

# S-5!®

## The Right Way!

These instructions are for use by those experienced in the craft. Always follow appropriate safety precautions and use appropriate tools.

## Installation Instructions

**S-5!® Warning!** Please use these products responsibly! Visit our website or contact your S-5! distributor for available load test results. The user and/or installer of these parts is responsible for all necessary engineering and design to ensure the S-5-N has been properly spaced and configured.

**Notice to S-5! users:** Due to the many variables involved with specific panel products, climates, snow melt phenomena and job particulars, the manufacturer cannot and does not express any opinions as to the suitability of any S-5! assembly for any specific application and assumes no liability with respect thereto. S-5! products are tested for ultimate holding strength on various profile types and materials. This information is available from the S-5! website: [www.S-5.com](http://www.S-5.com). This document is an installation guide only and the photographs and drawings herein are for the purpose of illustrating installation tools and techniques, not system designs.

The S-5-N and S-5-N Mini clamps are designed to fit Taylor Metals' Easy Lock™, ASC Building Products' Skyline Roofing®, McElroy Metals' Meridian, and New Tech Machinery's FF100 and similar 1" nail strip profiles.

## Tools Needed

- Screwgun
- 3/16" Allen Bit Tip (Provided)
- Dial-Calibrated Torque Wrench\*

(\*For accurate tension values, do NOT use a clicking torque wrench.)

## To Install S-5-N and S-5-N Mini:

- 1) Partially thread the setscrews into the clamp by hand.
- 2) Position clamp at desired location along the seam.
- 3) Make sure the nose of the clamp engages the female part of the seam.
- 4) Use a screwgun and the included bit tip to tighten one setscrew and then the other, alternating between the two until both setscrews are tightened to the specified torque. To install the S-5-N Mini, tighten the single setscrew to the specified torque.

**Note:** Seams that exceed .56" at the widest part, will require hand crimping to allow the clamp to fit.

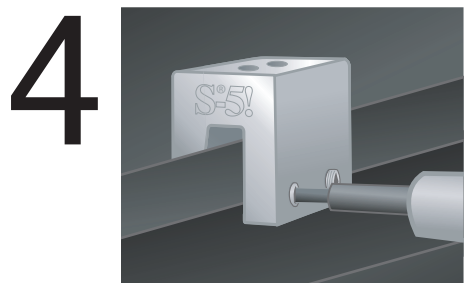
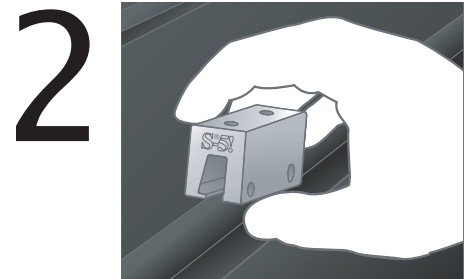
| Specified Torque | Inch Pounds | Foot Pounds | Nm    |
|------------------|-------------|-------------|-------|
| 22ga steel       | 160-180     | 13-15       | 18-20 |
| 24ga steel       | 130-150     | 11-12.5     | 15-17 |

All other metals - see our website at [www.S-5.com](http://www.S-5.com)

When relying upon published load values, setscrew tension should be verified periodically throughout the installation process, to be positive you are consistently achieving the proper torque.

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The right way to attach almost anything to metal roofs!