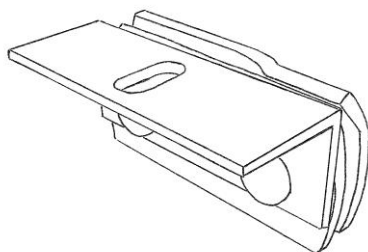
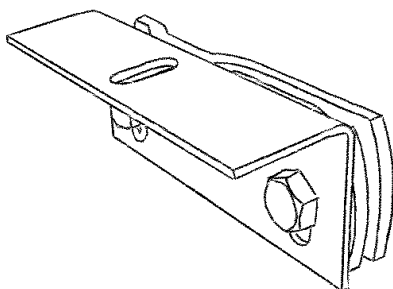


Clamp holder for solar- and collectormounting

Versions to mount on standing seam roof:

Aluminium (150 mm):	AlMgSi, Thickness 6 mm with angle-part ca. 40 x 60 x 3 mm	Article-No.:	LA-1411
Aluminium (110 mm):	AlMgSi, Thickness 6 mm with angle-part ca. 40 x 40 x 4 mm	Article-No.:	LA-1415
Aluminium (110 mm):	AlMgSi, Thickness 6 mm with angle-part ca. 40 x 60 x 4 mm	Article-No.:	LA-1416
Aluminium (110 mm):	AlMgSi, Thickness 6 mm with angle-part ca. 40 x 100 x 4 mm	Article-No.:	LA-1417
Copper (150 mm):	Complete copper, Thickness 5 mm with angle-part ca. 40 x 60 x 3 mm	Article-No.:	LA-1421
Stainless steel (150 mm):	V2A, CrNi-Steel AISI 304, Thickness 4 mm with angle-part ca. 40 x 60 x 2 mm	Article-No.:	LA-1431
Stainless steel (110 mm):	V2A, CrNi-Steel AISI 304, Thickness 6 mm with angle-part ca. 40 x 60 x 2 mm	Article-No.:	LA-1436
Stainless steel (110 mm):	V2A, CrNi-Steel AISI 304, Thickness 6 mm with angle-part ca. 40 x 100 x 2 mm	Article-No.:	LA-1437

Illustration:



Description:

Clamp holder for solar- and collectormounting for standing seam roof Length: 150 mm

Angle-part with oblong hole (on the longer item) to equalize roof irregularities. Use the oblong hole (11 x 25 mm) on the upper part in order to fix mounting rails.

Mount the angled-part with the included screw M 12 x 30 and Nut M12 on the bracket pair. Recommended torque: at least 50 Nm.

Clamp holder for solar- and collectormounting for standing seam roof Length: 110 mm

Use the oblong hole (11 x 25 mm) on the upper part in order to fix mounting rails.

Mount angled-part with the included screw (8 x 35 mm) and nut on the Bracket pair. Recommended torque: at least 50 Nm.

Packing unit: no

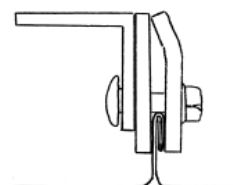
Clamp holder for solar- and collectormounting

Please also notice our „remarks to holding-force and statically considerations“.

REES clamp holder for solar- and collectormounting will be clamped on the seam from metal standing seam roofs.

Mounting:

- Install pre-mounted brackets on the standing seam that the cranking shows transposed to the inside. Now you will find a parallel gap which will fit on to the complete standing seam.
- For profile-sheets, place brackets that the profile surrounds the seam/bead.
- Use the included screws of the brackets in order to fix the solar mounting rails on the angled-item part. Install angle-part that the angle is on the left side of the brackets..



- Torque moment of mounting supports for standing seam and its holding force:

Torque-moment with at least 50 Newton-Meters (Metric system!):

= 80 kilogram-force-meter holding-force each bracket resp. 0.8 Kilo Newton (80 Kilograms each)

Medium-sized torque each clip on a standing seem roofing's (according to the regulations)

= holding force 400 N (= 40 kg / clip)

If you have any further questions, please contact us.

Attention:

To find out, how many mounting-brackets for solar-panels are necessary and what force of tightening-moment you need to apply, you have to consider the retention-force of the sub-construction, the expert regulations of the German plumping-crafts and the wind resistibility of the solar-panels.

Wind-suctions can cause additional safety management. Therefore you may have to fix the solar panels on the corner-, edge or/and the middle -parts as well! In case of any doubts it is indispensable to get further information from your local engineers, engaged in statically calculations.

Please note our large product range around metal roofs: snow retention systems, step brackets, solar holders and our program about clips. Further informations you will find on our homepage.