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CONSIDERATIONS

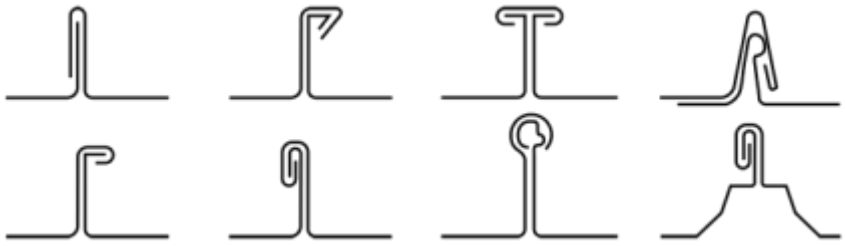
Important: The SataMount and satellite dishes are NOT designed to withstand snow loads. The SataMount assembly should always be mounted within 3' of the peak of the roof OR protected by a snow retention system mounted upslope from the SataMount.

It is highly recommend to have at least 2 people on site for the installation of the SataMount Satellite Standing Seam Mounting Bracket.

CHOOSING THE SATAMOUNT FOR STANDING SEAM ROOFS

Standing Seam Roofs:

Most standing seam, concealed fastener, floating metal roofs can **NOT** accept screw fasteners and will require the **SataMount RCT** with included roof clamps. Please verify that the roof clamps will fit your seam before installing.



***Make sure all workers are properly harnessed and anchored to the roof according to OSHA fall protection guidelines.**

***NEVER use the SataMount Bracket as a roof anchor tie-off point.**

REQUIRED TOOLS

Pencil or Sharpie to mark clamp locations
Safety Goggles, Gloves and Fall Protection
Tape Measure
Micro torque wrench (that reads in/lbs.) with 3/16" Allen bit.
9/16" Socket and Rachet for RoofClamp Top Bolts
Flexible bit extension for Torquing Roof Clamps

SataMount Components

(2) 27” SataMount Rails - Unistrut Defender Series Steel 100+ year service life finish, 12 ga. 1-5/8”

(4) ¼-20 Channel Nuts - Defender Series Finish

(4) ¼-20x1.5” Bolts - 304 Stainless Steel

(4) ¼” stainless steel flat washers

(4) Black Vinyl End Caps

(4) RCT Clamps with 3 set screws and 1 top bolt and washer each.

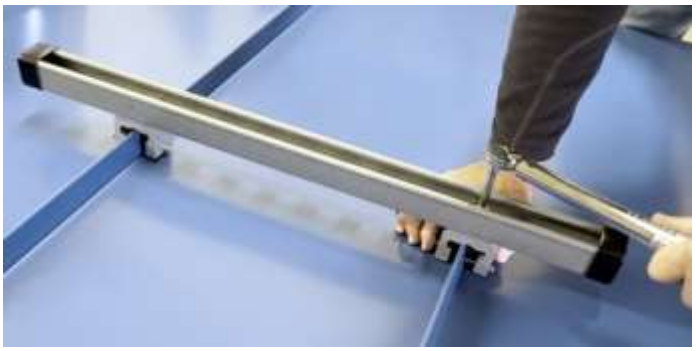
SataMount RCT Satellite Mounting Bracket Instructions

1. Measure the on-center spacing of your roof seams to determine where the RoofClamps will be installed on the Unistrut Rail. Use that measurement to pencil mark both rails and install 2 RoofClamps on each rail at the pencil marks, leave top bolts loose. Install the rubber end caps on both rails. **Tip:** Be sure to center the Unistrut rails on the seams so the load is equally dispersed across the four RCT clamps once the assembly is installed.

SataMount RCT Satellite Mounting Bracket Instructions Continued

2. Check the orientation of the set screws in the RoofClamp. Make sure the side with 2 set screws are about half way in the throat opening of the RoofClamp. The single set screw can be positioned where needed. Wider seams like bulb and T-Seams may require the set screws to backed out further to fit over the seam.

3. Set the **upper rail** assembly on the seams at the desired location with the RoofClamps centered over the seams, check that the rail is level and straight. Tighten the RoofClamp top bolts with a **micro torque wrench** to 90 inch pounds. **Push down on the Unistrut while tightening** all RoofClamp set screws to 90 inch pounds.



4. Attach the **base** of the **satellite mounting bracket** to the **lower rail (not yet installed)** using the supplied channel nuts and bolts. The channel nuts are inserted spring first into the Unistrut and locked into place by twisting clockwise. Hold channel nut while threading bolt through your satellite mounting base into the spring nuts. Leave bolts loose until the second rail is attached to the seams.

5. Set the second rail with the attached satellite bracket, over the seams so the other side of the bracket can be attached to the already installed first rail. Use the included spring channel nuts to attached the satellite mounting base to the first installed rail, leaving the bolts loose for now. Mount and tighten the Roof Clamp top bolts and set screws to 90 inch pounds. Equally tighten the channel spring nut bolts holding the satellite mounting base.