

THE RIGHT WAY



# SNOW

Attachment Solutions, Products  
& Lots of Other Stuff



***The Right Way™*** | (888) 825-3432 | ***www.S-5.com***





# Tested. Trusted. Engineered.

*For the life of the roof from the metal roof experts.*



## From Simple Beginnings to Metal Roofs Worldwide...

With more than 100 patents and a track record as the industry's leading provider of metal roof attachments, S-5! offers the highest-quality, made in the U.S.A., engineered products at surprisingly low costs. Our clamps and brackets make it easy to attach virtually anything to standing seam, exposed-fastened and corrugated metal roof profiles. S-5! is the most trusted name in the metal construction and solar industries.

## Like a Saddle on a Horse

In 1992, Rob Haddock, founder and CEO, conceived a simple but powerful attachment solution idea: use a block with a slot that would straddle the seam—like a saddle on a horse. Fast-forward, and his wide array of metal roof attachment inventions continue to revolutionize the industry.

## Quality Assurance: Zero Defects

- Proven performance since 1992
- Family-owned
- Certified material and manufacturing processes
- 5,000+ individual tensile load tests performed on roof specimens of various gauges and materials
- Limited Lifetime Materials & Workmanship Warranty\*
- State-of-the-art manufacturing facility
- Available in the U.S.A. and in more than 70 countries worldwide

## Extensive Quality Control Protocols

- ISO 9001: 2015
- Underwriters Laboratories
- Factory Mutual
- TÜV
- ICC-ES

“An elevation of 14,115 feet presents many challenges. S-5! was able to anodize its ColorGard® and clamps in a dark bronze finish to complement the weathering steel look of the metal roof.”

**John L. Fleming, Jr. President - Weathercraft Company**

Mounting Snow Retention ***The Right Way™***.  
You'll never find broad, speculative advertising claims about our products.  
**We can prove everything we say—just ask.**

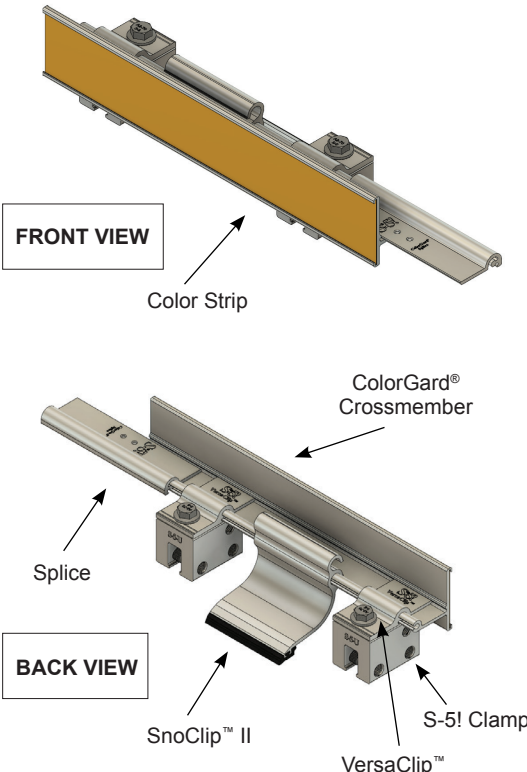
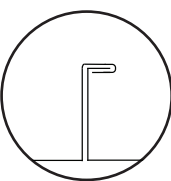
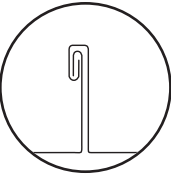
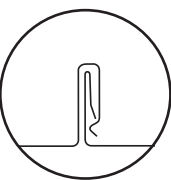
\*Visit [www.s-5.com](http://www.s-5.com) for warranty details.

# ColorGard® Snow Retention Solution

## For Standing Seam Metal Roofing

**ColorGard** is a complete snow guard system specifically designed to protect your standing seam metal roof. Our non-penetrating clamps' strong mechanical interlock restrains the snow while keeping your metal roof's warranty intact. **ColorGard** is warranted to last the life of your metal roof, giving you decades of service.

Retrofit existing roofs or incorporate **ColorGard** during new roof construction. Prefabricated components make installation easy, and our online calculator provides job-specific engineering for tested and proven strength. **ColorGard's** perfect color matching also maintains your roof's visual appeal.

Product	Profile	Features & Benefits
 <p><b>FRONT VIEW</b></p> <p>Color Strip</p> <p>ColorGard® Crossmember</p> <p>Splice</p> <p><b>BACK VIEW</b></p> <p>SnoClip™ II</p> <p>VersaClip™</p> <p>S-5! Clamp</p>	 <p>Single-Folded Standing Seam</p>  <p>Double-Folded Standing Seam</p>  <p>Snap-Lock Standing Seam</p>	<ul style="list-style-type: none"> <li>• Free Lifetime Material/Defect Warranty*</li> <li>• Limited Lifetime Performance Warranty available</li> <li>• Job-specific, low-cost, P.E. wet stamp available</li> <li>• Maintenance-free, 100% aluminum and stainless-steel components</li> <li>• Affordable cost with documented holding strength</li> <li>• Architecturally clean lines with perfect color matching</li> <li>• Easy-to-use online project calculator provides job-specific engineering and a bill of materials (BOM)</li> <li>• Proven performance since 1995</li> <li>• Endorsed by every major metal roof manufacturer in North America</li> <li>• Available from select S-5! Authorized Distributors</li> </ul>

All Components Sold Separately

\*Visit [www.s-5.com](http://www.s-5.com) for warranty details.

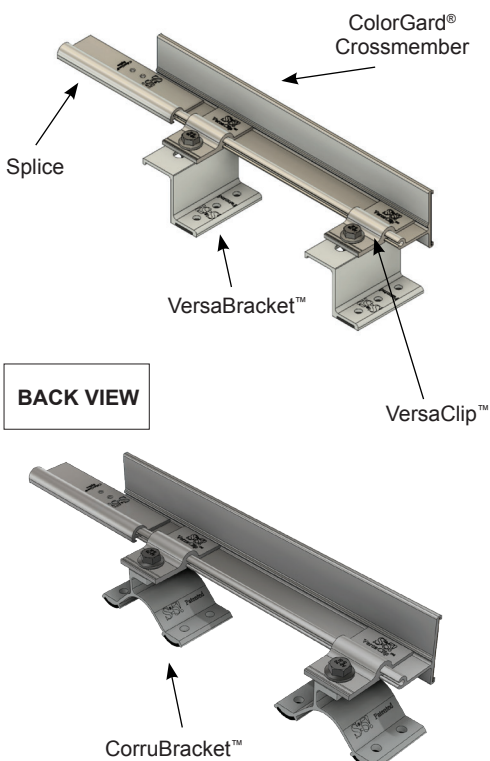
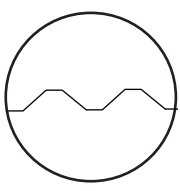
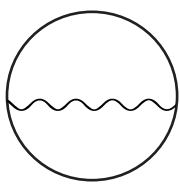


# ColorGard® Snow Retention Solution

## For Exposed-Fastened & Corrugated Metal Roofing

The **ColorGard** snow guard system combines exceptional holding strength and waterproof effectiveness to protect exposed-fastened roofs. **ColorGard** attaches to exposed-fastened roofs using S-5! brackets, which passed ASTM E2140 – the most stringent watertight testing available. Made of corrosion-resistant materials, **ColorGard** is warranted to last the life of your metal roof.

**ColorGard** actually costs less than comparable systems and offers perfect color matching. Our online calculator provides job-specific engineering, and you can install ColorGard during new construction or retrofit existing roofs.

Product	Profile	Features & Benefits
 <p>ColorGard® Crossmember</p> <p>Splice</p> <p>VersaBracket™</p> <p>VersaClip™</p> <p>CorruBracket™</p> <p>BACK VIEW</p>	 <p>Exposed-Fastened</p>  <p>Corrugated</p>	<ul style="list-style-type: none"> <li>• Free Lifetime Material/Defect Limited Warranty*</li> <li>• Limited Lifetime Performance Warranty available</li> <li>• Job-specific, low-cost, P.E. wet stamp available</li> <li>• Maintenance-free, 100% aluminum and stainless-steel components</li> <li>• S-5! brackets have passed the most stringent watertight test available - ASTM E2140</li> <li>• Affordable cost with documented holding strength</li> <li>• Architecturally clean lines with perfect color matching</li> <li>• Easy-to-use online project calculator provides job-specific engineering and a bill of materials (BOM)</li> <li>• Proven performance since 1995</li> <li>• Endorsed by every major metal roof manufacturer in North America</li> <li>• Available from select S-5! Authorized Distributors</li> </ul>

All Components Sold Separately

\*Visit [www.s-5.com](http://www.s-5.com) for warranty details.



# ColorGard® Snow Retention Solution

## For Trapezoidal-Ribbed, Insulated Metal Panel (IMP) Roofing



**SnoBracket™** attaches to your Insulated Metal Panel's (IMP) trapezoidal rib to allow snow guard installation without thermal bridging. The sheeting-only attachment is proven watertight through testing and made of corrosion-resistant materials warranted for the life of your roof.

SnoBracket comes in two sizes to fit most trapezoidal profiles and pairs with S-5! ColorGard® to offer you an attractive, durable system. See page 28 for more information about profile specifics for **SnoBracket™ RB** and **SnoBracket™ TB**.

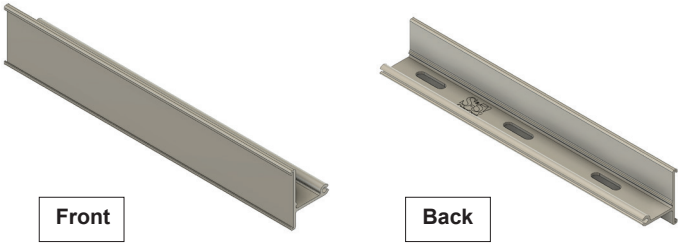
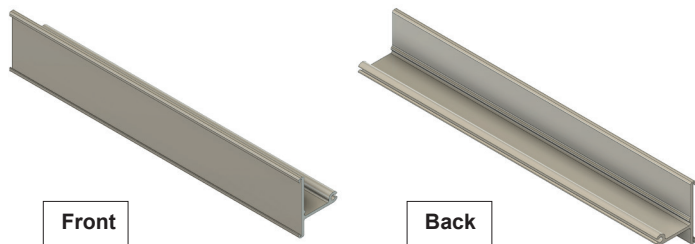
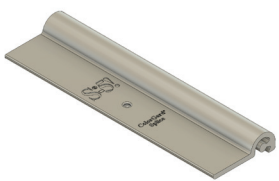
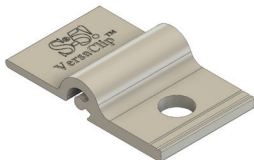
Product	Profile	Features & Benefits
<p>FRONT VIEW</p> <p>BACK VIEW</p> <p>SnoBracket™ TB</p> <p>Color Strip</p> <p>ColorGard® Crossmember</p> <p>Splice</p> <p>VersaClip™</p>	<p>Insulated Metal Panel (IMP)</p>	<p><i>Note: SnoBracket TB shown in illustrations to the left. Position of ColorGard crossmember on bracket remains the same for SnoBracket RB.</i></p> <ul style="list-style-type: none"> <li>• Free Lifetime Material/Defect Limited Warranty*</li> <li>• Maintenance-free, 100% aluminum and stainless-steel components</li> <li>• Sheeting-only bracket attaches to your IMP trapezoidal rib to allow snow guard installation without thermal bridging</li> <li>• Available in two sizes to fit most trapezoidal profiles</li> <li>• Factory-applied ASTM E2140 tested EPDM seal prevents leaks</li> <li>• Compatible with S-5! ColorGard snow retention system</li> <li>• Corrosion-resistant materials warranted for the life of the roof</li> <li>• Endorsed by multiple IMP manufacturers</li> <li>• Easy-to-use online project calculator provides job-specific engineering and a bill of materials (BOM)</li> <li>• Available from select S-5! Authorized Distributors</li> </ul>

All Components Sold Separately

\*Visit [www.s-5.com](http://www.s-5.com) for warranty details.

# ColorGard® Components

The components, quantities and costs for your metal roof's snow retention system are project specific. Calculate your particular system with our online Snow Guard Calculator at [www.s-5.com](http://www.s-5.com).

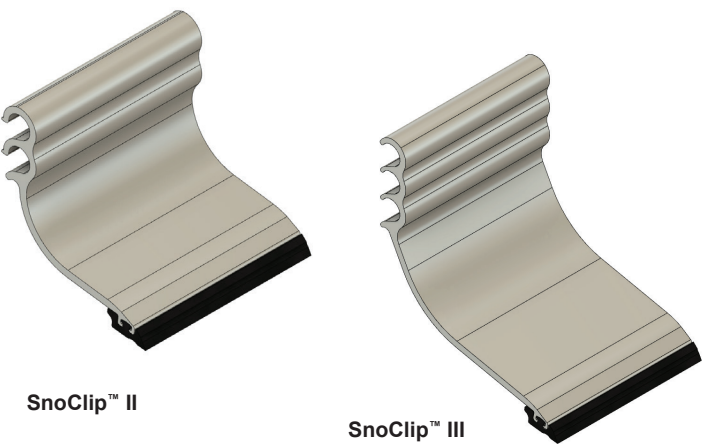
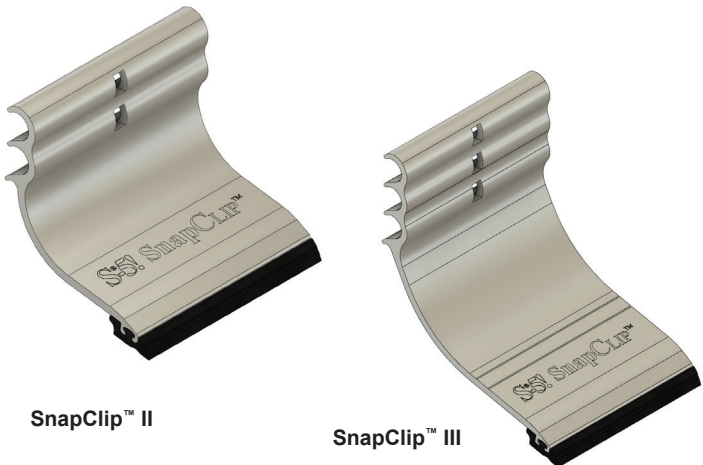
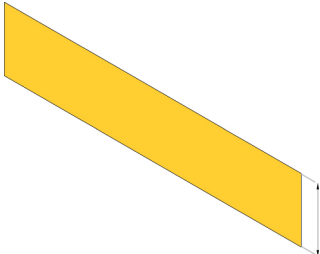
Product	Features & Benefits	Minor Box *MSRP US Dollars
<b>Punched Crossmember (Sold in 7' 8" Lengths)</b>  <p>Front</p> <p>Back</p>	<ul style="list-style-type: none"> <li>Slotted every 4" on center for seams spaced accordingly (divisible by 4")</li> <li>Use with all compatible standing seam clamps (Not for exposed-fastened profiles)</li> <li>Installs in 7' 8" lengths</li> </ul>	24.00
<b>Unpunched Crossmember (Sold in 7' 8" Lengths)</b>  <p>Front</p> <p>Back</p>	<ul style="list-style-type: none"> <li>Use with all compatible standing seam clamps or exposed-fastened brackets</li> <li>Accommodates any seam/rib spacing</li> <li>Installs in 7' 8" lengths</li> </ul>	21.31
<b>Splice (Included w/ Punched or Unpunched Crossmembers)</b> 	<ul style="list-style-type: none"> <li>Joins adjacent ColorGard crossmembers to maintain structural continuity</li> <li>Automatically provides for linear thermal expansion and contraction of the assembly</li> </ul>	1.42
<b>VersaClip™ (Purchased Separately)</b> 	<ul style="list-style-type: none"> <li>Connects unpunched crossmember to S-5! standard clamps or exposed-fastened brackets (S-5! M8 bolt and nut are required when using VersaBracket™)</li> </ul>	1.42

\*Pricing above is in USD on date of printing. Prices vary based on region and other factors. Pricing improves with order quantity. Call your S-5! Authorized Distributor.



# ColorGard® Components

The components, quantities and costs for your metal roof's snow retention system are project specific. Calculate your particular system with our online Snow Guard Calculator at [www.s-5.com](http://www.s-5.com).

Product / Seam	Features & Benefits	Minor Box *MSRP US Dollars
<b>SnoClip™</b>  <p>SnoClip™ II</p> <p>SnoClip™ III</p>	<ul style="list-style-type: none"> <li>Retards migration of snow/ice beneath crossmembers</li> <li>Optional with user discretion</li> <li>Assembled to crossmember during installation</li> <li>Available in two sizes: <ul style="list-style-type: none"> <li>SnoClip II is designed for seam heights of 1" to 1-1/2"</li> <li>SnoClip III is designed for seam heights of 1-1/2" to 3"</li> </ul> </li> <li>Depending on panel width, one or two SnoClips are used between seams</li> </ul>	<p>(II) <b>2.55</b></p> <p>(III) <b>3.20</b></p>
<b>SnapClip™</b>  <p>SnapClip™ II</p> <p>SnapClip™ III</p>	<ul style="list-style-type: none"> <li>Retards migration of snow/ice beneath crossmembers</li> <li>Used in new or to retrofit an existing ColorGard assembly</li> <li>Screw-fastens to the crossmember, preventing its lateral migration</li> <li>Available in two sizes: <ul style="list-style-type: none"> <li>SnapClip II is designed for seam heights of 1" to 1-1/2"</li> <li>SnapClip III is designed for seam heights of 1-1/2" to 3"</li> </ul> </li> <li>Depending on panel width, one clip or two clips are used between panels</li> </ul>	<p>(II) <b>3.33</b></p> <p>(III) <b>4.22</b></p>
<b>Color Strip (Not Included)</b> 	<ul style="list-style-type: none"> <li>A strip of roof material inserted into crossmember to match the roof color</li> <li>Request color strips 2" wide from roofing panel manufacturer or your S-5! Authorized Distributor</li> </ul>	<b>N/A</b>

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# ColorGard®

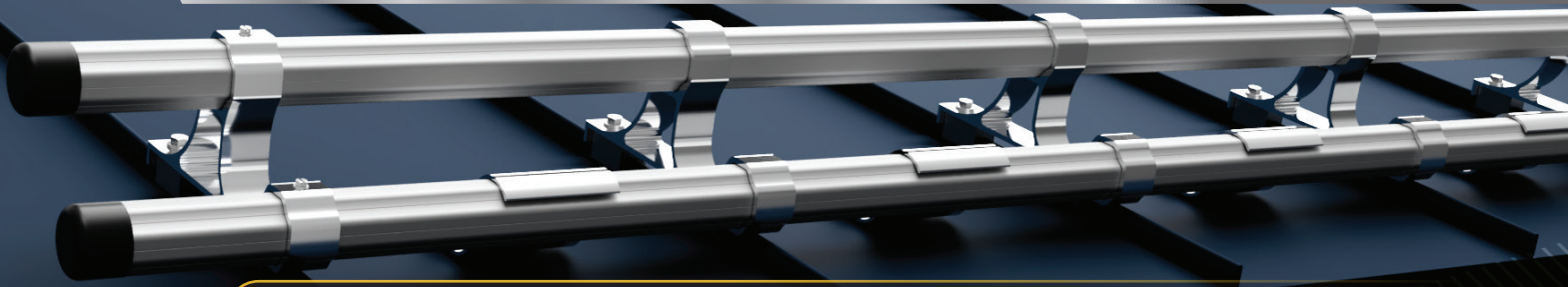
Calculate your particular system with our online Snow Guard Calculator at [www.s-5.com](http://www.s-5.com).





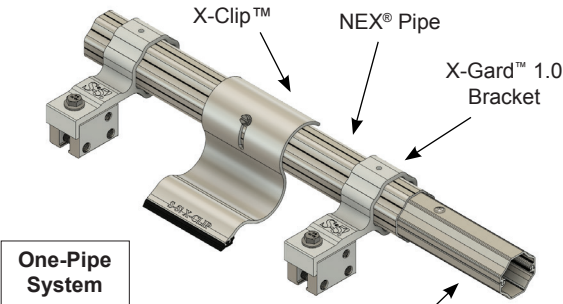
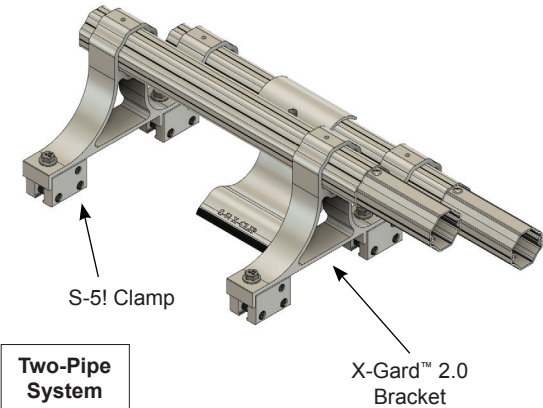
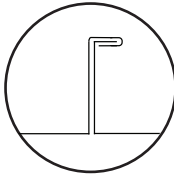
# X-Gard™ 1.0 and X-Gard™ 2.0 Snow Retention Solutions

For Standing  
Seam Metal  
Roofing



The **X-Gard** snow retention system offers you unprecedented holding strength for standing seam metal roofs including IMPs. Available in a one- or two-pipe system, **X-Gard** can be incorporated into new construction or easily retrofitted to an existing roof.

Paired with the NEX® pipe, **X-Gard** is designed for heavy-duty performance under maximum load/span conditions without penetrating your roof. **X-Gard** can be painted, powder coated or anodized to preserve your metal roof's aesthetics.


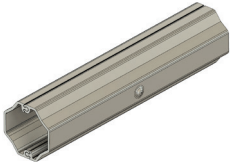
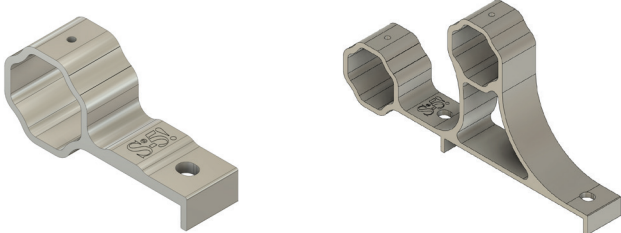

Product	Profile	Features & Benefits
 <p>One-Pipe System</p>  <p>Two-Pipe System</p>	 <p>Standing Seam</p>	<ul style="list-style-type: none"> <li>• Free Lifetime Material/Defect Limited Warranty*</li> <li>• Job-specific, low-cost, P.E. wet stamp available</li> <li>• Maintenance-free, 100% aluminum and stainless-steel components</li> <li>• Affordable cost with documented holding strength</li> <li>• May be anodized or powder-coated to match roof color – ask your S-5! Authorized Distributor</li> <li>• Easy-to-use online project calculator provides job-specific engineering and a bill of materials (BOM)</li> <li>• Perfect for insulated metal panel (IMP) roofs with seam spacing of 36" - 48"</li> <li>• Retrofit existing roofs or include during new construction</li> <li>• Available from select S-5! Authorized Distributors</li> </ul>

All Components Sold Separately

\*Visit [www.s-5.com](http://www.s-5.com) for warranty details.

# X-Gard™ Components

The components, quantities and costs for your metal roof's snow retention system are project specific. Calculate your particular system with our online Snow Guard Calculator at [www.s-5.com](http://www.s-5.com).



Product	Features & Benefits	Minor Box *MSRP US Dollars
<b>1-Pipe or 2-Pipe System Using NEX® Pipe</b> <b>(Sold in 7' 8" Lengths)</b> 	<ul style="list-style-type: none"> <li>Proprietary octagonal crossmember – much stronger than conventional round pipe</li> <li>Spans up to 48"</li> <li>Able to cantilever up to 20" past the last clamp in an assembly</li> <li>Installs in 7' 8" lengths</li> </ul>	<b>37.56</b>
<b>Splice (Comes with NEX Pipe)</b> <b>(Sold in 7' 8" Lengths)</b> 	<ul style="list-style-type: none"> <li>Joins adjacent NEX crossmembers to maintain structural continuity</li> <li>Automatically provides for thermal linear expansion and contraction of the X-Gard assembly</li> </ul>	
<b>X-Gard™ 1.0 or X-Gard™ 2.0 Bracket</b> 	<ul style="list-style-type: none"> <li>Secures attachment of pipe(s) to clamps</li> </ul>	<b>(1.0)</b> <b>4.79</b>  <b>(2.0)</b> <b>12.10</b>
<b>X-Gard™ End Cap</b> 	<ul style="list-style-type: none"> <li>Keep rain, dirt, vermin and debris out of pipes</li> </ul>	<b>1.81</b>

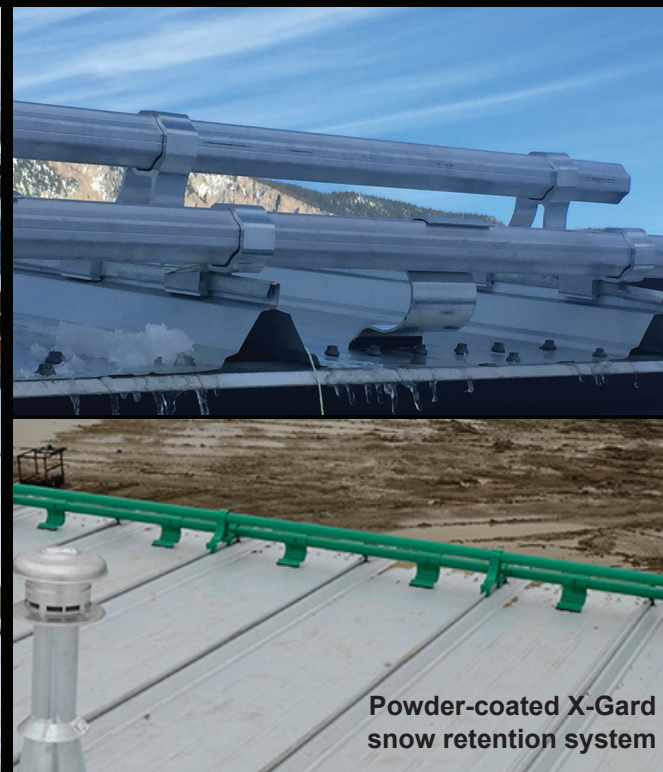
\*Pricing above is in USD on date of printing. Prices vary based on region and other factors. Pricing improves with order quantity. Call your S-5! Authorized Distributor.



# X-Gard™ Components

The components, quantities and costs for your metal roof's snow retention system are project specific. Calculate your particular system with our online Snow Guard Calculator at [www.s-5.com](http://www.s-5.com).

Product	Features & Benefits	Minor Box *MSRP US Dollars
<b>X-Clip™ II (Optional)</b> 	<ul style="list-style-type: none"> <li>Retards snow/ice sliding under crossmember</li> <li>Integrated rubber “foot” prevents abrasion of panel finish</li> <li>Fits seam heights - 1" (25 mm) up to 1-3/4" (44.5 mm). Fits up to 2" (51 mm) vertical seams, but not 2" (51 mm) horizontal seams</li> </ul>	<b>5.30</b>
<b>X-Clip™ III (Optional)</b> 	<ul style="list-style-type: none"> <li>Retards snow/ice sliding under crossmember</li> <li>Integrated rubber “foot” prevents abrasion of panel finish</li> <li>Designed for seam heights of 2" (51 mm) up to 3" (76 mm)</li> <li>Should not be used on 3" horizontal seams</li> </ul>	<b>5.51</b>



Powder-coated X-Gard snow retention system

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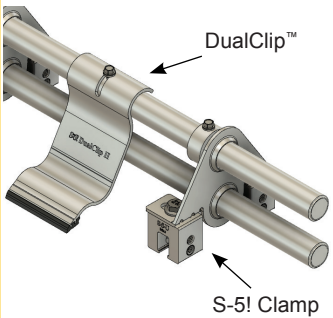
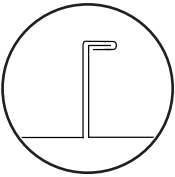
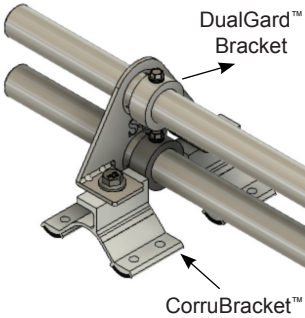
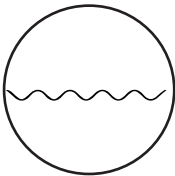
# DualGard™ Snow Retention Solution

## For Standing Seam & Corrugated Metal Roofing



**DualGard** can be used on almost any standing seam metal roof or on exposed-fastened “true” corrugated metal roofing. This versatile snow guard system stands out as the most reliable and lowest-cost, two-pipe system on the market.

Backed by independent lab testing, **DualGard** can be engineered for documented holding strength using our online calculator. You can also anodize or powder-coat **DualGard** to match the color of your roof.

Product	Profile	Features & Benefits
	 Standing Seam	<ul style="list-style-type: none"><li>• Free Lifetime Material/Defect Limited Warranty*</li><li>• Job-specific, low-cost, P.E. wet stamp available for standing seam</li><li>• Maintenance-free, 100% aluminum and stainless-steel components</li><li>• Affordable cost with documented holding strength</li><li>• May be anodized or powder-coated to match roof color - ask your S-5! Authorized Distributor</li><li>• Easy-to-use online project calculator provides job-specific engineering and a bill of materials (BOM)</li><li>• One-inch diameter, two-pipe system</li><li>• Accommodates most standing seam and corrugated metal roofing profiles</li><li>• Available from select S-5! Authorized Distributors</li></ul>
	 Corrugated	

All Components Sold Separately

\*Visit [www.s-5.com](http://www.s-5.com) for warranty details.





# DualGard™ Components


The components, quantities and costs for your metal roof's snow retention system are project specific. Calculate your particular system with our online Snow Guard Calculator at [www.s-5.com](http://www.s-5.com).

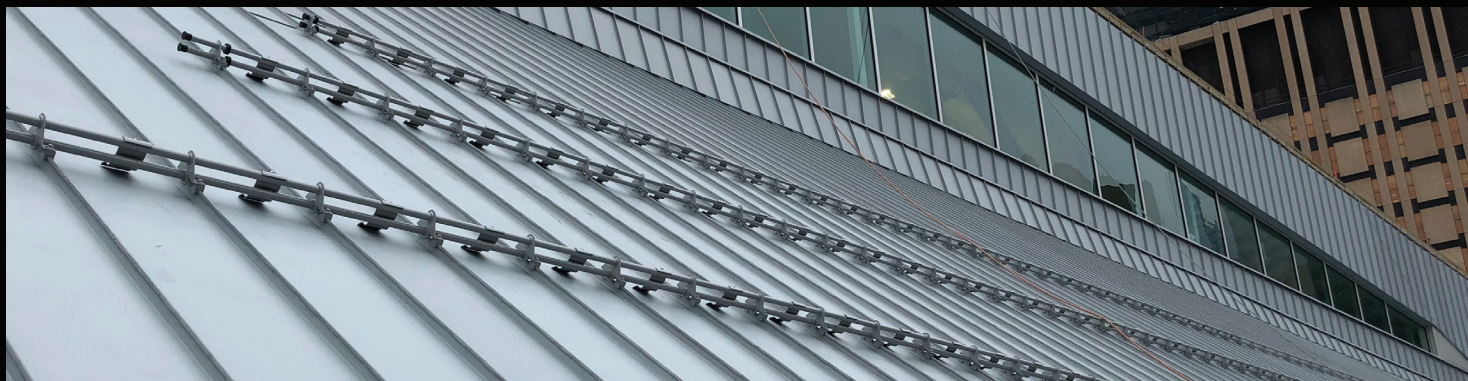
Product	Features & Benefits	Minor Box *MSRP US Dollars
<b>DualGard™ Bracket</b> 	<ul style="list-style-type: none"> <li>• Secures crossmembers to S-5! clamps or the S-5! CorruBracket™</li> <li>• Specially designed for lateral system stability</li> </ul>	<b>4.49</b>
<b>DualPipe™ (Sold in 7' 8" Lengths)</b> 	<ul style="list-style-type: none"> <li>• 1" diameter, 6,000 series aluminum pipe crossmember with 1/8" wall</li> <li>• Comes with DualGard Splice</li> <li>• Installs in 7' 8" lengths</li> </ul>	<b>24.79</b>
<b>DualGard™ Splice (Included w/ DualPipe)</b> 	<ul style="list-style-type: none"> <li>• Connects adjacent 1" pipes for continuity</li> <li>• Provides for thermal linear expansion and contraction of the DualGard assembly</li> <li>• Included with DualPipe</li> </ul>	
<b>DualCollar™ (4 Included)</b> 	<ul style="list-style-type: none"> <li>• Installed on DualPipe at the ends of an assembly, locking DualPipe in place to prevent lateral shifting</li> </ul>	<b>21.20</b>
<b>DualGard™ End Cap (4 Included)</b> 	<ul style="list-style-type: none"> <li>• Keep rain, dirt, vermin and debris out of DualGard pipes</li> <li>• Packaged with DualCollars</li> </ul>	

\*Pricing above is in USD on date of printing. Prices vary based on region and other factors. Pricing improves with order quantity. Call your S-5! Authorized Distributor.

# DualGuard™ Components

The components, quantities and costs for your metal roof's snow retention system are project specific. Calculate your particular system with our online Snow Guard Calculator at [www.s-5.com](http://www.s-5.com).

Product	Features & Benefits	Minor Box *MSRP US Dollars
<b>DualClip™ II &amp; III</b> 	<ul style="list-style-type: none"> <li>Retards migration of snow/ice beneath crossmembers</li> <li>Optional with user discretion, but recommended on seam heights of 2" and greater</li> <li>Can be assembled to crossmember during or following system installation</li> <li>Available in two sizes to accommodate various seam-height dimensions</li> </ul>	<p>(II) <b>4.34</b></p> <p>(III) <b>5.82</b></p>



\*Pricing above is in USD on date of printing. Prices vary based on region and other factors. Pricing improves with order quantity. Call your S-5! Authorized Distributor.



# VersaGard™ Snow Retention Solution

## For Exposed-Fastened Metal Roofing



**VersaGard** is a high-quality, low-cost snow guard solution for your trapezoidal, exposed-fastened metal roof. Created to accommodate various rib heights, **VersaGard** supports one- or two-pipe preferences and is dramatically stronger than adhesively mounted snow guards.

**VersaGard's** base includes a weather-tight, factory-applied, 60-year butyl polymer sealant to protect your roof from moisture. The system's clean design keeps your roof lines uncluttered, and you can anodize or powder-coat the system to match the color of your roof.

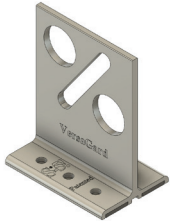
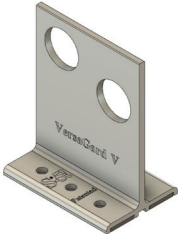


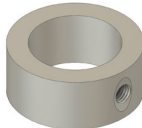
Product	Profile	Features & Benefits
	<p>Exposed-Fastened</p>	<ul style="list-style-type: none"> <li>• Free Lifetime Material/Defect Limited Warranty*</li> <li>• Maintenance-free, 100% aluminum and stainless-steel components</li> <li>• Factory-applied butyl sealant offers a long-life, leak-free “triple-seal”</li> <li>• Affordable cost with documented holding strength on wood decking, or metal or wood purlins</li> <li>• Compatible with most common metal roofing</li> <li>• May be anodized or powder-coated to match roof color – ask your S-5! Authorized Distributor</li> <li>• Passed the ASTM E2140 Static Water Test</li> <li>• Easy-to-use online project calculator provides job-specific engineering and a bill of materials (BOM)</li> <li>• One-inch diameter, one- or two-pipe system</li> <li>• Available from select S-5! Authorized Distributors</li> </ul>

All Components Sold Separately

\*Visit [www.s-5.com](http://www.s-5.com) for warranty details.

# VersaGard™ Components

The components, quantities and costs for your metal roof's snow retention system are project specific. Calculate your particular system with our online Snow Guard Calculator at [www.s-5.com](http://www.s-5.com).



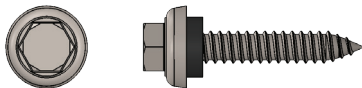
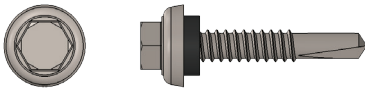
Product	Features & Benefits	Minor Box *MSRP US Dollars
<b>VersaGard™ Bracket</b> 	<ul style="list-style-type: none"> <li>Holes in bracket support 1" pipes</li> </ul>	<b>3.90</b>
<b>VersaGard™ V Bracket</b> 	<ul style="list-style-type: none"> <li>Location of lower hole in bracket is higher to accommodate rib heights up to 2.0"</li> </ul>	<b>3.90</b>
<b>DualPipe™ for VersaGard (Sold in 7' 8" Lengths)</b> 	<ul style="list-style-type: none"> <li>1" diameter, 6,000 series alloy aluminum pipe crossmember with 1/8" wall</li> <li>Installs in 7' 8" lengths</li> <li>Comes with DualGard Splice</li> </ul>	<b>24.79</b>
<b>DualGard™ Splice for VersaGard</b> 	<ul style="list-style-type: none"> <li>Connects adjacent 1" pipes for continuity</li> <li>Provides for thermal linear expansion and contraction of the VersaGard assembly</li> <li>Included with DualPipe</li> </ul>	
<b>DualCollar™ for VersaGard (4 Included With 4 End Caps)</b> 	<ul style="list-style-type: none"> <li>Installed on DualPipe for VersaGard at the ends of an assembly, locking DualPipe in place to prevent lateral shifting</li> <li>Packaged with S-5! End Caps (see p. 13)</li> </ul>	<b>21.20</b> <b>(Incl. End Caps)</b>

\*Pricing above is in USD on date of printing. Prices vary based on region and other factors. Pricing improves with order quantity. Call your S-5! Authorized Distributor.



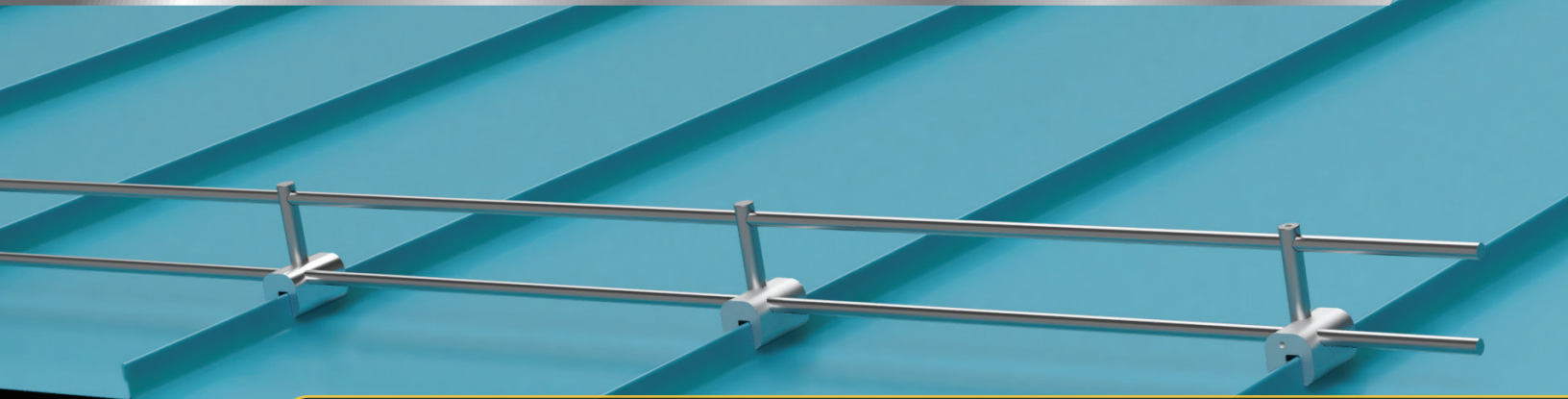
# VersaGard™ Components

The components, quantities and costs for your metal roof's snow retention system are project specific. Calculate your particular system with our online Snow Guard Calculator at [www.s-5.com](http://www.s-5.com).

Product	Features & Benefits	Minor Box *MSRP US Dollars
<b>DualGard™ End Caps for VersaGard</b> <b>(4 Included With 4 DualCollar™)</b> 	<ul style="list-style-type: none"> <li>Keep rain, dirt, vermin and debris out of the DualPipe™</li> <li>Packaged with the DualCollar</li> </ul>	<b>21.20</b>  <b>(Incl. Dual Collar)</b>
<b>DualClip™ II &amp; III for VersaGard</b> 	<ul style="list-style-type: none"> <li>Retards migration of snow/ice beneath crossmembers</li> <li>Optional with user discretion, but recommended on seam heights of 2" and greater</li> <li>Can be assembled to crossmember during or following system installation</li> <li>Available in two sizes to accommodate various seam-height dimensions</li> </ul>	<b>(II)</b> <b>4.34</b>  <b>(III)</b> <b>5.82</b>
<b>Metal-to-Wood Screw</b> 	<ul style="list-style-type: none"> <li>Sold separately</li> <li>1/4"-14 self-drilling screw - 1-1/2" to 2-1/2" length</li> <li>3/8" hex washer head - zinc/aluminum cap with high-grade EPDM integrated washer</li> </ul>	<b>.28</b>
<b>Metal-to-Metal Screw</b> 	<ul style="list-style-type: none"> <li>Sold separately</li> <li>1/4"-14 type 17 – AB Milled Point - 1-1/2" to 2-1/2" length</li> <li>3/8" hex washer head - zinc/aluminum cap with high-grade EPDM integrated washer</li> </ul>	<b>.28</b>

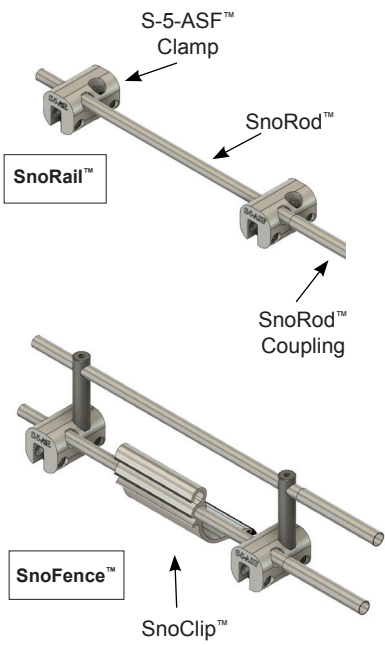
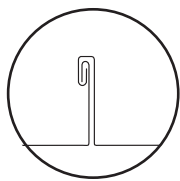
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# SnoRail™ and SnoFence™ Snow Retention Solutions



**SnoRail** and **SnoFence** offer high-tech, architectural appeal for standing seam metal roofing. For light-duty applications, choose **SnoRail's** single-rod system. When medium-duty performance is required, SnoFence provides a stronger, two-rail assembly.

The systems are made of corrosion-resistant aluminum and stainless steel, ideally suited to zinc, aluminum and coated-steel standing seam roofs. Affordable and easy to install, **SnoRail** and **SnoFence** deliver dependable and attractive snow retention solutions.

Product	Profile	Features & Benefits
 <p><b>SnoRail™</b></p> <p>S-5-ASF™ Clamp</p> <p>SnoRod™</p> <p>SnoRod™ Coupling</p> <p><b>SnoFence™</b></p> <p>SnoClip™</p> <p>Aluminum system available for zinc, aluminum and coated-steel standing seam roofing</p>	 <p>Double-Folded Standing Seam</p>	<ul style="list-style-type: none"><li>• Free Lifetime Material/Defect Limited Warranty*</li><li>• Quality construction available in aluminum/stainless</li><li>• Affordable cost with documented holding strength</li><li>• Simple installation</li><li>• Sleek architectural aesthetics</li><li>• Suitable for most vertical and horizontal standing seam profiles</li><li>• Available from select S-5! Authorized Distributors</li></ul> <p>All Components Sold Separately</p>


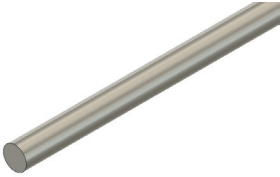
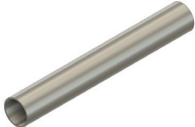

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# SnoRail™/SnoFence™ Components



(See below for aluminum components.)

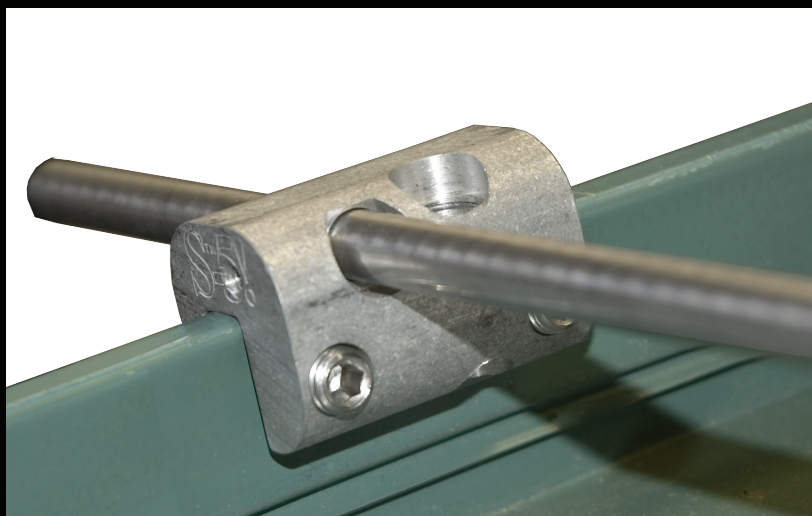
Product	Features & Benefits	Minor Box *MSRP US Dollars
<b>S-5-ASF™ Clamp in Aluminum</b> 	<ul style="list-style-type: none"> <li>Suitable for most vertical and horizontal standing seam profiles with seam dimension of .40" or less</li> <li>Rotate clamp 90° for horizontal seams</li> </ul>	<b>9.05</b>
<b>S-5-AE™ Clamp in Aluminum</b> 	<ul style="list-style-type: none"> <li>Used at a rate of one per 50' of assembly and at ends of assembly in lieu of S-5-ASF clamp to "fix" SnoRod, preventing excessive lateral rod migration</li> </ul>	<b>10.84</b>
<b>SnoRod™ in Stainless Steel (Purchased Separately)</b> 	<ul style="list-style-type: none"> <li>3/8" diameter solid stainless-steel rod inserted through S-5-ASF clamps just above panel seams for SnoRail - contact your S-5! Authorized Distributor for pricing and details</li> <li>Aluminum SnoRod is not recommended</li> </ul>	Contact local distributor for pricing.
<b>SnoRod™ Coupling</b> 	<ul style="list-style-type: none"> <li>Ensures end-to-end SnoRod alignment and continuity while allowing for thermal movement</li> </ul>	<b>1.34</b>
<b>SnoClip™ II &amp; III</b> 	<p>Retards migration of snow/ice beneath SnoRod</p> <ul style="list-style-type: none"> <li>Optional with user discretion</li> <li>Assembled to SnoRod during installation</li> <li>Available in two sizes: <ul style="list-style-type: none"> <li>SnoClip II is designed for seam heights of 1" to 1-1/2"</li> <li>SnoClip III is designed for seam heights of 1-1/2" to 3"</li> </ul> </li> </ul>	<b>(II)</b> <b>2.55</b>  <b>(III)</b> <b>3.20</b>

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# SnoRail™/SnoFence™ Components

(See below for aluminum components.)

Product	Features & Benefits	Minor Box *MSRP US Dollars
<b>SnoPost™ in Stainless Steel for SnoFence</b> 	<ul style="list-style-type: none"> <li>Threads into the S-5-ASF™ clamp and provides for the addition of a second SnoRod™ 2" above the first</li> </ul>	<b>6.46</b>
<b>SnoPost™ E in Stainless Steel for SnoFence</b> 	<ul style="list-style-type: none"> <li>Used with the S-5-AE™ clamp to keep the upper SnoRod of the assembly locked into place</li> <li>Used at a rate of one per 50' of assembly and at ends of assembly to "fix" SnoRod, preventing excessive lateral rod migration</li> </ul>	<b>6.99</b>



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Designed as sleek cylindrical shapes, **SnoRail** and **SnoFence** accentuate the timeless beauty of standing seam copper roofing. **SnoRail** is a slender, single-rod system for light-duty applications. **SnoFence** is a two-rail assembly for medium-duty performance.

To protect the integrity of copper and lead-coated copper roofing, these quality systems are fabricated in brass. **SnoRail** and **SnoFence** provide both strength and long-term durability to complement the premium characteristics of your copper roof.

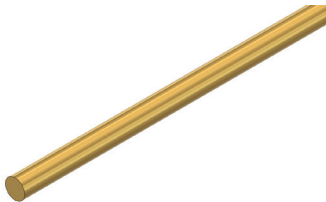
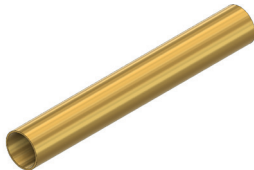
Product	Profile	Features & Benefits
<p><b>SnoRail™ (Brass)</b></p> <p><b>SnoFence (Brass)</b></p> <p>Brass system available for copper and lead-coated copper roofing</p>	<p>Double-Folded Standing Seam (Brass)</p>	<ul style="list-style-type: none"><li>• Free Lifetime Material/Defect Limited Warranty*</li><li>• Quality construction available in brass</li><li>• Affordable cost with documented holding strength</li><li>• Simple installation</li><li>• Sleek architectural aesthetics</li><li>• Suitable for most vertical and horizontal standing seam profiles</li><li>• Available from select S-5! Authorized Distributors</li></ul> <p>All Components Sold Separately</p>

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# SnoRail™/SnoFence™ Components

(Standing seam brass components suitable for copper roofs.)



Product	Features & Benefits	Minor Box *MSRP US Dollars
<b>S-5-BSF™ Clamp in Brass</b> 	<ul style="list-style-type: none"> <li>Fits standing seam and batten seam profiles - 16- and 24-oz. copper sheet thickness</li> <li>Vertical application on traditional double-folded copper standing seams</li> <li>Horizontal application on traditional batten-seam-fold dimension of <math>\geq .50</math>" (requires minor seam folding modification)</li> </ul>	<b>20.65</b>
<b>S-5-BE™ Clamp in Brass</b> 	<ul style="list-style-type: none"> <li>Used at a rate of one per 50' of assembly and at ends of assembly in lieu of S-5-BSF clamp to "fix" SnoRod, preventing excessive lateral rod migration</li> </ul>	<b>23.59</b>
<b>SnoRod™ in Brass (Purchased Separately)</b> 	<ul style="list-style-type: none"> <li>Inserted through S-5-BSF clamps just above panel seams for SnoRail</li> </ul>	Contact local distributor for pricing
<b>SnoRod™ Coupling in Brass</b> 	<ul style="list-style-type: none"> <li>Ensures end-to-end rod alignment and continuity while allowing for thermal movement</li> </ul>	<b>5.81</b>

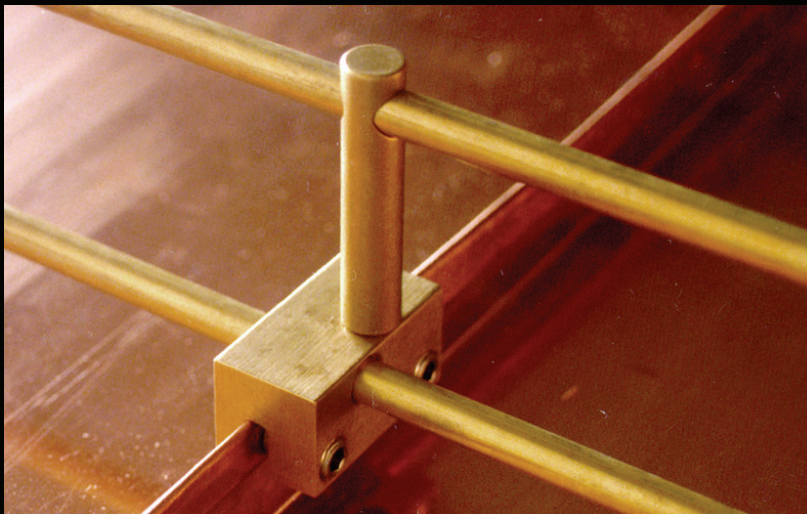
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# SnoRail™/SnoFence™ Components

(Standing seam brass components suitable for copper roofs.)

Product	Features & Benefits	Minor Box *MSRP US Dollars
<b>SnoPost™ B in Brass for SnoFence</b> 	<ul style="list-style-type: none"> <li>Threads into the S-5-BSF™ clamp and provides for the addition of a second SnoRod™ 2" above the first</li> </ul>	<b>9.15</b>
<b>SnoPost™ BE in Brass for SnoFence</b> 	<ul style="list-style-type: none"> <li>Used with the S-5-BE™ clamp to keep the upper SnoRod of the assembly locked into place</li> <li>Used at a rate of one per 50' of assembly and at ends of assembly to "fix" SnoRod, preventing excessive lateral rod migration</li> </ul>	<b>11.53</b>

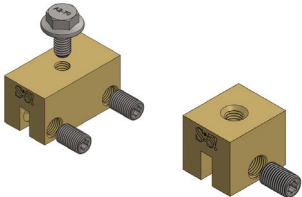
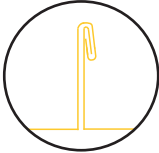
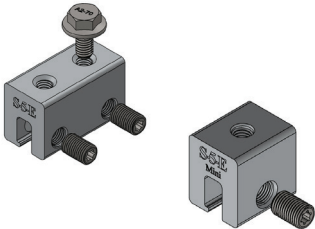
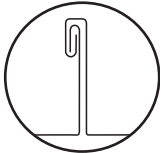
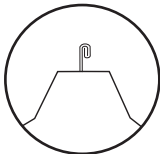
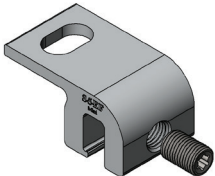
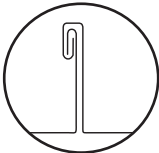
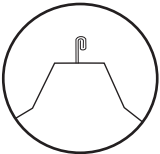


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# S-5! Clamps

Attach snow retention, satellite dishes, solar arrays, signs/banners, light fixtures, piping, service walkways, HVAC, lightning protection, conduit, condensate lines, etc.

# CLAMPS

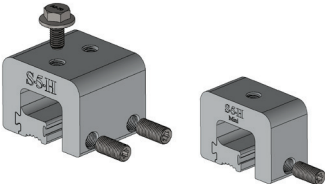
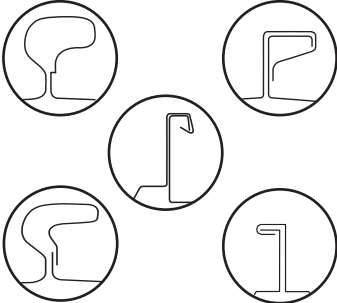
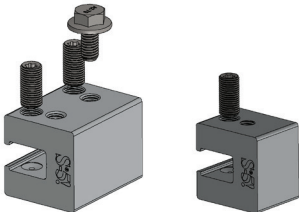
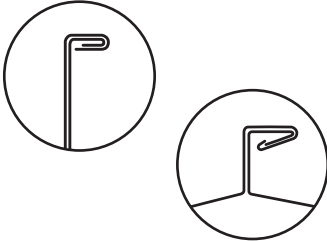
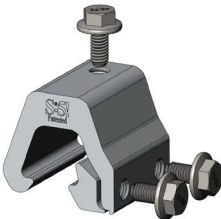


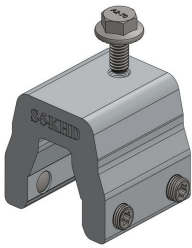
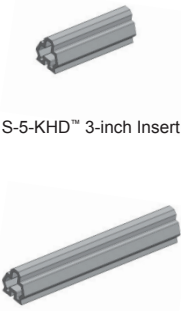

Product / Seam	Features & Benefits	Minor Box *MSRP US Dollars
<b>S-5-B™ &amp; Mini</b>  	<ul style="list-style-type: none"> <li>Brass clamps designed for double-folded, copper standing seam roofing</li> <li>Metallurgical compatibility with copper</li> <li>Preserves aesthetics of the copper roof</li> </ul>	<b>19.23</b> <b>Mini</b> <b>13.89</b>
<b>S-5-E™ &amp; Mini</b>   	<ul style="list-style-type: none"> <li>Designed for double-folded, standing seam roofs popular in Europe and the world over</li> <li>Comparable strength to S-5-U™, but at a lower cost</li> <li>Fits Butler's MR-24® and other double-folded, standing seam roofs</li> </ul>	<b>4.79</b> <b>Mini</b> <b>3.40</b>
<b>S-5-EF™</b>   	<ul style="list-style-type: none"> <li>Unique flange design increases ease and versatility of attachment to bottom-mount rails and other nut and bolt connections</li> <li>Designed for double-folded, standing seam roofs popular in Europe and the world over including Butler MR-24®</li> </ul>	<b>4.30</b>

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# S-5! Clamps

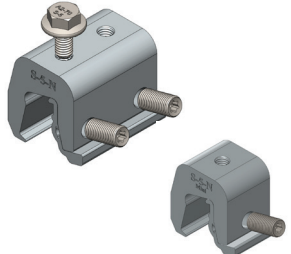

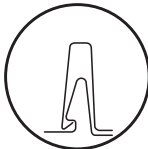
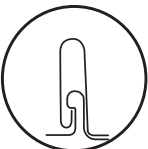
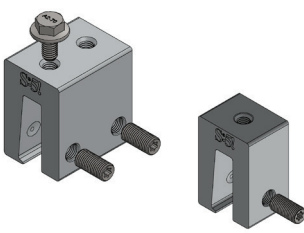


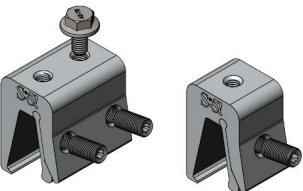
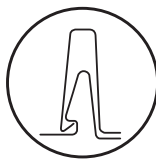
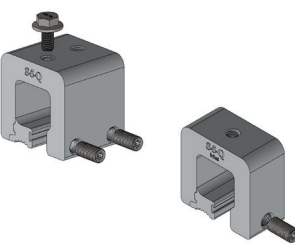

Attach snow retention, satellite dishes, solar arrays, signs/banners, light fixtures, piping, service walkways, HVAC, lightning protection, conduit, condensate lines, etc.

Product / Seam		Features & Benefits	Minor Box *MSRP US Dollars
<b>S-5-H™ &amp; Mini</b>  Mini		<ul style="list-style-type: none"> <li>Designed to accommodate roof panels with horizontal seams not fully closed with side securement</li> <li>Unique two-piece design allows attachment anywhere along the length of the seam</li> <li>Insert allows clamp to fit over wider horizontal seams for fast and easy installation</li> </ul>	<b>10.62</b>  <b>Mini</b>  <b>7.87</b>
<b>S-5-H90™ &amp; Mini</b>  Mini		<ul style="list-style-type: none"> <li>Designed for standing seam panels with horizontal, single-folded seams</li> <li>Secure and cost-effective solution for horizontal seam dimensions <math>\geq 0.65"</math> (16,5 mm)</li> <li>Fits all seams that the S-5-U™ fits horizontally and is more cost-effective</li> </ul>	<b>6.18</b>  <b>Mini</b>  <b>3.96</b>
<b>S-5-K Grip™ Snow</b> 	Inserts for the S-5-K Grip Snow  S-5-GX™ 10  S-5-GX™ 50	 <ul style="list-style-type: none"> <li>Developed to fit Klip-Rib®, KlipLok® and other bulbous snap-together profiles</li> <li>Design utilizes multiple inserts (sold separately) to accommodate various rib dimensions</li> <li>Mounting bolt directly over center of seam</li> </ul>	<b>7.93</b>
<b>S-5-KHD™</b> 	Inserts for the S-5-KHD  S-5-KHD™ 3-inch Insert  S-5-KHD™ 6-inch Insert	 <ul style="list-style-type: none"> <li>Most heavy-duty and durable clamp in the S-5! family</li> <li>Existing construction – S-5-KHD 3" insert available - slides into the rib at the eave</li> <li>New construction – S-5-KHD 6" insert available - installed during roof installation</li> <li>Can be used in conjunction with the S-5-K Grip Snow when more than one row of snow retention is needed on a retrofit project</li> </ul>	<b>13.37</b>

\*Pricing above is in USD on date of printing. Prices vary based on region and other factors. Pricing improves with order quantity. Call your S-5! Authorized Distributor.

# S-5! Clamps

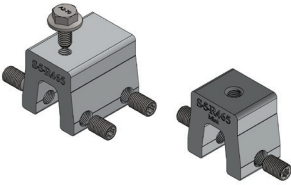

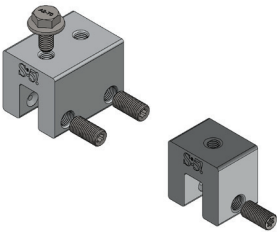
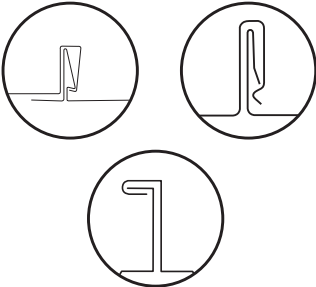
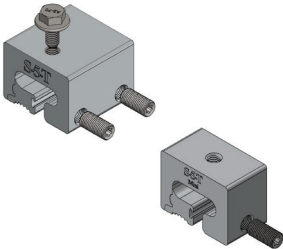
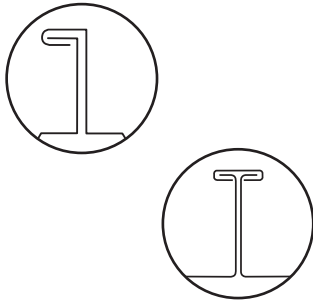
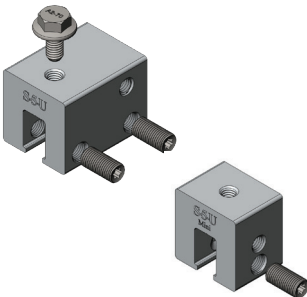
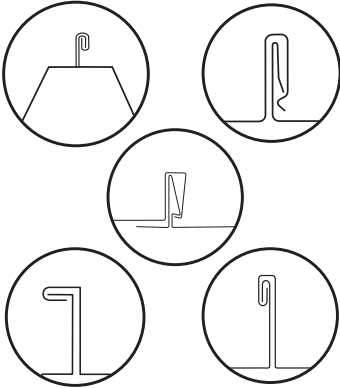
Attach snow retention, satellite dishes, solar arrays, signs/banners, light fixtures, piping, service walkways, HVAC, lightning protection, conduit, condensate lines, etc.

Product / Seam		Features & Benefits	Minor Box *MSRP US Dollars
<b>S-5-N™ &amp; Mini</b>  Mini	  	<ul style="list-style-type: none"> <li>• Special design for “nail-flange” SSR profiles <math>\leq 1"</math> (25 mm) in height</li> <li>• Angled setscrews for easier installation</li> <li>• Fits seam profiles with horizontal base rib dimensions <math>&lt; .82"</math> (20 mm)</li> <li>• Clamp insert facilitates best fit without damage to panel seam</li> <li>• Design ensures straight clamp position on seam</li> </ul>	<b>5.75</b> <b>Mini</b> <b>5.06</b>
<b>S-5-N™ 1.5 &amp; Mini</b>  Mini	 	<ul style="list-style-type: none"> <li>• Designed for use on popular 1.5" (38 mm) nail strip metal roof profiles</li> <li>• Angled wall with nose permits the clamp to engage the triangle-type profiles during the installation process</li> <li>• Wider throat accommodates most nail strip profiles; no need to crimp</li> </ul>	<b>5.75</b> <b>Mini</b> <b>5.06</b>
<b>S-5-NH™ 1.5 &amp; Mini</b>  Mini		<ul style="list-style-type: none"> <li>• Nail strip profiles w/ horizontal base rib dimensions <math>\leq 0.800"</math></li> <li>• Hinge forms to shape of seam, preventing damage at the point of attachment</li> <li>• Reversible hinge for wide &amp; medium-width profiles</li> </ul>	<b>6.70</b> <b>Mini</b> <b>6.01</b>
<b>S-5-Q™ &amp; Mini</b>  Mini		<ul style="list-style-type: none"> <li>• Accommodates metal roof panels with a wide variety of profiles, including large, round “bulb” seam configurations up to 1.14" (29 mm) in diameter</li> <li>• Also fits smaller bulb-shaped profiles when seamed incorrectly, allowing seam to be utilized without correction</li> </ul>	<b>12.05</b> <b>Mini</b> <b>7.21</b>

\*Pricing above is in USD on date of printing. Prices vary based on region and other factors. Pricing improves with order quantity. Call your S-5! Authorized Distributor.

# S-5! Clamps

Attach snow retention, satellite dishes, solar arrays, signs/banners, light fixtures, piping, service walkways, HVAC, lightning protection, conduit, condensate lines, etc.

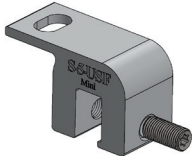
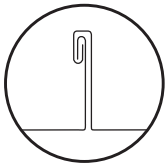
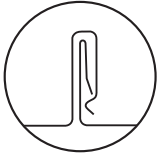
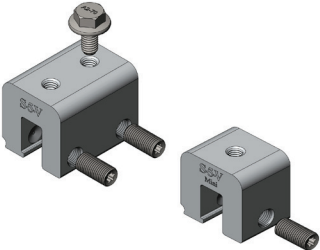
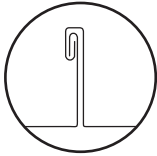

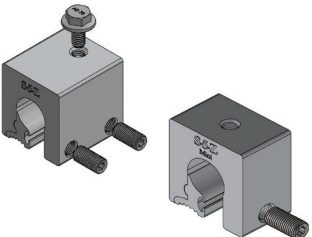

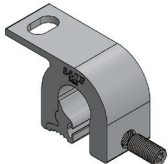

Product / Seam	Features & Benefits	Minor Box *MSRP US Dollars
<b>S-5-R465™ &amp; Mini</b>  Mini	 <ul style="list-style-type: none"> <li>Designed specifically to fit the Zambelli RIB-ROOF 465, McElroy Metal Mirage II, Rib Roof Metal Systems Rib Roof and similar roof profiles</li> <li>Unique design with opposing setscrews that engage the ribs beneath the top bulb, maximizing published holding strength</li> </ul>	<b>9.38</b> <b>Mini</b> <b>7.05</b>
<b>S-5-S™ &amp; Mini</b>  Mini	 <ul style="list-style-type: none"> <li>Versatile clamp created for popular snap-together profiles, including the Firestone UC4, Peterson SnapClad™, MBCI LokSeam™ and all similar seam types</li> <li>Also used on single-folded (horizontal seams) under <math>\leq 0.54"</math> (13 mm) to avoid necessity of field crimping the seam</li> </ul>	<b>5.93</b> <b>Mini</b> <b>3.75</b>
<b>S-5-T™ &amp; Mini</b>  Mini	 <ul style="list-style-type: none"> <li>Developed for profiles having T-shaped seam configurations with horizontal dimensions <math>\leq 1.3"</math> (33 mm)</li> <li>Two-piece design allows clamp to be placed over the top of the T-seam at any desired location</li> <li>Fits architectural single-fold (or "angle-seam") and horizontal seam with horizontal dimension <math>\leq 5/8"</math> (15 mm)</li> </ul>	<b>7.70</b> <b>Mini</b> <b>6.52</b>
<b>S-5-U™ &amp; Mini</b>  Mini	 <ul style="list-style-type: none"> <li>Our most versatile clamp</li> <li>Fits 85% of standing seam profiles manufactured in North and South America, including structural and architectural profiles</li> <li>Use on vertically-oriented seams</li> <li>Rotate clamp 90° and use on most horizontal seam profiles w/ horizontal dimensions <math>\geq 0.65"</math> (16,5 mm)</li> </ul>	<b>6.68</b> <b>Mini</b> <b>4.37</b>

\*Pricing above is in USD on date of printing. Prices vary based on region and other factors. Pricing improves with order quantity. Call your S-5! Authorized Distributor.



# S-5! Clamps

Attach snow retention, satellite dishes, solar arrays, signs/banners, light fixtures, piping, service walkways, HVAC, lightning protection, conduit, condensate lines, etc.

Product / Seam		Features & Benefits	Minor Box *MSRP US Dollars
<b>S-5-USF™</b>  	 	<ul style="list-style-type: none"> <li>Unique flange design increases ease and versatility of attachment to bottom-mount PV rails and other nut and bolt connections</li> <li>Fits 85% of U.S. (vertical) standing seam profiles, including most snap-together and machine-folded seams</li> <li>Designed for snap-together &amp; vertical-folded seams</li> </ul>	<b>6.63</b>
<b>S-5-V™ &amp; Mini</b>   Mini	 	<ul style="list-style-type: none"> <li>Fits the same vertically-oriented seams as the S-5-U™</li> <li>Less versatile but more cost-effective than the S-5-U</li> <li>Specifically designed for vertical machine-folded seams</li> </ul>	<b>5.93</b> <b>Mini</b> <b>3.75</b>
<b>S-5-Z™ &amp; Mini</b>   Mini		<ul style="list-style-type: none"> <li>Specially designed to fit Zip-Rib®, BEMO, Kalzip® and similar profiles with round “bulb” seam configurations and seam diameters of <math>\leq \frac{3}{4}</math>” (19 mm)</li> <li>Two-piece clamp design allows for ease of installation anywhere along length of the rib</li> </ul>	<b>7.96</b> <b>Mini</b> <b>6.76</b>
<b>S-5-ZF™</b>  		<ul style="list-style-type: none"> <li>Flange clamp specifically designed to fit bulb-shaped profiles</li> <li>Unique flange design increases ease and versatility of attachment to bottom-mount PV rails and other nut and bolt connections</li> </ul>	<b>5.75</b>


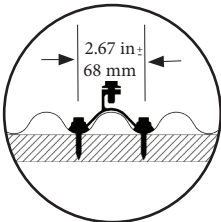
\*Pricing above is in USD on date of printing. Prices vary based on region and other factors. Pricing improves with order quantity. Call your S-5! Authorized Distributor.

# S-5! Brackets

Attach a variety of rooftop accessories.

# BRACKETS


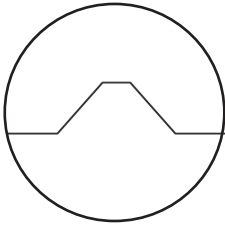

ADNOC-Abu Dhabi National Oil Company / UAE

Product / Seam		Features & Benefits	Minor Box *MSRP US Dollars
<b>CorruBracket™</b> (Imperial Dimensioning; Bottom-Fixed; Low Profile)		 <ul style="list-style-type: none"><li>• Compatible with 7/8" and 3/4" x 2.67" rib pitch U.S. corrugated profiles</li><li>• Comes with factory-applied, non-curing, butyl sealant – the same sealant used in roof construction for over 40 years</li><li>• Reservoir conceals sealant from UV exposure, preventing UV degradation and over-compression of sealant when fasteners are secured</li><li>• Fastens into deck or structure using fasteners designed to outlast roof (sold separately)</li></ul>	<b>7.07</b>

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# S-5! Brackets

Attach a variety of rooftop accessories.

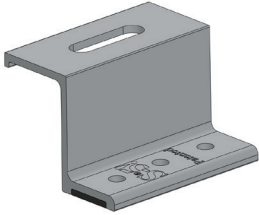
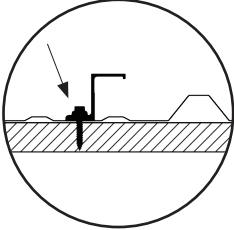
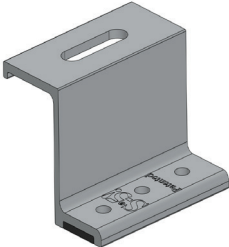
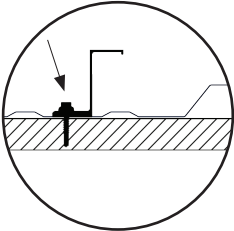
Product / Seam	Features & Benefits	Minor Box *MSRP US Dollars
<b>SnoBracket™ RB</b> 	<p>RB is compatible with 1" (25,4 mm) horizontal top dimension trapezoidal profiles such as:</p> <ul style="list-style-type: none"> <li>• Metl-Span LS-36™</li> <li>• and similar profiles</li> </ul> 	
<b>SnoBracket™ TB</b> 	<p>TB is compatible with 1.22" (31 mm) horizontal top dimension trapezoidal profiles such as:</p> <ul style="list-style-type: none"> <li>• KingSpan® KS1000RW</li> <li>• Vicwest HR3/HR5</li> <li>• AWIP HR3/HR5</li> <li>• and similar profiles</li> </ul>	<p><b>9.38</b></p>

\*Pricing above is in USD on date of printing. Prices vary based on region and other factors. Pricing improves with order quantity. Call your S-5! Authorized Distributor.



# S-5! Brackets

Attach a variety of rooftop accessories.

Product / Seam		Features & Benefits	Minor Box *MSRP US Dollars
<b>VersaBracket™ 47</b>  	<p>Sits in the valley; attaches into the decking or structure</p> 	<ul style="list-style-type: none"> <li>• Compatible with almost any trapezoidal, bottom-fixed, exposed-fastened profile</li> <li>• Height: 1.86" (47 mm)</li> <li>• Mounting face comes with 1" (25 mm) slot on top for adjustability</li> <li>• Factory-applied, non-curing, butyl sealant</li> <li>• Patented reservoir conceals sealant from UV exposure, preventing UV degradation and over-compression of sealant</li> <li>• Fastens into the deck or structure using fasteners specifically designed to outlive the roof (fasteners sold separately)</li> </ul>	<b>2.67</b>
<b>VersaBracket™ 67</b>  	<p>Sits in the valley; attaches into the decking or structure</p> 	<ul style="list-style-type: none"> <li>• All the same features as the VersaBracket 47 with noted exceptions:</li> <li>• Increased height: 2.65" (67 mm) to clear higher ribs</li> </ul>	<b>3.65</b>

\*Pricing above is in USD on date of printing. Prices vary based on region and other factors. Pricing improves with order quantity. Call your S-5! Authorized Distributor.

## The Wrong Way

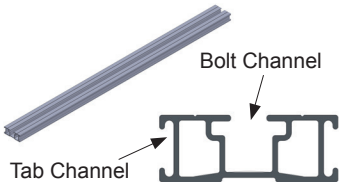
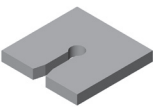

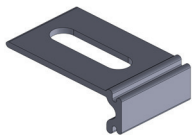
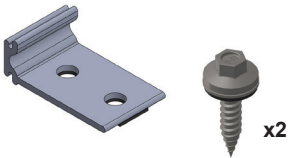


## The Right Way™



## Standing Seam or Exposed-Fastened Roof Components

Universal strut to attach roof-mounted equipment

Components (To customize your solution, all components are sold separately.)		Features & Benefits	Minor Box *MSRP US Dollars
	<b>GripperStrut™</b> 300, 600, 1200 mm lengths 27" and 52" lengths	<ul style="list-style-type: none"> <li>No field-applied sealants needed</li> <li>Factory-applied "double-seal" gasket</li> <li>100% aluminum and stainless</li> <li>Eliminates corrosion and rust</li> <li>Ease of installation</li> <li>No damage to roof system</li> <li>Free flow of rainwater under rails</li> <li>Load distribution over multiple bearing points</li> <li>Custom lengths available on quantity orders. Call for specifics.</li> </ul>	<b>10.88</b> <b>20.96</b>
	<b>Damper/Leveling Pad</b> 1/4" (6 mm)		<b>0.94</b>
	<b>M8 Bolt</b> (listed price is average of all bolt sizes: 1.25 x 17, 20, 40 mm - bolts sold separately) <b>&amp; M8 Hex Flange Nut</b>		Bolt: <b>0.39</b> Nut: <b>0.31</b>
<b>Standing Seam CF Tab</b> Concealed Fix 	<b>Exposed-Fastened EF Tab</b> (Includes Self-Piercing Screws) 		<b>CF Tab</b> <b>0.97</b>
			<b>EF Tab</b> <b>1.84</b>

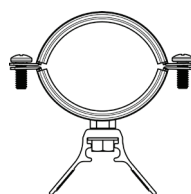
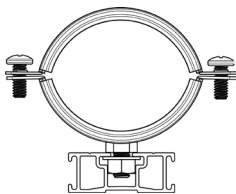
\*Pricing above is in USD on date of printing. Prices vary based on region and other factors. Pricing improves with order quantity. Call your S-5! Authorized Distributor.

# CanDuit™ Clamps



**CanDuit** securement clamps eliminate corrosive wood and rubber blocking. Contain piping and conduit in an easy, organized manner with no scratching, corrosion or other damage to your roof. **CanDuit** is compatible with S-5!’s non-penetrating clamps for standing seam roofs, S-5!’s waterproofed brackets for exposed-fastened roofs, and the *GRipperFix*® utility system.

Nominal Trade Size		Adjustability Range*	Minor Box *MSRP US Dollars	Nominal Trade Size		Adjustability Range*	Minor Box *MSRP US Dollars
#1	1/2" (13 mm)	.79 - .94 (20 mm-24 mm)	<b>2.32</b>	#8	67-77	2.64 - 3.00 (67 mm-76 mm)	<b>4.20</b>
#2	3/4" (19 mm)	.98 - 1.18 (25 mm-30 mm)	<b>2.32</b>	#9	2 1/2" (64 mm)	2.9 - 3.15 (74 mm-80 mm)	<b>4.20</b>
#3	1" (25 mm)	1.26 - 1.46 (32 mm-37 mm)	<b>2.32</b>	#10	83-93	3.27 - 3.67 (83 mm-93 mm)	<b>4.20</b>
#4	1 1/4" (32 mm)	1.54 - 1.81 (40 mm-46 mm)	<b>2.80</b>	#11	3" (76 mm)	3.4 - 3.7 (86 mm-94 mm)	<b>4.20</b>
#5	1 1/2" (38 mm)	1.89 - 2.10 (48 mm-53 mm)	<b>2.80</b>	#12	94-104	3.7 - 4.10 (94 mm-104 mm)	<b>4.20</b>
#6	53-59	2.10 - 2.32 (54 mm-59 mm)	<b>2.80</b>	#13	102-111	4.00 - 4.37 (102 mm-111 mm)	<b>4.63</b>
#7	2" (50 mm)	2.3 - 2.6 (58 mm-66 mm)	<b>2.80</b>	#14	4" (102 mm)	4.25 - 4.6 (108 mm-117 mm)	<b>4.63</b>



\*Pricing above is in USD on date of printing. Prices vary based on region and other factors. Pricing improves with order quantity. Call your S-5! Authorized Distributor.



# Certifications & Standards\*

Testing. Production. Engineering.

S-5!'s numerous regional, national and international approvals and certifications offer you confirmation of our quality assurance based on validated testing, production and engineering. Leverage this competitive market advantage to give your customers reliable products and systems and - ultimately - peace of mind.

ASTM E2140 static water pressure test submerges the assembly in a chamber under 6" (150 mm) of water for 6 hours.

**One drop of water passing through the assembly constitutes failure.**

**All S-5!'s exposed-fastened brackets' sealing technologies passed the test.**



## ISO (International Organization for Standardization) 9001:2015

Our manufacturing facility and its process are certified to ISO 9001:2015 quality assurance standards. We track every aspect of our supply chain so you can be assured the product tested is the same as manufactured each and every time - with zero defects and full traceability.



## ISO 17025 Accredited Testing Labs

We use only ISO 17025 accredited testing labs – the highest-regarded in the industry – and follow strict ASTM standards. Accepted by the International Code Council, S-5! has conducted 5,000+ individual load tests on every conceivable metal roof profile. These tests cover numerous gauges and materials to ensure application engineering and maintain the roof's structural, metallurgical and weatherproofing integrity.



## ICC-ES (International Code Council – Evaluation Service)

The evaluation examined 18 S-5! clamps on a wide variety of roof profiles from a range of manufacturers to determine allowable design loads. The certification verifies the tested clamps comply with the 2018, 2015, 2012 and 2009 International Building Code. This method of testing and reporting also meets the stringent requirements of Los Angeles County, Miami-Dade County and other local jurisdictions.



## IAPMO (International Association of Plumbing and Mechanical Officials) EC 029-2018

S-5! worked with IAPMO to create a standard for snow retention systems attached to standing seam roofs. This "performance standard" established testing requirements and procedures to determine allowable loads on roof-mounted rail and fence-style (continuous) snow retention on metal roofs. The criteria provide for recognition under the 2018, 2015, 2012, 2009 and 2006 International Building Codes.



\*The above represents a sample of our certifications. Please visit [www.S-5.com](http://www.S-5.com) to see the full listings.







# Countless Applications

With zero rooftop penetration or warranty violation & proven watertight effectiveness

Attach solar arrays and wind-performance systems, satellite dishes, signs/banners, light fixtures, gas piping, stack/flue bracing, service walkways, HVAC, lightning protection, equipment screens, conduit, condensate lines and more — **all without violating the integrity of the roof or the roof manufacturer's warranty!**



**Solar Arrays**



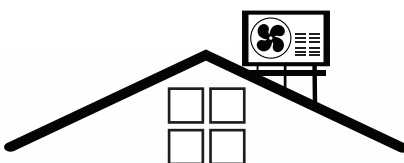
**Satellite Dishes**



**Rooftop Signage**



**Pipes and Conduit**



**HVAC and  
Rooftop Equipment**



**Wind Protection and  
Performance Systems**



Visit Us Online!

## Learn More About S-5!® Products!

To learn more about our products and to view installation instructions, visit [www.S-5.com](http://www.S-5.com). You'll also find helpful videos, customer testimonials, distributor information and more.



## Connect With Us!

Stay up-to-date with our newest product launches, blog content, latest project photos, trade show schedule and more!

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- S-5-metal-roof-innovations
- S5\_Attachments
- S-5! Metal Roof Innovations
- S5MetalRoofing
- S-5! Metal Roof Attachments
- S5Attachments

Where to Buy

## Where to Buy S-5!® Products!

Where can you buy S-5!? We sell our metal roof attachment solutions through a trusted network of independent distributors strategically located both domestically and internationally to serve your many project needs. Our dedicated distributors might specialize in one of our solutions or offer a wide assortment of our products. Visit us at [www.s-5.com](http://www.s-5.com) to find your nearest distributor.

Are you interested in becoming a distributor? Learn more by emailing [distributorships@s-5.com](mailto:distributorships@s-5.com).

"S-5! is the greatest thing to happen to metal roofing since Galvalume."

**Angelo Borzillo** - Co-Inventor of Galvalume® Coating Technology

## S-5!® Warning!

Please use this product responsibly!

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Version 032123

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