# ALUMERO

# AS 2.1
# ROOF HOOKS

## DATA SHEET

# ROOF HOOKS AS 2.1

## The big 'Plus'

+ A variety of roof hooks for tiled, slate and beaver tail tiled roofs
+ Quickly and easily mounted due to pre-assembled components
+ Adjustable aluminium roof hooks
+ Pre-assembled quick mounting adapters for truss profiles: 37, 45 and 65
+ Stronger version due to harder aluminium alloy
+ Truss profiles can be mounted in parallel lines or in a lattice arrangement
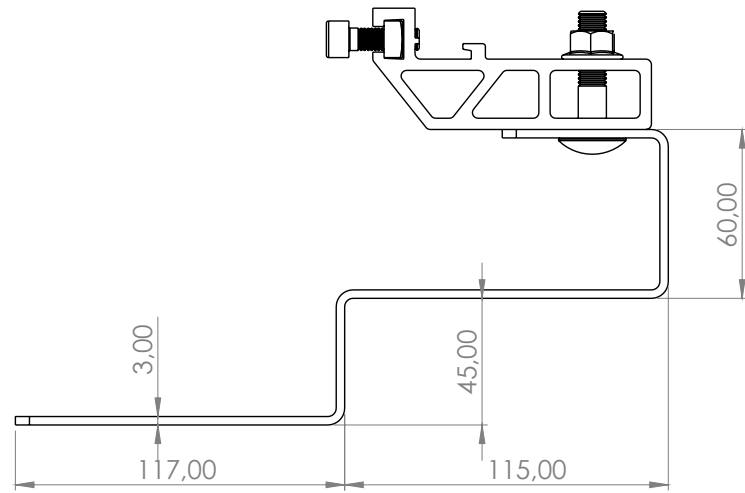+ Lightweight system for heavy duty deployment

SOLAR - MONTAGESYSTEME
ALUMERO
10 JAHRE
beste Funktionalität
QUALITÄTSGARANTIE
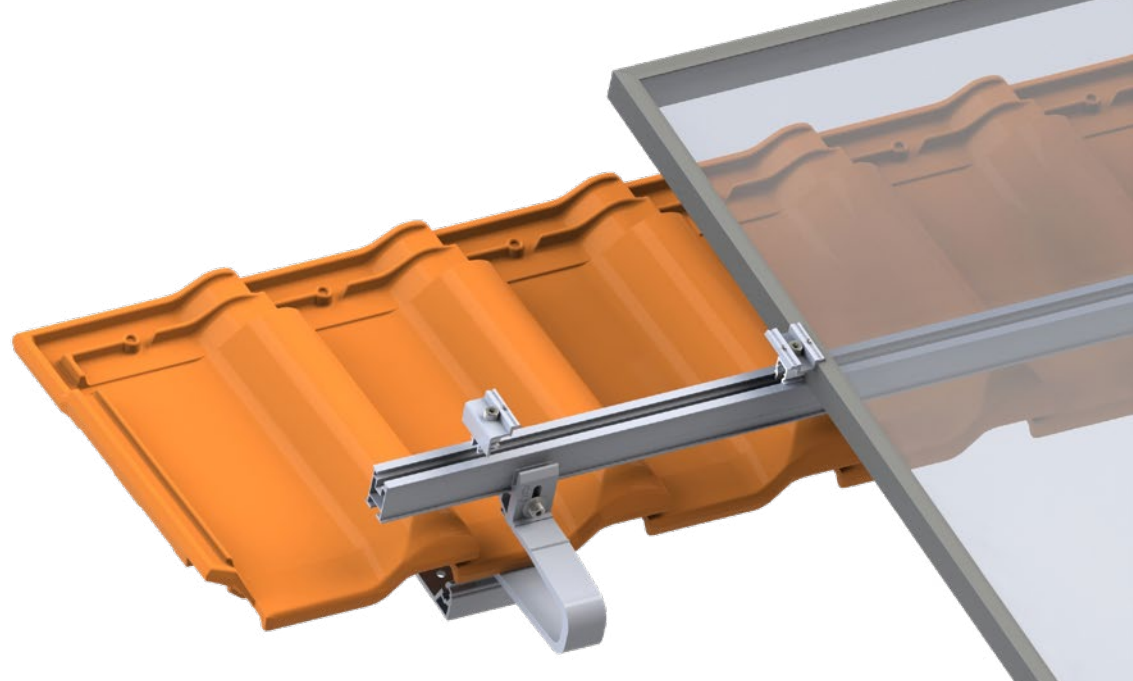
## Technical details

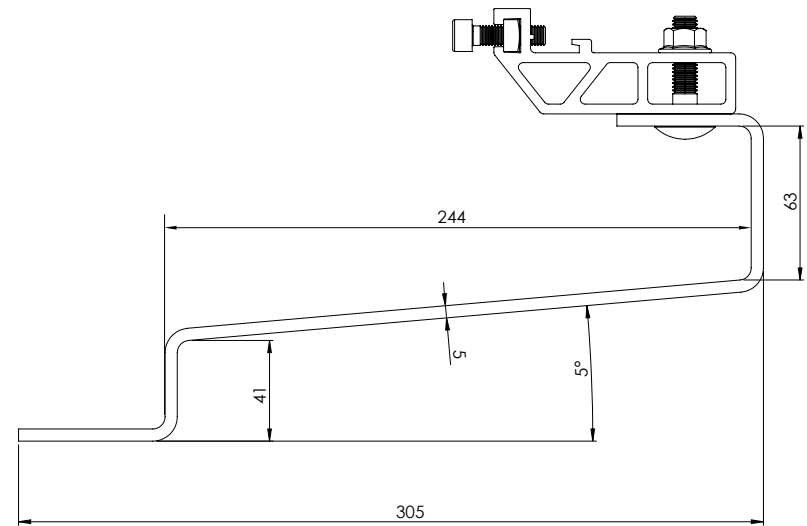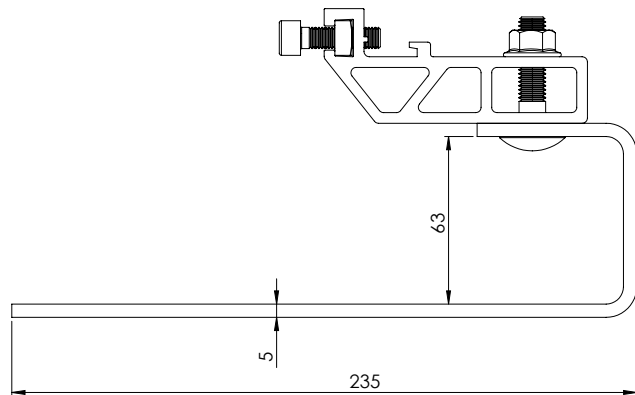| | |
|---|---|
| **Use:** | Clay tile, slate tile, beaver tail tiled roofs, Schiefer-, Biberschwanzdächer |
| **Roof gradients:** | 10°-60° |
| **Attachment method:** | Flat-head screws |
| **Mounting:** | Parallel to roof |
| **Distance to roof edge:** | Roof areas F and G can be used in compliance with EN 1991-1-4 |
| **Module direction:** | Vertical and horizontal |
| **Module dimensions:** | Length and width as required |
| **Maximum module field size:** | 12 metres along the rail |
| **Maximum wind/snow load:** | Calculated according to project specifics using Alumero.Pro.Tool online software |
| **Maximum building height:** | 25m (higher on request) |
| **Specific roof conditions:** | The structural load-bearing capacities of roof structures and building frames must be officially certified |
| **Materials:** | Load-bearing components made of aluminium EN AW 6005 T6; EN AW 7020 T6; EN AW 6063 T66 and stainless steel 1.4301; Small items made of A2-70 stainless steel |

MADE IN EUROPE

CERTIFIED IQNet MANAGEMENT SYSTEM

qualityaustria SYSTEM CERTIFIED ISO 9001:2008 No.01379/0

CE

qualityaustria CERTIFIED EN 1090 No.00015/0 EN 1090 No.00015/1 EN 1090 No.00015/2

MCS

IAF

UL CONFORMS TO SUB 2703

PCA AC 128 QMS

TÜVRheinland Precisely Right.

ALUMERO

# Technical drawings

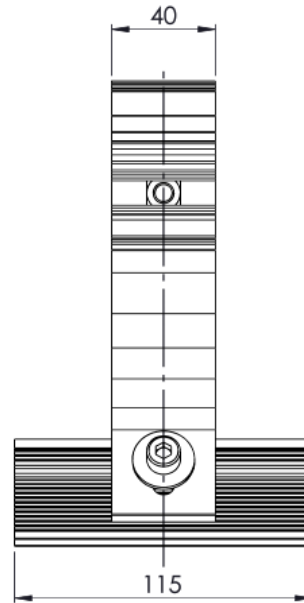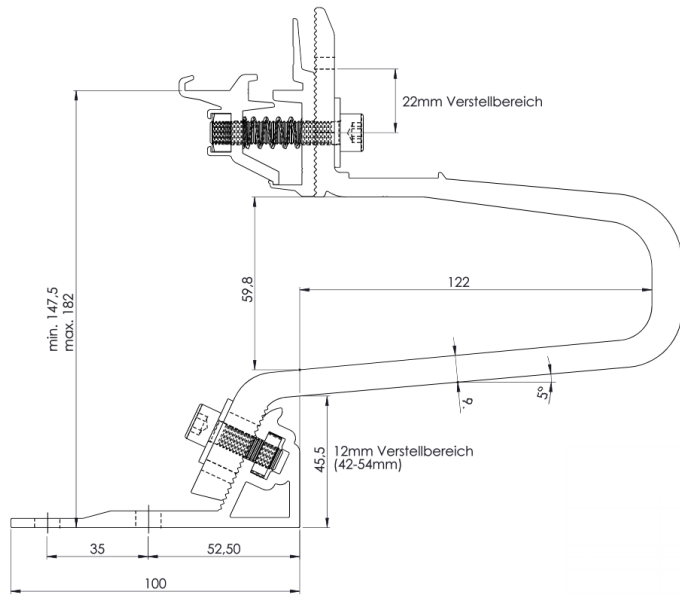### Roof hook Tegalit AS 2.1
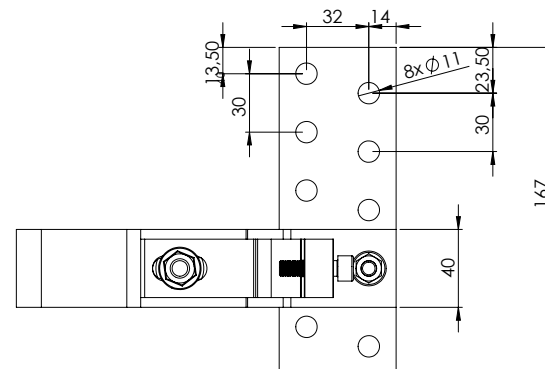


### Roof hook beaver tail AS 2.1



### Roof hook slate AS 2.1



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# Technical drawings

## Roof hooks AL13



22mm Verstellbereich

min. 147,5
max. 182

59,8

122

-6°

5°

12mm Verstellbereich
(42-54mm)

45,5

35

52,50

100

40

115

6x Ø 9

30  30  20

30  30  35

## Roof hooks 40×10



175

81

108

10°

5°

49

5

60

127

32  14

13,50

8x Ø 11

23,50

30

30

40

167
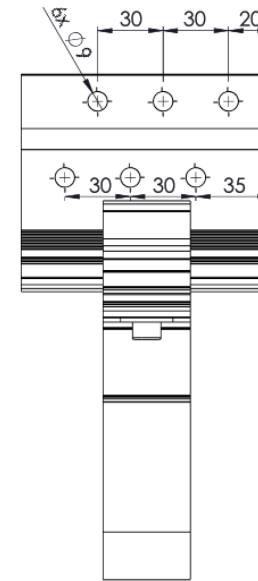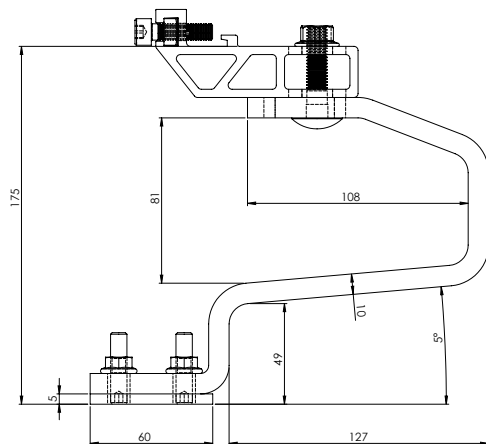
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# ALUMERO.PRO.TOOL

## 8-step project plan

**1** Master data

**2** Roof data

**3** Roof specifics

**4** PV modules

We give customers the opportunity to generate technical, project-related system set-ups, including statics calculations and project reports using the **Alumero.Pro.Tool** online software.

**5** Construction design

**6** CAD Plan

**7** Statics

**8** Materials list

PROJECT PLANNING SERVICES - ANY TIME & ANYWHERE

## System components

**Roof hook AL 13 / ALS 13**
Product number:
80241x

**Roof hook AL 13 X**
Product number:
802414

**Rapid-mount roof hook 40x10**
Product number:
802406

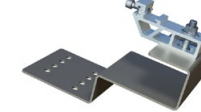**Flat-head screw**
Product number:
8006x

**Rapid-mount beaver tail  roof hook**
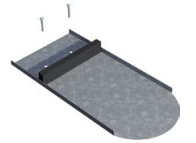Product number:
802425

**Rapid-mount slate roof hook**
Product number:
802423

**Rapid-mount Tegalit roof hook**
Product number:
802422

**Beaver tail replacement board AS 2.1**
Product number:
802620

**Cross connector 2.1**
Product number:
802200

**Truss profile**
Product number:
80210x

**Profile connector**
Product number:
80215x

**Brick replacememt board AS 2.1 Universal**
Product number:
350 Red - 802625
350 Black - 802626
420 Red - 802627
420 Black - 802628

# makes us stronger.