

Clamp-holder for solar- and collector mountings

Versions to mount on industrially pre-fabricated roof-system:

Roundhead (110 mm): Material: Aluminum	AlMgSi, Profile-Bracket thickness ca. 5 mm with angle-part ca. 40 x 40 x 4 mm, suitable for Kalzip, Bemo and similar profiles with round headed seam.	Article No.: LA-1331
Roundhead (110 mm): Material: Aluminum	AlMgSi, Profile-Bracket thickness ca. 5 mm with angle-part ca. 40 x 60 x 4 mm, suitable for Kalzip, Bemo and similar profiles with round headed seam.	Article No.: LA-1332
Roundhead (110 mm): Material: Aluminum	AlMgSi, Profile-Bracket thickness ca. 5 mm with angle-part ca. 40 x 100 x 4 mm, suitable for Kalzip, Bemo and similar profiles with round headed seam.	Article-No.: LA-1333
Roundhead (55 mm): Material: Aluminum	AlMgSi, Profile-Bracket thickness ca. 5 mm with angle-part ca. 40 x 40 x 4 mm, suitable for Kalzip, Bemo and similar profiles with round headed seam.	Article No.: LA-1335
Roundhead (55 mm): Material: Aluminum	AlMgSi, Profile-Bracket thickness ca. 5 mm with angle-part ca. 40 x 60 x 4 mm, suitable for Kalzip, Bemo and similar profiles with round headed seam	Article No.: LA-1336
Packing unit:	No	

Description:

Mounting brackets for solar- and collector mounting for tapping on the round headed seam. (Kalzip, Bemo and similar)
Length: 110 mm or 55 mm

Use the oblong hole (11 x 25 mm) on the top of the brackets to fix it on the mounting rail.

The angle-part item will be fixed with carriage-bolts 8 x 35 mm and its nuts (both included) on the bracket-pair. The bolts have to be fixed with a tightening moment of at least 26 pound force feet (lbf ft.)!
(Metric-system: 35 Newton-Meters)

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Illustration:



Solarholder 110 mm
for round-head seam



Solarholder 55 mm
for round-head seam

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

Mounting brackets for solar- and collector installations will be clamped onto the round-head seam of metal roofs.

Mounting:

- mount pre-installed brackets on the round-headed seam, so that the upper lug shows to the inside. Then you will find a parallel gap which will fit onto the complete round-headed seam.
- Use the included screws of the brackets in order to mount fixing appliances of the solar-panels on the angled-item part.
- **Torque moment of mounting supports for Profile-Sheets and its holding force:**
Torque-moment with at least 26 pound force feet! Metric-System: 35 Newton-Meters!
= 80 kilogram-force-meter holding force each bracket resp. 0.8 Kilo Newton (80 Kilograms each)
resp. 176 pounds (avdp-system) each bracket. Please also ask your local engineers.

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 regulations of the expert German plumping-crafts and the wind resistibility of the solar-panels.

Wind suctions can cause an 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.

If you have any further questions, please contact us.

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