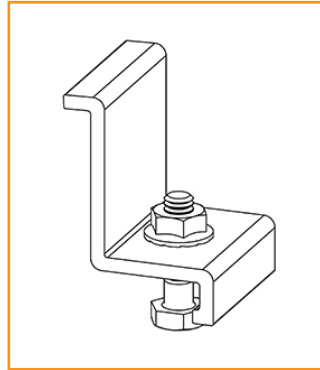


## IRONRIDGE ALTERNATE COMPONENTS ADDENDUM

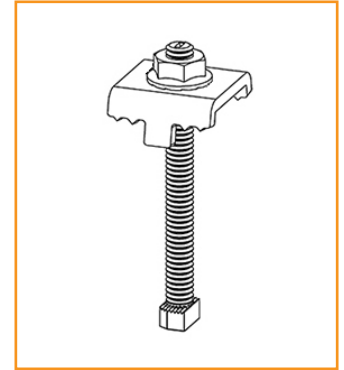
The following components have been tested or evaluated with IronRidge's Flush Mount, Tilt Mount and Ground Mount systems. The ratings described in each product installation manual apply when using these alternate components.

### TORQUE VALUES

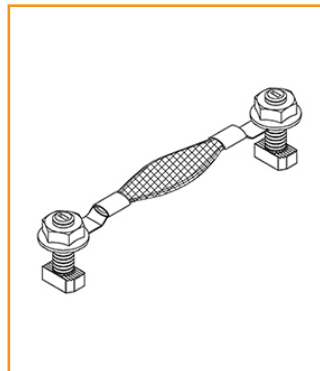
- ☐ End Clamp Nuts (1/4"-20): 80 in-lbs
- ☐ IG Mid Clamp Nuts (1/4"-20): 80 in-lbs  
(55 in-lbs for SunPower Modules)
- ☐ Classic Composition Mount Nut (1/2"): 156 in-lbs.
- ☐ Classic Mount Shake Nut (1/2"): 156 in-lbs.



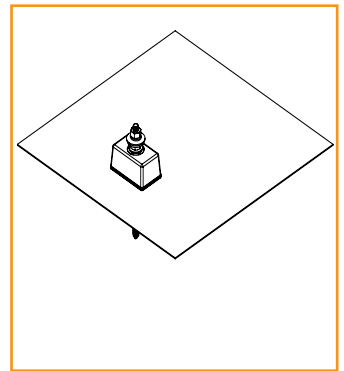
End Clamp



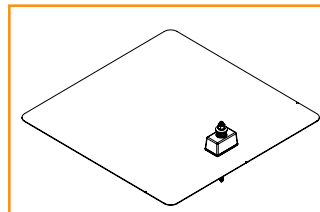
IG Mid Clamp



Expansion Joint



QM Classic Comp  
Mount



QM Classic Mount Shake

### Tested or evaluated third-party roof attachments for use:

- [Anchor Products](#) - U-Anchor
- [Rooftech RT-Mini](#) - Attach to L-foot using 5/16-18 x 1.25" stainless steel bolt and nut torqued to 132 in-lbs.
- Quickscrews Solar Roof Hooks, Ejoy Aluminum Roof Hooks, Unirac Creotecc Tile Hooks, or Solarhooks - Attach to XR Rails with L-Foot or 3/8" Bonding Hardware Kit torqued to 250 in-lbs.

Follow the same installation steps described in the respective component section of the Flush Mount, Tilt Mount, and Ground Mount installation manuals.

The components referenced in this addendum conform to STD UL 2703 (2015) Standard for Safety First Edition: Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels.