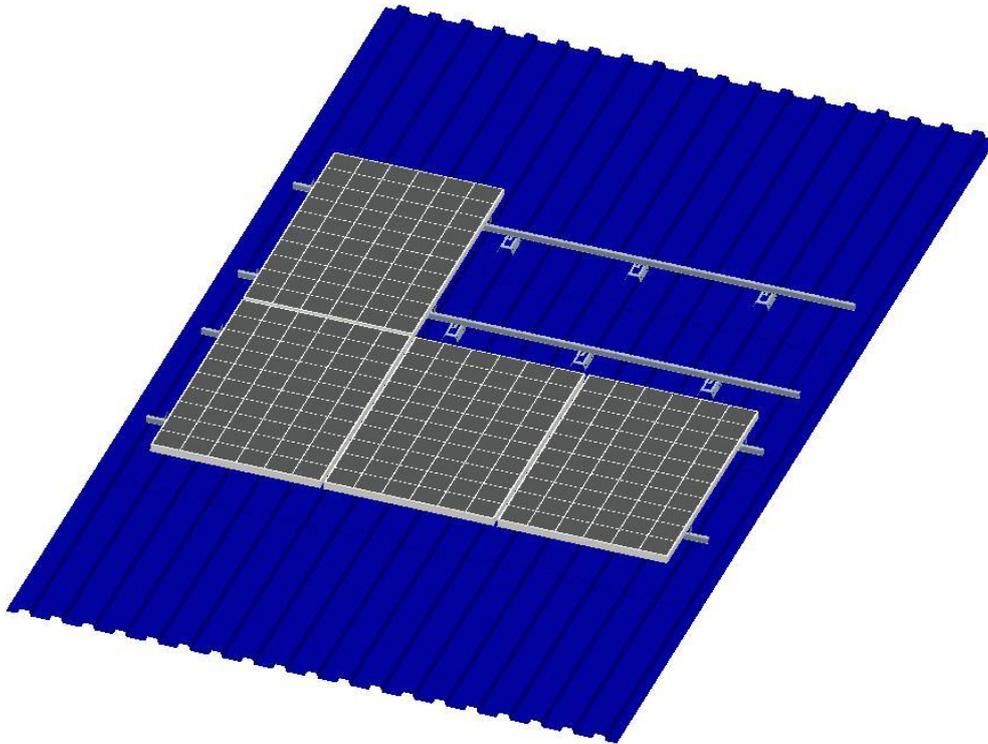




LI Standing Seam Roof System

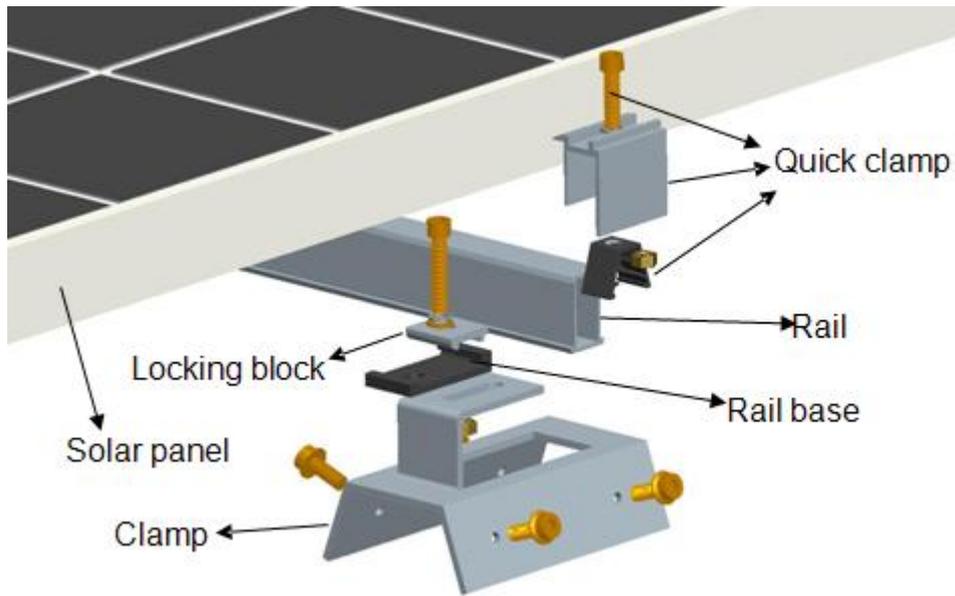


The LI Standing Seam Roof System reflects the development of SI Standing Seam Roof systems, which are more convenient for installation and more economical. Since no tiles can be removed from metal sheet roofs, the only way to fix the rails is by fastening clamps onto the standing seams. Racworth offers various types of trapezoidal clamps to fit different standing seams. Each component is custom-designed for the corresponding type of metal sheet roof, optimizing the mounting system's functionality and aesthetics.

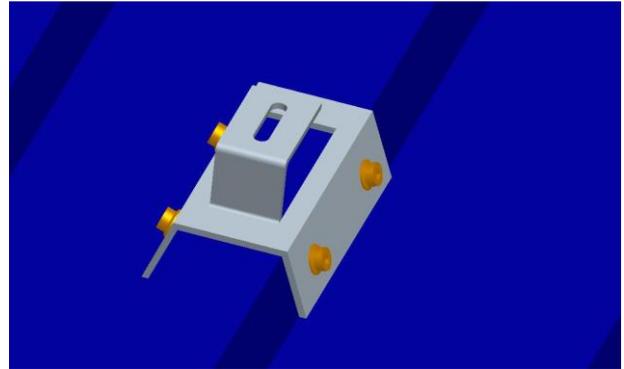
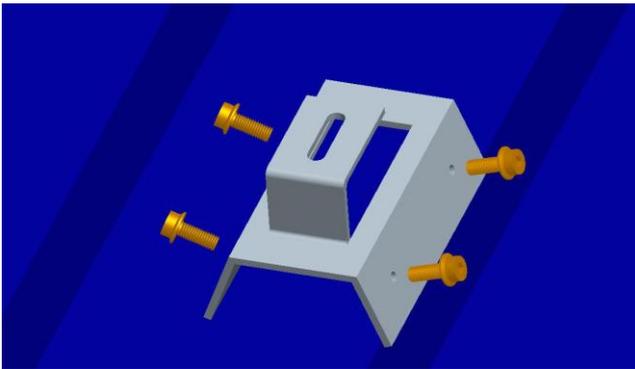
Benefits

- * Quick-Clamp can be attached at any location on the rails to fasten the solar panels.
- * Convenient installation steps save time and labor.
- * Specially designed rail makes the system more economical.
- * Customized solutions are provided for any type of metal sheet roof.

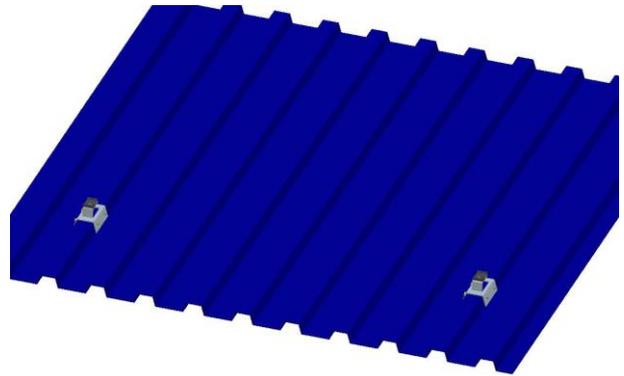
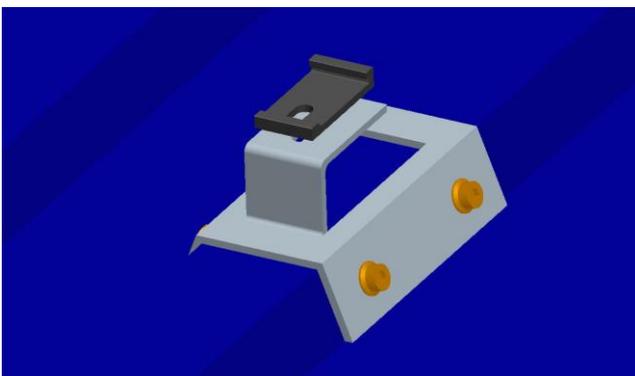
Components



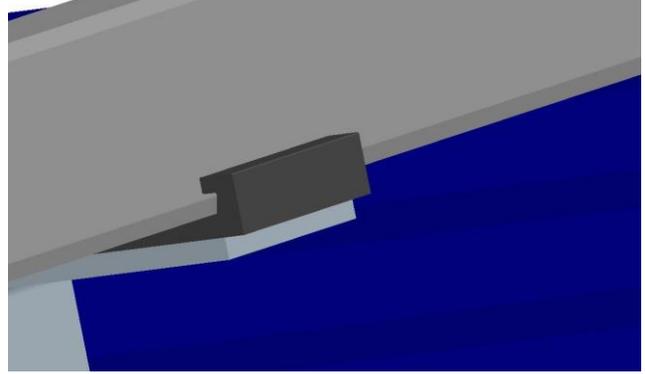
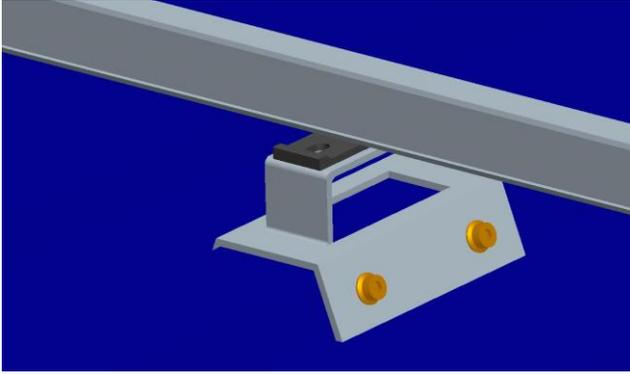
Installation



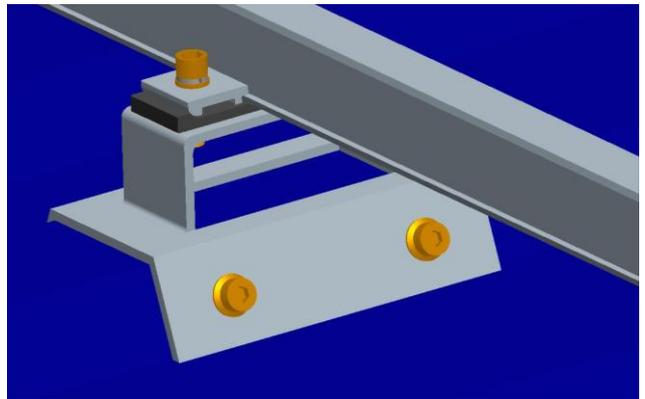
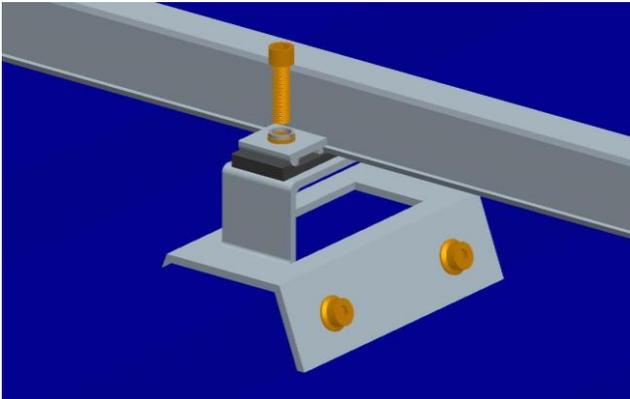
1. Use four screws to fasten the clamp onto the standing seam.



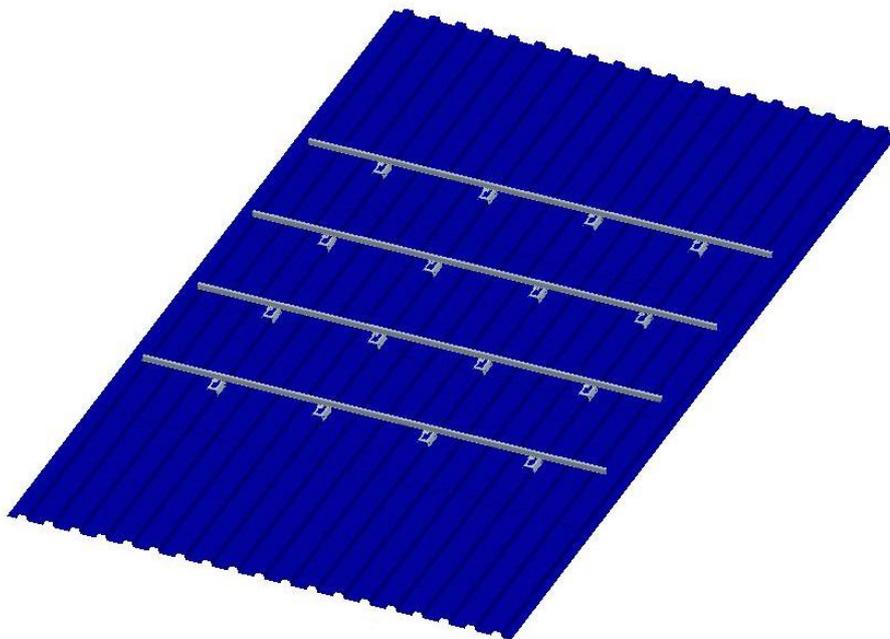
2. Put the rail base on the clamp.



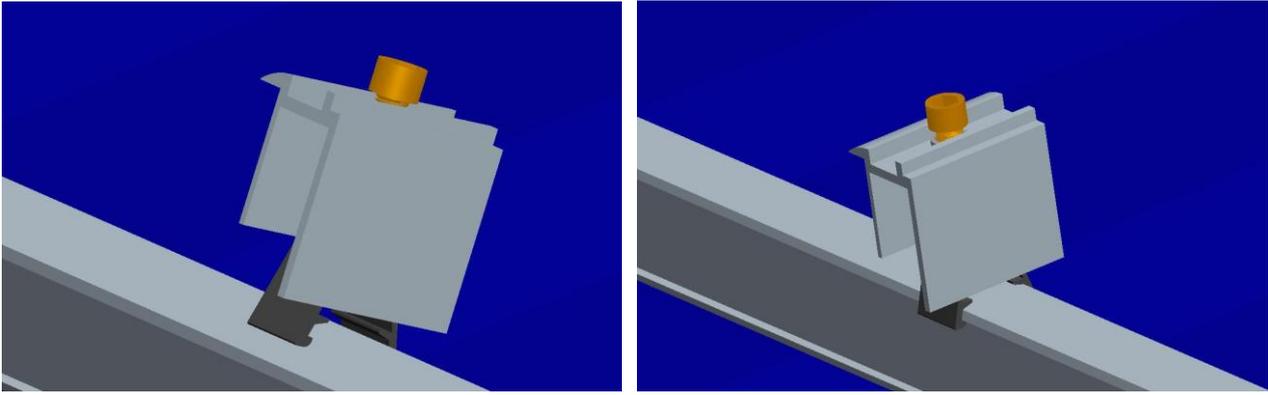
3. Attach rail onto the rail base.



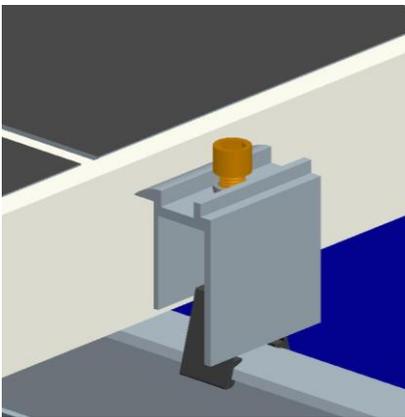
4. Fasten the locking block by placing in a bolt and fastening it securely.



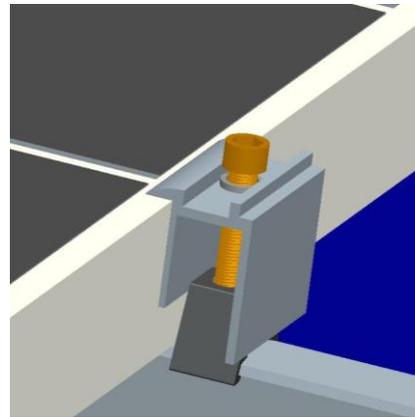
5. Attach the rest of the rails, following the same steps listed above.



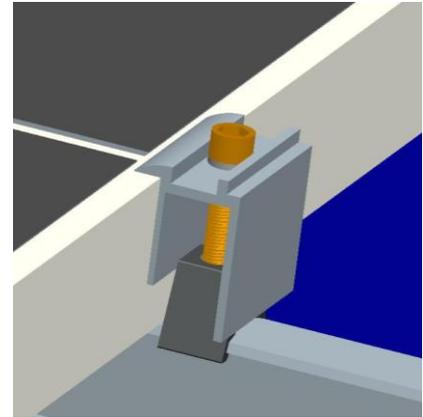
6. Attach the end_of the Quick-Clamp onto the rail and lock it onto the rail as shown by the picture. The end/middle of the Quick-Clamp can be used at any location to fasten the solar panels.



7.1



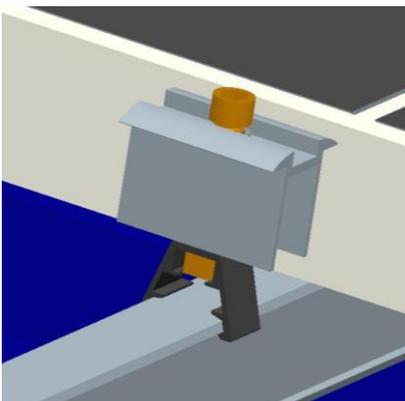
7.2



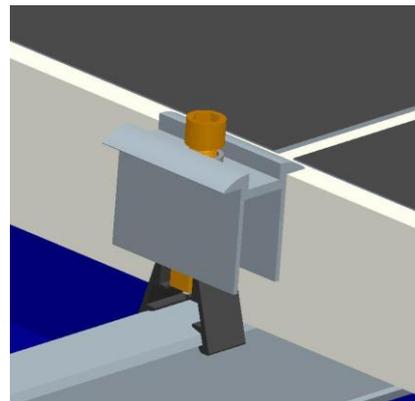
7.3

7. Put a solar panel onto the rail (as shown in 7.1) and move the end on clamp to the side of solar panel (as shown in 7.2. Fasten the end of the clamp by tightening the bolt (as shown in 7.3).

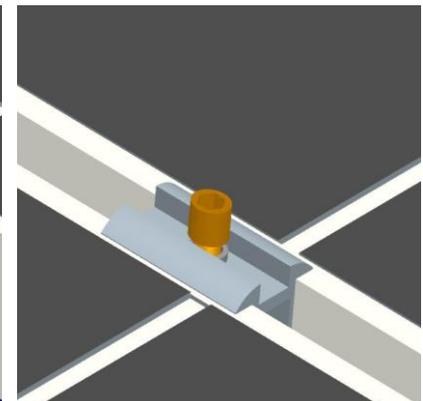
(A locking washer is necessary to prevent the bolt from loosening).



8.1

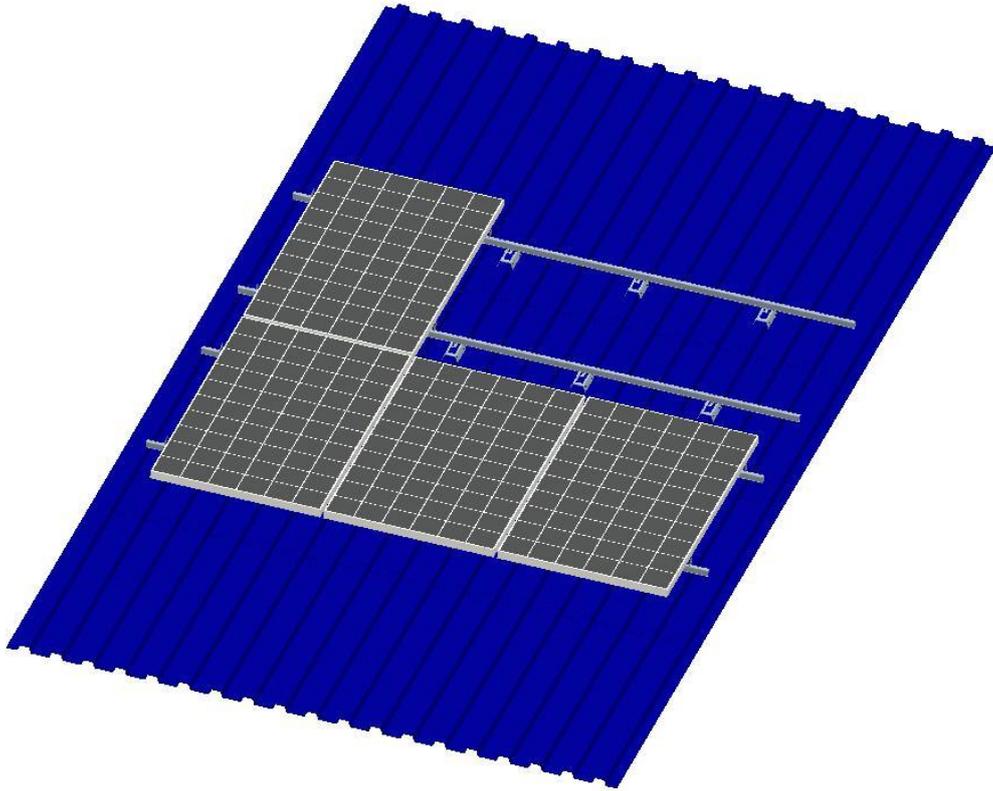


8.2

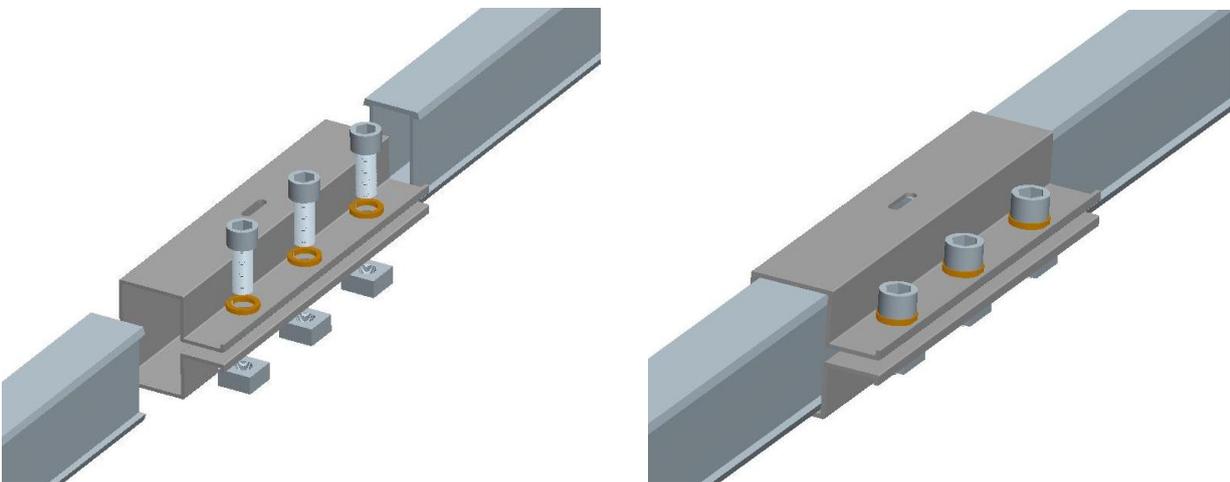


8.3

8. Attach the middle of the Quick-Clamp onto the rail (as shown in 8.1) and move it to another one side of a solar panel (as shown in 10.2). Put another solar panel onto the rail and move it to the middle of the Quick-Clamp and fasten the bolt to fix the two solar panels together (as shown in 10.3).



9. Install the other solar panels, following the same steps listed above.



10. An outer splice could be used to expand this system. Slide rails into the two sides of an outer splice and secure them in place with bolts and square nuts. A space of 10mm should be remained between each rail.