

S-5!!

The Right Way!

S-5-H90 Clamp

The S-5-H90 is a one-piece clamp that was developed to securely and cost-effectively accommodate metal roof panels with a horizontal seam greater than 16.5mm.

Turning the clamp 90 degrees so that the bolt hole side is facing up, slip the clamp on the seam and tighten the setscrews. Go to www.S-5.com/tools for information about properly attaching S-5!® clamps.

After the clamp is installed, affix ancillary items using either of the two threaded bolt holes and bolt provided.

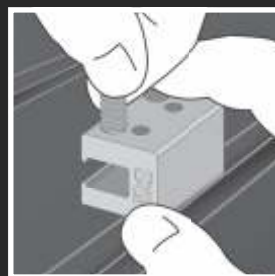
S-5-H90 Mini Clamp

The S-5-H90 Mini is a bit shorter than the S-5-H90 and has one setscrew and one threaded bolt hole rather than two. The mini is the choice for attaching all kinds of rooftop accessories: signs, walkways, satellite dishes, antennas, rooftop lighting, lightning protection systems, solar arrays, exhaust stack bracing, conduit, condensate lines, mechanical equipment—just about anything!*

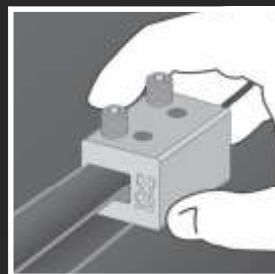
***Note:**

- Installation diagrams above illustrate S-5! Standard clamp
- The S-5! mini clamp is a standard stock item for Safintra South Africa. The Standard clamp is available on order, and subject to a 6-8 week delivery.

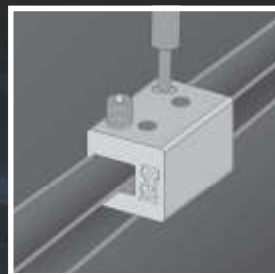
1



2



3



S-5-H90 and S-5-H90 Mini



The one-piece S-5-H90 clamp was developed to fit standing seam panels with horizontal seams.



The strength of the S-5-H90 clamp is in its simple design. The patented setscrews will slightly dimple the metal seam material but will not puncture it—leaving roof manufacturers' warranties intact.

The **S-5-H90** and **S-5-H90 Mini** clamps are each furnished with the hardware shown to the right. Each box also includes a bit tip for tightening setscrews using an electric screw gun. The structural aluminum attachment clamp is compatible with all common metal roofing materials excluding copper. All included hardware is stainless steel.

The S-5-H90 clamp has been tested for load-to-failure results on a variety of horizontal standing seam roof profiles from leading panel manufacturers. For design assistance, contact Safintra South Africa (and see our website www.safintra.co.za) or visit www.S-5.com for the independent lab test data that can be used for load-critical designs and applications. Also, please visit the S-5! website for more information including metallurgical compatibilities, and specifications.

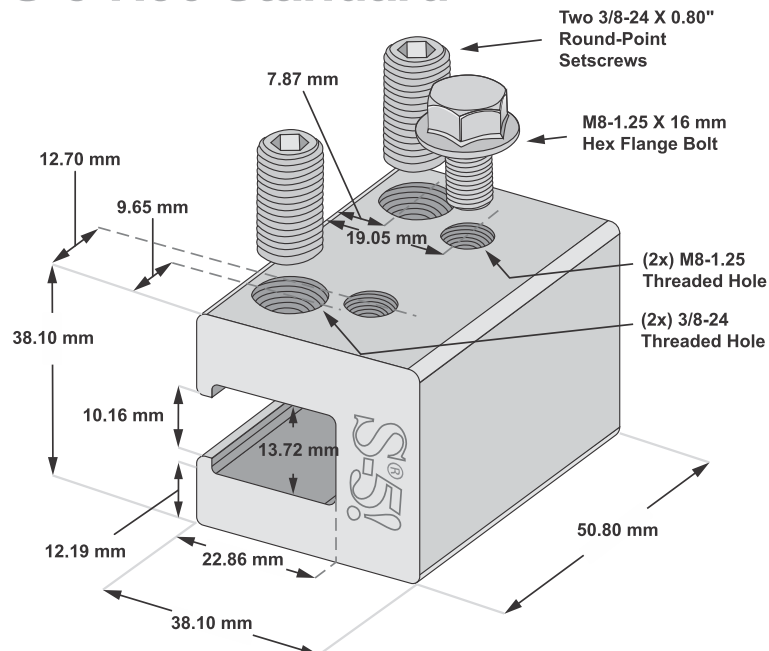
Example Profiles

NEWLOK
standing seam roofing

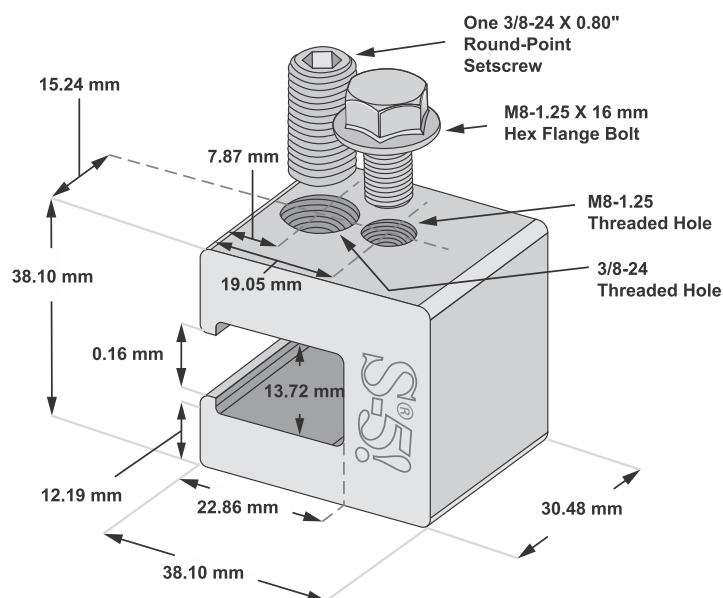


Newlok profile - seamed

S-5-H90 Standard



S-5-H90 Mini



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

S-5! Brackets and clamps are not tested for performance as part of a Fall Arrest or Personal Safety system. These applications need to be tested as a dynamic system and warranties or test results must be issued by the system provider. Safintra, Safal Group and its subsidiaries provide no warranties or any assurances in this application, and will accept no claims of any nature whatsoever arising out of any such applications.

Products are protected by multiple international patents. For published data regarding holding strength, bolt torque, patents and trademarks visit the S-5! website at www.S-5.com.

Copyright 2013, Metal Roof Innovations, Ltd. S-5! products are patent protected. S-5! Aggressively protects its patents, trademarks and copyrights.

Sole Agents for Africa:

SAFINTRA
world class roofing systems

www.safintra.co.za / www.safintra.com