



SCHLETTER
The Solar Mounting Group

SEAM CLAMPS

PRODUCT SHEET

SEAM ROOFS

LARGE SELECTION OF MOUNTING SOLUTIONS FOR STANDING SEAM ROOFS

Schletter seam clamps offer perfect mounting solutions for almost any type of seam roof. Thanks to the Click-Top option, systems are comfortably connected from above. Alternatively, our FixPlan system also enables direct mounting into the substructure (see FixPlan product sheet).

- **Direct mounting**
- **Quick mounting**
- **project specific structural analysis**

ABBREVIATIONS:

AL = Aluminium clamp

VA = Stainless steel clamp

KK = Click-top channel for direct module clamp connection (horizontal modules) or Rapid cross-connector

ARTICLE OVERVIEW

112001-000	503 VA seam clamp for standing seam roof	VPE:50
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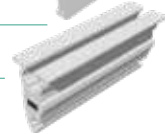


Please note: In case of titanium zinc sheet metal, the load-bearing capacity of the seams must be observed.

112001-005	503 Rapid AL KK seam clamp for standing seam roof
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112001-010	504 AL KK seam clamp for standing seam roof
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Particularly suitable for double standing seam roofs made of titanium zinc sheet metal

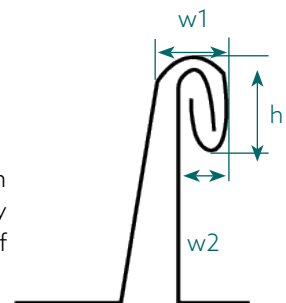
Possible seam dimensions (observe dimensional drawing):

$h = 11 - 13 \text{ mm}$

$w1 = 4 - 6 \text{ mm}$

$w2 = \text{max. } 3 \text{ mm}$

The 504 seam clamp was developed in cooperation with Rheinzink for applications on double standing seam roofs made of titanium zinc sheet metal and also approved by Rheinzink. Profiles mounted on the standing seam clamps must not exceed a length of 3 m without thermal separation.



112002-003	510 Rapid AL KK seam clamp for KalZip and similar VPE: 50
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112003-003	520 Rapid Zambelli RibRoof465 seam clamp	VPE: 50
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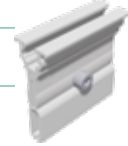
112004-002	522 Rapid AL KK Zambelli RibRoof500 seam clamp	VPE: 50
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For Zambelli RibRoof, structural width 500 and similar



112006-002	524 Rapid AL KK Fischer KlipTec seam clamp	VPE: 50
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For Fischer KlipTec 52/400 and similar

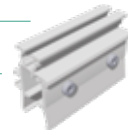


112007-000	525 VA seam clamp for Domico Domitec	VPE: 50
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112012-002	540 Rapid AL KK seam clamp for KlipLok 700/406	VPE: 50
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For KlipLok 700 HiStrength, Classic 700, 406 and similar



ACCESSORIES

129063-000	Rapid cross-connector	VPE: 50
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Fully pre-assembled for Klicknut M8



GENERAL MOUNTING

- ▼ The clamp is positioned on the seam and loosely attached. Final positioning is realized when mounting of the cross-beams. The clamp must always be interlocking positioned on the seam!
- ▼ Tighten the clamp. The tightening torque must be limited to prevent deformation of the sheet metal seams and to ensure thermal expansion!

MOUNTING INSTRUCTIONS

When planning, please always ensure sufficient expansion joints. We recommend thermal separation after a maximum of ten metres or earlier for specific seams. For titanium zinc sheet metal, we recommend separation after three metres.

To prevent corrosion, aluminium clamps must not be mounted at copper sheet metal. In case of unstable and older seams with signs of cracks, mounting is not recommended.

Direct mounting (without additional mounting profile) of modules at seam clamps is only possible for horizontal modules. In this case, please observe any deviations at module clamping points. If necessary, please contact the module manufacturer.

Special case of 504 AL KK seam clamp for standing seams:

- ▼ Position the clamp from above on the standing seam. Make sure that the catch of the clamp is securely fitted on the side of the seam.
- ▼ Press down the clamp to engage the catch of the clamp at the seam. Afterwards, release it again to enable the clamp to spring back.
- ▼ Use a SW4 hexagon socket torque wrench to tighten the grub screw with a tightening torque of 15 Nm.



Material	Fastening elements: Aluminium, stainless steel 1.4301 Screws: Stainless steel
Planning aid	Configuration and structural analysis via Schletter Configurator
Structural analysis	Structural analysis based on recognized engineering standards. Verification of structural safety of the mounting system is based on Eurocodes and general construction approvals. The load assumptions comply with DIN EN 1991-1 and the regulations of the national annex. Roofing and building certificates are not included. Any instructions on required certification and approval must be observed!

Further information is available at: www.schletter-group.com

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