

S-5!®

The Right Way!

The right way to attach almost anything to metal roofs!

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 Dual Grip Strut 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. 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. Information contained within is intended to apply to the document as a whole.

The Dual Grip Strut is a component of the S-5! Utility System. The Dual Grip Strut is available in 3.00" and 30.00" lengths to enable the quick and easy attachment of countless utility applications. Custom lengths are also available. It can be easily rotated 360° on the S-5! mini clamps for orientation versatility.

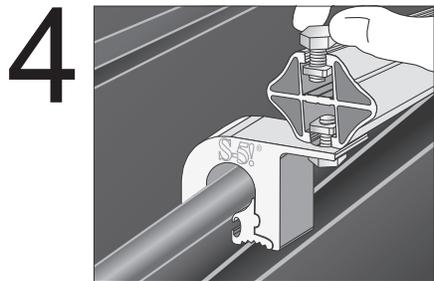
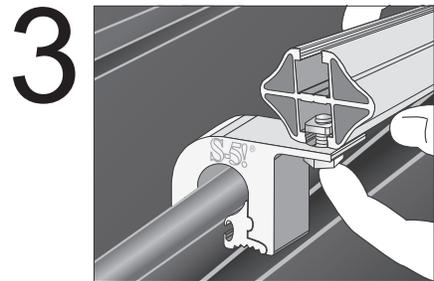
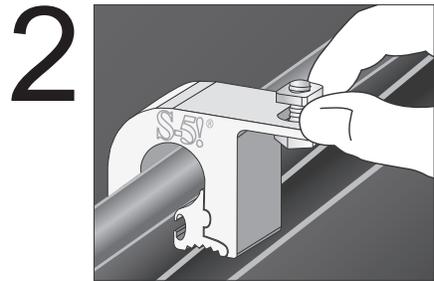
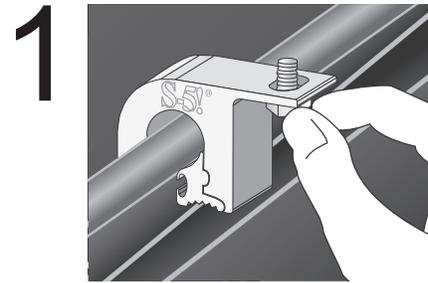
Tools Needed

- Dial-Calibrated Torque Wrench
(For accurate tension values, do NOT use a clicking torque wrench)

***For time saving tool recommendations contact S-5!**

To Install Dual Grip Strut

1. Starting with a flanged mini clamp or an S-5-FA (see installation instructions included with those products), insert a bolt upwards from the underside of the flange's slotted thru-hole.
2. Partially thread a square nut onto the bolt. The Dual Grip Strut will accept S-5! square M8 nuts (sold separately) or standard 3/8" square nuts supplied by other manufacturers.
3. Press the bolt upwards to ensure the square nut is elevated slightly above the clamp, then slide the Dual Grip Strut's base channel onto the square nut. Tighten bolt to secure placement of strut. Tighten bolt to 13 foot pounds for optimal holding strength.
4. Attach an ancillary item utilizing another bolt and square nut on the top channel of the Dual Grip Strut.



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

Dual Grip Strut is a product of Zilla®.