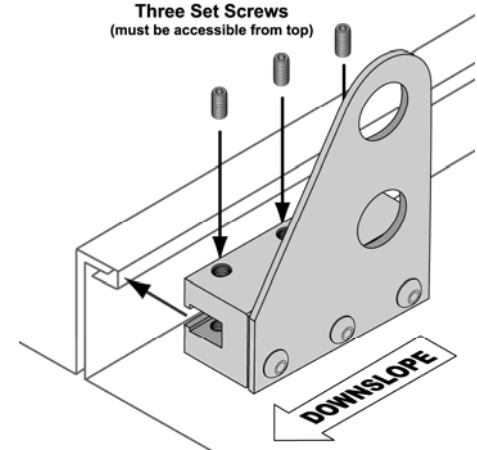




Installation Instructions for #4000T Pipe Style Snow Guards

I. Bracket Installation

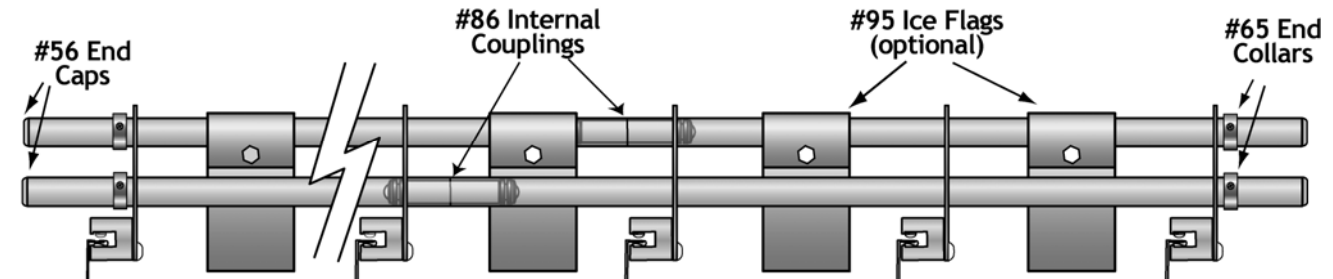
1. When attaching clamps to seams which are machine folded (regardless of panel profile and geometry), the S-5-U clamp is designed to engage the seam as shown for horizontal seam applications. The set screws must be accessible from the top for tightening.
2. NOTE: Some horizontal seams may require additional hand crimping at the clamp location. Consult your S-5! distributor for crimping tool information.
3. Assemble three set screws into the top of the clamp, being careful that the snow guard flag will be in the desired (upslope or downslope) orientation.
4. Position the clamps appropriately on the panel seam. Using a 3/16" allen-wrench attachment tip for a 1/4" drive screw gun, tighten and retighten set screws as the seam material compresses. (These screw gun tips are available from your S-5! product distributor). On low seam profiles, a 4" bit extension on the screw gun will facilitate this work. Most industrial grade screw guns are rated at 115 inch-pounds tightening torque and will deliver between 115 and -lbs (13-17Nm) at the *highest torque setting*. Please see ultimate load table for proper screw tensions and caution notes for various panel seams.
5. **CAUTION:** Battery-operated guns may not deliver consistent screw tension. Drywall guns may not deliver adequate tension.
6. Insert the 1" o.d. tubing through the holes in the uprights.
7. See Pipe Coupling Installation instructions for installing the 1" o.d. tubing.



II. Locking Collars, End Caps, and Ice Flags (optional)

See the Pipe Accessories Installation document for instructions on using the Internal Coupling (#86), End Caps (#56), End Collars (#65) and Ice Flags (#96).

*Please note: If it is necessary to unassemble and reassemble the #4000T bracket, the bolts that hold the flag onto the bracket in the upper holes and the bolts in the lower holes are threaded differently.



The S-5! clamp is a handy gadget for a great many uses, but will not perform miracles. PLEASE USE THIS PRODUCT RESPONSIBLY! Any loads imposed on the S-5! clamp will be transferred to the panels. Panels must be adequately attached to building structure to resist these loads. For critical installations, inquire for specific test data of ultimate tensile load on specific panel materials and seam types. When tabled values are used, screw tensions should be verified and factors of safety should be used as appropriate. The manufacturer expresses no opinions as to the suitability of the S-5! for any specific application or project condition. ALWAYS PROVIDE WORKER FALL PROTECTION WHEN INSTALLING S-5!. THE S-5! CLAMP IS NOT APPROVED FOR USE AS A PERSONAL FALL RESTRAINT DEVICE
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#4000T Two-Pipe Clamp to the Seam Snow Guard for Standing Seam Metal Roofs