

The Right Way™ to attach virtually anything to metal roofs!

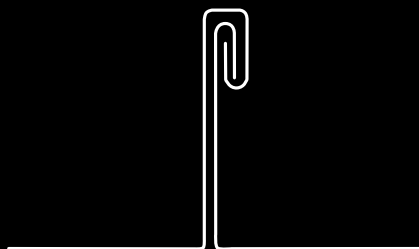
S-5!®

The Right Way

S-5-EF™

The S-5-EF ("European Flange") clamp is designed specifically for traditionally dimensioned, double-folded standing seam metal roofs. It is an ideal, non-penetrating solution for attaching railed and DirectAttach™ solar, satellite dishes and a wide range of other utilities.

The S-5-EF has a slotted hole allowing versatile, precise adjustments when mounting rails and utility items. The non-penetrating design eliminates the risk of leaks and preserves the integrity of the roof.



The S-5-EF works with
Standing Seam Double-Fold Roofs



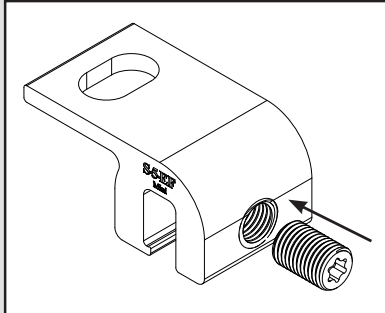
Features and Benefits

- **Slotted hole** for versatile utility mounting
- Designed specifically for **double-folded standing seam** metal roof profiles, including Butler's MR-24®
- **Unique flange design** improves the versatility of attachment
- **Two-piece** clamp design allows for ease of installation anywhere along the length of the rib
- **Reliable performance** for light and medium-duty applications
- **Ideal solution** for bottom-mounted solar rails, S-5! DirectAttach PVKIT® and utility on a standing seam metal roof

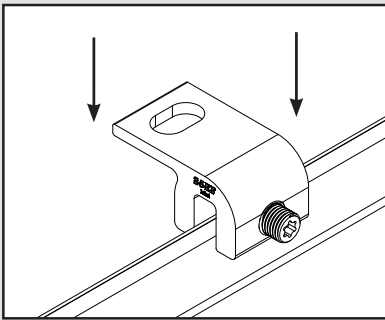
S-5-EF™

The S-5-EF™ is specially designed for doubled-fold standing seam metal roofs and is a versatile option for attaching bottom-mount solar rails and other utility mountings.

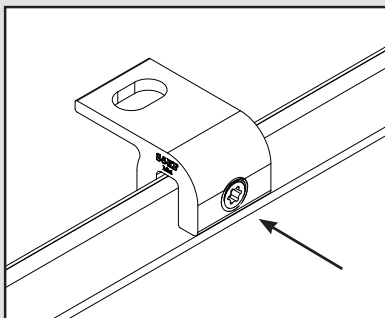
Easy Installation!



Partially thread the setscrew into the clamp by hand.

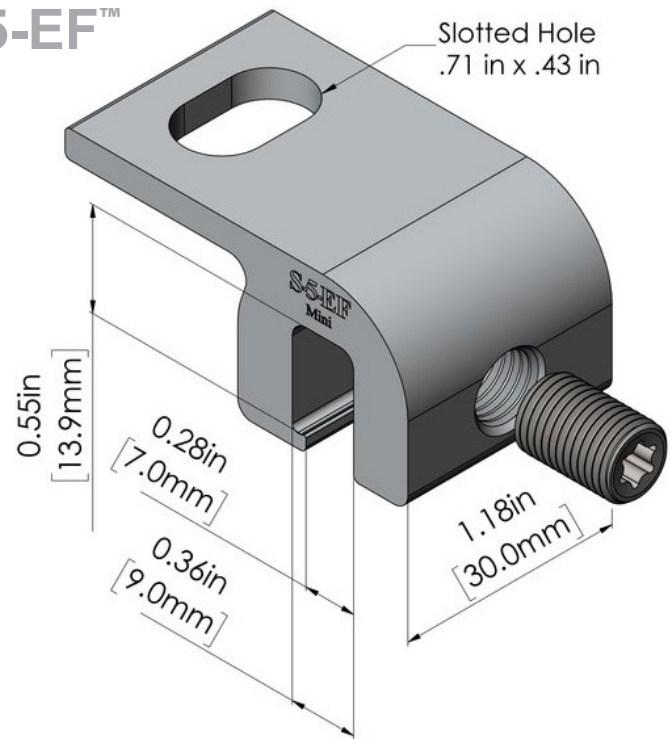


Determine how to position the clamp. On many snap-together type seams, the setscrew is opposite the open (or overlap) side of the seam. On some seams, this aspect of the clamp's orientation is not critical.



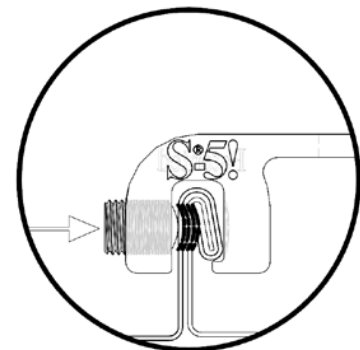
Tighten the setscrew to the torque specified in the clamp's installation instructions and verify with a calibrated torque wrench.

S-5-EF™



The clamp is supplied with the hardware shown above. Each box also includes a bit tip for tightening setscrews with an electric screw gun. The **S-5-EF** is an aluminum attachment clamp, compatible with most common metal roofing materials (excluding copper). All hardware is 300 series stainless steel. Please visit www.S-5.com for more information including CAD details, metallurgical compatibilities and specifications.

**Setscrews
dimple seam
material
but will not
pierce.**



S-5-EF on a double fold profile

S-5! holding strength is unmatched in the industry.

S-5!® Warning! Please use this product responsibly!

Products are protected by multiple U.S. and foreign patents. Visit the website at www.S-5.com for complete information on patents and trademarks. For maximum holding strength, setscrews should be tensioned and re-tensioned as the seam material compresses. Clamp setscrew tension should be verified using a calibrated torque wrench between 160 and 180 inch pounds when used on 22ga steel, and between 130 and 150 inch pounds for all other metals and thinner gauges of steel. Consult the S-5! website at www.S-5.com for published data regarding holding strength.

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