

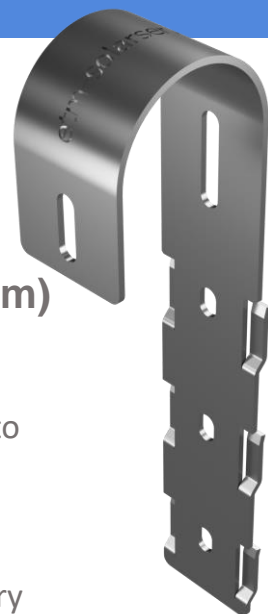


SOLAR-HOOK GmbH

# SOLAR-HOOK – mounting system

easy to install • double safety • flexible

especially developed for balconys with round handrails (max. 50 mm ø) and rectangular handrails (max. WxH 60x30mm)



Your advantages:

- hang solar modules on your balcony railing, similar to flower boxes
- double safety by means of flaps and screws
- max. flexibility when aligning the solar module
- no structural changes to the balcony railing necessary
- microinverter to be mounted directly to the SOLAR-HOOK
- high-quality components - V2A – aluminium - plastics
- all necessary parts in one set
- all screws and small parts included in the package

 100%  
made in  
GERMANY

## quattro - SOLAR-HOOK - original



# SOLAR-HOOK – mounting system

easy to install • double safety • flexible

## Technical data

**Solar-Hook:** certified mounting bracket including suitable screws and washers

dimensions: 209x54x38 mm (LxWxD), 2 mm thickness  
weight: 175 g per mounting bracket  
With moulded flaps and phase as insertion aid for individual installation to the solar module as well as screws M6x20 and M6x65 with fitting nuts and washers



**Solar-Hook Quattro**  
Certified mounting bracket including suitable screws and washers

Alternatively for rectangular handrails  
dimensions: 189x67x38 mm (LxWxD), 2 mm thickness  
weight: 175 g per mounting bracket  
Screws and washers as above

**E-clamps Type\_E**  
rectangular vertical balcony bars

Aluminium, with an allen screw (Torx-30 internal thread) - opening 14mm x 22mm (WxD) and M8-thread incl. M8x16 stainless steel screw A2-70, full thread, hexagon with flange and locking teeth (not shown)



**R-clamps Type\_R**  
Round vertical balcony bars

Aluminium with a pair of fixing screws directed against each other, threaded hole M8, opening 23x36mm (WxD) and stainless steel screw as above, plus fitting V2A-arch



**Photovoltaic-mounting rail**

extremely strong, to fix the panel at its lower end, Aluminium, 52x47mm (WxH), length 1800mm (+/-5mm) (adjustable for longer PV modules on request)



**Modul-Endklemmen/ -Mittelklemmen**

PV module clamps with slip-in profile, Aluminium, pre-mounted incl. screw, black anodized, module frame 30-42mm



## Materials

Solar-Hook: DIN EN 1090-2 stainless steel 1.4301/1.4307 according to DIN EN 10088-4 (A2)  
Screws and nuts: mushroom head bolt with collar and force application hexagon socket ISK 4 M6x20 and M6x65 from A2-070 according to DIN EN ISO 7380-2, mushroom head bolt with collar and force application hexalobular TX30 M6x20 and M6x65 from A2-070 according to DIN 34805-2, hexagon nuts with flange and und slip-in profile M6 from A2-70 according to DIN 6926 resp. DIN EN 1663, hexagon nuts with flange M6 from A2-70 according to DIN 6923 resp. DIN EN 1661

For more information see installation manual – preparation and assembly of the fastening system on [www.solar-hook.de](http://www.solar-hook.de) or QR-Code

