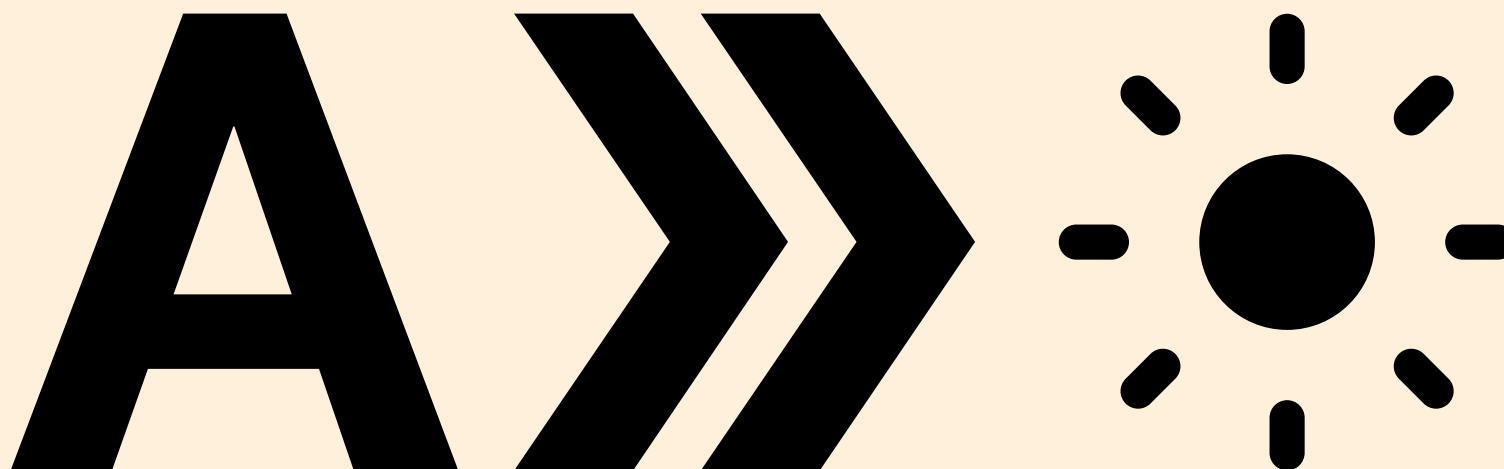


ALUMERO



EN

PRODUCT CATALOGUE SOLAR

SOLAR SYSTEMS & TECHNOLOGIES

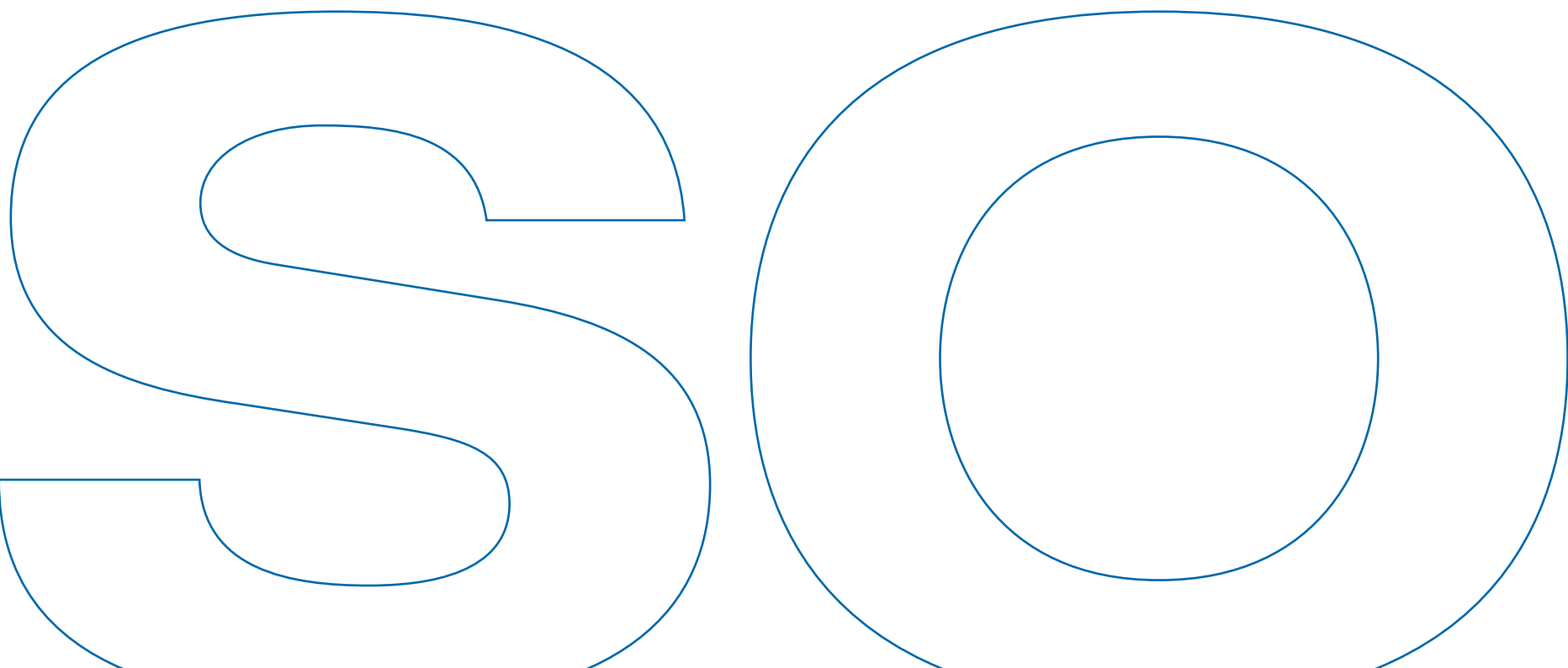
Renewable energy sources are not subject to availability restrictions and are key pillars of sustainable energy policy. Alumero has committed itself to such responsible policies and is working tirelessly and with absolute dedication on the development of new ideas and technologies.

ALUMERO is specialised in the production of formwork technology and mounting frames for photovoltaic and solar power systems, outdoor ground-mounted solutions, and ones for flat and for pitched roofs. Individual laminate and modular clamping technology and bespoke, non-standard solutions for customers are also well within our scope of expertise.

makes us .

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PITCHED ROOF AS 2.1

The innovative pitched roof mounting system

ALUMERO offers an affordable, simply and quickly assembled system for pitched roofs. AS 2.1 includes statically-optimised profiles and pre-assembled components. ALUMERO supports customers laying out the mounting system with ALUMERO.PRO.TOOL. The software creates project reports, part lists and testable structural statics for every project.

- + light and strong aluminium alloy
- + quick and easy mounting with pre-assembled components
- + extreme hold and stability due to innovative module clamps
- + statically tested components
- + recyclable and non-corrosive





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 bars)
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 bars)
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 bars)
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 bars)
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 bars)
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 bars)
Wx, Wy: 11797 mm², 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 bars)
Wx, Wy: 2023 mm², 1544 mm³

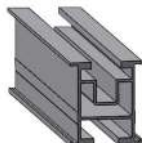


artikel-nr: 19686
product-nr: 802105-42

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 bars)
Wx, Wy: 2023 mm², 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 bars)
Wx, Wy: 2023 mm², 1544 mm²



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 bars)
Wx, Wy: 3007 mm², 1972 mm²



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 bars)



connection parts

artikel-nr: 16416
product-nr: 802150

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

drawing number: 802150 A
surface: mill finish

material: EN AW 6063 / T66
weight: 0,075 kg/Stk
packaging: 10 pcs. per box / 3.360 pcs. per pallet



artikel-nr: 20504
product-nr: 802150S

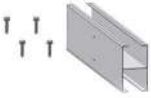
Profile connector 45 S
L=270mm
for Mounting profile 45 incl. 4 self drilling screws SW8 6,0 x 25 mm
Outside dimensions: 22,3 x 22 mm

drawing number: 802150S A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,075 kg/Stk
packaging: 10 pcs. per box / 3.360 pcs. per pallet



connection parts

artikel-nr: 16441 product-nr: 802152	Profile connector 65 L=400mm for Mounting profile 65 Outside dimensions: 30 x 3 x 58,3 mm	drawing number: surface:	802152 B mill finish
		material: weight: packaging:	EN AW 6063 / T66 0,220 kg/Stk 10 pcs. per box / 1.000 pcs. per pallet
			
artikel-nr: 17418 product-nr: 802152S	Profile connector 65 S L=400mm 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: surface:	802152S B mill finish
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,248 kg/Stk 10 pcs. per box / 1.000 pcs. per pallet
			
artikel-nr: 16446 product-nr: 802153	Profile connector 95 L=400mm for Mounting profile 95 Outside dimension: 51,1 x 91,3 mm	drawing number: surface:	802153 B mill finish
		material: weight: packaging:	EN AW 6063 / T66 0,453 kg/Stk 10 pcs. per box / 240 pcs. per pallet
			
artikel-nr: 17419 product-nr: 802153S	Profile connector 95 S L=400mm for Mounting profile 95 incl 4 pcs. self drilling screws SW8 5,5 x 25 Outside dimension: 51,1 x 91,3 mm	drawing number: surface:	802153S B mill finish
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,481 kg/Stk 10 pcs. per box / 240 pcs. per pallet
			

connection parts

artikel-nr: 17115
product-nr: 802154

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

drawing number:
surface:

802154 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66
0,345 kg/Stk
10 pcs. per box / 240 pcs. per pallet



artikel-nr: 18061
product-nr: 802154S

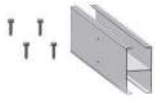
Profile connector 80 S
L=400mm
for Mounting profile 80 incl. 4 self drilling screws SW10 5,5 x 25 mm
Outside dimensions: 30 x 58,3 mm

drawing number:
surface:

802154S A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,345 kg/Stk
10 pcs. per box / 240 pcs. per pallet



artikel-nr: 23311
product-nr: 802155-B

Profile connector 37
L=200mm
for Mounting profile 37
Outside dimensions: 14,4 x 21,4 mm

drawing number:
surface:

802155-B B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66
0,051 kg/Stk
10 pcs. per box / 600 pcs. per pallet



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:
surface:

802200 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,092 kg/Stk
20 pcs. per box / 2.800 pcs. per pallet



connection parts

artikel-nr: 23903
product-nr: 802203

Cross connector TP95 2.1
for mounting profile 95; comes pre-mounted with screws and nuts

drawing number: 802203 B
material: Stainless steel 1.4016; A2-70
weight: 0,155 kg/Stk
packaging: 25 pcs. per carton



clamps

artikel-nr: 23068
product-nr: 802301-28-37V

Middle clamp for fast mounting 28-37
L= 50 mm
Incl. Opening-function
for Frame height 28-37mm
for Mounting profiles with threaded plate channel M8

drawing number: 802301-28-37V
surface: mill finished

material: EN AW 6063 / T66; A2-70
weight: 0,052 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallet



artikel-nr: 23069
product-nr: 802301-28-37V P1

Middle clamp for fast mounting 28-37 with Pin
L= 50 mm
Incl. Opening-function
for Frame height 28-37mm
for Mounting profiles with threaded plate channel M8

drawing number: 802301-28-37V P1
surface: mill finished

material: EN AW 6063 / T66; A2-70
weight: 0,053 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallet



artikel-nr: 23070
product-nr: 802301-38-47V

Middle clamp for fast mounting 38-47
L= 50 mm
Incl. Opening-function
for Frame height 38-47mm
for Mounting profiles with threaded plate channel M8

drawing number: 802301-38-47V
surface: mill finished

material: EN AW 6063 / T66; A2-70
weight: 0,054 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallet



clamps

artikel-nr: 23071
product-nr: 802301-38-47V P1

Middle clamp for fast mounting 38-47 with Pin
L= 50 mm
Incl. Opening-function
for Frame height 38-47mm
for Mounting profiles with threaded plate channel M8

drawing number:
surface:

802301-38-47V P1
mill finished

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0.055 kg/Stk
50 pcs. per box / 4.950 pcs. per pallet



artikel-nr: 23072
product-nr: 802301-48-50V

Middle clamp for fast mounting 48-50
L= 50 mm
Incl. Opening-function
for Frame height 48-50mm
for Mounting profiles with threaded plate channel M8

drawing number:
surface:

802301-48-50V
mill finished

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0.058 kg/Stk
50 pcs. per box / 4.950 pcs. per pallet



artikel-nr: 23073
product-nr: 802301-48-50V P1

Middle clamp for fast mounting 48-50 with Pin
L= 50 mm
Incl. Opening-function
for Frame height 48-50mm
for Mounting profiles with threaded plate channel M8

drawing number:
surface:

802301-48-50V P1
mill finished

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0.059 kg/Stk
50 pcs. per box / 4.950 pcs. per pallet



clamps

artikel-nr: 23061
product-nr: 802301C 30-45

Middle clamp Click 2.1 30-45
L= 50 mm
Incl. Opening-function and clamping element
For Frame sizes 30-45 mm and mounting profiles with threaded plate M8 channel

drawing number: 802301C 30-45
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,061 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallet



artikel-nr: 23064
product-nr: 802301C 33-50

Middle clamp Click 2.1 33-50
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 33-50
surface: mill finished

material: EN AW 6063 / T66; A2-70
weight: 0,063 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallet



artikel-nr: 23055
product-nr: 802301C P1 30-45

Middle clamp Click 2.1 30-45 with Pin
L= 50 mm
Incl. Opening-function and clamping element
For Frame sizes 30-45 mm and mounting profiles with threaded plate M8 channel

drawing number: 802301C P1 30-45
surface: mill finished

material: EN AW 6063 / T66; A2-70
weight: 0,061 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallet



artikel-nr: 23065
product-nr: 802301C P1 33-50

Middle clamp Click 2.1 33-50 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 33-50
surface: mill finished

material: EN AW 6063 / T66; A2-70
weight: 0,063 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallet



clamps

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

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

drawing number:
surface:

802304-30V A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,046 kg/Stk
20 pcs. per box / 7.000 pcs. per pallet



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

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

drawing number:
surface:

802304-30V P1
mill finish

material:
weight:
packaging:

EN AW / 6063 T66; A2-70
0,047 kg/Stk
20 pcs. per box / 7.000 pcs. per pallet



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

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

drawing number:
surface:

802304-31V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,046 kg/Stk
20 pcs. per box / 7.000 pcs. per pallet



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:
surface:

802304-31V P1
mill finish

material:
weight:
packaging:

EN AW / 6063 T66 ; A2-70
0,047 kg/Stk
20 pcs. per box / 7.000 pcs. per pallet



clamps

artikel-nr: 20263 product-nr: 802304-32V	End clamp for fast mounting 32 L=50mm Incl. Opening-function for Frame height 32 mm for Mounting profiles with threaded plate channel M8	drawing number: surface:	802304-32V mill finish
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,047 kg/Stk 20 pcs. per box / 7.000 pcs. per pallet
artikel-nr: 21548 product-nr: 802304-32V P1	End clamp 32 with Pin L=50mm Incl. Opening-function for Frame height 32 mm for Mounting profiles with threaded plate channel M8	drawing number: surface:	802304-32V P1 mill finish
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,048 kg/Stk 20 pcs. per box / 7.000 pcs. per pallet
artikel-nr: 18079 product-nr: 802304-33V	End clamp for fast mounting 33 L= 50mm Incl. Opening-function for Frame height 33 mm for Mounting profiles with threaded plate channel M8	drawing number: surface:	802304-33V A mill finish
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,048 kg/Stk 20 pcs. per box / 7.000 pcs. per pallet
artikel-nr: 21354 product-nr: 802304-33V P1	End clamp 33 with pin L= 50 mm Incl. Opening-function for Frame height 33 mm for Mounting profiles with threaded plate channel M8	drawing number: surface:	802304-33V P1 mill finish
		material: weight: packaging:	EN AW 6063 T66; A2-70 0,048 kg/Stk 20 pcs. per box / 7.000 pcs. per pallet

clamps

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

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

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

material: EN AW 6063 / T66; A2-70
weight: 0,048 kg/Stk
packaging: 20 pcs. per box / 7.000 pcs. per pallet



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:
surface: 802304-34V P1
mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,048 kg/Stk
packaging: 20 pcs. per box / 7.000 pcs. per pallet



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

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

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

material: EN AW 6063 / T66; A2-70
weight: 0,048 kg/Stk
packaging: 20 pcs. per box / 7.000 pcs. per pallet



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:
surface: 802304-35V P1
mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,048 kg/Stk
packaging: 20 pcs. per box / 7.000 pcs. per pallet



clamps

artikel-nr: 15789 product-nr: 802304-36V	End clamp for fast mounting 36 L=50mm Incl. Opening-function for Frame height 36 mm for Mounting profiles with threaded plate channel M8	drawing number: surface:	802304-36V B mill finish
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,049 kg/Stk 20 pcs. per box / 7.000 pcs. per pallet
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 pcs. per box / 7.000 pcs. per pallet
artikel-nr: 15790 product-nr: 802304-38V	End clamp for fast mounting 38 L=50mm 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 pcs. per box / 7.000 pcs. per pallet
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 pcs. per box / 7.000 pcs. per pallet

clamps

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

End clamp for fast mounting 40
L=50mm
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 pcs. per box / 7.000 pcs. per pallette



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; Place of Origin; Poland

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

material: EN AW 6063 / T66; A2-70
weight: 0,050 kg/Stk
packaging: 20 pcs. per box / 7.000 pcs. per pallette



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

End clamp for fast mounting 42
L=50mm
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 pcs. per box / 7.000 pcs. per pallette



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 pcs. per box / 7.000 pcs. per pallette



clamps

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:
surface:

802304-43V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,052 kg/Stk
20 pcs. per box / 7.000 pcs. per pallette



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:
surface:

802304-43V P1
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,051 kg/Stk
20 pcs. per box / 7.000 pcs. per pallette



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

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

drawing number:
surface:

802304-45V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,052 kg/Stk
20 pcs. per box / 7.000 pcs. per pallette



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:
surface:

802304-45V P1
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,052 kg/Stk
20 pcs. per box / 7.000 pcs. per pallette



clamps

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

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

drawing number:
surface:

802304-46V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,053 kg/Stk
20 pcs. per box / 7.000 pcs. per pallette



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; Place of Origin : Poland

drawing number:
surface:

802304-46V P1
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,053 kg/Stk
20 pcs. per box / 7.000 pcs. per pallette



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

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

drawing number:
surface:

802304-50V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,054 kg/Stk
20 pcs. per box / 7.000 pcs. per pallette



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:
surface:

802304-50V P1
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,055 kg/Stk
20 pcs. per box / 7.000 pcs. per pallette



clamps

artikel-nr: 23074 product-nr: 802391-28-37V	Middle clamp for fast mounting 28-37 black L= 50 mm Incl. Opening-function for Frame height 28-37mm for Mounting profiles with threaded plate channel M8	drawing number: surface:	802391-28-37V black anodized E6/C35
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,048 kg/Stk 50 pcs. per box / 4.950 pcs. per pallette
artikel-nr: 23075 product-nr: 802391-28-37V P1	Middle clamp for fast mounting 28-37 black with Pin L= 50 mm Incl. Opening-function for Frame height 28-37mm for Mounting profiles with threaded plate channel M8	drawing number: surface:	802391-28-37V P1 black anodized E6/C35
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,048 kg/Stk 50 pcs. per box / 4.950 pcs. per pallette
artikel-nr: 23076 product-nr: 802391-38-47V	Middle clamp for fast mounting 38-47 black L= 50 mm Incl. Opening-function for Frame height 38-47mm for Mounting profiles with threaded plate channel M8	drawing number: surface:	802391-38-47V black anodized E6/C35
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,054 kg/Stk 50 pcs. per box / 4.950 pcs. per pallette
artikel-nr: 23077 product-nr: 802391-38-47V P1	Middle clamp for fast mounting 38-47 black with Pin L= 50 mm Incl. Opening-function for Frame height 38-47mm for Mounting profiles with threaded plate channel M8	drawing number: surface:	802391-38-47V P1 black anodized E6/C35
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,054 kg/Stk 50 pcs. per box / 4.950 pcs. per pallette

clamps

artikel-nr: 23078
product-nr: 802391-48-50V

Middle clamp for fast mounting 48-50 black
L= 50 mm
Incl. Opening-function
for Frame height 48-50mm
for Mounting profiles with threaded plate channel M8

drawing number: 802391-48-50V
surface: black anodized E6/C35

material: EN AW 6063 / T66; A2-70
weight: 0,058 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallette



artikel-nr: 23079
product-nr: 802391-48-50V P1

Middle clamp for fast mounting 48-50 black with Pin
L= 50 mm
Incl. Opening-function
for Frame height 48-50mm
for Mounting profiles with threaded plate channel M8

drawing number: 802391-48-50V P1
surface: black anodized E6/C35

material: EN AW 6063 / T66; A2-70
weight: 0,058 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallette



artikel-nr: 23063
product-nr: 802391C 30-45

Middle clamp Click 2.1 30-45 black
L= 50 mm
Incl. Opening-function and clamping element
For Frame sizes 30-45 mm and mounting profiles with threaded plate M8 channel

drawing number: 802391C 30-45
surface: black anodized E6/C35

material: EN AW 6063 / T66; A2-70
weight: 0,061 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallette



artikel-nr: 23067
product-nr: 802391C 33-50

Middle clamp Click 2.1 33-50 black
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: 802391C 33-50
surface: black anodized E6/C35

material: EN AW 6063 / T66; A2-70
weight: 0,063 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallette



clamps

artikel-nr: 23062
product-nr: 802391C P1 30-45

Middle clamp Click 2.1 30-45 black with Pin
L= 50 mm
Incl. Opening-function and clamping element
For Frame sizes 30-45 mm and mounting profiles with threaded plate M8 channel

drawing number: 802391C P1 30-45
surface: black anodized E6/C35

material: EN AW 6063 / T66; A2-70
weight: 0,061 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallette



artikel-nr: 23066
product-nr: 802391C P1 33-50

Middle clamp Click 2.1 33-50 black 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: 802391C P1 33-50
surface: black anodized E6/C35

material: EN AW 6063 / T66; A2-70
weight: 0,063 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallette



artikel-nr: 18012
product-nr: 802394-30V

End clamp for fast mounting 30 black
L=50mm
Oberfläche schwarz eloxiert
inkl. Öffnungs-Funktion
Für Modulrahmenhöhe 30 mm
Für Trägerprofil mit Gewindeplattenkanal M8

drawing number: 802394-30V D
surface: anodized E6/C35; stainless steel A2-70

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



artikel-nr: 21375
product-nr: 802394-30V P1

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

drawing number: 802394-30V P1
surface: anodized E6/C35

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



clamps

artikel-nr: 21666
product-nr: 802394-32V

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

drawing number: 802394-32V
surface: anodized E6/C35; stainless steel A2-70

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



artikel-nr: 22611
product-nr: 802394-32V P1

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

drawing number: 802394-32V P1
surface: anodized E6/C35

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



artikel-nr: 17870
product-nr: 802394-35V

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

drawing number: 802394-35V D
surface: anodized E6/C35; stainless steel A2-70

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



clamps

artikel-nr: 21372
product-nr: 802394-35V P1

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

drawing number:
surface:

802394-35V P1
anodized E6/C35

material:
weight:
packaging:

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



artikel-nr: 18002
product-nr: 802394-38V

End clamp for fast mounting 38 black
L=50mm
Oberfläche schwarz eloxiert
inkl. Öffnungs-Funktion
Für Modulrahmenhöhe 38 mm
Für Trägerprofil mit Gewindeplattenkanal M8

drawing number:
surface:

802394-38V D
anodized E6/C35; stainless steel A2-70

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,050 kg/Stk
*20 Stk.



artikel-nr: 21370
product-nr: 802394-38V P1

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

drawing number:
surface:

802394-38V P1
anodized E6/C35

material:
weight:
packaging:

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



clamps

artikel-nr: 17871
product-nr: 802394-40V

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

drawing number: 802394-40V D
surface: anodized E6/C35; stainless steel A2-70

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



artikel-nr: 21369
product-nr: 802394-40V P1

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

drawing number: 802394-40V P1
surface: anodized E6/C35

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



artikel-nr: 18003
product-nr: 802394-42V

End clamp for fast mounting 42 black
L=50mm
Oberfläche schwarz eloxiert
inkl. Öffnungs-Funktion
Für Modulrahmenhöhe 42 mm
Für Trägerprofil mit Gewindeplattenkanal M8

drawing number: 802394-42V D
surface: anodized E6/C35; stainless steel A2-70

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



clamps

artikel-nr: 21368
product-nr: 802394-42V P1

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

drawing number: 802394-42V P1
surface: anodized E6/C35

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



roof hooks

artikel-nr: 15560
product-nr: 800423

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: 800423 A
material: stainless steel 1.4301

weight: 0,391 kg/Stk
packaging: 1.500 pcs. per palette



artikel-nr: 15441
product-nr: 800425

Roof hook Biberschwanz
Stem: 30x5
To be used with metal tile (800666)

drawing number: 800425 A
material: stainless steel 1.4301
weight: 0,520 kg/Stk
packaging: 1.000 pcs. per palette



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 pcs. per box / 240 pcs. per palette



roof hooks

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 pcs. per box / 240 pcs. per pallette



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
surface: pressblank

material: EN AW 6005 / T6; A2-70
weight: 0,643 kg/Stk
packaging: 20 pcs. per box / 320 pcs. per pallette



artikel-nr: 17558
product-nr: 802413

Roof hook AL13
Plate: 115x100 mm
for Mounting profile 37/45
3x adjustable

drawing number: 802413 A
surface: pressblank

material: EN AW 6005 / T6; A2-70
weight: 0,705 kg/Stk
packaging: 20 pcs. per box / 320 pcs. per pallette



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
surface: pressblank

material: EN AW 6005 / T6; A2-70
weight: 0,800 kg/Stk
packaging: 20 pcs. per box / 320 pcs. per pallette



roof hooks

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: surface:	802416 A pressblank
		material: weight: packaging:	EN AW 7020 / T6; A2-70 0,714 kg/Stk 20 pcs. per box / 320 pcs. per pallette
artikel-nr: 20836 product-nr: 802418	Roof hook AL UK SLIM Platte: 115x100mm	drawing number: surface: material: weight: packaging:	802418 pressblank EN AW 6005 / T66; A2-70 0,542 kg/Stk 20 Stk. pro Karton / 320 Stk. pro Palette
			
artikel-nr: 24302 product-nr: 802419	Roof hook AL SLIM Low Plate: 115x100 mm for Mounting profile 37/45 3x adjustable Roof hook optimized for low roof battens	drawing number: surface:	802419 pressblank
		material: weight: packaging:	EN AW 6005 / T66; A2-70 0,564 kg/Stk 20 Stk. pro Karton / 320 Stk. pro Palette
artikel-nr: 22958 product-nr: 802420	Roof hook ALS13 X Plate: 115x100 mm Pre-assembled to mount profil 37/45 at higher snow loads 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: surface:	802420 A pressblank
		material: weight: packaging:	EN AW 7020 T6; EN AW 6005 T6; A2-70 0,800 kg/Stk 20 pcs. per box / 320 pcs. per pallette

roof hooks

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:

802423 A
stainless steel 1.4301, EN AW 6063 / T66

weight:
packaging:

0,520 kg/Stk
20 Stk. / Karton



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:
material:
weight:
packaging:

802425 A
stainless steel, EN AW 6063 / T66
0,650 kg/Stk
20 pcs.



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:
material:

802605 A
1.4016

weight:
packaging:

0,071 kg/Stk
*20 pcs. per box / 720 pcs. per pallet



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:
material:

802606 A
1.4016

weight:
packaging:

0,107 kg/Stk
100 pcs. per box



roof hooks

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 pcs. per box



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 pcs. per box



corrugated roof fastener

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

Fast mounting plate 2.1 M10
pre-mounted with fast mounting plate 2.1, which allows a quick and easy connection to mounting profiles 37-45

drawing number: 800462-10 A
material: EN AW 6063 / T66; A2-70
weight: 0,116 kg/Stk
packaging: 20 pcs. per box / 1.540 pcs. per pallette



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

Fast mounting plate 2.1 M12
pre-mounted with fast mounting plate 2.1, which allows a quick and easy connection to mounting profiles 37-45

drawing number: 800462-12 A
material: EN AW 6063 / T66; A2-70
weight: 0,116 kg/Stk
packaging: 20 pcs. per box / 1.540 pcs. per pallette



corrugated roof fastener

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 pcs. per box

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 pcs. per box

artikel-nr: 22752
product-nr: 800470



Solar fastener
BZ-8,0x150/70 FZD
for steel substructures with captive sealing washer for corrugated fiber cement slabs
without mounting plate

drawing number: 800470 A
material: stainless steel V2A, EPDM

weight:
packaging: 50 pcs. per box

artikel-nr: 16424
product-nr: 802403



Hanger bolt M10x200 for fast mounting
M10x200
pre-assembled with 3 locking nuts and seal
with fast mounting plate 2.1, which allows a quick and easy connection to mounting profiles 37-65

Note: Minimum thread 60 mm!

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

weight: 22,800 kg/100 Stk.
packaging: 20 per box / 1.000 pcs. per pallette

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 fast mounting plate 2.1, which allows a quick and easy connection to mounting profiles 37-65

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 pcs. per box / 1.000 pcs. per pallette



artikel-nr: 16599
product-nr: 802405

Hanger bolt M12x200 for fast mounting
M12x200
pre-assembled with 3 locking nuts and seal
with fast mounting plate 2.1, which allows a quick and easy connection to mounting profiles 37-65

Note: Minimum thread 80 mm!

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

weight: 28,300 kg/100 Stk.
packaging: 20 pcs. per box / 1.000 pcs. per pallette



artikel-nr: 18008
product-nr: 802408

Hanger bolt M10x250 for fast mounting
M10x250
pre-assembled with 3 locking nuts and seal
with fast mounting plate 2.1, which allows a quick and easy connection to mounting profiles 37-65

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 pcs. per box / 1.000 pcs. per pallette



artikel-nr: 18009
product-nr: 802409

Hanger bolt M10x300 for fast mounting
M10x300
pre-assembled with 3 locking nuts and seal
with fast mounting plate 2.1, which allows a quick and easy connection to mounting profiles 37-65

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 pcs. per box / 1.000 pcs. per pallette



corrugated roof fastener

artikel-nr: 18010
product-nr: 802410



Hanger bolt M12x250 for fast mounting
M12x250
pre-assembled with 3 locking nuts and seal
with fast mounting plate 2.1, which allows a quick and easy connection to mounting profiles 37-65

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 pcs. per box / 1.000 pcs. per pallette

artikel-nr: 23711
product-nr: 802458



Solar fastener 2.1 8,0x 80/70
8,0x80/70 FZD
pre-assembled with 3 locking nuts and seal.
With fast mounting plate 2.1, which allows a quick and easy connection to mounting profile 37-45

Note: Usable only for steel substructure!

drawing number: 802458
material: stainless steel V2A; EN AW 6063 / T66; EPDM

weight: 0,178 kg/100 Stk.
packaging: 20 Stk. pro Karton; 1.000 Stk. pro Palette

artikel-nr: 23714
product-nr: 802459



Solar fastener 2.1 8,0x 100/70
8,0x100/70 FZD
pre-assembled with 3 locking nuts and seal.
With fast mounting plate 2.1, which allows a quick and easy connection to mounting profile 37-45

Note: Usable only for steel substructure!

drawing number: 802459
material: stainless steel V2A; EN AW 6063 / T66; EPDM

weight: 18,400 kg/100 Stk.
packaging: 20 Stk. pro Karton; 1.000 Stk. pro Palette

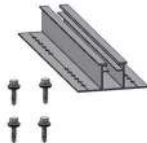
artikel-nr: 17478
product-nr: 802499



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: 18062 product-nr: 800467	Clamp Zambelli 500 Typ 2	drawing number: material: weight: packaging:	800467 Index a Stainless steel 1.4301 0,188 kg/Stk 50 pcs. per box
			
artikel-nr: 18099 product-nr: 800468	Hanger bolt set incl. twin mounting plate 2x 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: material: weight: packaging:	800468 A2-70; EN AW 6063 / T66; EPDM 0,800 kg/Stk 10 pcs. per box / 640 pcs. per pallette
			
artikel-nr: 17101 product-nr: 802440	Trapezoidal bridge 2.1 L=400mm Incl. EPDM rubber and incl. 4 pcs. self drillings screws with sealing washer For sick distances from 100 - 333 mm , place of Origin: Poland	drawing number: surface: material: weight: packaging:	802440 D mill finish EN AW 6063 / T66; A2-70; EPDM 0,269 kg/Stk 25 pcs. per box / 800 pcs. per pallette
			
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 ; Place of Origin: Poland	drawing number: surface: material: weight: packaging:	802441 B mill finish EN AW 6063 / T66; A2-70; EPDM 0,180 kg/Stk 25 pcs. per box / 800 pcs. per pallette
			

metal sheet fastener

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 JF3-2-5,5x25-E11 (800658-1)

drawing number: 802442 B
surface: pressblank
material: EN AW 6063 / T66; A2-70; EPDM
weight: 0,050 kg/Stk
packaging: 100 pcs. per box / 6.000 pcs. per pallette



artikel-nr: 22736
product-nr: 802443

Trapezoidal short rail 2.1 T
L = 150mm
Incl. premounted EPDM rubber and incl. 2 pcs. roof mountig screws EJOT JF3-2-5,5x25-E11 (800658-1)

drawing number: 802443 A
surface: pressblank
material: EN AW 6063 / T66; A2-70; EPDM
weight: 0,078 kg/Stk
packaging: 100 pcs. per box / 6.000 pcs. per pallette



artikel-nr: 23866
product-nr: 802444

Trapezoidal short rail 2.1 Click
L = 150mm
Fixation of framed PV-modules is possible only with Alumero Click 2.1-Clamps!
Incl. premounted EPDM rubber and incl. 2 pcs. roof mountig screws EJOT JF3-2-5,5x25-E11 (800658-1)

drawing number: 802444 A
surface: pressblank
material: EN AW 6063 / T66; A2-70; EPDM
weight: 0,091 kg/Stk
packaging: 100 Stk. pro Karton / 6.000 Stk. pro Palette



artikel-nr: 17102
product-nr: 802445

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

drawing number: 802445 D
surface: pressblank
material: EN AW 6063 / T66; A2-70; EPDM
weight: 0,359 kg/Stk
packaging: 25 pcs. per box / 800 pcs. per pallette



metal sheet fastener

artikel-nr: 17103
product-nr: 802446

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

drawing number: 802446 A
surface: pressblank
material: EN AW 6063 / T66
weight: 0,082 kg/Stk
packaging: 10 pcs. per box / 990 pcs. per pallette



artikel-nr: 17104
product-nr: 802447

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

drawing number: 802447 A
surface: pressblank
material: EN AW 6063 / T66
weight: 0,152 kg/Stk
packaging: 10 pcs. per box / 480 pcs. per pallette



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: 250 Stk. im Karton



artikel-nr: 17919
product-nr: 802449

Trapezoidal bridge Plus S
L=400mm
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
surface: pressblank

material: EN AW 6063 / T66; EPDM
weight: 0,359 kg/Stk
packaging: *25 pcs. per box / 800 pcs. per pallette



metal sheet fastener

artikel-nr: 24301
product-nr: 802450

Trapezoidal bridge 2.1 N 400
L=400mm
Incl. EPDM rubber and incl. 4 pcs. Blind Rivet Solargrip-ASO-D-48120-DS
For sick distances from 100 - 333 mm

drawing number: 802450 A
surface: mill finished

material: EN AW 6063 / T66; A2-70; EPDM
weight: 0,267 kg/Stk
packaging: 25 Stk. pro Karton / 800 Stk. pro Palette



artikel-nr: 24300
product-nr: 802451

Trapezoidal bridge 2.1 N 250
L= 250 mm
Incl. EPDM rubber and incl. 4 pcs. Blind Rivet Solargrip-ASO-D-48120-DS
For sick distances from 100 - 207 mm

drawing number: 802451 A
surface: mill finish

material: EN AW 6063 / T66; A2-70; EPDM
weight: 0,166 kg/Stk
packaging: 25 Stk. pro Karton / 800 Stk. pro Palette



artikel-nr: 23181
product-nr: 802460

Round seam clamp 2.1 TPF
pre-mounted with fast mounting plate 2.1, which allows a quick and easy connection to mounting profiles 37-45

drawing number: 802460 A
surface: mill finish
material: EN AW 6063 / T66; A2-70
weight: 0,268 kg/Stk
packaging: 50 pcs. per box / 450 pcs. per pallet



artikel-nr: 23187
product-nr: 802461

Round seam clamp 2.1 TPK
pre-assembled with trapezoidal sheet short rail, which allows a quick, direct and horizontal modul

drawing number: 802461 A
surface: mill finish
material: EN AW 6063 / T66; A2-70
weight: 0,156 kg/Stk
packaging: 50 pcs. per box / 600 pcs. per pallet



metal sheet fastener

artikel-nr: 23188
product-nr: 802462

Angled standing seam clamp 2.1 TPF
fast mounting with mounting plate 2.1, which allows a quick and easy connection to mounting profiles 37-65

drawing number: 802462 B
surface: mill finish
material: EN AW 6063 / T66; A2-70
weight: 0,221 kg/Stk
packaging: 50 Stk. pro Karton / 1.200 Stk. pro Palette



artikel-nr: 23189
product-nr: 802463

Angled standing seam clamp 2.1 TBK
pre-assembled with trapezoidal sheet short rail, which allows a quick, direct and horizontal modul

drawing number: 802463 B
surface: mill finished
material: EN AW 6063 / T66; A2-70
weight: 0,162 kg/Stk
packaging: 50 Stk. im Karton / 1.800 Stk. pro Palette



artikel-nr: 23250
product-nr: 802466

Double seam clamp 2.1 TPF
fast mounting with mounting plate 2.1, which allows a quick and easy connection to mounting profile 37-45

drawing number: 802466 A
surface: mill finish
material: EN AW 6063 / T66; A2-70
weight: 0,146 kg/Stk
packaging:



artikel-nr: 23251
product-nr: 802467

Double seam clamp 2.1 TBK
pre-assembled with trapezoidal sheet short rail, which allows a quick, direct and horizontal modul

drawing number: 802467 A
surface: mill finish
material: EN AW 6063 / T66; A2-70
weight: 0,100 kg/Stk
packaging: 50 Stk. im Karton / 1.800 Stk. pro Palette



metal sheet fastener

artikel-nr: 24323
product-nr: 802469

Seam clamp 2.1 RD-80 TPF

Seam clamp for roofs like Domico GBS, Ribroof 465 etc.
fast mounting with mounting plate 2.1, which allows a quick and easy connection to mounting profile 37-45

drawing number:
surface:

802469 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,261 kg/Stk



artikel-nr: 24325
product-nr: 802471

Seam clamp 2.1 K15 TPF

Seam clamp for roofs like Domitec, Klip-Lok 406, etc.
fast mounting with mounting plate 2.1, which allows a quick and easy connection to mounting profile 37-45

drawing number:
surface:

802471 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,220 kg/Stk



standard parts/accessories

artikel-nr: 15726
product-nr: 800610

Socket screw

M8x20
With hexagon socket and serration under head
SW6

drawing number:
material:

800610 DIN912
A2-70

weight:
packaging:

1,310 kg/100 Stk.
100 pcs.



artikel-nr: 15729
product-nr: 800613

Socket screw

M8x35
With hexagon socket and serration under head
SW6

drawing number:
material:

800613 DIN 912
A2-70

weight:
packaging:

1,800 kg/100 Stk.
100 pcs.



standard parts/accessories

artikel-nr: 16908
product-nr: 800627

Hexagon screw
M10x45
Threaded up to the head
SW17

drawing number:
material:

800627 DIN 933
A2-70

weight:
packaging:

2,000 kg/100 Stk.
100 pcs.



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 pcs.



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 pcs.



artikel-nr: 15453
product-nr: 800646

Hammerhead screw
M10x25

drawing number:
material:
weight:
packaging:

800646
A2-70
1,990 kg/100 Stk.
100 pcs.



standard parts/accessories

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

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 pcs.



artikel-nr: 22840
product-nr: 800658-1

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

drawing number: 800658-1
material: A2-70 with hardened drill bit, SW8
weight: 0,870 kg/100 Stk.
packaging: 100 pcs.



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 pcs.



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 pcs.



standard parts/accessories

artikel-nr: 16895 product-nr: 800667	Flat head screw 8,0x140 TX40	drawing number: surface: material: weight: packaging:	800667 glide coating A2-70 2,800 kg/100 Stk. 100 pcs.
			
artikel-nr: 16896 product-nr: 800668	Flat head screw 8,0x160 TX40	drawing number: surface: material: weight: packaging:	800668 glide coating A2-70 2,900 kg/100 Stk. 100 pcs.
			
artikel-nr: 16897 product-nr: 800669	Flat head screw 8,0x200 TX40	drawing number: surface: material: weight: packaging:	800669 glide coating A2-70 3,200 kg/100 Stk. 100 pcs.
			
artikel-nr: 16900 product-nr: 800670	Flat head screw 8,0x180 TX40	drawing number: surface: material: weight: packaging:	800670 glide coating A2-70 3,000 kg/100 Stk. 100 pcs.
			

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: 800706
material: PA 66, UV resistant

weight: 0,300 kg/100 Stk.
packaging: 100 pcs. per bag / 4.000 pcs. per box



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 pcs. per box



artikel-nr: 16709
product-nr: 802602

Round wire
8 mm
For Grounding

drawing number: 802602 A
material: EN AW 6101 semi-hard
weight: 0,136 kg/mtr
packaging: *In Coils a 20 kg (ca. 148 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: 802603 A
material: VA; A2-70
weight: 0,072 kg/Stk
packaging: 30 pcs. per box / 8.820 pcs. per pallette



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 pcs. per box / 2.500 pcs. per pallette



artikel-nr: 24308
product-nr: 802609

Shutter for Mounting profile 65
For mounting profile 65 (802102)

drawing number: 802609 MT0030269#1
material: PVC black
weight: 0,012 kg/Stk
packaging: 1.250 Stk. / Karton



special parts

artikel-nr: 19161
product-nr: 800301P

Earthing plate for Middle clamp
L=66mm B=35mm
to implement the Modules in the grounding
For Middle clamps with L= 50 mm and W= 20 mm

drawing number: 800301P B
material: stainless steel 1.4301

weight: 0,300 kg/100 Stk.
packaging: 100 pcs. per box / 4.200 pcs. per pallette



Various Solar Articles

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:



FLAT ROOF AC 2.1

Aerodynamic frame for flat roofs

On top of the simplicity and reliability our customers expect, this latest version is mounted with a larger gap to the roofing to allow optimum water drainage, compensate roof unevenness and simplify cable management. Additional ballast trays are compatible with the entire range of systems. Where high winds are an issue, extra ballast can be added, and the burden on all points of contact to the roof surface is distributed evenly. The row distancing remains optimised for an 18° shade angle, and now there's another version optimised for 25° insolation. Furthermore, structure-protective polyester fleece mats with a special adhesive provide additional grip and guarantee material compatibility on a whole range of roof foils.

- + quickly and simply installed - 1 kWp in 5 minutes with 2 people
- + larger gap to roof surface
- + new ballast tray compatible with all systems
- + the row distancing optimised for 18° and 25° shade angles
- + structure-protective polyester fleece mats with special adhesion
- + few individual components
- + Corrosion resistant
- + optimal drainage
- + Wind tunnel tested and statically inspected
- + inspected according to 'Fire Test' UL1703 and the IEC 61215 (TÜV-Rheinland) stress test

Technical data

2.1S

2.1+

Applications:	Foil bitumen roofs, concrete roofs (can be adapted for gravel and greened roofs on request)	
Module dimensions:	950 - 1150 mm x 1500 - 2250 (width x length)	
Module tilt:	10° & 15° (south-facing)	10° (east/west-facing)
Row distancing:	18° shade angle 527 mm 25° shade angle 380 mm	18° shade angle 464 mm 25° shade angle 297 mm
Distance to roof surface:	Approx. 60 mm	
Distance to roof edge:	1200mm, F & G areas of the roof can be covered according to EN 1991-1-4 (minimum gap to edge 600mm)	
Building height:	25m (adaptions on request)	
Roof gradient:	Up to 5° possible without a roof anchor depending on roof conditions, over 5° with roof anchor only	
Maximum field size:	12 x 10 rows, 120 modules	12 x 8 double modules, 192 modules
Minimum field size:	2 rows each with 2 modules	2 rows each with 2 double modules
Wind load:	Suction load up to 2.4 kN/m²	
Snow load:	Standard up to 2.4 kN/m², alpine version up to 4.4 kN/m²	
Structural statics:	Software-supported data based on wind tunnel tests	
Roof conditions:	The building owner must establish the static load capacity of the roof construction, the building's load-bearing structures, and the weight tolerance of the heat insulation.	
Substructure material:	Aluminium EN AW 6060; sheets made of steel with aluminium & zinc coating; small parts made of stainless steel A2-70; polyester fleece structure-protective mat	
Accessories:	Alpine terrain supports, ballast trays, earthing clamps for electrical bonding, connector for attachment to the roof	
Transport volume:	Approx. 40 kW per pallet; 700 kW per HGV	



2.1S



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: 100pcs. per box



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 pcs. per box



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 pcs. per bag / 4.000 pcs. per box



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 pcs. per bag / 10.000 pcs. per box



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 pcs. per box



artikel-nr: 19073
product-nr: 823002-24

Flat washer M8
ID 8,4 ; AD 24x2
Place of Origin: Germany

drawing number: 823002-24
material: Stainless steel A2-70
weight: 0,600 kg/100 Stk.
packaging: 100 pcs. per box



artikel-nr: 22637
product-nr: 823002-28

Flat washer M8
9x28x3 DIN 440 Form R
place of origin : Poland

drawing number: 823002-28 0440290
material: A2
weight:
packaging: 100 pcs. per box



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 pcs. per box



aerocompact

artikel-nr: 23987
product-nr: 706051-1800-A

S05WD-1800 Windsheet 5°
Length 1.800 mm, Thickness: 0,6 mm
For module lengths from 1.500 mm to 1.750 mm.
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.
customs tariff number: 73269098; Place of Origin: Italy

drawing number: 706051-1800-A A
surface: mill finish

material: DX51D galvanized
weight: 0,750 kg/Stk
packaging: 1.200 pcs per pallet



artikel-nr: 23989
product-nr: 706051-2050-A

S05WD-2050 Windsheet 5°
Length 2.050 mm, Thickness: 0,6 mm
For module lengths from 1.751 mm to 2.000 mm.
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.
customs tariff number: 73269098; Place of Origin: Italy

drawing number: 706051-2050-A A
surface: mill finish

material: DX51D galvanized
weight: 0,850 kg/Stk
packaging: 1.200 pcs per pallet



artikel-nr: 23990
product-nr: 706051-2300-A

S05WD-2300 Windsheet 5°
Length 2.300 mm, Thickness: 0,6 mm
For module lengths from 2.001 mm to 2.250 mm.
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.
customs tariff number: 73269098; Place of Origin: Italy

drawing number: 706051-2300-A A
surface: mill finish

material: DX51D galvanized
weight: 0,960 kg/Stk
packaging: 1.200 pcs per pallet



artikel-nr: 23905
product-nr: 706101-1800-A

S10WD-1800 Windsheet 10°
Length 1.800 mm, Thickness: 0,6 mm
For module lengths from 1.500 mm to 1.750 mm.
A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.
customs tariff number: 73269098; Place of Origin: Italy

drawing number: 706101-1800-A A
surface: mill finish

material: DX51D galvanized
weight: 1,740 kg/Stk
packaging: 600 pcs per pallet



aerocompact

artikel-nr: 23992
product-nr: 706101-2050-A

S10WD-2050-Windsheet 10°

Length 2.050 mm, Thickness: 0,6 mm

For module lengths from 1.751 mm to 2.000 mm.

A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.

customs tariff number: 73269098; Place of Origin: Italy

drawing number:
surface:

706101-2050-A A
mill finish

material:
weight:
packaging:

DX51D galvanized
1,980 kg/Stk
600 pcs per pallet



artikel-nr: 23993
product-nr: 706101-2300-A

S10WD-2300 Windsheet 10°

Length 2.300 mm, Thickness: 0,6 mm

For module lengths from 2.001 mm to 2.250 mm.

A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.

customs tariff number: 73269098; Place of Origin: Italy

drawing number:
surface:

706101-2300-A A
mill finish

material:
weight:
packaging:

DX51D galvanized
2,230 kg/Stk
600 pcs per pallet



artikel-nr: 23906
product-nr: 706151-1800-A

S15WD-1800 Windsheet 15°

Length 1.800 mm, Thickness: 0,6 mm

For module lengths from 1.500 mm to 1.750 mm.

A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.

customs tariff number: 73269098; Place of Origin: Italy

drawing number:
surface:

706151-1800-A A
mill finish

material:
weight:
packaging:

DX51D galvanized
2,490 kg/Stk
380 pcs per pallet



aerocompact

artikel-nr: 23994
product-nr: 706151-2050-A

S15WD-2050 Windsheet 15°

Length 2.050 mm, Thickness: 0,6 mm

For module lengths from 1.751 mm to 2.000 mm.

A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.

customs tariff number: 73269098; Place of Origin: Italy

drawing number:
surface:

706151-2050-A A
mill finish

material:
weight:
packaging:

DX51D galvanized
2,840 kg/Stk
380 pcs per pallet



artikel-nr: 23995
product-nr: 706151-2300-A

S15WD-2300 Windsheet 15°

Length 2.300 mm, Thickness: 0,6 mm

For module lengths from 2.001 mm to 2.250 mm.

A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.

customs tariff number: 73269098; Place of Origin: Italy

drawing number:
surface:

706151-2300-A A
mill finish

material:
weight:
packaging:

DX51D galvanized
3,190 kg/Stk
380 pcs per pallet



artikel-nr: 24176
product-nr: 706000-880 A

BT-880 Ballast Tray

Length 880 mm, Thickness: 0,6 mm

A weather-related visual change of the material represents no damage and is therefore excluded from the warranty.

customs tariff number: 73269098; Place of Origin: Italy

drawing number:
surface:

706000-880 A
mill finish

material:
weight:
packaging:

DX51D galvanized
1,510 kg/Stk



artikel-nr: 23904 product-nr: 706001-1800-A	BT-1800 Ballast Tray Length 1775 mm, Thickness: 0,6 mm For module lengths from 1.500 mm to 1.750 mm. A weather-related visual change of the material represents no damage and is therefore excluded from the warranty. customs tariff number: 73269098; Place of Origin: Italy	drawing number: surface:	706001-1800-A A mill finish
		material: weight: packaging:	DX51D galvanized 3,180 kg/Stk 160 pcs per pallet
artikel-nr: 23988 product-nr: 706001-2050-A	BT-2050 Ballast Tray Length 2.050 mm, Thickness: 0,6 mm For module lengths from 1.751 mm to 2.000 mm. A weather-related visual change of the material represents no damage and is therefore excluded from the warranty. customs tariff number: 73269098; Place of Origin: Italy	drawing number: surface:	706001-2050-A A mill finish
		material: weight: packaging:	DX51D galvanized 3,650 kg/Stk 160 pcs per pallet
artikel-nr: 23991 product-nr: 706002-2300-A	BT-2300 Ballast Tray Length 2.300 mm, Thickness: 0,6 mm For module lengths from 2.001 mm to 2.250 mm. A weather-related visual change of the material represents no damage and is therefore excluded from the warranty. customs tariff number: 73269098; Place of Origin: Italy	drawing number: surface:	706002-2300-A A mill finish
		material: weight: packaging:	DX51D galvanized 4,040 kg/Stk 160 pcs per pallet
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: surface: material: weight: packaging:	820302-30-50V P2 B mill finish EN AW 6063 / T66; A2-70 0,087 kg/Stk 50 pcs. per box / 5 PVC bags with 10 pcs.
			

artikel-nr: 20433 product-nr: 820305-30V P2	End clamp 30 AC with pins L=80 mm 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: EN AW 6063 / T66; A2-70 weight: 0,054 kg/Stk packaging: 50 pcs. per box / 5 PVC bags with 10 pcs.
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: 50 pcs. per box / 5 PVC bags with 10 pcs.
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: 50 pcs. per box / 5 PVC bags with 10 pcs.

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:
surface:

820305-33V P2 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,056 kg/Stk
50 pcs. per box / 5 PVC bags with 10 pcs.



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:
surface:

820305-34V P2 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,056 kg/Stk
50 pcs. per box / 5 PVC bags with 10 pcs.



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:
surface:

820305-35V P2 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,057 kg/Stk
50 pcs. per box / 5 PVC bags with 10 pcs.



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: surface:	820305-36V P2 A mill finish
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,058 kg/Stk 50 pcs. per box / 5 PVC bags with 10 pcs.
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: surface:	820305-38V P2 A mill finish
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,059 kg/Stk 50 pcs. per box / 5 PVC bags with 10 pcs.
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: surface:	820305-40V P2 A mill finish
		material: weight: packaging:	EN AW 6063 / T66; A2-70 0,061 kg/Stk 50 pcs. per box / 5 PVC bags with 10 pcs.

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: 50 pcs. per box / 5 PVC bags with 10 pcs.
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: 50 pcs. per box / 5 PVC bags with 10 pcs.
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: 50 pcs. per box / 5 PVC bags with 10 pcs.

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: 50 pcs. per box / 5 PVC bags with 10 pcs.
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: 50 pcs. per box / 5 PVC bags with 10 pcs.
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: 50 pcs. per box / 5 PVC bags with 10 pcs.

artikel-nr: 22330
product-nr: 820511V-5

Aerocompact 2.1 S5 Frontbracket
Tilt 5 degree, Incl. 1 river-nut SK8,
including pre assembled PES building protection pad ; place of origin: Poland

drawing number: 820511V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 0,820 kg/Stk
packaging: 10 pcs. per box / 320 pcs. per palette



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; place of origin: Poland

drawing number: 820521V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 0,940 kg/Stk
packaging: 10 pcs. per box / 320 pcs. per 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; Place of Origin: Poland

drawing number: 820531V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 1,250 kg/Stk
packaging: 240 pcs. per palette



artikel-nr: 23043
product-nr: 820552V

Alpine Support-Bracket 05°
Place of Origin: Poland

drawing number: 820552V
surface: mill finish
material: EN AW 6060 / T64
weight: 0,355 kg/Stk
packaging:



artikel-nr: 22333 product-nr: 820561V-5	Aerocompact 2.1 S5/+ Frontbracket Tilt 10 degree, Incl. 1 river-nut SK8, including pre assembled PES building protection pad place of origin: Poland	drawing number: surface:	820561V-5 mill finish
		material: weight: packaging:	EN AW 6060 / T64 0,500 kg/Stk 10 pcs. per box / 320 pcs. per palette
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; Place of Origin: Poland	drawing number: surface:	820921V-5 mill finish
		material: weight: packaging:	EN AW 6060 / T64 1,850 kg/Stk 90 pcs. per palette
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; Place of Origin: Poland	drawing number: surface:	820931V-5 mill finish
		material: weight: packaging:	EN AW 6060 / T64 1,130 kg/Stk 340 pcs. per palette
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; Place of Origin: Poland	drawing number: surface:	820933V-5 mill finish
		material: weight: packaging:	EN AW 6060 / T64 0,750 kg/Stk 540 pcs. per palette

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

Aerocompact 2.1 S10/+ Frontbracket
Tilt 10 degree, Incl. 1 rivet-nut SK8,
including pre assembled PES building protection pad; Place of Origin: Poland

drawing number: 821011V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 0,820 kg/Stk
packaging: 10 pcs. per box / 320 pcs. per palette



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; Place of Origin: Poland

drawing number: 821021V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 1,050 kg/Stk
packaging: 10 pcs. per box / 320 pcs. per palette



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

Aerocompact 2.1 S10 Connector/18 Incl. PES fleece
Tilt 10 degree, Shadow-Angle 18 degree, Incl. 3 rivet-nut SK8,
including pre assembled PES building protection pad; place of Origin: Poland

drawing number: 821031V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 1,700 kg/Stk
packaging: 140 pcs. per 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; Place of Origin: Poland

drawing number: 821032V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 1,420 kg/Stk
packaging: 140 pcs. per palette



artikel-nr: 23044 product-nr: 821052V	Alpine Support-Bracket 10° Place of Origin: Poland	drawing number: surface: material: weight: packaging:	821052V mill finish EN AW 6060 / T64 0,451 kg/Stk
			
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: material: weight: packaging:	821061V-5 mill finish EN AW 6060 / T64 0,450 kg/Stk 10 pcs. per box / 320 pcs. per palette
			
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 Place of Origin: Poland	drawing number: surface: material: weight: packaging:	821511V-5 mill finish EN AW 6060 / T64 0,820 kg/Stk 10 pcs. per box / 320 pcs. per palette
			
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 Place of Origin: Poland	drawing number: surface: material: weight: packaging:	821521V-5 mill finish EN AW 6060 / T64 1,160 kg/Stk 10 pcs. per box / 360 pcs. per palette
			

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; place of Origin: Poland

drawing number: 821531V-5
surface: mill finish

material: EN AW 6060 / T64
weight: 2,270 kg/Stk
packaging: 100 pcs. per box



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 Place of Origin: Poland

drawing number: 821532V-5
surface: mill finish

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



artikel-nr: 23045
product-nr: 821552V

Alpine Support-Bracket 15°
Place of Origin: Poland

drawing number: 821552V
surface: mill finish
material: EN AW 6060 / T64
weight: 0,550 kg/Stk
packaging:



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 pcs. per box / 320 pcs. per palette



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 pcs. per box
			
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 pcs. per box
			
artikel-nr: 21346 product-nr: 823037V	Protection pad PES 200x80x10mm Place of origin: Germany	drawing number: surface: material: weight: packaging:	823037V A 1700 g/m2, schwarz 0,030 kg/Stk 300 pcs. per box
			
artikel-nr: 21407 product-nr: 823043	Spacer bracket S5, 30 Place of Origin: Poland	drawing number: surface: material: weight: packaging:	823043 A mill finish aluminium
			

GROUND-MOUNTED GMS MAX

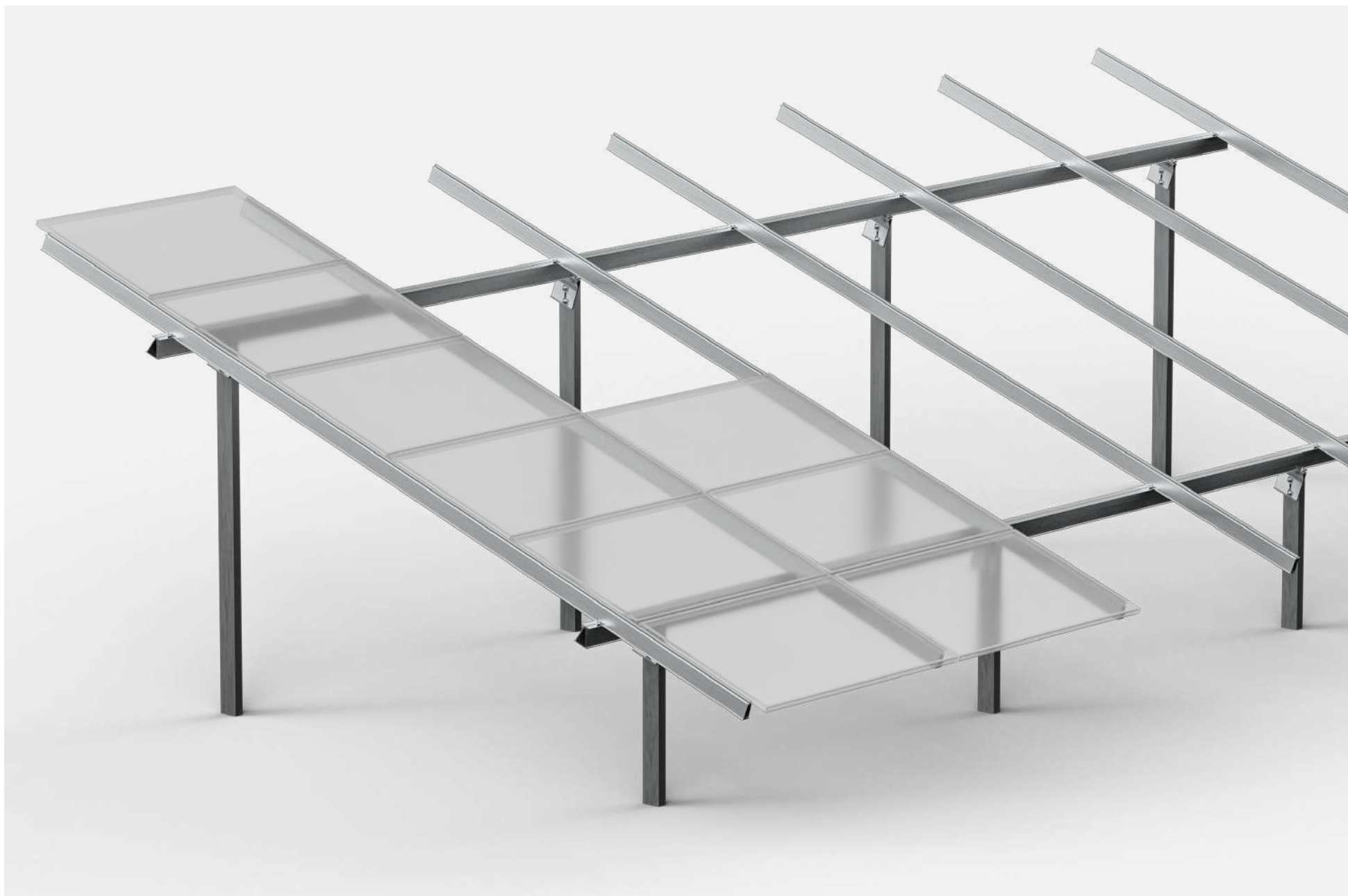
Ground-mounted systems

As the price of solar modules falls, land prices, mounting systems and labour costs account for a larger percentage of overall solar panel system expenditure. This has resulted in increasingly dense building, and to minimise the loss of light caused by shade the modules are commonly set up in horizontal rows. Larger constructions with 4 to 6 module rows reduce the frame costs per module. The GMS MAX mounting system was developed with this in mind. Horizontal and vertical frames along two rows of posts guarantee the necessary flexibility and exploitation of space. The system complies with the highest industrial standards, has been tested in a wind tunnel, and is calculated and statically optimised for each project with our Alumero.PRO.TOOL software.

- + tested in a wind tunnel
- + Module clamps including earthing pins
- + standardised components
- + rapid delivery times
- + suitable for all ground conditions
- + includes static layout
- + long-term protection from corrosion
- + maximum use of space
- + complete recyclability
- + high resale value

Technical data

Installation method:	Piledriven posts, concrete foundations, drilled holes	
Terrain gradient:	North- / south-facing - gradient up to +/- 45° east- / west-facing - gradient up to +/- 8°	
Material:	Galvanised steel posts (EN ISO 1461) Longitudinal frame, module frame: Aluminium 6063 T66 Fixing elements: Stainless steel 1.4301	
Module frame height:	30 – 50 mm	
Module mounting direction:	Horizontal	Vertical
Module layout:	4 – 6 modules stacked	3 modules stacked
Module type:	60, 72, 120 and 144 cells, framed and frameless	
Tilt:	Flexible angle, 10° - 20°	
Max. wind tolerance/snow load:	Wind tolerance up to 250 Km/h Snow load up to 2.4 KN	
Module clamps:	Available with and without earthing pins	



standard parts/accessories

artikel-nr: 22758
product-nr: 850601

Hexagon screw
M12x40
Gewinde bis Kopf
SW19

drawing number: 850601 DIN 933
material: A2-70 DIN933

weight: 5,000 kg/100 Stk.
packaging: 100 Stk.



artikel-nr: 22759
product-nr: 850602

Flat washer
ID 13,0; AD 37,0; t=3,0

drawing number: 850602 DIN 9021
material: A2-70 (DIN9021)
weight: 0,600 kg/100 Stk.
packaging: 100 pcs. per bag



artikel-nr: 23614
product-nr: 850603

Hammerhead screw
M8x35

drawing number: 850603
material: A2-70 Typ 28x15
weight: 1,900 kg/100 Stk.
packaging: 100 pcs. per box



artikel-nr: 22767
product-nr: 850604

Drilling screw Ejot 5,5x30 A2 Bimetal
Abmessungen: 5,5 x 32 mm
for connector

drawing number: 850604
surface: Werkstoff: Bimetall A2
material: JT3 5,5x30
weight: 0,700 kg/100 Stk.
packaging:



standard parts/accessories

artikel-nr: 22768
product-nr: 850605

Drilling screw DIN 7504 K

Abmessungen: 5,5 x 36 mm
for mounting modul carrier

drawing number:
surface:

850605
Werkstoff: A2 / Beschichtung: Gleitmo, mit
Unterkopfverzahnung
5,5 x 35
41,000 kg/100 Stk.

material:
weight:
packaging:



artikel-nr: 22769
product-nr: 850606

Drilling Screw 5,5 x 55

Abmessungen: 5,5 x 55 mm
for middle clamp & end clamp

drawing number:
surface:

850606
Werkstoff: A2 / Beschichtung: Gleitmo, mit
Unterkopfverzahnung
5,5 x 55
1,400 kg/100 Stk.

material:
weight:
packaging:



artikel-nr: 23364
product-nr: 850610

Hammerhead screw M8x30

drawing number:
material:
weight:
packaging:

850610
A2-70 Typ 41x41
1,000 kg/100 Stk.
100 pcs. per box



artikel-nr: 22760
product-nr: 850614

Hammerhead screw M8x30

drawing number:
material:
weight:
packaging:

850614
A2-70 Typ 28x15
1,200 kg/100 Stk.
100 pcs. per box



special parts

artikel-nr: 22025
product-nr: 850100

Longitudinal beam A01
L= variable (-0/+10mm)
Profil 18-7925

drawing number: 850100
surface: mill finish
material: EN AW 6063 T66
weight: 2,616 kg/mtr
packaging:



artikel-nr: 22738
product-nr: 850101

Longitudinal beam L
L= variable
Profil 18-7726

drawing number: 850101
surface: mill finish
material: EN AW 6063 T66
weight: 1,661 kg/mtr
packaging:



artikel-nr: 22026
product-nr: 850110

Modul carrier A01
L= variable (-0/+10 mm)
Profil 18-7927

drawing number: 850110
surface: mill finish
material: EN AW 6063 T66
weight: 1,860 kg/mtr
packaging:



artikel-nr: 22639
product-nr: 850111

Modul carrier A01.1
L= variable (-0/+10 mm)
Profil 18-8143

drawing number: 850111
surface: mill finish
material: EN AW 6063 T66
weight: 2,100 kg/mtr
packaging:



special parts

artikel-nr: 22640
product-nr: 850112

Modul carrier A02
L= variable (-0/+10mm)
Profil 18-8144

drawing number: 850112
surface: mill finish
material: EN AW 6063 T66
weight: 1,791 kg/mtr
packaging:



artikel-nr: 22268
product-nr: 850113

Modul carrier A03
L= variable (-0/+10mm)
Profil 18-7953

drawing number: 850113
surface: mill finish
material: EN AW 6063 T66
weight: 1,504 kg/mtr
packaging:



artikel-nr: 22542
product-nr: 850150

Connector A01
L= 400 mm
Profil 18-7926

drawing number: 850150
surface: mill finish
material: EN AW 6063 T66
weight: 1,291 kg/Stk
packaging:



artikel-nr: 21989
product-nr: 850201

Raster V2
L= 36 mm
Profil 18-7853

drawing number: 850201
surface: mill finish
material: EN AW 6063 T66
weight: 0,020 kg/Stk
packaging:



special parts

artikel-nr: 23266
product-nr: 850202-13

Bracket longitudinal member OW
L=70 mm
Profil 18-8073

drawing number: 850202-13
surface: mill finish
material: EN AW 6063 T66
weight:
packaging: 150 pcs. per box



artikel-nr: 22609
product-nr: 850202-8,5

Bracket longitudinal member
L= 70 mm
Profil 18-8073

drawing number: 850202-8,5
surface: mill finish
material: EN AW 6063 T66
weight: 0,061 kg/Stk
packaging: 150 Stk. per Karton



artikel-nr: 22610
product-nr: 850203

Bracket module carrier
L= 35 mm
Profil 18-8073

drawing number: 850203
surface: Pressblank
material: EN AW 6063 T66
weight: 0,030 kg/Stk
packaging:



artikel-nr: 23958
product-nr: 850290-10

Hear Alu V3 10°
L= 180mm
Profil 18-7854

drawing number: 850290-10
surface: powder coated RAL7016
material: EN AW 6063 T66
weight: 1,060 kg/Stk
packaging:



special parts

artikel-nr: 24265
product-nr: 850290-12

Head Alu V3 12°
L=180mm
Profil 18-7854

drawing number:
surface:
material:
weight:
packaging:

850290-12
powder coated RAL7016
EN AW 6063 T66
1,060 kg/Stk



artikel-nr: 24042
product-nr: 850290-15

Head Alu V3 15°
L= 180mm
Profil 18-7854

drawing number:
surface:
material:
weight:
packaging:

850290-15
powder coated RAL7016
EN AW 6063 T66
1,060 kg/Stk



artikel-nr: 24175
product-nr: 850290-20

Head Alu V3 20°
L= 180 mm
Profil 18-7854

drawing number:
surface:
material:
weight:
packaging:

850290-20
powder coated RAL7016
EN AW 6063 T66
1,060 kg/Stk



artikel-nr: 22874
product-nr: 850301

Middle clamp GMS XS /18-8192
L= 60 mm
Profil 18-8192

drawing number:
surface:
material:
weight:
packaging:

850301
mill finish
EN AW 6063 T66
0,028 kg/Stk



special parts

artikel-nr: 23177
product-nr: 850301P

Middle clamp GMS XS with Pins / 18-8192
L= 60 mm
Profil 18-8192

drawing number:
surface:
material:
weight:
packaging:

850301P
mill finish
EN AW 6063 T66



artikel-nr: 22632
product-nr: 850305

Endclamp GMS XS
L= 60 mm
Profil 18-7992

drawing number:
surface:
material:
weight:
packaging:

850305
mill finish
EN AW 6063 T66
0,041 kg/Stk



artikel-nr: 22807
product-nr: 850391

Middle clamp GMS XS black / 18-8192
L= 60 mm
Profil 18-8192

drawing number:
surface:
material:
weight:
packaging:

850391
E6/C35 anodized
AN AW 6063 T66
0,021 kg/Stk



artikel-nr: 22813
product-nr: 850391P

Middle clamp GMS XS black with Pins / 18-8192
L= 60 mm
Profil 18-8192

drawing number:
surface:
material:
weight:
packaging:

850391P
E/C35 anodized
EN AW 6063 T66



special parts

artikel-nr: 22808
product-nr: 850395

Endclamp GMS XS black
L= 60 mm
Profil 18-7992

drawing number:
surface:
material:
weight:
packaging:

850395
E6/C35 anodized
EN AW 6063 T66



artikel-nr: 23160
product-nr: 850607

Locking nut
M12 A2

drawing number:
material:
weight:
packaging:

850607
DIN 6923
2,000 kg/100 Stk.



artikel-nr: 23161
product-nr: 850608

Locking nut
M8 A2

drawing number:
material:
weight:
packaging:

850608
DIN 6923
1,000 kg/100 Stk.



artikel-nr: 23155
product-nr: 850700

C-Profil front 100x55x15x3
L= variable (-0/+5mm)

drawing number:
surface:
material:
weight:
packaging:

850700
S355 JR VZ
S355
5,171 kg/mtr



special parts

artikel-nr: 23156 product-nr: 850701	C-Profil back 100x55x15x3 L= variable (-0/+5mm)	drawing number: surface: material: weight: packaging:	850701 S355 JR VZ S355 5,171 kg/mtr
			

artikel-nr: 24037 product-nr: 850800	Project-specific, auditable Static	drawing number: material: weight: packaging:	850800
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Various Solar Articles

artikel-nr: 24038 product-nr: 850801	zinc dust paint capacity: 500 ml	drawing number: surface: material: weight: packaging:	850801 corrosion protections zinc -300 paintable
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GROUND-MOUNTED 2.2

The classic outdoor ground-mounted system

The ALUMERO ground-mounted 2.2 system features a clever combination of steel components and innovative aluminium structural parts for an optimum response to your needs. As is the case across the entire ALUMERO portfolio, ease-of-installation for the ground-mounted system is of utmost importance. Pre-assembled components make extremely speedy mounting a reality. Sophisticated standard components allow a variety of table layouts to be configured straight from the factory. In addition, resetting positions is simple too, so it's easy to adapt the position of each panel table to suit the topology of the area - for an optimally set-up PV park, even in tough terrain.

- + several options for making optimum adjustments to compensate for unevenness in terrain
- + effective use of materials
- + quick and easy installation
- + limited number of individual components
- + project-related planning and statics
- + no sealing of soil surfaces
- + superior-quality components guarantee excellent longevity
- + Corrosion resistant
- + ground, soil and fields can be easily cultivated
- + complete recyclability
- + high resale value

Technical data

Panel table layout:	2 modules upright - one above the other
Tilt angle:	10° - 25°
Panel table lengths:	Up to 25 m
Piledriving depth:	Standard 1,750 mm or according to specifications
Height of lower table edge:	Variable
Bridge gaps:	Calculated according to project specifics and dependant on local wind and snow conditions
Superstructure:	Calculated according to project specifics and dependant on local wind and snow conditions
Material for module bridge:	Hot-dip galvanised steel
Material for superstructure:	EN AW 6063 / T66
Material for attaching elements:	A2-70
Accessories:	Earthing clamps for linking up to electrical bonding network, components for cable conduits, components for internal electrical bonding, earthing wire, clamps for all types of module



KITS:
Auch als
vorkonfektionierte
Set-Lösung
möglich.

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 bars)
Wx, Wy: 7795 mm³, 3922 mm³



artikel-nr: 16440
product-nr: 802102Z

Mounting profile 65 cut
L=variabel mm (-0/+10)
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

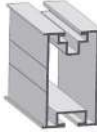
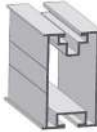
Mounting profile 95
L=6.200 (-0/+10) mm
Outside dimensions: 62 x 95 mm
1x Mounting channel for threaded plate M8
1x Mounting channel for hammer head screw M8 or M10

drawing number: 802103-62 A
surface: mill finish

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



profiles

artikel-nr: 16445 product-nr: 802103Z	Mounting profile 95 cut L=variabel (-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: surface:	802103Z A mill finish
		material: weight: packaging: Wx, Wy:	EN AW 6063 / T66 1,655 kg/mtr 16700 mm³, 9830 mm³
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: surface:	802104-62 A mill finish
		material: weight: packaging: Wx, Wy:	EN AW 6063 / T66 1,437 kg/mtr 341 mtr. (55 bars) 11797 mm³, 5943 mm³
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: surface:	802104Z A mill finish
		material: weight: packaging: Wx, Wy:	EN AW 6063 / T66 1,437 kg/mtr 11797 mm³, 5943 mm³

connection parts

artikel-nr: 16441
product-nr: 802152

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

drawing number:
surface:

802152 B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66
0,220 kg/Stk
10 pcs. per box / 1.000 pcs. per pallet



artikel-nr: 17418
product-nr: 802152S

Profile connector 65 S
L=400mm
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:
surface:

802152S B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,248 kg/Stk
10 pcs. per box / 1.000 pcs. per pallet



artikel-nr: 16446
product-nr: 802153

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

drawing number:
surface:

802153 B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66
0,453 kg/Stk
10 pcs. per box / 240 pcs. per pallet



artikel-nr: 17419
product-nr: 802153S

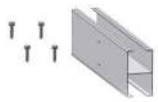
Profile connector 95 S
L=400mm
for Mounting profile 95 incl 4 pcs. self drilling screws SW8 5,5 x 25
Outside dimension: 51,1 x 91,3 mm

drawing number:
surface:

802153S B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,481 kg/Stk
10 pcs. per box / 240 pcs. per pallet



connection parts

artikel-nr: 17115
product-nr: 802154

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

drawing number: 802154 A
surface: mill finish

material: EN AW 6063 / T66
weight: 0,345 kg/Stk
packaging: 10 pcs. per box / 240 pcs. per pallet

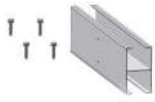


artikel-nr: 18061
product-nr: 802154S

Profile connector 80 S
L=400mm
for Mounting profile 80 incl. 4 self drilling screws SW10 5,5 x 25 mm
Outside dimensions: 30 x 58,3 mm

drawing number: 802154S A
surface: mill finish

material: EN AW 6063 / T66; A2-70
weight: 0,345 kg/Stk
packaging: 10 pcs. per box / 240 pcs. per pallet



clamps

artikel-nr: 23068
product-nr: 802301-28-37V

Middle clamp for fast mounting 28-37
L= 50 mm
Incl. Opening-function
for Frame height 28-37mm
for Mounting profiles with threaded plate channel M8

drawing number: 802301-28-37V
surface: mill finished

material: EN AW 6063 / T66; A2-70
weight: 0,052 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallet



artikel-nr: 23069
product-nr: 802301-28-37V P1

Middle clamp for fast mounting 28-37 with Pin
L= 50 mm
Incl. Opening-function
for Frame height 28-37mm
for Mounting profiles with threaded plate channel M8

drawing number: 802301-28-37V P1
surface: mill finished

material: EN AW 6063 / T66; A2-70
weight: 0,053 kg/Stk
packaging: 50 pcs. per box / 4.950 pcs. per pallet



clamps

artikel-nr: 23070
product-nr: 802301-38-47V

Middle clamp for fast mounting 38-47
L= 50 mm
Incl. Opening-function
for Frame height 38-47mm
for Mounting profiles with threaded plate channel M8

drawing number:
surface:

802301-38-47V
mill finished

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,054 kg/Stk
50 pcs. per box / 4.950 pcs. per pallet



artikel-nr: 23071
product-nr: 802301-38-47V P1

Middle clamp for fast mounting 38-47 with Pin
L= 50 mm
Incl. Opening-function
for Frame height 38-47mm
for Mounting profiles with threaded plate channel M8

drawing number:
surface:

802301-38-47V P1
mill finished

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,055 kg/Stk
50 pcs. per box / 4.950 pcs. per pallet



artikel-nr: 23072
product-nr: 802301-48-50V

Middle clamp for fast mounting 48-50
L= 50 mm
Incl. Opening-function
for Frame height 48-50mm
for Mounting profiles with threaded plate channel M8

drawing number:
surface:

802301-48-50V
mill finished

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,058 kg/Stk
50 pcs. per box / 4.950 pcs. per pallet



clamps

artikel-nr: 23073
product-nr: 802301-48-50V P1

Middle clamp for fast mounting 48-50 with Pin
L= 50 mm
Incl. Opening-function
for Frame height 48-50mm
for Mounting profiles with threaded plate channel M8

drawing number:
surface:

802301-48-50V P1
mill finished

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,059 kg/Stk
50 pcs. per box / 4.950 pcs. per pallet



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

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

drawing number:
surface:

802304-30V A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,046 kg/Stk
20 pcs. per box / 7.000 pcs. per pallet



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

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

drawing number:
surface:

802304-31V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,046 kg/Stk
20 pcs. per box / 7.000 pcs. per pallet



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

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

drawing number:
surface:

802304-32V
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,047 kg/Stk
20 pcs. per box / 7.000 pcs. per pallet



clamps

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

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

drawing number:
surface:

802304-33V A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,048 kg/Stk
20 pcs. per box / 7.000 pcs. per pallet



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

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

drawing number:
surface:

802304-34V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,048 kg/Stk
20 pcs. per box / 7.000 pcs. per pallet



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

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

drawing number:
surface:

802304-35V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,048 kg/Stk
20 pcs. per box / 7.000 pcs. per pallet



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

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

drawing number:
surface:

802304-36V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,049 kg/Stk
20 pcs. per box / 7.000 pcs. per pallet



clamps

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

End clamp for fast mounting 38
L=50mm
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 pcs. per box / 7.000 pcs. per pallet



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

End clamp for fast mounting 40
L=50mm
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 pcs. per box / 7.000 pcs. per pallet



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

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

drawing number:
surface:

802304-42V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,051 kg/Stk
20 pcs. per box / 7.000 pcs. per pallet



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:
surface:

802304-43V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,052 kg/Stk
20 pcs. per box / 7.000 pcs. per pallet



clamps

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

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

drawing number:
surface:

802304-45V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,052 kg/Stk
20 pcs. per box / 7.000 pcs. per pallette



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

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

drawing number:
surface:

802304-46V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,053 kg/Stk
20 pcs. per box / 7.000 pcs. per pallette



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

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

drawing number:
surface:

802304-50V B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,054 kg/Stk
20 pcs. per box / 7.000 pcs. per pallette



standard parts/accessories

artikel-nr: 14730
product-nr: 800623

Hexagon screw
M10x25
SW17

drawing number:
material:
weight:
packaging:

800623 DIN 933
A2-70
2,370 kg/100 Stk.
100 Stk.



standard parts/accessories

artikel-nr: 15325
product-nr: 800626

Hexagon screw
M16x35
SW24

drawing number: 800626 DIN 933
material: A2-70
weight: 8,350 kg/100 Stk.
packaging: 50 Stk.



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 pcs.



artikel-nr: 15591
product-nr: 800636

Hexagon nut
M16
with flange and serration

drawing number: 800636 DIN 6923 B
material: A2-70
weight: 5,000 kg/100 Stk.
packaging: 50



artikel-nr: 23615
product-nr: 800636-1

Hexagon nut
M16
mit Flansch und mit Sperrverzahnung

drawing number: 800636-1 DIN 6923 B
material: A2-70
weight: 5,000 kg/100 Stk.
packaging: 50



standard parts/accessories

artikel-nr: 15453
product-nr: 800646

Hammerhead screw
M10x25

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



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: 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:



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

Strut Landscape
L=900mm
from angle profile 60x30x5

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



artikel-nr: 23788 product-nr: 800801-355	Beam Landscape C-130 L=3.100mm	drawing number: surface: material: weight: packaging:	800801-355 A galvanized Steel S355 JR 7,250 kg/mtr *
			
artikel-nr: 23796 product-nr: 800803-355	Connection angle Landscape L=80mm made from angle profile 80x65x6mm	drawing number: surface: material: weight: packaging:	800803-355 A galvanized Steel S355 JR 0,502 kg/Stk *
			
artikel-nr: 24170 product-nr: 800805-355	Beam Landscape C-120/3 L=2.750mm 120x60x25x3	drawing number: surface: material: weight: packaging:	800805-355 A galvanized Steel S355 JR 6,000 kg/mtr
			
artikel-nr: 24353 product-nr: 800900	Landscape Fixing-Set for Inverter contains: 2x Ramming pile L=2.600mm 2x Fixing sheet L=3.150mm 8x U-clamp 16x Hexagon Nut M10	drawing number: material: weight: packaging:	800900 C VARIANT 1
			

artikel-nr: 24354 product-nr: 800901	Landscape Fixing-Set for Inverter contains: 1x Ramming pile L=2.600mm 2x Fixing sheet L=3.150mm 12x U-clamp 24x Hexagon Nut M10	drawing number: material:	800901 C VARIANT 2
		weight: packaging:	

artikel-nr: 24355 product-nr: 800902	Landscape Fixing-Set for Inverter contains: 1x Fixing sheet L=3.150mm 4x U-clamp 8x Hexagon Nut M10	drawing number: material:	800902 C VARIANT 3
		weight: packaging:	

special parts

artikel-nr: 19161 product-nr: 800301P	Earthing plate for Middle clamp L=66mm B=35mm to implement the Modules in the grounding For Middle clamps with L= 50 mm and W= 20 mm	drawing number: material:	800301P B stainless steel 1.4301
		weight: packaging:	0,300 kg/100 Stk. 100 pcs. per box / 4.200 pcs. per pallette

GROUND-MOUNTED AC G

The new ground-mounted solution

Our smallest ground-mounted system is the AC G. This simple set-up is available as a G15, 20° in a south-facing version, and G+ in the east/west-facing version with a gap to the ground of 400mm. The east/west version can accommodate 30% more modules in the same space than the south-facing version. The fastest ground-mounted system on the market allows up to 1 MW in to be loaded into an HGV, so it's an innovative ground-mounted system that doesn't just save money, installation is extremely quick and transportation costs are low. It's firmly attached with a ground anchor with the option of optimised ballast distribution.

- + no ground ramming required
- + minimal penetration depth of ground anchors
- + fastest of all outdoor ground installations
- + patented system
- + project-related planning and statics
- + TÜV-certified according to UL 2703
- + tested in a wind tunnel
- + Module clamps with earthing pins
- + very low transport costs
- + 1 MW per HGW or 40-ft container

Technical data

	G	G+
Area of application:	Grassland and farm land, sand, gravel, angular rock, concrete and tarmac	
Module dimensions:	950 - 1150 mm x 1500 - 2250 mm (width x length)	
Module gradient:	15° & 20°	10°
Row distancing:	18° shade angle 797 mm, 25° shade angle 555 mm	18° shade angle 609 mm
Distance to roof surface:	Approx. 400 mm	
Ground anchor:	Up to 10° without anchor, over 10° with anchor only	
Max. field size:	G 15: 12 x 20 rows, 240 modules	12 x 16 double modules, 384 modules
Min. field size:	3 rows of 2 modules or 2 rows of 3 modules	
Wind load:	Suction load up to 2.4 kN/m²	
Snow load:	Pressure load G15: Up to 1.6 kN/m²	Pressure load G+: Up to 2.4 kN/m²
Stability information:	Software-supported based on wind tunnel tests	
Ground conditions:	The owner is responsible for establishing how much weight and pressure the ground can withstand.	
Material for the substructure:	Aluminium EN AW 6060; steel sheets with aluminium-zinc coating. Small parts made of rust-proof steel A2-70. Ground anchors from cast aluminium.	
Accessories:	Ballast trays, earthing clamps for electrical bonding	
Transport volume:	Approx. 1 MW per HGV or 40 ft container	



 Bei Montage auf
Grünflächen
empfehlen wir
bewuchshemmendes
 Vlies unterzulegen.

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: 100pcs. per box



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 pcs. per bag / 4.000 pcs. per box



artikel-nr: 19073
product-nr: 823002-24

Flat washer M8
ID 8,4 ; AD 24x2
Place of Origin: Germany

drawing number: 823002-24
material: Stainless steel A2-70
weight: 0,600 kg/100 Stk.
packaging: 100 pcs. per box



artikel-nr: 22637
product-nr: 823002-28

Flat washer M8
9x28x3 DIN 440 Form R
place of origin : Poland

drawing number: 823002-28 0440290
material: A2
weight:
packaging: 100 pcs. per box



artikel-nr: 24176 product-nr: 706000-880 A 	BT-880 Ballast Tray Length 880 mm, Thickness: 0,6 mm A weather-related visual change of the material represents no damage and is therefore excluded from the warranty. customs tariff number: 73269098; Place of Origin: Italy	drawing number: surface: 706000-880 A mill finish material: weight: packaging: DX51D galvanized 1,510 kg/Stk
artikel-nr: 23904 product-nr: 706001-1800-A 	BT-1800 Ballast Tray Length 1775 mm, Thickness: 0,6 mm For module lengths from 1.500 mm to 1.750 mm. A weather-related visual change of the material represents no damage and is therefore excluded from the warranty. customs tariff number: 73269098; Place of Origin: Italy	drawing number: surface: 706001-1800-A A mill finish material: weight: packaging: DX51D galvanized 3,180 kg/Stk 160 pcs per pallet
artikel-nr: 23988 product-nr: 706001-2050-A 	BT-2050 Ballast Tray Length 2.050 mm, Thickness: 0,6 mm For module lengths from 1.751 mm to 2.000 mm. A weather-related visual change of the material represents no damage and is therefore excluded from the warranty. customs tariff number: 73269098; Place of Origin: Italy	drawing number: surface: 706001-2050-A A mill finish material: weight: packaging: DX51D galvanized 3,650 kg/Stk 160 pcs per pallet
artikel-nr: 23991 product-nr: 706002-2300-A 	BT-2300 Ballast Tray Length 2.300 mm, Thickness: 0,6 mm For module lengths from 2.001 mm to 2.250 mm. A weather-related visual change of the material represents no damage and is therefore excluded from the warranty. customs tariff number: 73269098; Place of Origin: Italy	drawing number: surface: 706002-2300-A A mill finish material: weight: packaging: DX51D galvanized 4,040 kg/Stk 160 pcs per pallet

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: surface: material: weight: packaging:	820302-30-50V P2 B mill finish EN AW 6063 / T66; A2-70 0,087 kg/Stk 50 pcs. per box / 5 PVC bags with 10 pcs.
			
artikel-nr: 20433 product-nr: 820305-30V P2	End clamp 30 AC with pins L=80 mm 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: surface: material: weight: packaging:	820305-30V P2 A mill finish EN AW 6063 / T66; A2-70 0,054 kg/Stk 50 pcs. per box / 5 PVC bags with 10 pcs.
			
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: surface: material: weight: packaging:	820305-31V P2 A mill finish EN AW 6063 / T66 0,055 kg/Stk 50 pcs. per box / 5 PVC bags with 10 pcs.
			

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: 50 pcs. per box / 5 PVC bags with 10 pcs.



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: 50 pcs. per box / 5 PVC bags with 10 pcs.



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: 50 pcs. per box / 5 PVC bags with 10 pcs.



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: 50 pcs. per box / 5 PVC bags with 10 pcs.
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: 50 pcs. per box / 5 PVC bags with 10 pcs.
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: 50 pcs. per box / 5 PVC bags with 10 pcs.

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:
surface:

820305-40V P2 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,061 kg/Stk
50 pcs. per box / 5 PVC bags with 10 pcs.

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:
surface:

820305-42V P2 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,062 kg/Stk
50 pcs. per box / 5 PVC bags with 10 pcs.

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:
surface:

820305-43V P2 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; A2-70
0,062 kg/Stk
50 pcs. per box / 5 PVC bags with 10 pcs.

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: 50 pcs. per box / 5 PVC bags with 10 pcs.
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: 50 pcs. per box / 5 PVC bags with 10 pcs.
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: 50 pcs. per box / 5 PVC bags with 10 pcs.

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: surface: material: weight: packaging:	820305C P2 A mill finish EN AW 6063 T66; A2-70 0,087 kg/Stk 50 pcs. per box / 5 PVC bags with 10 pcs.
artikel-nr: 22043 product-nr: 820925 	Aerocompact 2.1 G+ middle bracket Groundmount Plus 400 place of origin: Poland	drawing number: surface: material: weight: packaging:	820925 A mill finish EN AW 6060 / T64 2,560 kg/Stk 126 pcs. per pallet
artikel-nr: 22041 product-nr: 820938 	Aerocompact 2.1 G+ connector Groundmount Plus 400 place of origin : Poland	drawing number: surface: material: weight: packaging:	820938 A mill finish EN AW 6060 / T64 1,820 kg/Stk 440 pcs. per pallet
artikel-nr: 22042 product-nr: 821015 	Aerocompact 2.1 G+/south front bracket Groundmount Plus 400 place of origin: Poland	drawing number: surface: material: weight: packaging:	821015 A mill finish EN AW 6060 / T64 1,100 kg/Stk 490 pcs. per pallet

artikel-nr: 22036 product-nr: 821515	Aerocompact 2.1 G15 front bracket Groundmount 400	drawing number: surface: material: weight: packaging:	821515 A mill finish EN AW 6060 / T64 1,100 kg/Stk 520 pcs. per pallet
			
artikel-nr: 22034 product-nr: 821525	Aerocompact 2.1 G15 back bracket Groundmount 400 Place of origin: Poland	drawing number: surface: material: weight: packaging:	821525 A mill finish EN AW 6060 / T64 1,450 kg/Stk 760 pcs. per pallet
			
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: surface: material: weight: packaging:	821538 A mill finish EN AW 6060 / T64 2,530 kg/Stk 280 pcs. per pallet
			
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: surface: material: weight: packaging:	821539 A mill finish EN AW 6060 / T64 2,220 kg/Stk 200 pcs. per pallet
			

artikel-nr: 22039 product-nr: 822015	Aerocompact 2.1 G20 front bracket Groundmount 400 place of origin: Poland	drawing number: surface: material: weight: packaging:	822015 A mill finish EN AW 6060 / T64 0,980 kg/Stk 550 pcs. per pallet
			
artikel-nr: 22037 product-nr: 822025	Aerocompact 2.1 G20 end bracket Groundmount 400 place of origin: Poland	drawing number: surface: material: weight: packaging:	822025 A mill finish EN AW 6060 / T64 1,460 kg/Stk 760 pcs. per pallet
			
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: surface: material: weight: packaging:	822038 A mill finish EN AW 6060 / T64 2,780 kg/Stk 280 pcs. per pallet
			
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: surface: material: weight: packaging:	822039 A mill finish EN AW 6060 / T64 2,360 kg/Stk 280 pcs. per pallet
			

artikel-nr: 21408
product-nr: 823046

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

drawing number:
surface:
material:
weight:
packaging:

823046 A
mill finish
EN AW 6060 / T64
0,130 kg/Stk



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:
material:
weight:
packaging:

823044 A
to anchor the Aerocompact groundmount brackets in the
ground
0,636 kg/Stk



LAMINATE CLAMPS

Superior-quality extruded wrought aluminium alloy clamps

Our unique laminate clamps CLICK and SECURITAS are superior-quality extruded wrought aluminium alloy clamps with a built-in contact seal. The elastic seal made of UV-resistant elastomers is responsible for optimised and suitably powerful clamping. Our clamps can be mounted quickly and easily, function excellently and offer other benefits. Their versatility allows them to be adapted to the specific requirements of each customer, while offering top quality and short delivery times.

ALUMERO Laminate Clamps: Click

- + convenient clip connector
- + delivered in a fully assembled state
- + E6/C35 anodised coating on request
- + short delivery times

ALUMERO Laminate Clamps: Securitas

- + single piece for easy mounting
- + excellent functional security
- + guarantees an excellent fit



Click

Securitas

laminate clamps

artikel-nr: 13908
product-nr: 800311

Laminate 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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.

drawing number:
surface:

800311 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,070 kg/Stk
210 pcs. per box / 7.560 pcs. per pallet



artikel-nr: 13909
product-nr: 800312

Laminate 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

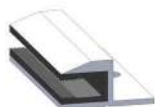
We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.

drawing number:
surface:

800312 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,038 kg/Stk
470 pcs. per box / 16.920 pcs. per pallet



artikel-nr: 14322
product-nr: 800323

Laminate 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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.

Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; TPE
0,109 kg/Stk
120 pcs. per box / 7.200 pcs. per pallet



laminate clamps

Laminate 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

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

Laminate 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

laminate clamps

artikel-nr: 15296
product-nr: 800323

Laminate 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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,109 kg/Stk
120 pcs. per box / 7.200 pcs. per pallet



artikel-nr: 15300
product-nr: 800323

Laminate middle clamp CLICK ABOUND

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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,086 kg/Stk
140 pcs. per box / 8.400 pcs. per pallet



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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; TPE
0,130 kg/Stk
100 pcs. per box / 6.000 pcs. per pallet



laminate clamps

artikel-nr: 16923
product-nr: 800323

Laminate middle clamp CLICK SHARP

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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323 B
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,218 kg/Stk
60 pcs. per box / 3.600 pcs. per pallet



artikel-nr: 17200
product-nr: 800323

Laminate middle clamp CLICK 3.0

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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,109 kg/Stk
120 pcs. per box / 7.200 pcs. per pallet



artikel-nr: 17400
product-nr: 800323

Laminate middle clamp CLICK 5.0

L=120mm
for modules with thickness from 5.0 - 6.2 mm
1643

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,128 kg/Stk
100 pcs. per box / 6.000 pcs. per pallet



laminate clamps

artikel-nr: 17463 product-nr: 800323	Laminate middle clamps CLICK further lengths, surfaces, laminate-heights as well as individual pre-mounted sets incl. screws and nuts or pre-packed units on requestDelivered WITHOUT SCREW AND NUT!	drawing number: material:	800323 EN AW 6063 / T66; EPDM/Silicone
		weight: packaging:	
artikel-nr: 17710 product-nr: 800323	Laminate middle clamp CLICK 3.0 L=80mm for modules with thickness from 3.0 - 4.2 mm 1916 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800323 A mill finish
		material: weight: packaging:	EN AW 6063 / T66; EPDM 0,086 kg/Stk 140 pcs. per box / 8.400 pcs. per pallet
artikel-nr: 17771 product-nr: 800323	Laminate middle clamp CLICK SHARP L=160mm for Sharp modules 1437/3, 1896 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800323 A mill finish
		material: weight: packaging:	EN AW 6063 / T66; EPDM 0,218 kg/Stk 60 pcs. per box / 3.600 pcs. per pallet
artikel-nr: 17865 product-nr: 800323	Laminate middle clamp CLICK SMARTENERGY L=100mm for Smartenergy modules 1437/1, S1989 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800323 A mill finish
		material: weight: packaging:	EN AW 6063 / T66; EPDM 0,103 kg/Stk 100 pcs. per box / 6.000 pcs. per pallet

laminate clamps

artikel-nr: 19945
product-nr: 800323

Laminate middle clamp Click 6.8 TPE 80

L=80mm

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; TPE KA-107
0,084 kg/Stk
140 pcs. per box / 8.400 pcs. per pallet



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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; TPE
0,161 kg/Stk
80 Stk. pro Krt. / 4.800 Stk. pro Pal.



artikel-nr: 17206
product-nr: 800323-E6/C35

Laminate 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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323-E6/C35 A
bars anodized in E6/C35

material:
weight:
packaging:

EN AW 6063 / T66; TPE
0,108 kg/Stk
120 pcs. per box / 7.200 pcs. per pallet



laminate clamps

artikel-nr: 17208
product-nr: 800323-E6/C35

Laminate 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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323-E6/C35 A
bars anodized in E6/C35

material:
weight:
packaging:

EN AW 6063 / T66; TPE
0,086 kg/Stk
140 pcs. per box / 8.400 pcs. per pallet



artikel-nr: 17311
product-nr: 800323-E6/C35

Laminate middle clamp CLICK SHARP black
L=200mm
for Sharp modules
1437/3, 1896

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

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 pcs. per box / 3.600 pcs. per pallet



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

Laminate 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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323-E6/C35 A
bars anodized in E6/C35

material:
weight:
packaging:

EN AW 6063 / T66; TPE
0,128 kg/Stk
100 pcs. per box / 6.000 pcs. per pallet



laminate clamps

artikel-nr: 17476 product-nr: 800323-E6/C35	Laminate middle clamp CLICK 5.0 black L=80mm for modules with thickness from 5.0 - 6.2 mm 1643/2 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800323-E6/C35 A bars anodized in E6/C35 material: weight: packaging:
			
artikel-nr: 17531 product-nr: 800323-E6/C35	Laminate middle clamps CLICK 6.8 black L=200mm for modules with thickness from 6.8 - 8.0 mm 1437/3 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800323-E6/C35 A bars anodized in E6/C35 material: weight: packaging:
			
artikel-nr: 17564 product-nr: 800323-E6/C35	Laminate middle clamp CLICK 3.0 black L=100mm for modules with thickness from 3.0 - 4.2 mm 1916 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800323-E6/C35 A bars anodized in E6/C35 material: weight: packaging:
			

laminate 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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323-E6/C35 A
bars anodized in E6/C35

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,109 kg/Stk
120 pcs. per box / 7.200 pcs. per pallet



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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

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 pcs. per box / 8.400 pcs. per pallet



artikel-nr: 22522
product-nr: 800323-E6/C35

Laminate middle clamps CLICK 6.8 black
L=150mm

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800323-E6/C35 A
bars anodized in E6/C35

material:
weight:
packaging:

EN AW 6063 / T66; TPE
0,161 kg/Stk
80 Stk. pro Krt. / 4.800 Stk. pro Pal.



laminate clamps

artikel-nr: 22896 product-nr: 800323-E6/C35	Laminate middle clamp CLICK 5.0 black L=120mm for modules with thickness from 5.0 - 6.2 mm 1643/2 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800323-E6/C35 bars anodized in E6/C35 material: weight: packaging:
			EN AW 6063 / T66; EPDM 0,128 kg/Stk 100 pcs. per box / 6.000 pcs. per pallet
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 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800324 A mill finish material: weight: packaging:
			EN AW 6063 / T66; TPE 0,084 kg/Stk 180 pcs. per box / 10.800 pcs. per pallet
artikel-nr: 14633 product-nr: 800324	Laminate 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 Delivered WITHOUT SCREW AND NUT! We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.	drawing number: surface:	800324 A mill finish material: weight: packaging:
			EN AW 6063 / T66; TPE 0,067 kg/Stk 220 pcs. per box / 13.200 pcs. per pallet

laminate clamps

artikel-nr: 14708
product-nr: 800324

Laminate 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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides
with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,067 kg/Stk
220 pcs. per box / 13.200 pcs. per pallet



artikel-nr: 15097
product-nr: 800324

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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides
with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; TPE
0,168 kg/Stk
80 pcs. per box / 4.800 pcs. per pallet



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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides
with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,084 kg/Stk
180 pcs. per box / 10.800 pcs. per pallet



laminate clamps

artikel-nr: 15301 product-nr: 800324	Laminate end clamp CLICK ABOUND L=80mm for modules from Abound Solar S-1710/2 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800324 A mill finish material: weight: packaging:	EN AW 6063 / T66; EPDM 0,068 kg/Stk 240 pcs. per box / 14.400 pcs. per pallet
				
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 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800324 A mill finish material: weight: packaging:	EN AW 6063 / T66, TPE 0,101 kg/Stk 150 pcs. per box / 9.000 pcs. per pallet
				
artikel-nr: 16924 product-nr: 800324	Laminate end clamp CLICK SHARP L=200mm for Sharp modules 1437/3, 1896 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800324 B mill finish material: weight: packaging:	EN AW 6063 / T66, EPDM 0,168 kg/Stk 80 pcs. per box / 4.800 pcs. per pallet
				

laminate clamps

artikel-nr: 17065
product-nr: 800324

Laminate end clamp CLICK 5.0
L=120mm
for modules with thickness from 5.0 - 6.2 mm
1643

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number: 800324 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,067 kg/Stk
packaging: 150 pcs. per box / 9.000 pcs. per pallet



artikel-nr: 17201
product-nr: 800324

Laminate end clamp CLICK 3.0
L=100mm
for modules with thickness from 3.0 - 4.2 mm
1916

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.Delivered WITHOUT SCREW AND NUT!

drawing number: 800324 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,084 kg/Stk
packaging: 180 pcs. per box / 10.800 pcs. per pallet



artikel-nr: 17464
product-nr: 800324

Laminate 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.Delivered WITHOUT SCREW AND NUT!

drawing number: 800324
material: EN AW 6063 / T66; EPDM/Silicone

weight:
packaging:

artikel-nr: 17711
product-nr: 800324

Laminate end clamp CLICK 3.8
L=80mm
for modules with thickness from 3.0 - 4.2 mm
1916

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number: 800324 A
surface: mill finish

material: EN AW 6063 / T66; EPDM
weight: 0,067 kg/Stk
packaging: 220 pcs. per box / 13.200 pcs. per pallet



laminate clamps

artikel-nr: 17772
product-nr: 800324

Laminate end clamp CLICK SHARP

L=160mm
For Sharp modules
1437/3, 1896

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66, EPDM
0,168 kg/Stk
90 pcs. per box / 5.400 pcs. per pallet



artikel-nr: 17866
product-nr: 800324

Laminate end clamp CLICK SMARTENERGY

L=100mm
for Smartenergy modules
1437/1, S1989

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66, EPDM
0,076 kg/Stk
150 pcs. per box / 9.000 pcs. per pallet



artikel-nr: 19946
product-nr: 800324

Laminate end clamp Click 6.8 TPE 80

L=80mm
We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66; TPE KA-107
0,065 kg/Stk
220 pcs. per box / 13.200 pcs. per pallet



laminate clamps

artikel-nr: 21462
product-nr: 800324

Laminate end clamp CLICK 6.8
L=150mm
for modules from
and for modules with thickness from 6.8 - 8.0mm
1437/2

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324 A
mill finish

material:
weight:
packaging:

EN AW 6063 / T66, TPE
0,128 kg/Stk
120 Stk. pro Krt. / 7.200 Stk. pro Pal.



artikel-nr: 17207
product-nr: 800324-E6/C35

Laminate 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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324-E6/C35 A
bars anodized in E6/C35

material:
weight:
packaging:

EN AW 6063 / T66; TPE
0,084 kg/Stk
180 pcs. per box / 10.800 pcs. per pallet



artikel-nr: 17209
product-nr: 800324-E6/C35

Laminate 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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324-E6/C35 A
bars anodized in E6/C35

material:
weight:
packaging:

EN AW 6063 / T66; TPE
0,067 kg/Stk
220 pcs. per box / 13.200 pcs. per pallet



laminate clamps

artikel-nr: 17312 product-nr: 800324-E6/C35	Laminate end clamp CLICK SHARP black L=200mm for Sharp modules 1437/3, 1896 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800324-E6/C35 B bars anodized in E6/C35 material: weight: packaging:
			EN AW 6063 / T66, EPDM 0,154 kg/Stk 90 pcs. per box / 5.400 pcs. per pallet
artikel-nr: 17428 product-nr: 800324-E6/C35	Laminate 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 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800324-E6/C35 A bars anodized in E6/C35 material: weight: packaging:
			EN AW 6063 / T66; TPE 1,000 kg/Stk 150 pcs. per box / 9.000 pcs. per pallet
artikel-nr: 17477 product-nr: 800324-E6/C35	Laminate end clamp CLICK 5.0 black L=80mm for modules with thickness from 5.0 - 6.2 mm 1643/2 We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800324-E6/C35 A bars anodized in E6/C35 material: weight: packaging:
			EN AW 6063 / T66; EPDM 0,069 kg/Stk 240 pcs. per box / 14.400 pcs. per pallet

laminate clamps

artikel-nr: 17532
product-nr: 800324-E6/C35

Laminate end clamp CLICK 6.8 black
L=200mm
for modules with thickness from 6.8 - 8.0 mm
1437/3

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324-E6/C35 A
bars anodized in E6/C35

material:
weight:
packaging:

EN AW 6063 / T66; TPE
0,169 kg/Stk
90 pcs. per box / 5.400 pcs. per pallet



artikel-nr: 17565
product-nr: 800324-E6/C35

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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324-E6/C35 A
bars anodized in E6/C35

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,084 kg/Stk
180 pcs. per box / 10.800 pcs. per pallet



artikel-nr: 17704
product-nr: 800324-E6/C35

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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324-E6/C35 A
bars anodized in E6/C35

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,084 kg/Stk
180 pcs. per box / 10.800 pcs. per pallet



laminate clamps

artikel-nr: 22217
product-nr: 800324-E6/C35

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

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324-E6/C35 A
bars anodized in E6/C35

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,067 kg/Stk
220 pcs. per box / 13.200 pcs. per pallet



artikel-nr: 22523
product-nr: 800324-E6/C35

Laminate end clamp CLICK 6.8 black
L=150mm
We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324-E6/C35 A
bars anodized in E6/C35

material:
weight:
packaging:

EN AW 6063 / T66, TPE
0,128 kg/Stk
120 Stk. pro Krt. / 7.200 Stk. pro Pal.



artikel-nr: 22897
product-nr: 800324-E6/C35

Laminate end clamp CLICK 5.0 black
L=120mm
for modules with thickness from 5.0 - 6.2 mm
1643/2

We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps.
Delivered WITHOUT SCREW AND NUT!

drawing number:
surface:

800324-E6/C35 A
bars anodized in E6/C35

material:
weight:
packaging:

EN AW 6063 / T66; EPDM
0,067 kg/Stk
150 pcs. per box / 9.000 pcs. per pallet



artikel-nr: 22283 product-nr: 800323	Laminate middle clamp Click Solibro SC2 L=120mm We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800323 mill finish
		material: weight: packaging:	finished part EN AW 6063 T66; TPE 0,120 kg/Stk 100 Stk. pro Krt. / 6.000 Stk. pro Pal.
artikel-nr: 22285 product-nr: 800323-E6/C35	laminate middle clamp click Solibro SC2 black L=120mm We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800323-E6/C35 bars anodized in E6/C35
		material: weight: packaging:	finished part EN AW 6063 T66; TPE 0,120 kg/Stk
artikel-nr: 22284 product-nr: 800324	Laminate end clamp Click Solibro SC2 L=120mm We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800324 mill finish
		material: weight: packaging:	finished part EN AW 6063 T66; TPE 0,096 kg/Stk 150 Stk. pro Krt. / 9.000 Stk. pro Pal.
artikel-nr: 22286 product-nr: 800324-E6/C35	laminate end clamp click Solibro SC2 black L=120mm We recommend in principal to secure laminate modules mounted in portrait using clamps at the long module sides with an anti-sliding component against sliding off the laminate clamps. Delivered WITHOUT SCREW AND NUT!	drawing number: surface:	800324-E6/C35 bars anodized in E6/C35
		material: weight: packaging:	finished part EN AW 6063 T66; TPE 0,096 kg/Stk

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