RoofClamp SataMount Specification Sheet:

Part 1 General
1. RoofClamp SataMount non-penetrating satellite dish attachment system for standing seam panels.
   a. Mechanically fastened to prefinished, painted, or galvalume metal roofs using RoofClamp RCT clamps.
2. RoofClamp SataMount clamps are constructed of heavy-duty extruded aluminum with stainless steel components. Unistrut Defender rails are 1-5/8" x 1-5/8" Defender finished 12-gauge steel slotted channel.
3. Satellite dish and roof accessory attachment system for standing seam metal roofs:
   a. Without penetrating seams/panels.
   b. With minimal dimpling of panel seams.
   c. Without voiding the lifetime warranty.
   d. With only cupped tip set screws torqued to 90in/lbs.
   e. RCT clamps are compatible with about 95% of modern stand seam profiles.
   f. Fits standing seam panels up to 24" wide.
4. Related Sections:
   a. Master Format™ 2004 Section [07 41 00 - Metal Roof Panels:] [07 61 00 - Sheet Metal Roofing:]
   b. Master Format™ 2004 Section [07 72 53.01] [07 72 53.02] - Snow Guards: Snow guards for metal roof system.
   c. Section [_____ - _____]: Roof-mounted [equipment.] [walkways.] [parapet bracing.] [solar panels.] [accessories.] [____.]
   d. Section [_____ - _____]: Roof-mounted piping.
   e. Section [_____ - _____]: Roof-mounted conduit.
5. Submittals:
   a. For Review:
      i. Shop drawings should include clamp spacing, accessory type being attached and locations of clamps.
      ii. Data sheets with description(s) of the product(s) and their installation instructions.
      iii. Clamp samples
   b. For Quality Control
      i. Provide product load testing data and test results performed on panels.
         1. Provide independent laboratory test data for product tensile load strength.
         2. Data outlining failure under load regarding the specific panel(s) proposed for the project.
6. Warranty
   a. Lifetime Warranty
      i. Provide warranty information from manufacturer covering against material and/or workmanship defect(s).

Part 2 Product
1. Acceptable Manufacturer

IceBlox, Inc., d.b.a. Snoblox-Snojax	**Phone:** (800) 766-5291 (717) 737-4398	**Online:** www.snoblox-snojax.com support@snojax.com	**Warehouse:** 671 Willow Street Lemoyne, PA 17043

2. Substitutions – Not Permitted

Materials
Extruded 6061 – T6 Aluminum RCT clamp body.
Stainless Steel Components
   1 ¼" x 3/8" threaded cupped nose set screws. Round nose set screws not permitted.
   3/8" threaded top-mount bolt w/ washer
   ¼-20 x 1.5" bolts
   ¼" 304 Flat Washers
27" P1000T DF Unistrut Defender finish (100+ year service life)
Defender series Spring Channel Nuts
Black Vinyl End Caps

Part 3 Execution
Typical Preparation
1. Clean point of attachment prior to installation removing all loose material that could hinder performance.
2. Verify that installation will not negatively affect roof draining ability.
3. Verify that the roof is in serviceable condition and can safely withstand any additional loads the clamps may present.
4. Mount within 3' from the peak of the roof or protect with a snow retention system.

Installation
1. Pre-Assemble the SataMount assembly to the satellite mounting base before climbing roof.
2. The open face of the struts should point up away from roof surface when installed. Use the channel nuts to secure the mounting hardware.
3. Measure the "on center" seam spacing of the panels to determine the proper clamp location on the strut.
4. Ascend the roof to the installation location and put a pencil mark the mounting location of the RCT clamps on the seams.
5. Torque all set screws to 90 in/lbs. while applying even downward pressure to the assembly.
6. Tighten all mounting hardware to 90 in/lbs.