



SquareLock™ Snow Guard

Product Description: The SquareLock™ Snow Guard by Lifetime Tool® is a traditional snow retention device used to help prevent the risk of snow slides from sloped metal roof structures.

The SquareLock™ is historically appropriate and with its patented angled set screws, help prevent panel damage from the use of cordless impacts and/or other tools during installation.

Its American made oval point set screws help protect from cookie cutting or damaging the standing seam when tightened. The two set screws when torqued form the metal into the snow guard's interior square recesses creating an I-beam structure that provides a far superior attachment along with greater load bearing capabilities.

The SquareLock™ snow guard has been developed, manufactured, and evaluated to handle concentrated loads so tremendous that in testing, the panels themselves crushed without dislodging or damaging the SquareLock™ snow guard itself. The rigorous standards of this test were performed by Farabaugh Engineering and Testing, an independent laboratory with extensive experience in the roofing industry. Details can be found on our website at www.lifetimetool.com.

Manufactured from a certified aluminum-magnesium alloy (Almag 35) it has superior corrosion resistance compared to regular aluminum and with its 13% elongation, it is almost unbreakable. Almag 35 is used extensively in quality marine hardware and coastal accessories for the most aggressive environments.

Utilizing a proprietary casting process specific to the Almag 35 alloy, the SquareLock™ exhibits strength to withstand maximum screw torque without failure or breakage. The pure alloy's corrosion resistance will never become an issue even in the harshest environments.

The SquareLock™ is available in two slot sizes which are .200" and .300" to accommodate conventional double lock standing seam panels.



Instructions and Recommendations for Use

Position the SquareLock™ Snow Guard over the seam at the correct structural location (generally located over a load bearing wall) and tighten the set screws with a 3/16" hex bit on an impact, ratchet or use an Allen wrench, do not over torque!

After the installation of the first guard, remove it and examine the indents in the standing seam itself that were created when the set screws were tightened. Make sure there is a square impression with no signs of significant damage to the sheet metal itself, tears or perforations. Several attempts may be necessary to obtain the desired results. Replace and apply an equal amount of torque to the remaining units.

There are two size options offered for the SquareLock™ Snow Guard. The LT-200 will fit over seam thicknesses up to 3/16" (0.190") which will typically be found with standing seams panels to 24ga. The LT-300 will fit over seam thicknesses up to 9/32" (0.281") for 24ga.-22ga. double lock standing seam panels.

Additional information can be found on the Lifetime Tool® website at www.lifetimetool.com.

All components are made, assembled, and packaged in the U.S.A. Warrantied for the life of the roof covering materials. See website for details

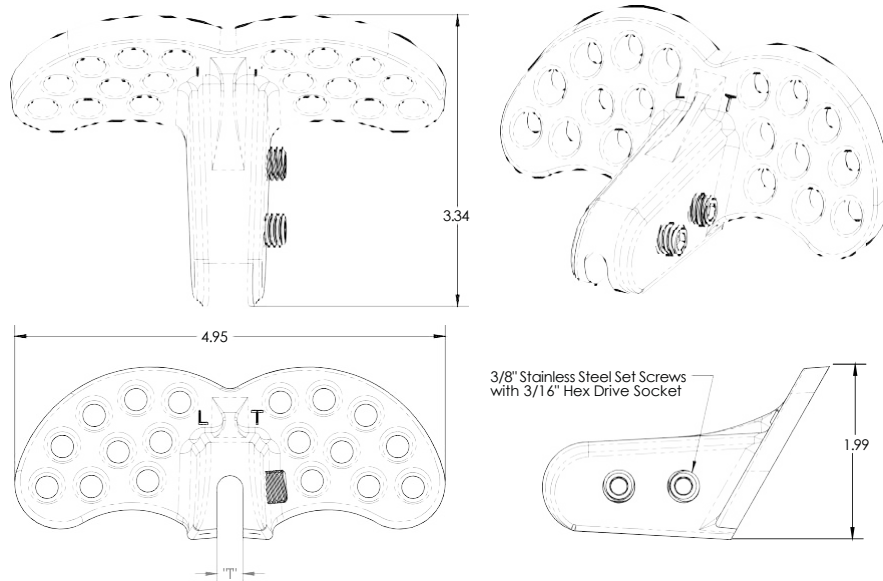
Specific Data - Materials of Construction:

- **SquareLock™ Snow Guard Body** – Structure is precision cast from a high-strength Aluminum-Magnesium Alloy, called Almag 35, used in industry for electronic equipment and aerospace applications requiring excellent dimensional stability and strength. It exhibits superior ductility and does not require tempering to achieve maximum strength capability.
- **Clamp Set Screws** – Swiss screw machined from a high-quality type 303 stainless steel and then passivated for superior oxidation resistance.

Availability:

The SquareLock™ Snow Guard is available in two sizes, the LT-200 and the LT-300 as illustrated in the specification drawing and size table shown below. Both sizes are available in a mill finish or in pre-coated Kynar® colors. Please see www.lifetimetool.com for available colors.

Packaged in cartons of 100 pieces with instructions and a 3/16" hex driver tool. A hardened high quality 3/16" hex driver bit to fit battery powered driver hand tools is available for purchase separately.



The SquareLock™ Snow Guard meets or exceeds the testing criteria as determined within ASTM E 72-02 Concentrated Load Test as performed by independent testing laboratories. See www.lifetimetool.com for final test report.

SquareLock™ Snow Guard Dimensions

Maximum Seam Thickness	LT Part No.	Dim "T"	Parts / Carton	Carton Dimensions	Carton Weight
3/16" (0.190)	LT - 200	0.198"	100	12"x12"x10"	34 lbs.
9/32" (0.281)	LT - 300	0.298"	100	12"x12"x10"	32 lbs.

Notice:

All parts are manufactured and assembled in the U.S.A. Protected by U.S. Patents 8,898,961

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