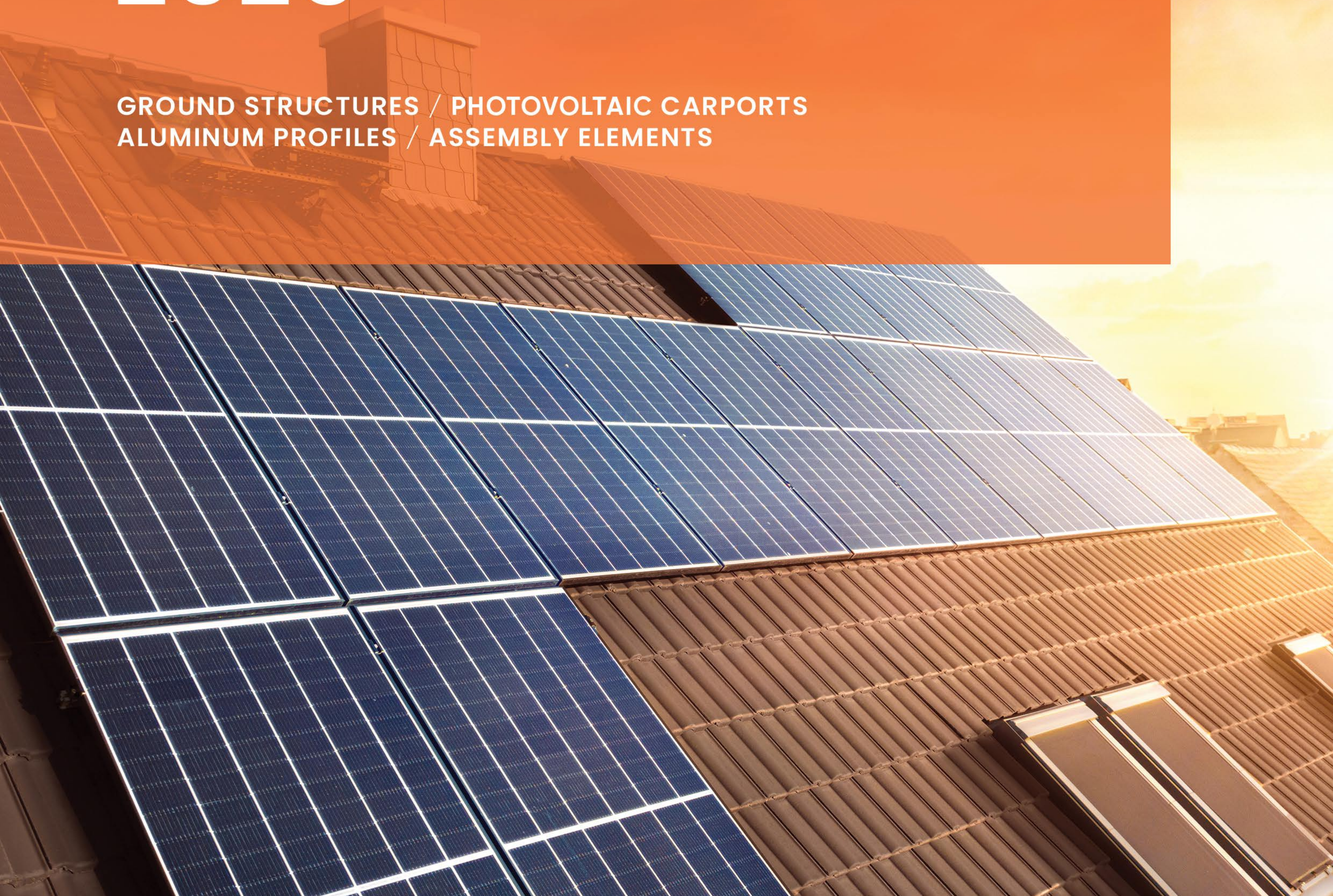




**SOLAR
MOUNT**
PHOTOVOLTAIC SYSTEMS

PRODUCT CATALOG 2025

GROUND STRUCTURES / PHOTOVOLTAIC CARPORTS
ALUMINUM PROFILES / ASSEMBLY ELEMENTS



[solar**mount**.pl](https://solarmount.pl)

Two-support structures

We offer comprehensive solutions for ground-mounted photovoltaic structures, which provide a solid foundation for installing solar panels on the ground.

Our structures are an ideal solution for large photovoltaic farms and other investments that require the use of spacious areas.



Two-support structures – 3 panels horizontally

Material	Steel-magnelis
Panel location	Horizontal
Angle	30 degrees



Two-support structures – 2 panels vertically

Material	Steel-magnelis
Panel location	Vertical
Angle	30 degrees

Photovoltaic carports are innovative carports equipped with solar panels that produce electricity. They combine functional vehicle protection from weather conditions with an ecological source of electricity. This is an ideal solution for homes and businesses that want to reduce energy bills and increase energy independence.



Carport - single-support structure

Material	Aluminum / Magnelis Steel
Panel location	Vertical / Horizontal
Angle	10 degrees
Installation	Anchor
Direction	South
Number of modules	15



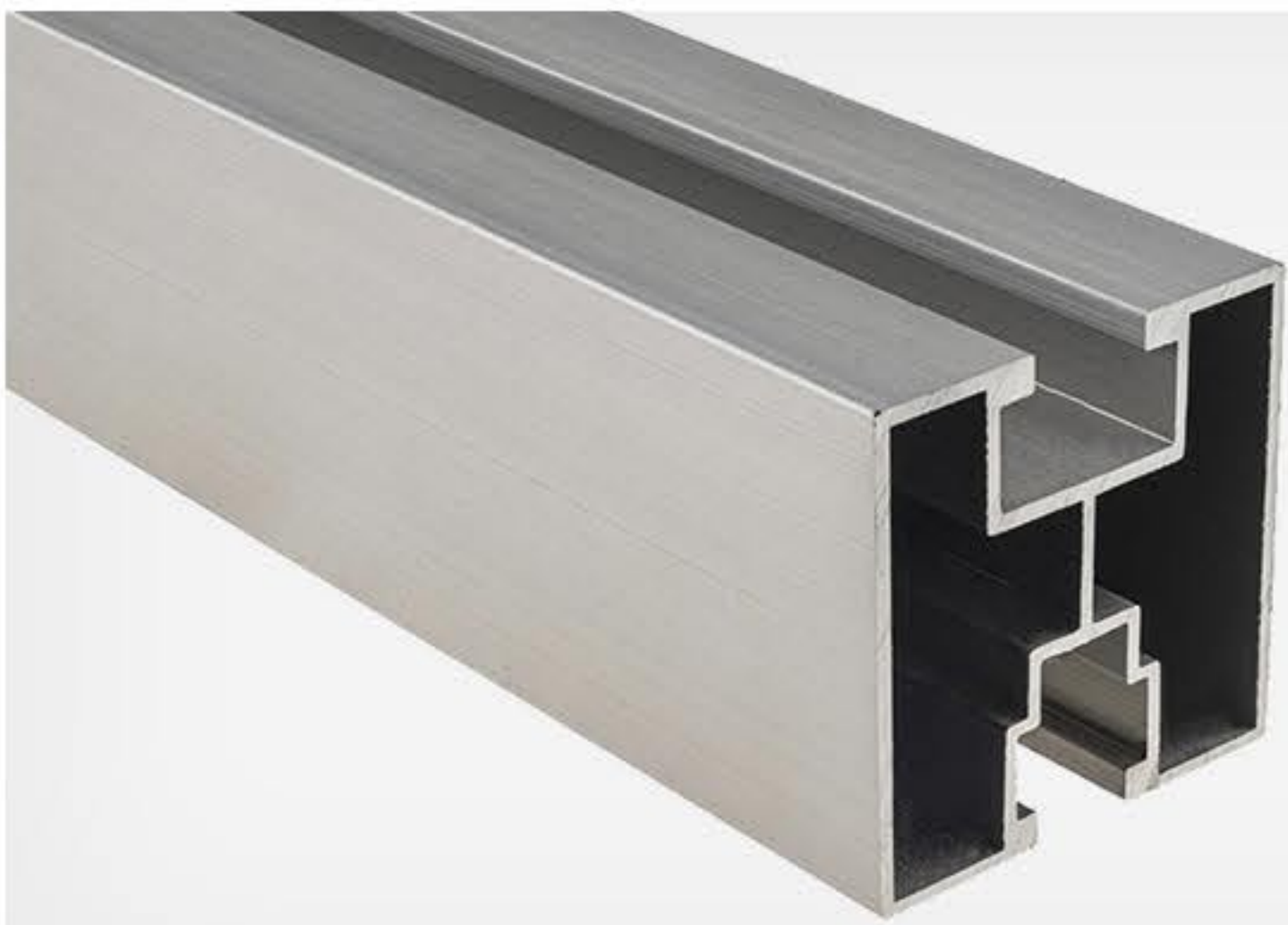
Carport - two-support structure

Material	Aluminum / Magnelis Steel
Panel location	Vertical / Horizontal
Angle	10 degrees
Installation	Anchor
Direction	South
Number of modules	15



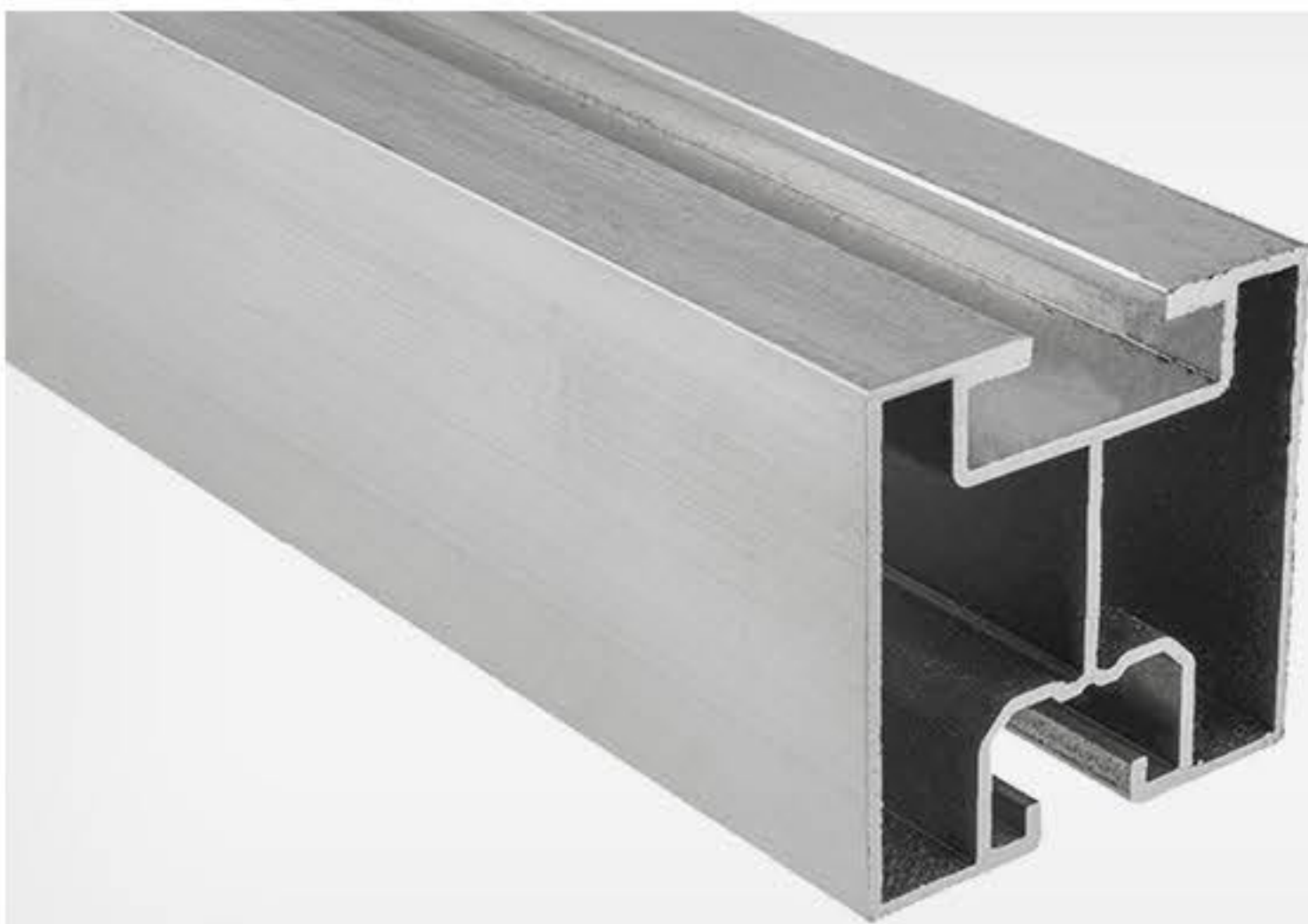
Carport - two-support structure type 2

Material	Aluminum / Magnelis Steel
Panel location	Vertical / Horizontal
Angle	10 degrees
Installation	Anchor
Direction	South
Number of modules	15



Profile for Hex-Bolt (silver, black)

Material	Aluminium
Dimensions (mm)	40 / 40 / 1,2
Weight (kg/m)	0,81



Profile for T-Bolt (silver, black)

Material	Aluminium
Dimensions (mm)	40 / 40 / 1,2
Weight (kg/m)	0,81



Profile for T-Bolt and cable (silver, black)

Material	Aluminium
Dimensions (mm)	40 / 45 / 1,2
Weight (kg/m)	1



Angle bracket (3mm)

Material	Aluminium
Dimensions (mm)	40x40x3
Weight (kg/m)	0,63



Angle bracket (4mm)

Material	Aluminium
Dimensions (mm)	40x40x4
Weight (kg/m)	0,84



Trapezoidal bridge: T40

Material	Aluminium
Dimensions (mm)	114 / 40
Weight (kg/m)	1,2



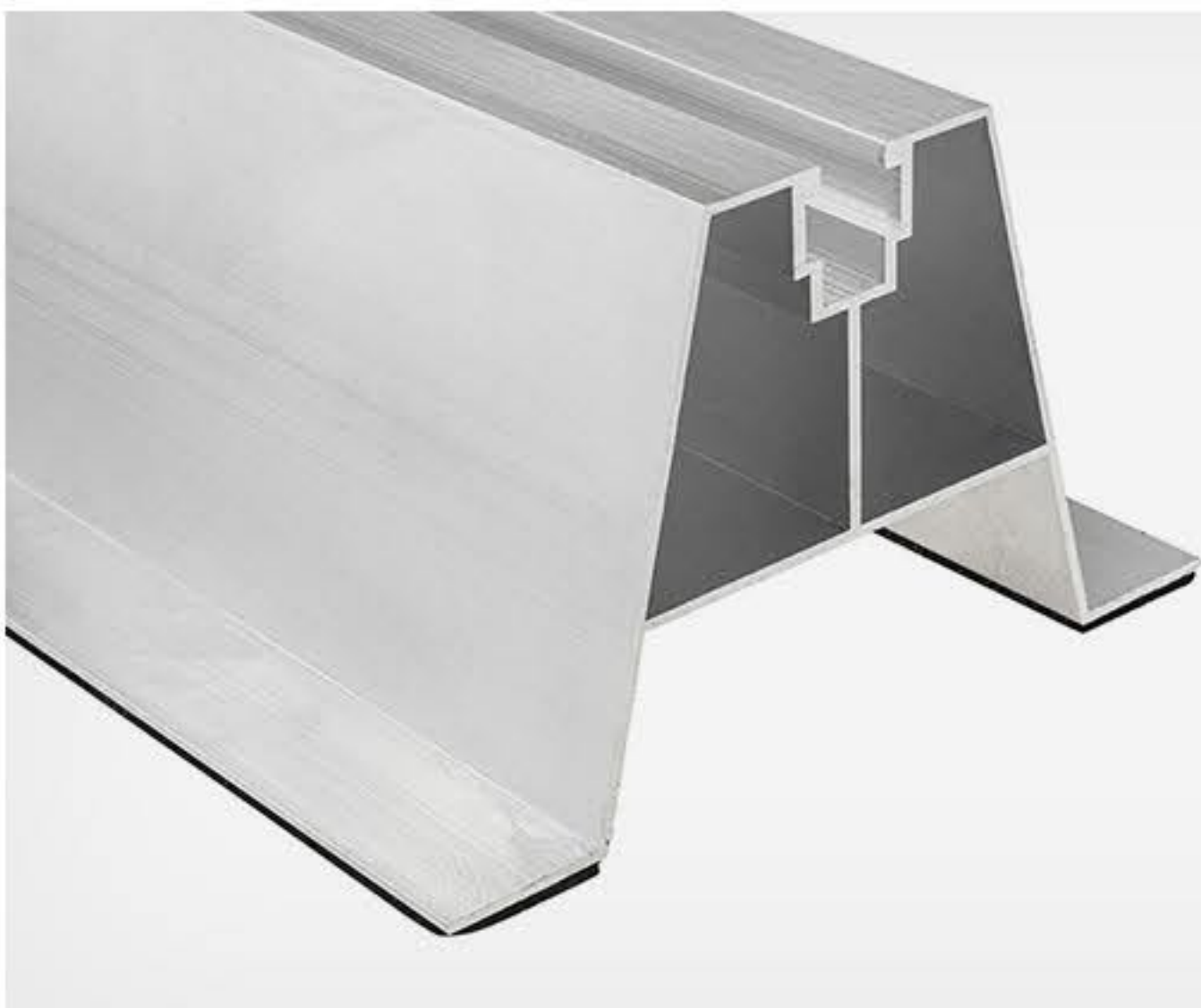
Trapezoidal bridge: T60

Material	Aluminum
Dimensions (mm)	140 / 60
Weight (kg/m)	1,09



Trapezoidal bridge: T60 (slanting)

Material	Aluminum
Dimensions (mm)	140 / 60
Weight (kg/m)	1,09



Trapezoidal bridge: T70

Material	Aluminum
Dimensions (mm)	114 / 70
Weight (kg/m)	1,27



Trapezoidal bridge: T100

Material	Aluminum
Dimensions (mm)	114 / 100
Weight (kg/m)	1,59





Allen key bolt: M8 x 20/25/30/35/40

Material	Stainless steel
Height (mm)	20 / 25 / 30 / 35 / 40
Diameter (mm)	8



Hexagon head bolt: M8 x 20/25/30

Material	Stainless steel
Height (mm)	20 / 25 / 30
Diameter (mm)	8



Hexagon head bolt: M10 x 20/25/30

Material	Stainless steel
Height (mm)	20 / 25 / 30
Diameter (mm)	10



T-Bolt: M8 x 20/25/30

Material	Stainless steel
Height (mm)	20 / 25 / 30
Diameter (mm)	8



T-Bolt: M10 x 20/25/30

Material	Stainless steel
Height (mm)	20 / 25 / 30
Średnica (mm)	10



Hanger bolt: M10 x 200/250/300

Material	Stainless steel
Width / Height (mm)	20 / 25
Length (mm)	200 / 250 / 300



Wood screw: M8 x 60/80/100

Material	Stainless steel / galvanized steel
Height (mm)	60 / 80 / 100
Diameter (mm)	8



Sheet metal screw

Material	Bi-Metal
Length (mm)	25
Diameter (mm)	6



Flange nut M8

Material	Stainless steel
Height (mm)	8
Diameter (mm)	17,9



Flange nut M10

Material	Stainless steel
Height (mm)	10
Diameter (mm)	21



Square nut M8

Material	Stainless steel
Width / Height (mm)	13 / 6,5
Diameter (mm)	8



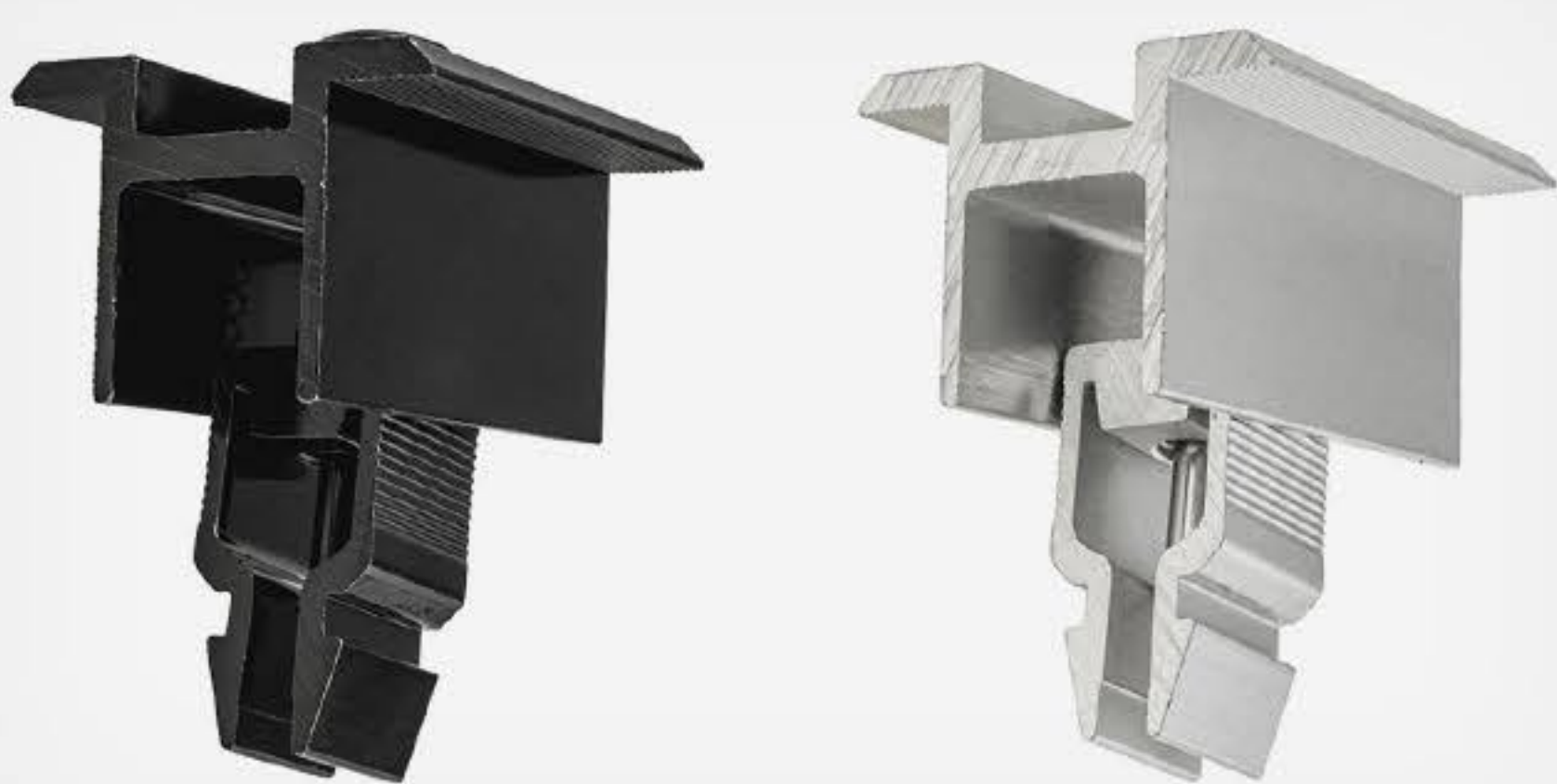
Slot nut

Material	Aluminum
Width / Height (mm)	13 / 10
Length (mm)	22



Central clamp (silver, black)

Material	Aluminum
Width / Height (mm)	20 / 25
Length (mm)	50



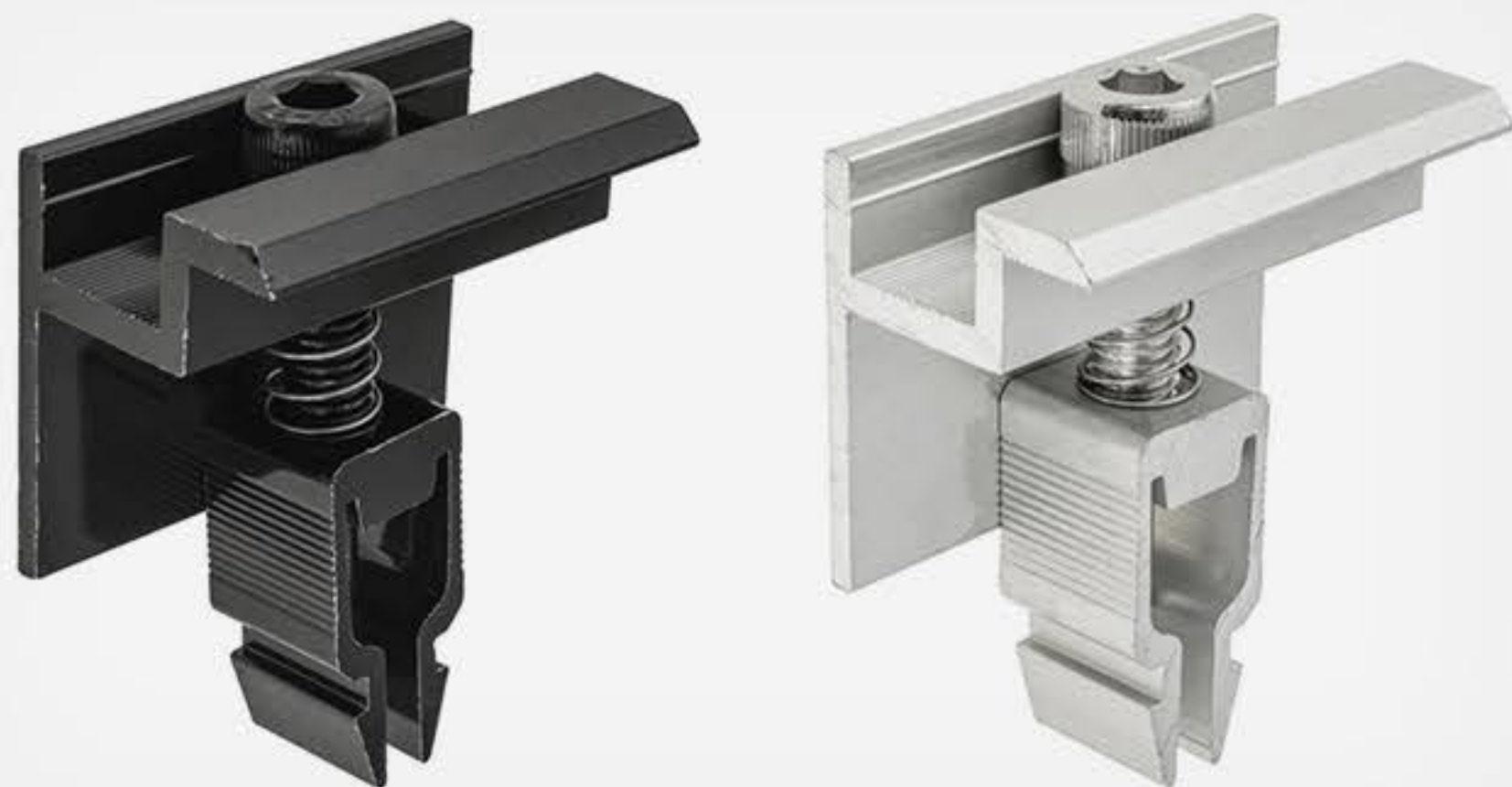
Central clamp KLIK (silver, black)

Material	Aluminum
Length / Width (mm)	50 / 35,5
Height (mm)	23



End clamp: 30/35 (silver, black)

Material	Aluminum
Height (mm)	33 / 44
Szerokość (mm)	27



End clamp KLIK: 30/35 (silver, black)

Material	Aluminum
Length / Width (mm)	50 / 33,5
Height (mm)	43,5



Fastener for ssembly profiles (silver, black)

Material	Aluminum
Length / Width (mm)	120 / 45
Height (mm)	25



Assembly adapter M10

Material	Stainless steel
Length / Width (mm)	80 / 30
Thickness (mm)	4



Plastic cap: 40x40 (grey, black)

Material	Plastic
Length / Width (mm)	44
Height (mm)	31



Grounding plate

Material	Stainless steel
Length / Width (mm)	40
Height (mm)	6



Vario double-adjustable hook

Material	Stainless steel
Length / Width (mm)	195 / 140
Height (mm)	135-175



Seamless sheet metal bracket

Material	Stainless steel
Length / Width (mm)	90 / 44
Height (mm)	44



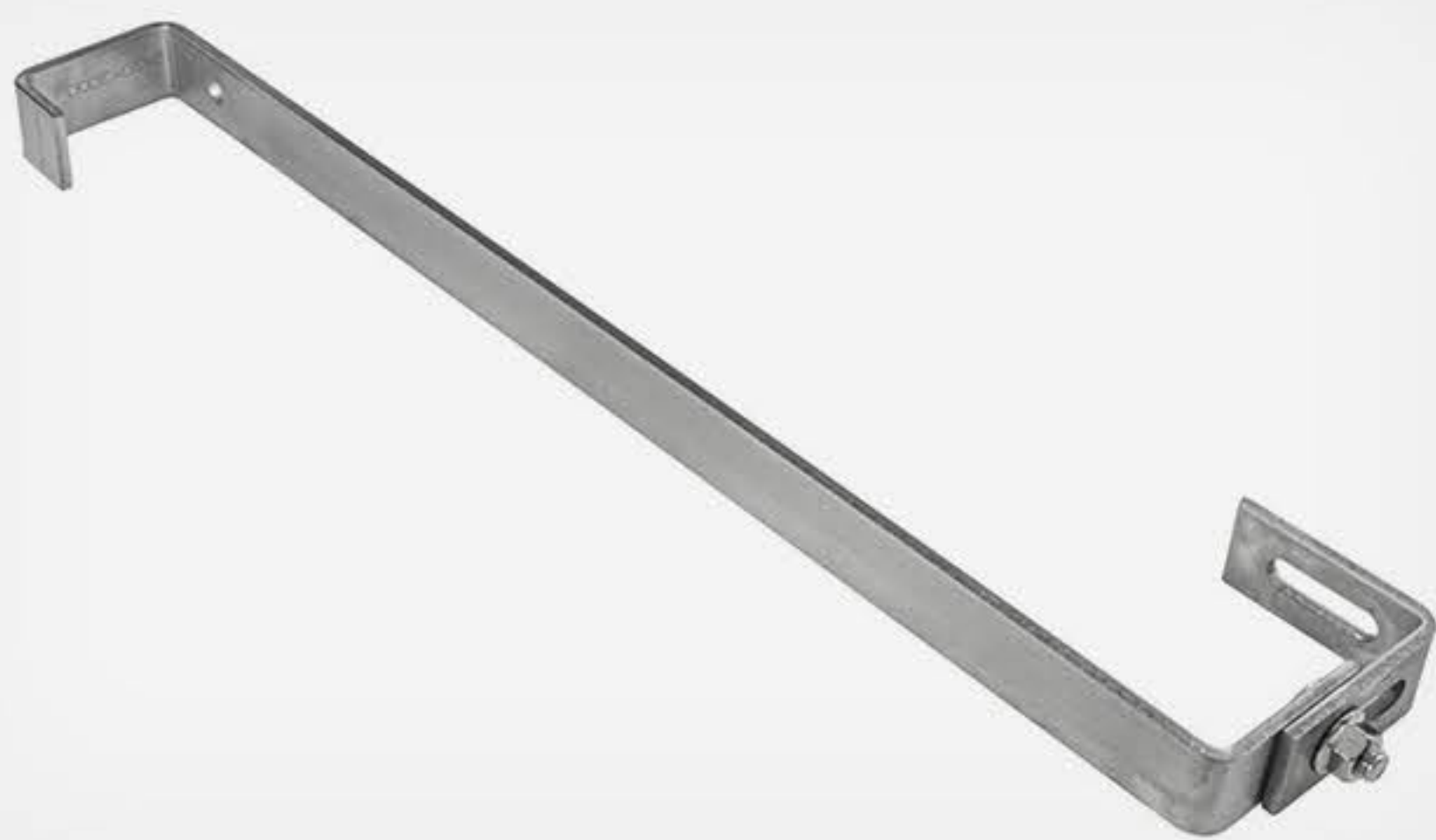
Hook for trapezoidal sheet roof

Material	Stainless steel
Length / Width (mm)	65
Height (mm)	56



Z type roof hook width EPDM (adjustable)

Material	Stainless steel
Length / Width (mm)	135 / 75
Height (mm)	45 - 65



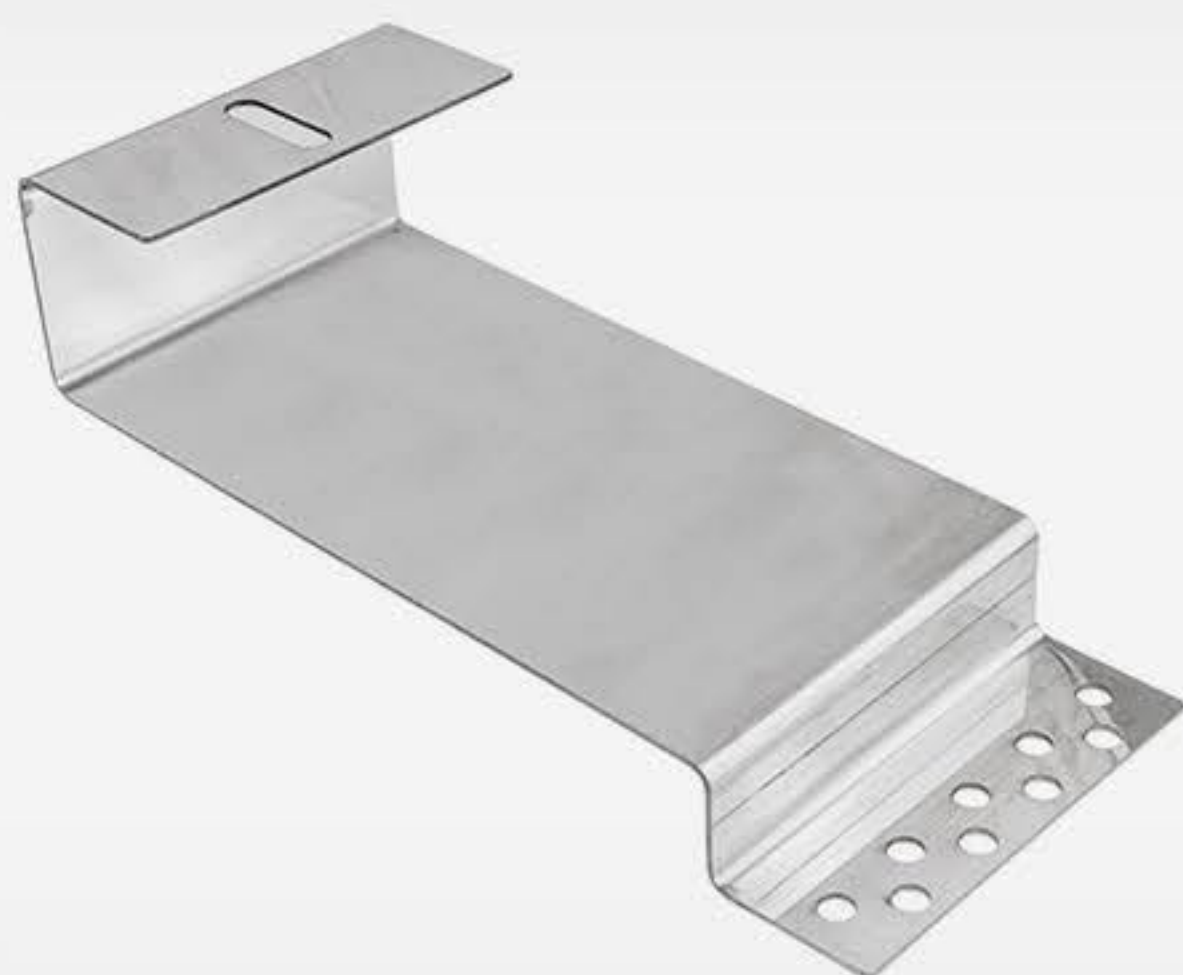
S type roof hook – not adjustable/adjustable

Material	Stainless steel
Length / Width (mm)	470, 520 / 30
Height (mm)	4/5



Hook for plain tile roof (adjustable)

Material	Stainless steel
Length / Width (mm)	300 / 30
Height (mm)	70-100



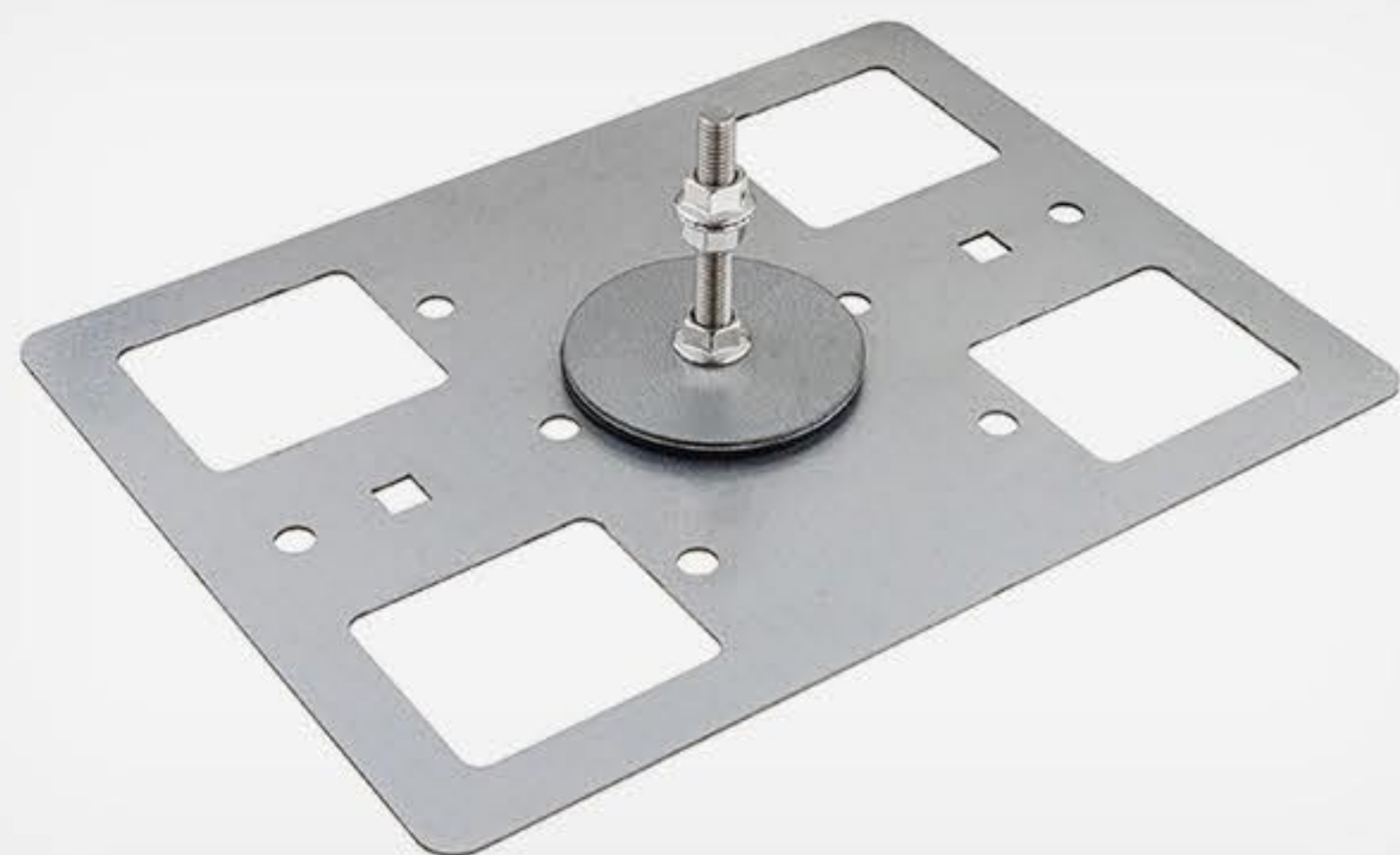
Hook for plain tile roof (wide)

Material	Stainless steel
Length / Width (mm)	300 / 135
Height (mm)	240



J type roof hook (adjustable)

Material	Stainless steel
Length / Width (mm)	30x4 mm
Height (mm)	75-105



Holder for welding on roofing felt/membrane (Magnelis)

Dimensions (mm)	300x225x1.5
The set includes: mounting plate, pressure washer, EPDM washer Ø80, M10x80 carriage bolt, 3x flange nut	



EPDM ballast profile for flat roof

Material	Aluminum 5mm
Length (mm)	1240 / 324,5mm
Height (mm)	600 / 324,5mm
Tilt angle (degrees)	15 / 30



Horizontal triangle H: 15 / 25 / 35 degrees

Material	Aluminum 3/4mm
Length (mm)	827 / 910 / 967
Width (mm)	40
Height (mm)	290 / 446 / 590
Counter-Angle (mm)	1000



Vertical triangle V: 15 / 25 / 35 degrees

Material	Aluminum 3/4mm
Length (mm)	1318 / 1454 / 1547
Width (mm)	40
Height (mm)	445 / 700 / 935
Counter-Angle (mm)	1600



Ballast structure - wide triangle

Material	Magnelis / Stainless steel
Dimensions (mm)	1300x1250x 340
Width (mm)	130
Thickness (mm)	1
Tilt angle (degrees)	15 / 20



Solar cable (4/6mm)

Wire cross-section (mm ²)	4 / 6
Cable thickness (mm)	4 / 6
Color	black / red



Installation LGY cable

Wire cross-section (mm ²)	16
Rated voltage UO	450V / 750V
Color	green-yellow



**SOLAR
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Questions, advice and shopping support.
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