



**Your advantages with our products**

- » Universal mid and end clamp for frame heights 30 mm - 50 mm
- » Vertical or horizontal mounting by simply lifting and turning the claw 90°
- » Completely pre-assembled; compatible with all RAILS
- » Optimized warehousing
- » Convenient top-down installation
- » Only one tool required: Torx TX40
- » 70 mm clamp length ensures a safe installation
- » Mid clamp available with or without grounding pin for potential equalization
- » Also available in black anodized
- » **Compatible with shim for clamps (Item no. 91701-00):**  
- In combination suitable for 28 mm module frame heights



**Mid clamp Vario**  
Item no. 91151-01



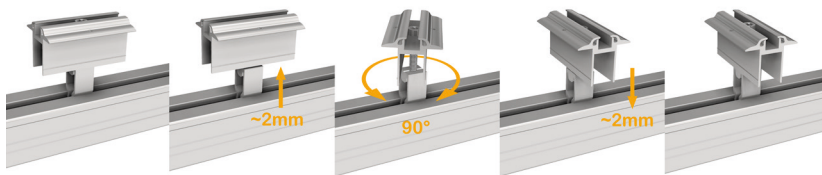
**Mid clamp Vario, black anodized**  
Item no. 96151-01



**Mid clamp Vario with grounding pin**  
Item no. 91121-01



**Mid clamp Vario with grounding pin, black anodized**  
Item no. 96141-01



Horizontal or vertical by simply lifting and rotating the claw



**End clamp Vario**  
Item no. 91112-00



**End clamp Vario with grounding pin, black anodized**  
Item no. 96112-00



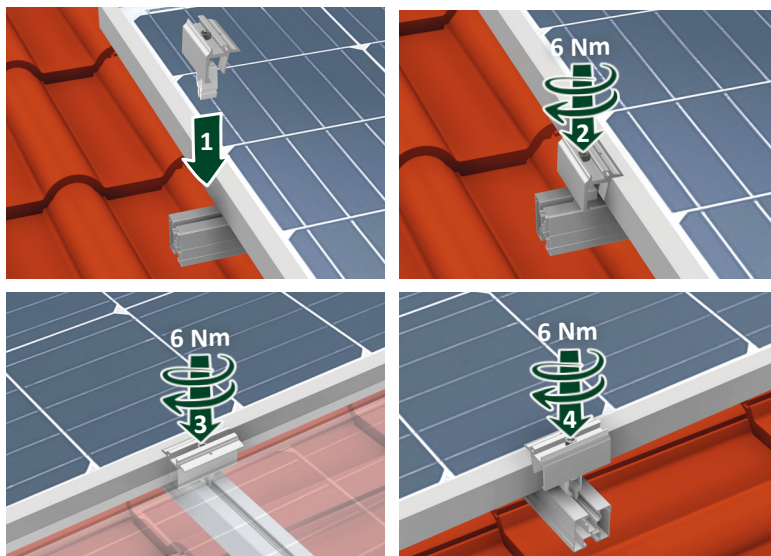
**End clamp Vario with grounding pin**  
Item no. 91114-00



**End clamp Vario with grounding pin, black anodized**  
Item no. 96114-00

**Installation**

1. Place the first modul on the rail and press the claw of the end clamp into the rail channel
2. Tighten the end clamp with Torx TX40 (6 Nm)
3. Use mid clamps between panels (Torx TX40 with 6 Nm)
4. Finalize the row with end clamps (Torx TX40 with 6 Nm)



\*Our warranty conditions apply.  
They are available at [www.sl-rack.com](http://www.sl-rack.com)



## Technical Data

<b>Material</b>	Aluminum (clamp), stainless steel (grounding pin, bolt)
<b>Design Tool</b>	SL-Rack-Configurator <b>Solar.Pro.Tool</b>
<b>Statik</b>	The structural analysis is carried out in accordance with the current country-specific standards (EN 1991, EC1 for Germany). Depending on snow loads, wind loads, or when utilizing large modules, it may be necessary to use more than the usual 4 fastening points. Make sure to observe the installation manual of the respective module manufacturer. The load-bearing capacity of the roof has not been evaluated by SL Rack.

**Your opinion is important to us!**

It is our top priority to make the installation process for you as quick, easy and efficient as possible. Please share your experiences, ideas or criticism with us, so we can continue to improve our products and develop new ones.



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Subject to technical  
changes and misprints.

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