

# Standing seam clamps

A wide range of fasteners for standing seam roofs

- Direct fastening
- Can be fastened quickly
- Validated system structural analysis



Schletter **standing seam clamps** are an ideal fastening solution for almost any standing seam metal roof. With the KlickTop design, the system can be fastened conveniently from above. Alternatively, FixPlan can be used to fasten the system directly to the substructure.

### Abbreviations

- AL = Aluminium clamp
- VA = High-grade steel clamp
- KK = Klick channel e.g. for KlickTop cross connector
- KT = with KlickTop connector
- Rapid = for Rapid module clamps
- 1 = no general technical approval



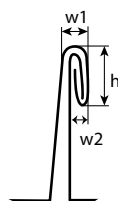
### 112001-000 Seam clamp 503 VA for standing seam roof<sup>1</sup>

Please note: With titanium sheeting, please verify that the standing seams have a sufficient load-bearing capacity!



### 112001-001 Seam clamp 503 AL KK for standing seam roof

### 112001-010 Seam clamp 504 AL KK for standing seam roof especially suitable for double lock standing seam roofs made of titanium zinc sheet metal



Possible dimensions of the seam (see dimension drawing on the left)  $h = 11 - 13 \text{ mm}$ ,  $w1 = 4 - 6 \text{ mm}$ ,  $w2 = \text{max. } 3 \text{ mm}$

The standing seam clamp 504 was developed in cooperation with the company Rheinzink for double lock standing seam roofs made of titanium zinc sheet metal and has been confirmed by Rheinzink as a good solution. Profiles (rails) that are fastened to standing seams must not exceed a length of about 3 meters without thermal separation.



### 112002-000 Seam clamp 510 AL for KalZip and similar designs for KalZip, Bemo, Monteco Eurorib E500 and similar design

### 112002-002 Seam clamp 510 AL KK for KalZip and similar designs



### 112003-000 Seam clamp 520 AL for Zambelli RibRoof465

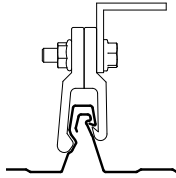
for Zambelli RibRoof, design 465 and similar designs

### 112003-001 Seam clamp 520 VA for Zambelli RibRoof465<sup>1</sup>

### 112003-002 Seam clamp 520 AL KK for Zambelli RibRoof465

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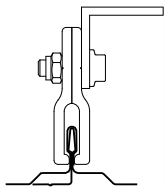


KK

**112004-000** Seam clamp 522 AL for Zambelli RibRoof500  
 for Zambelli RibRoof, width 500 and similar designs

**112004-001** Seam clamp 522 AL KK for Zambelli RibRoof500

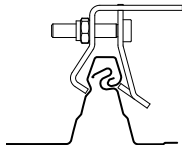
**112005-000** Seam clamp 522 VA for Zambelli RibRoof500<sup>1</sup>



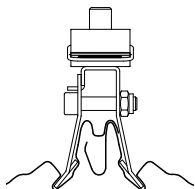
KK

**112006-000** Seam clamp 524 AL for Fischer KlipTec52-400  
 for Fischer KlipTec 52/400  
 and similar designs

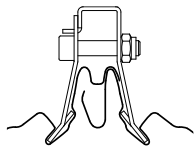
**112006-001** Seam clamp 524 AL KK for Fischer KlipTec52-400



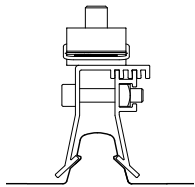
**112007-000** Seam clamp 525 VA for Domico Domitec  
 for Domico and similar designs



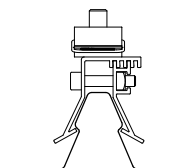
**112010-000** Seam clamp 530 VA<sup>1</sup> KT for Riverclack  
 for Riverclack and similar designs



**112010-002** Seam clamp 530 VA<sup>1</sup> Rapid for Riverclack  
 for Riverclack and similar designs



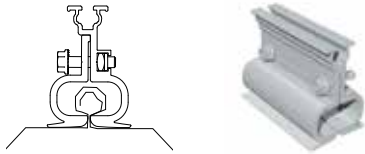
**112012-000** Seam clamp 540 AL KT for KlipLok 700 HiStrength<sup>1</sup>  
 for KlipLok 700 HiStrength and similar designs



**112012-001** Seam clamp 540 AL KT for KlipLok 700 Classic / 406<sup>1</sup>  
 for KlipLok Classic 700, KlipLok 406 and similar designs

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### 112014-000 Seam clamp 550 AL KK Universal<sup>1</sup>

for seams of max. 47 mm width and 25 mm height

### Accessories

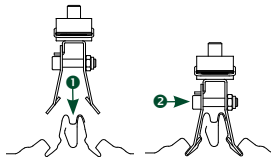


### 129004-000 KlickTop-cross connector kit M8

with screws, Klick insert and square nut for Klick channel M8 for fastening profiles (rails) onto standing seam clamps for KlickTop

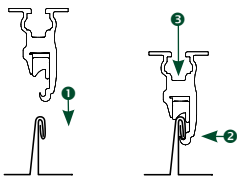
### 129063-000 Rapid cross connector

Completely pre-assembled for Klick channel M8 for cross rail system



### General mounting information

- 1 The clamp is placed on the seam and is loosely tightened. Components are aligned as the cross beams are fastened. In each case the clamp must be form-locked onto the seam!
- 2 Tighten the clamp. Please limit the tightening torque to avoid deformation of the standing seams and to ensure that thermal expansion of the metal sheets is not impeded!



### Special case Seam clamp 504 AL KK for standing seams

- 1 Attach the clamp onto the standing seam from above. Make sure that the hook of the clamp is always on the folded side.
- 2 Press the clamp downwards so that the clamp hooks in into the flange. Then release the clamp so that it springs back upwards.
- 3 Fasten the grub screw with a tightening torque of 15 Nm using a torque wrench with a size 4 wrench socket.

### Technical data

Material	Fastening components: Aluminium, high-grade steel 1.4301; Screws: High-grade steel
Structural analysis	Structural analysis based on generally accepted rules and standards of technology. Structural safety certification for the mounting system is carried out based on Eurocodes and in conjunction with general technical approvals. Load assumptions are made in accordance with DIN EN 1991-1 and the regulations outlined in the country-specific annex. Verification of roof covering and of the building itself is not included in this documentation. Guidelines and recommendations from the documented verification are to be taken into account.
Calculation and ordering	Calculation and/or ordering can be effected using our auto-calculator software, for example.

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