and time again for the same purposes.

The recycling of aluminium only requires 5% of the original energy input. The percentage of remelting aluminium is meanwhile globally at 35% of the yearly wastage, the trend is increasing. Aluminium is therefore correctly also in the future a material with future!

Aluminium is therefore correctly also in the future a material with future!

 klimabündnis



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HELMOND (NL)

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Finex Extrusions B.V.
Duizeldonksestraat 20
5705 CA Helmond, Netherlands

SL. BISTRICA (SL)

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