

## DESCRIPTION

*Basic Use:* Real Tool® RT 300 Snow Guard is a device designed for the prevention of damage caused by the sliding of snow and ice on standing seam metal roofs.

*Limitations:* Real Tool® RT 300 Snow Guard is designed to accommodate a seam of up to 9/32 inch thick and is suited for heavy gauge metals such as 20oz copper, 24 gauge prefinished metal and products of similar thickness.

*Finish Styles:* Real Tool® RT 300 Snow Guards are manufactured in three finishes; Mill Finish, Primer Finish, and Custom Color Finish. The mill finished style is an unpainted aluminum casting. The primer finish has a black epoxy powder coat. An RT300 Snow Guard with this type of finish requires further coating. The black epoxy powder coat provides a base for the application of additional paint finishes. A high quality spray enamel is suggested for painting. We will also provide the RT 300 Snow Guards in a custom color finish. Imron® 326\* Polyurethane enamel paint is used for the custom color finish and can be matched to virtually any non-metallic paint finish.

## INSTALLATION

**Preparation - Determining Proper Torque** Torque will vary depending on the type and gauge of the metal roof. The recommended method for determining proper torque is to install one unit first. After tightening the stainless steel set screws, loosen and remove the unit, inspecting the indentations created in the seam to see that the proper compression was obtained. Remember, the screw closest to the blade derives its strength from the blade, and if extra torque is needed, apply it to that screw.

### **Application - Snow Guard Placement**

Snow Guard placement will vary from region to region. Roof pitch, as well as lengths of runs and seam spacing influence the layout. Recommendations can be found in SMACNA and other industry standards. We can provide free custom layout design. Ultimately, placement should be determined by a qualified design professional.