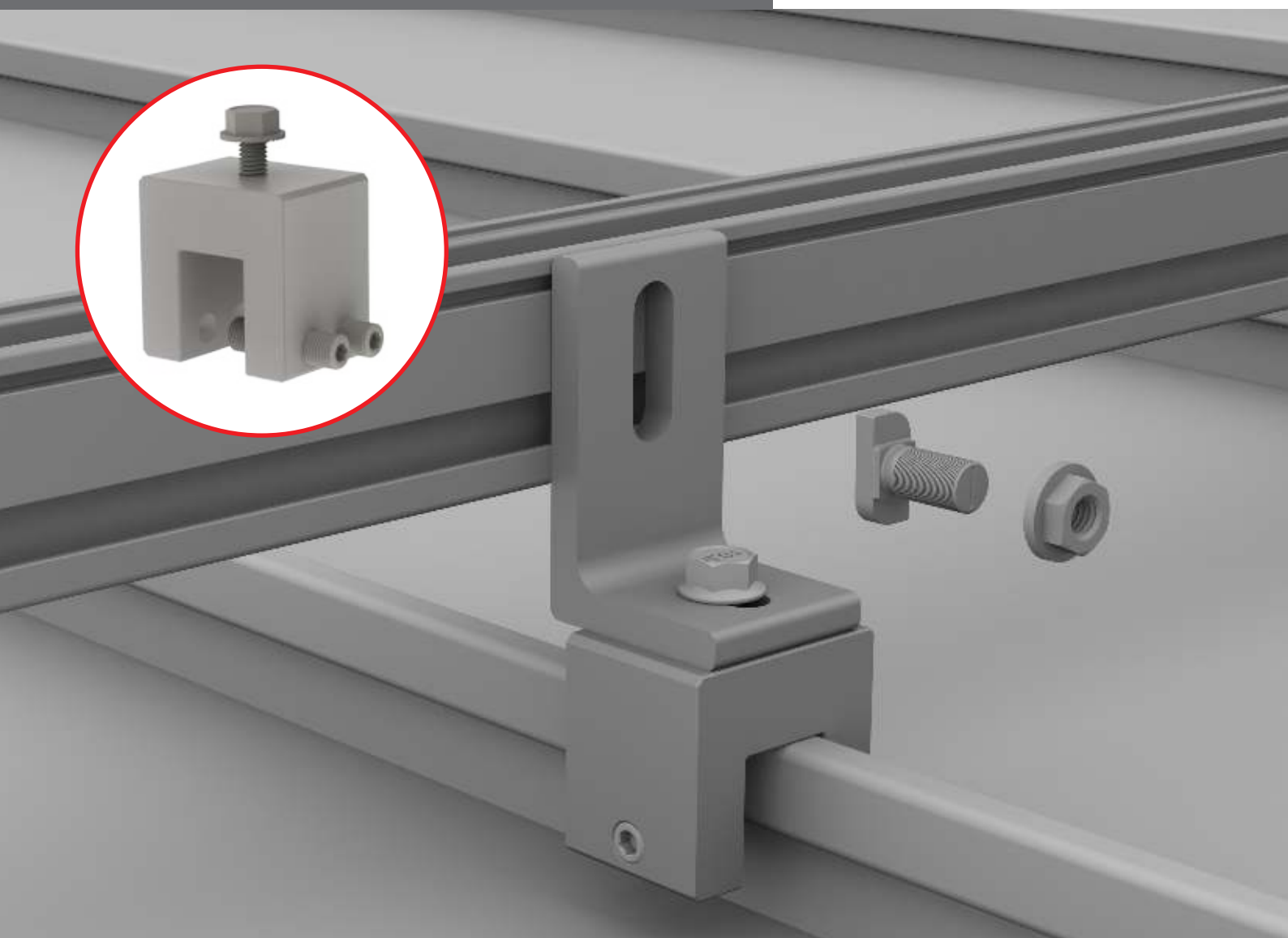
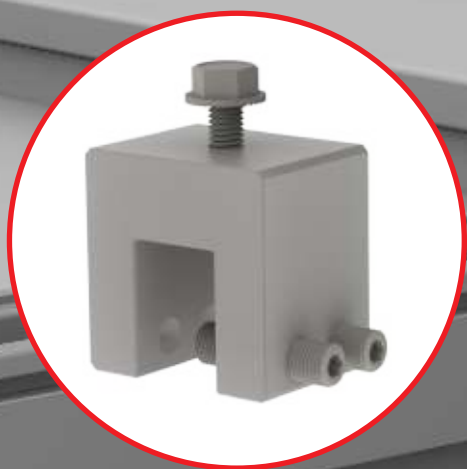


We support PV systems
Formerly Everest Solar Systems 



Standing Seam PowerClamp

QUICK GUIDE



Components



Part Number	Description
4000016	Standing Seam PowerClamp, Mini, Set
4000017	Standing Seam PowerClamp, Standard Set

Kit includes:



PowerClamp

Available in Mini [1 Set Screw]
or Standard [2 Set Screws]
Material: aluminum
Finish: mill



M8 Hex Bolt

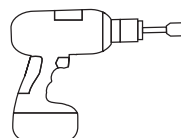
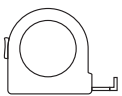
Material: stainless steel



Set Screw

Material: stainless steel

Tools overview



Torque wrench
▶ 10-50 ft-lbs



13 mm dep socket
▶ Torque 10 ft-lbs

Assembly

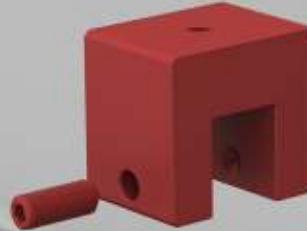


1



Align the PowerClamp on the seam. Alignment depends on the applicable seam profile. Set the set screw(s) located at the bottom of the clamp. Torque the screw to the applicable torque, dependent on the gauge of the roof. Ensure that the standing seam PowerClamp is secure, straight and level. Repeat these steps for the remaining clamps in the module array. Be sure to follow the engineer of record's required spacing and layout, including their adjustments for field conditions, if any.

Torque: 22 GA: 130-140 in/lbs
24 GA: 150-160 in/lbs
26 GA: 170-180 in/lbs
29 GA: 190-200 in/lbs



2



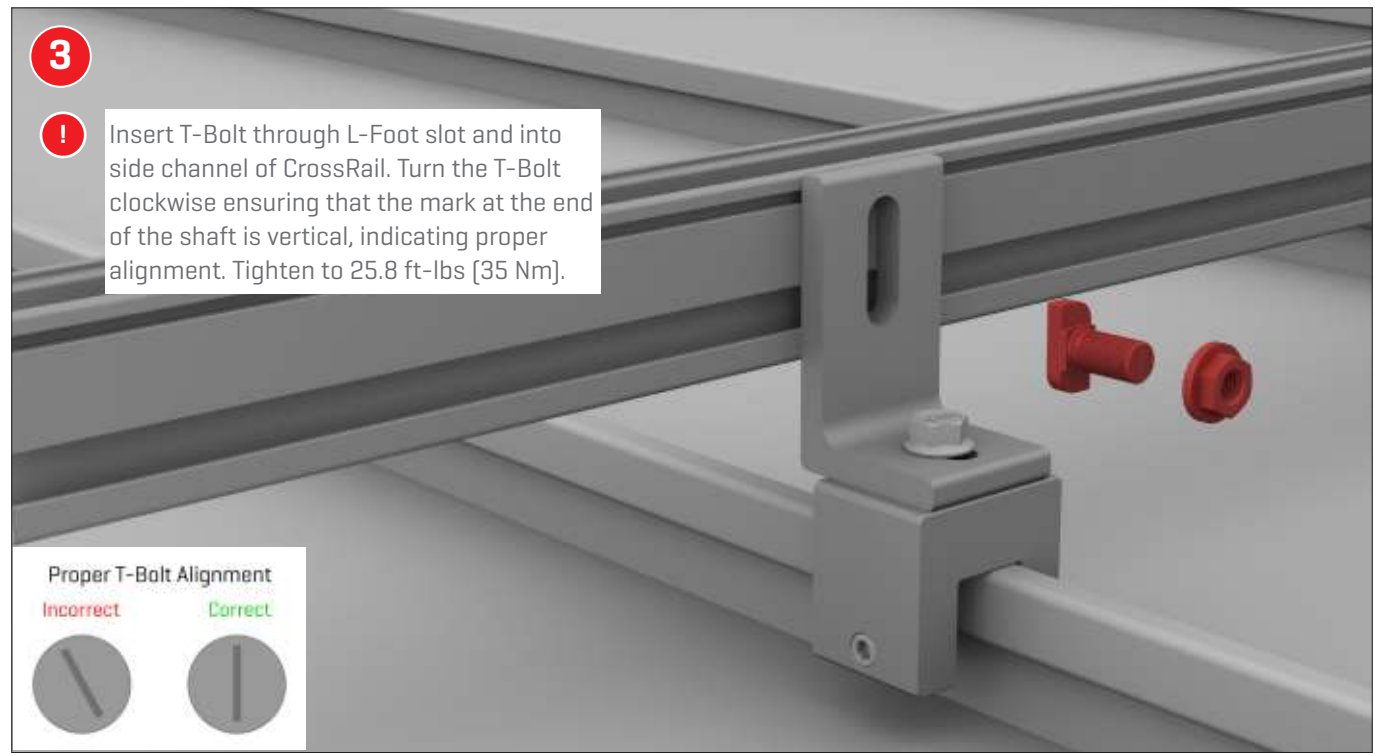
Before securing the slotted L-Foot to the PowerClamp. Consider attaching the L-Feet to the rail run first. This will aid in keeping the L-Feet aligned when they are secured to the PowerClamps. Secure the L-Feet to the PowerClamps using a torque wrench.



3



Insert T-Bolt through L-Foot slot and into side channel of CrossRail. Turn the T-Bolt clockwise ensuring that the mark at the end of the shaft is vertical, indicating proper alignment. Tighten to 25.8 ft-lbs [35 Nm].



Proper T-Bolt Alignment

Incorrect

Correct

