# - Stainless Steel Hook Mounting System

www.egsolarenergy.com

Part summary

Hook

- Economical and reliable Allrounder
- Suitable for all common tile roofs/snow load zones
- Optimal adaptability to the roof with 2 mm or 5 mm shims
- Height of rail easily adjustable with pre-installed
- Clamp Combination (switch with Clamp Combination vertical for a vertical rail installation)
- Installer-friendly "top-down"design: just place the rail onto the Clamp Combination.One screw fixates the rail and locks in the height at the same time.
- Installation as single- or cross-rail system
- Material: Aluminum alloy
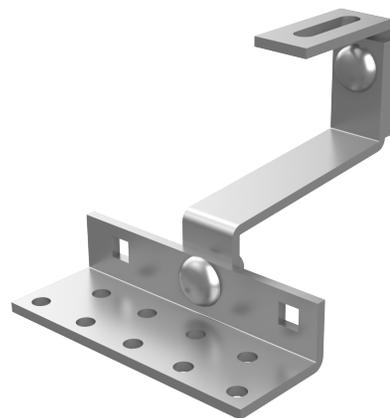
Product number:
SS Hook 5
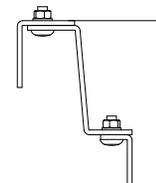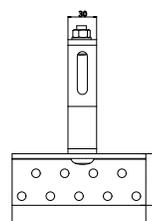
Product number: SS Hook 5	Hook SS Hook 5	20 pcs. per PU

Mid clamp

- Universal mid and end clamp for panel thickness 30-40mm
- Highly pre-assembled; Adaptable to different rails
- Convenient snap-on installation;
- Mid clamp available with grounding pin
- Available in black anodized
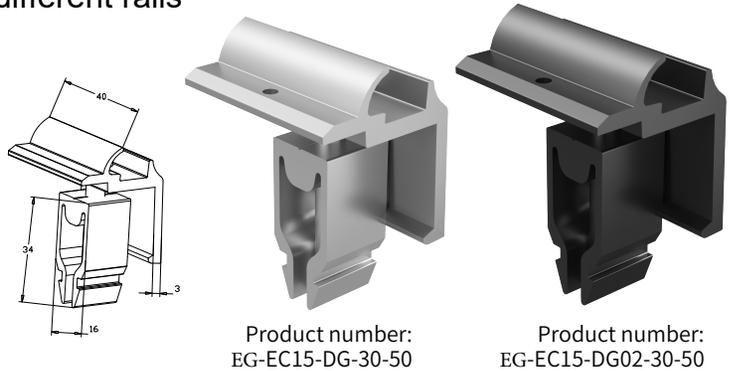- Material: Aluminum alloy
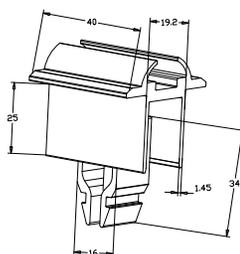
Product number:
EG-MC15-DG-30-50

Product number:
EG-MC15-DG02-30-50

| Product number: EG-MC15-DG-30-50	Mid clamp EG-MC15-DG-30-50	100 pcs. per PU
Product number: EG-MC15-DG02-30-50	Mid clamp EG-MC15-DG02-30-50	100 pcs. per PU

End clamp

- Universal mid and end clamp for panel thickness 30-40mm
- Highly pre-assembled; Adaptable to different rails
- Convenient snap-on installation;
- Available in black anodized
- Material: Aluminum alloy

Product number:
EG-EC15-DG-30-50

Product number:
EG-EC15-DG02-30-50

Product number: EG-EC15-DG-30-50	End clamp EG-EC15-DG-30-50	100 pcs. per PU
Product number: EG-EC15-DG02-30-50	End clamp EG-EC15-DG02-30-50	100 pcs. per PU

Rail

- Convenient and time-saving installation from the top
  long rail can span over several ribs
- Installation on top of the rib ensures best accessibility and
- greatest possible distance from the water-bearing layer
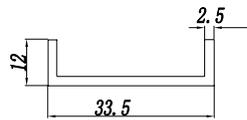- Vertical module mounting
- Material: Aluminum alloy
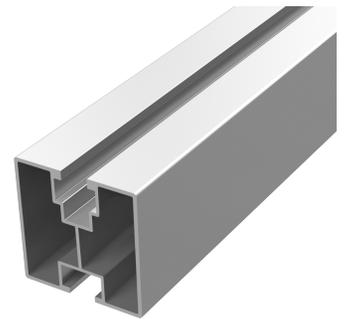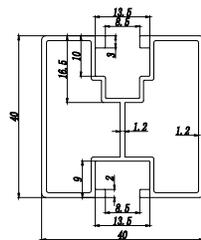
Product number:
EG-R37

Product number: EG-R37	Rail EG-R37	100 pcs. per PU

Rail connector

- Extremely sturdy, for quick and accurate joining of profiles
- Time-saving
- For connecting module mounting profiles without possibly interfering external structure
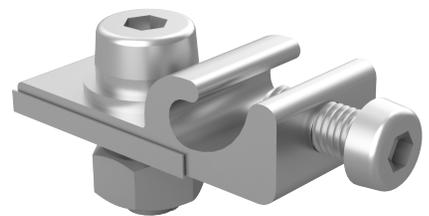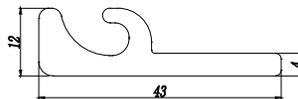- Material: Aluminum alloy

Product number:
EG-GJ-04

Product number: EG-GJ-04	Rail Connector 30 - 40	200 pcs. per PU

Grounding lug

- Fixed line, prevent line clutter
- Material: Aluminum alloy

Product number:
EG-GL-01

Product number: EG-GL-01	Grounding Lug EG-GL-01	200 pcs. per PU

Rail cap

- Greatly reduce the damage caused by foreign body intrusion
- Reduce the accumulation of foreign matter, dust prevention
- Avoid rain accumulation during thunderstorms
- The total length of the standard guide rail is not changed
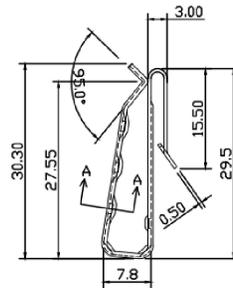- Make the rotation of the main rail smooth
- Material: EPDM
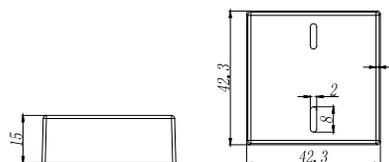
Product number:
EG-R37-DG

Product number: EG-R37-DG	Rail Cap EG-R37-DG	400 pcs. per PU

PV cable clip

- Fixed line, prevent line clutter
- Material: Stainless steel

Product number:
EG-XJ-A

Product number: EG-XJ-A	PV cable clip EG-XJ-A	4000 pcs. per PU

Bolt

- The screw is with coarse threads most suitable for timber substructure and of high load-bearing capacity values. It can be drilled, tapped and fastened in one go.
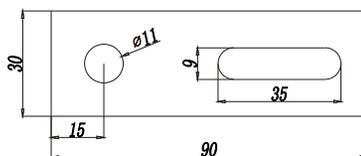- Material: Stainless steel
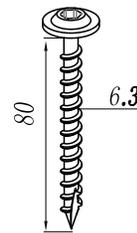
Product number:
EG-ST6.3*80

Product number: EG-ST6.3*80	Bolt EG-ST6.3*80	1360 pcs. per PU

Hanger Bolt

- The SS304 stud bolt with point is suitable for ply and timber substructure. Applying a plate with stripe hole makes it easily adapt to the rail and adjusted.
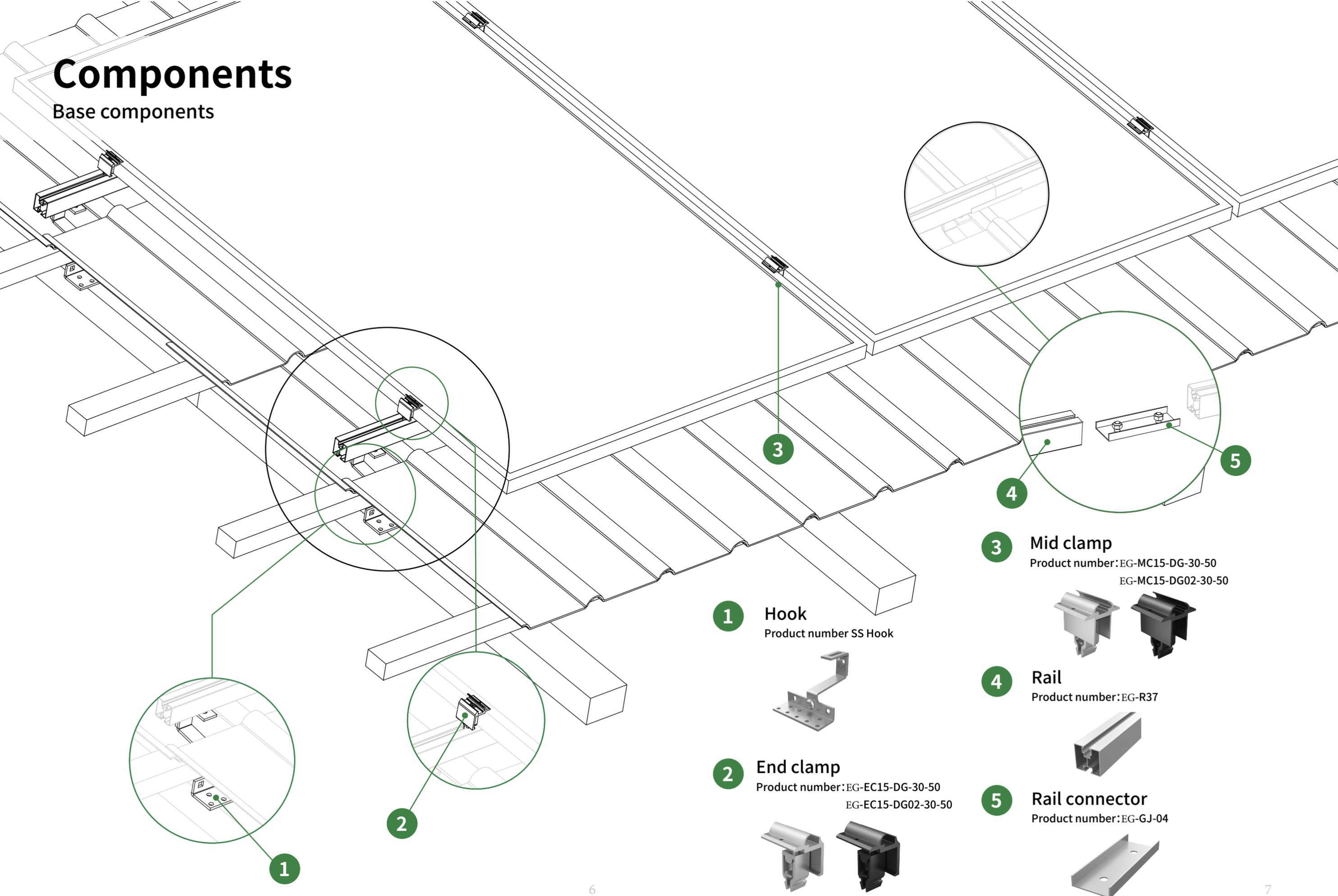- Material: Stainless steel

Product number:
EG-HK01-A

Product number: EG-HK01-A	200MM Hanger Bolt EG-HK01-A	800 pcs. per PU
Product number: EG-HK01-B	250MM Hanger Bolt EG-HK01-B	800 pcs. per PU

Components

Base components

1 **Hook**
Product number SS Hook

2 **End clamp**
Product number：EG-EC15-DG-30-50
EG-EC15-DG02-30-50

3 **Mid clamp**
Product number：EG-MC15-DG-30-50
EG-MC15-DG02-30-50

4 **Rail**
Product number：EG-R37

5 **Rail connector**
Product number：EG-GJ-04

Installation process

Hook - fix self-tapping screws

ST6.3*80

Electric Drill

According to the schematic location, place the hook on the wood rafter and fix it with three self-tapping screws.

Hook - cover with tiles
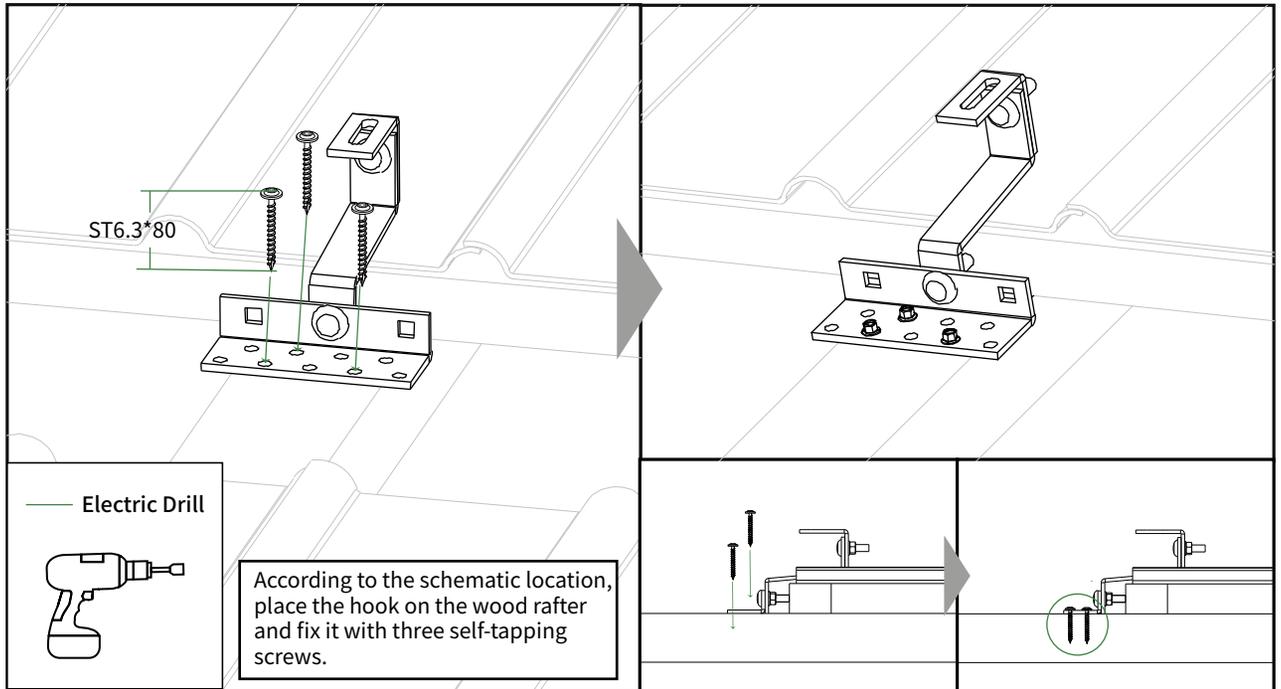
Install the tiles in turn in the appropriate places.

Rail - install the rails

1 **2** **3**

M8*20

Install the rails on the hook in turn according to the steps.

16Nm

Rail - connect rails

1

2

3

According to the actual length, connect the rails in turn.

16Nm
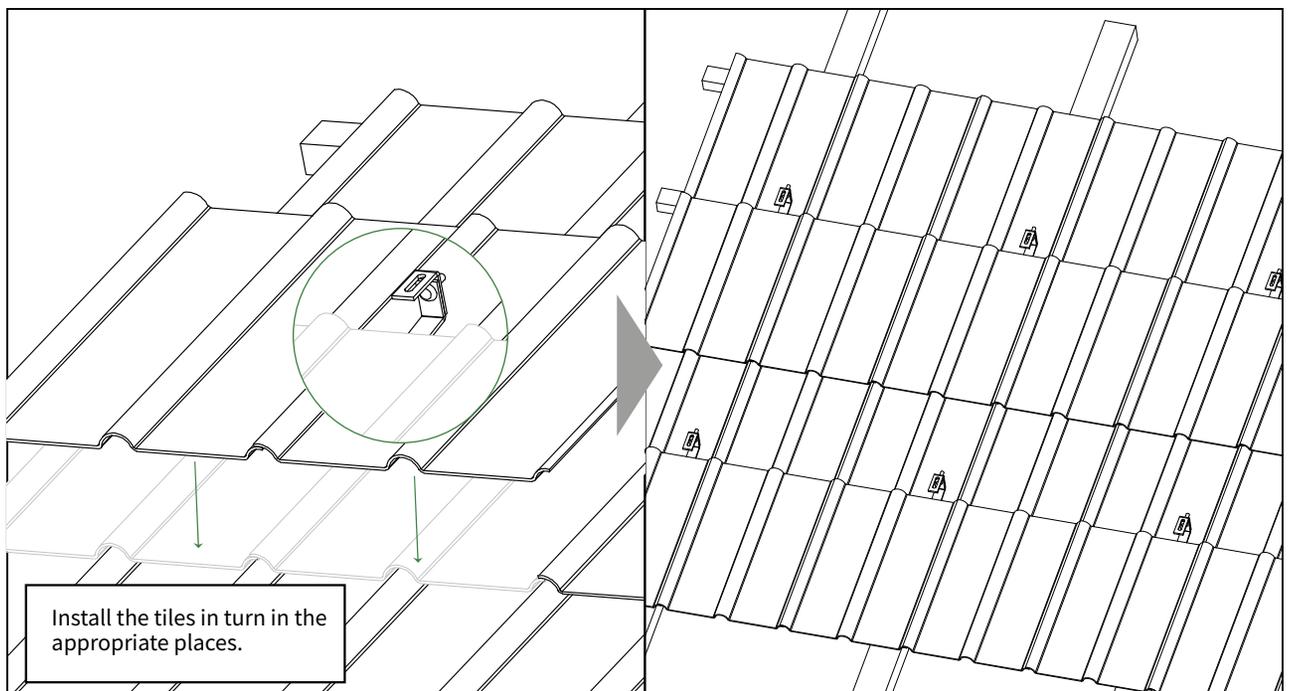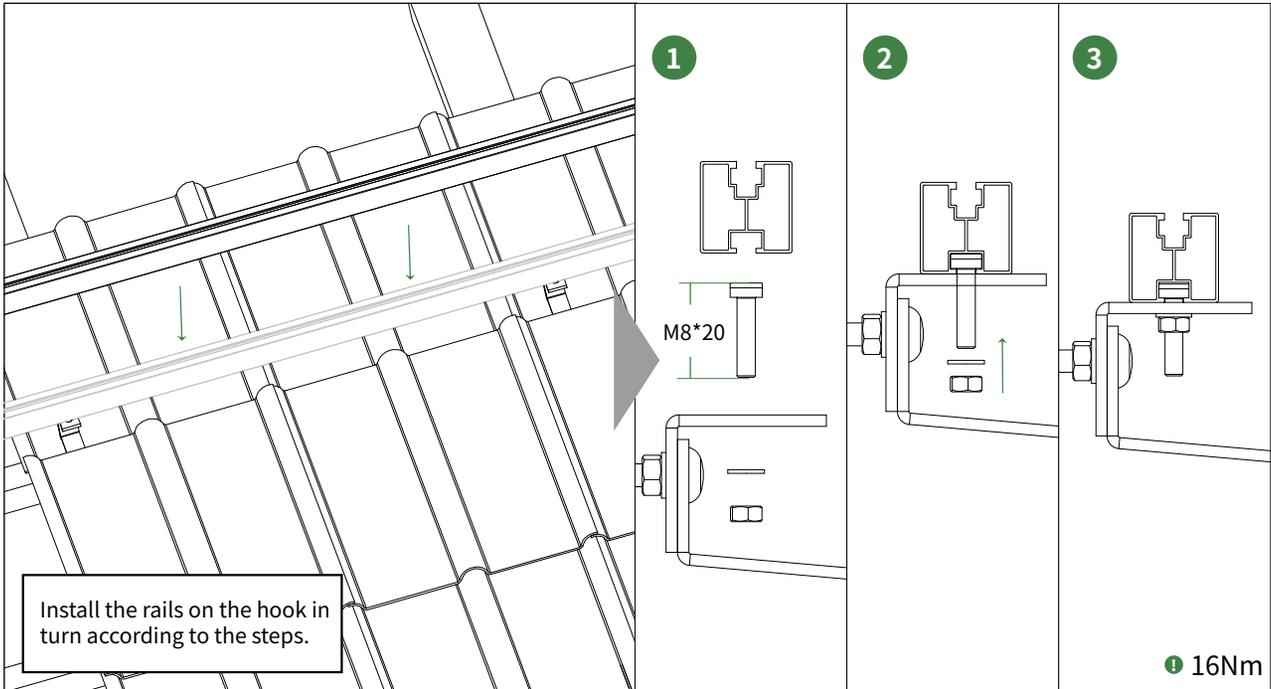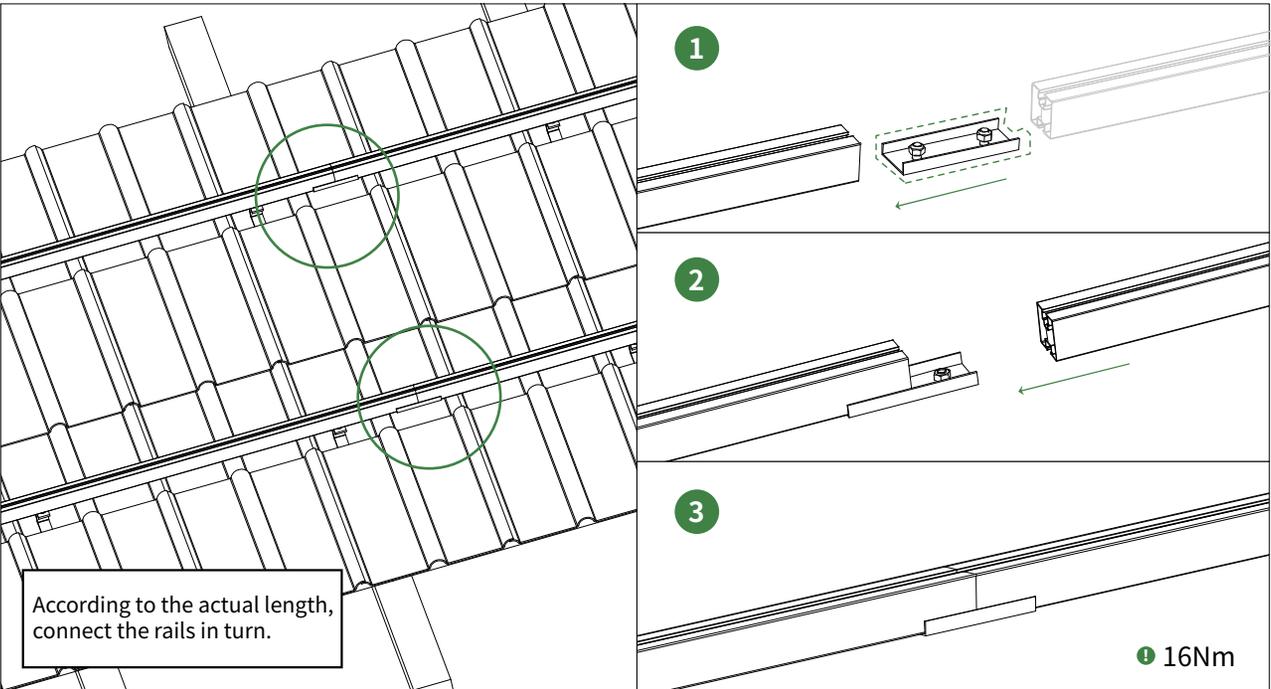
Clamps - install clamps & PV panels

1 Place the PV panels on the rails.
Install and fix the end clamp according to the position.
Install and secure the mid clamp.

2 Fix the side of the PV panel with end clamp.

❗ 8Nm

3 Fix the other side of the PV panel with mid clamp and install the other PV panel.

❗ 8Nm
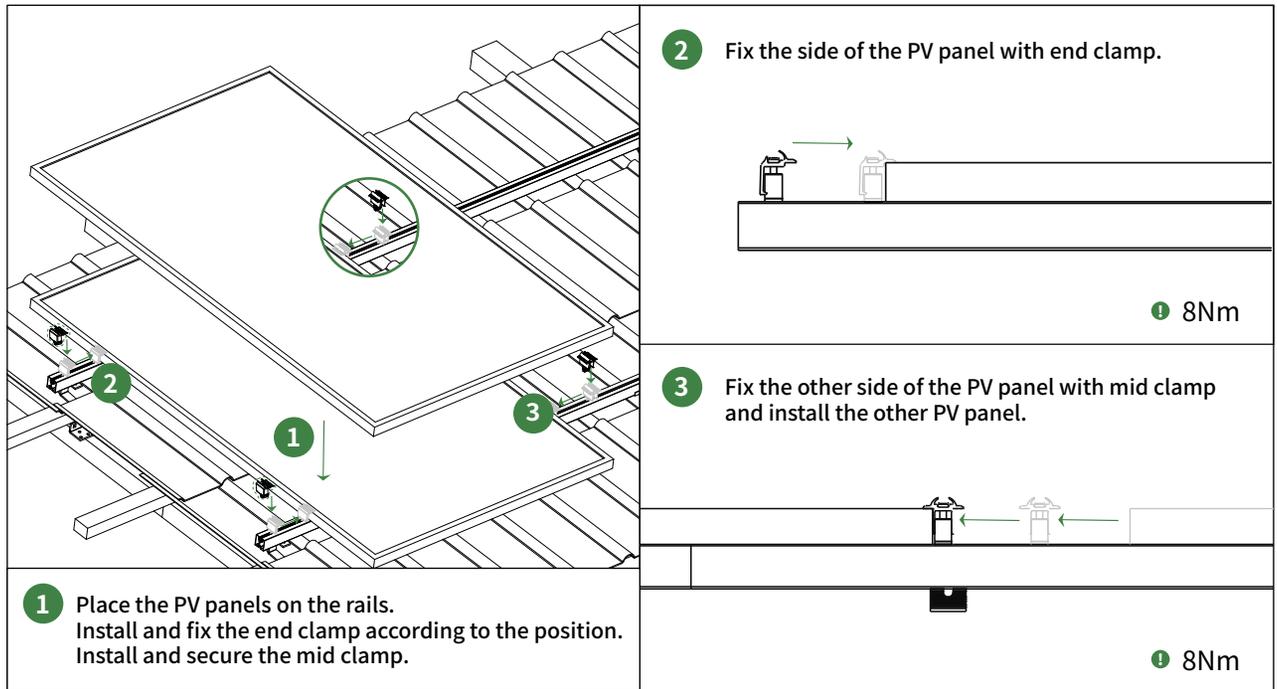
Clamps - single PV panel installation

According to the installation steps, complete the installation of a single PV panel as shown in the figure.
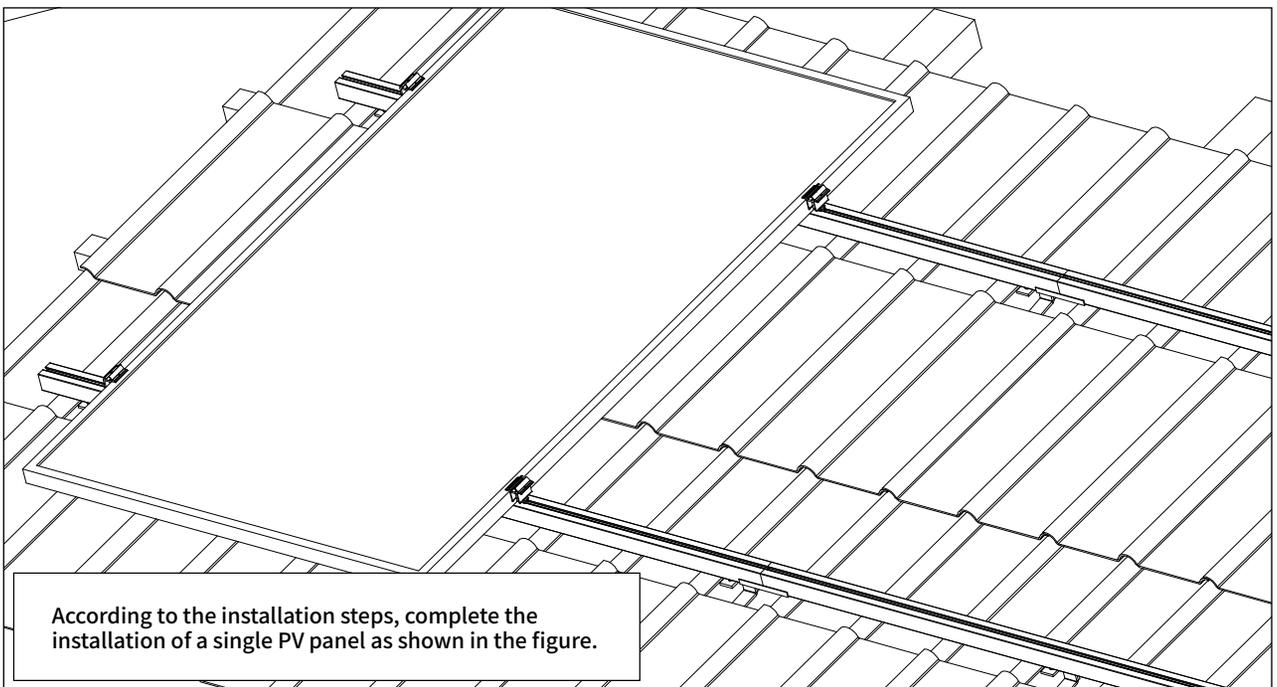
Clamps – complete the installation
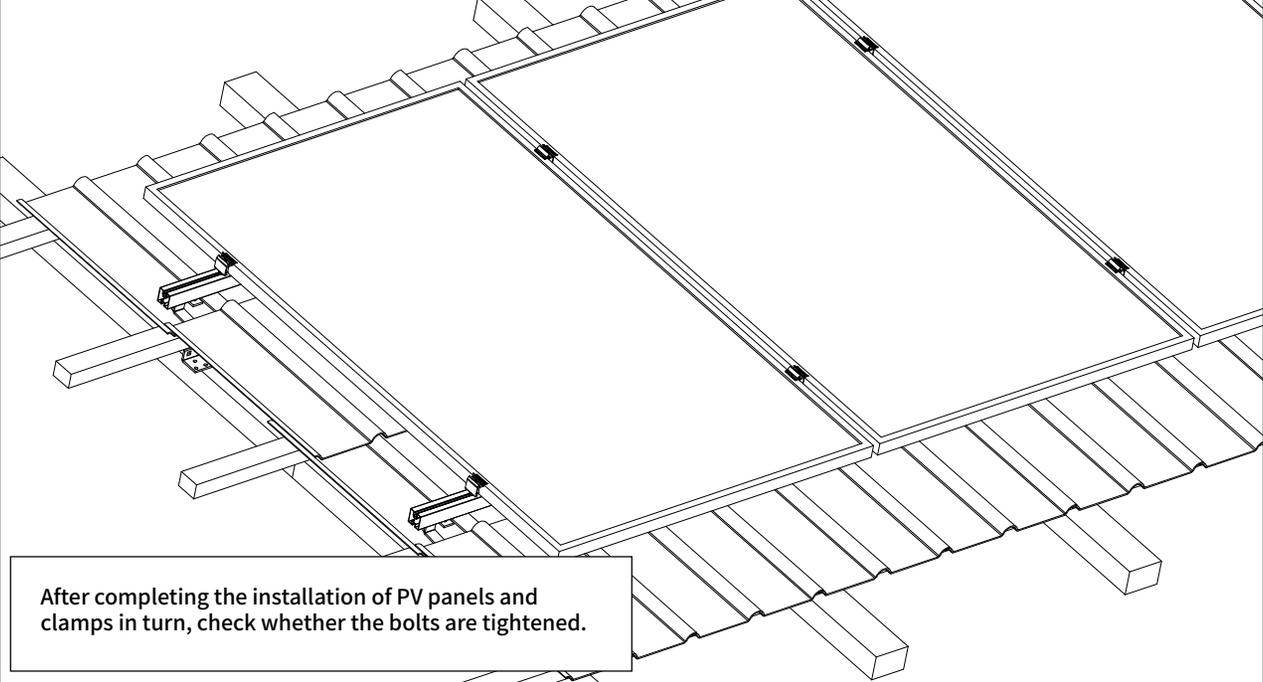
After completing the installation of PV panels and clamps in turn, check whether the bolts are tightened.

Thank you for choosing EG Solar stainless steel hook mounting system.

Stainless steel hook mounting system are quick and easy to install. We hope these instructions have helped. Please contact us if any questions or suggestions for improvement.
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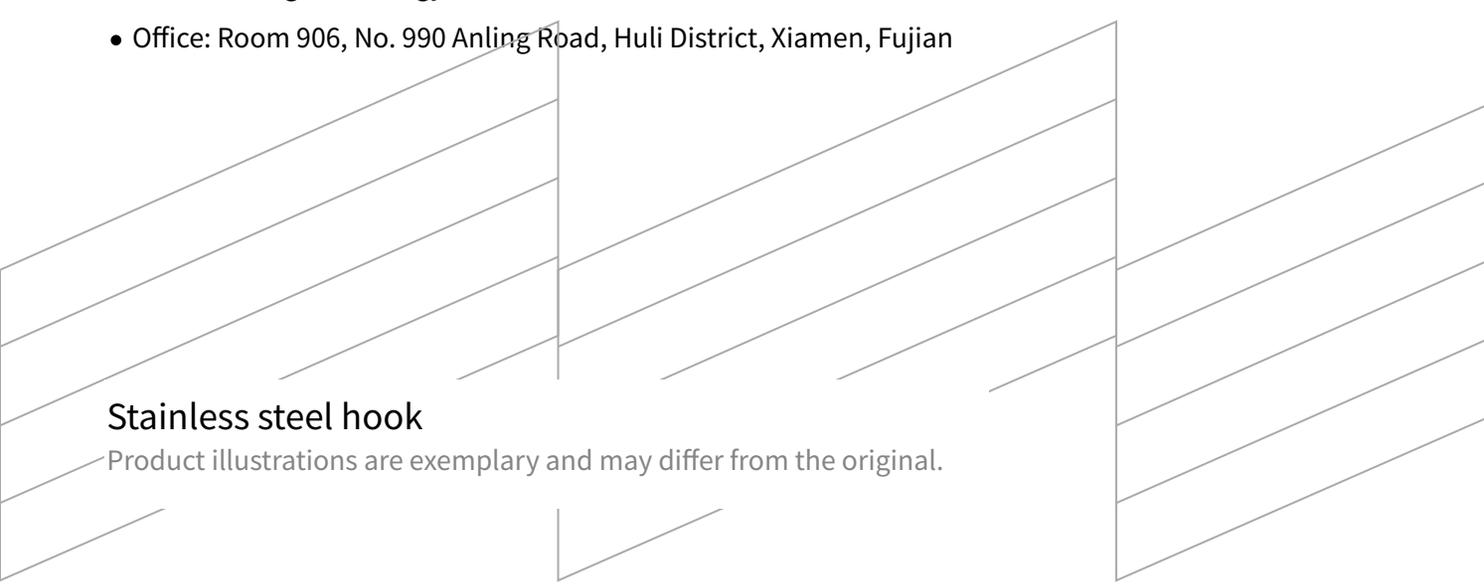
Stainless steel hook
Product illustrations are exemplary and may differ from the original.

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