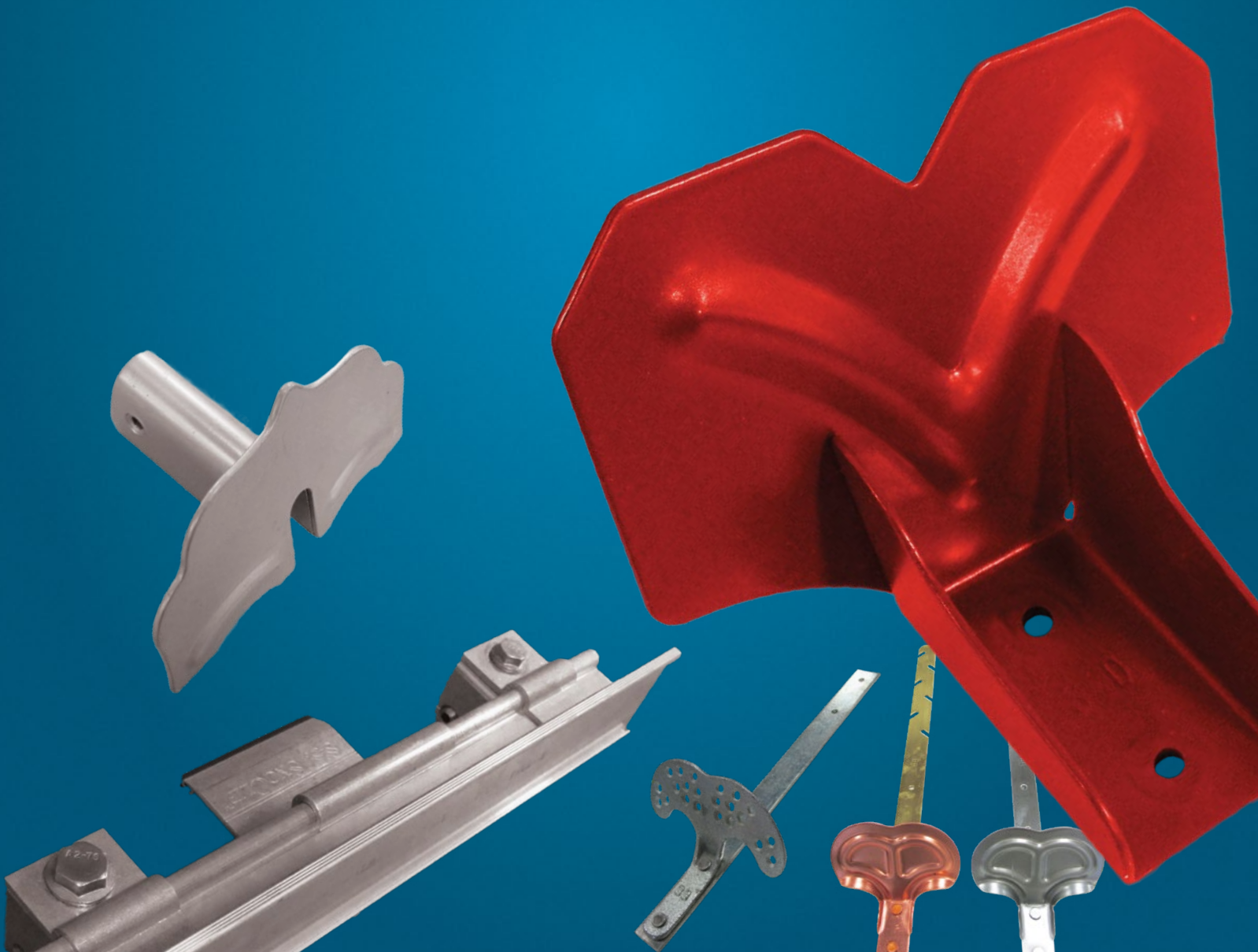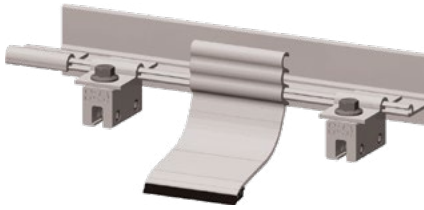# *Snow Retention Systems*

S-5!® ColorGard®

- Mechanically attached with S-5!® clamps for a snow retention system that is warrantied for the life of your roof (see www.s-5.com for warranty info.)
- The S-5!® clamp base can be fastened with the patented round-point setscrews for non-penetrating attachment to standing seam roofs, or can be screwed into an exposed fastener roof
- Not compatible with the S-5! Mini Clamps
- Easily retrofitted to existing roofs or incorporated into new construction
- Easy to install with common tools of the trade
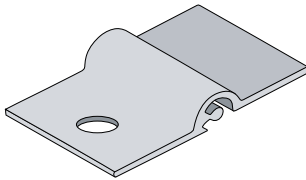- Online calculator at www.S-5.com/calculator

S-5!® ColorGard® Rail

- Includes 1 splice collar
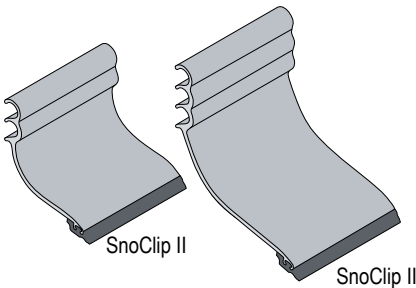- Online calculator at www.S-5.com/calculator
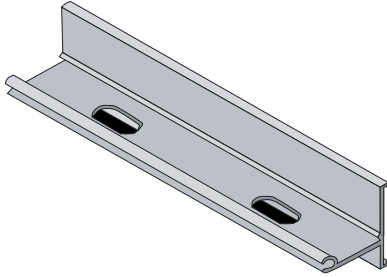
Part#	Description	Length
SNGS5RAIL	S-5 ColorGard Aluminum Rail - Unpunched	8'
SNGS5RAIL-PUNCHED	S-5 ColorGard Aluminum Rail - Punched Every 4" On Center	8'

# S-5!® VersaClip™

- Online calculator at www.S-5.com/calculator

Part#	Description
SNGS5CLIP	S-5 ColorGard VersaClip
SNGS5CLIP-WIDE	S-5 ColorGard VersaClip 12" WIde

S-5!® SnoClip

- The SnoClip II can be used on panels with ribs up to 1-¾" high
- The SnoClip III can be used on panels with ribs up to 3" high
- Must be attached by sliding from end of rails before installation. Cannot be retrofitted.
- Online calculator at www.S-5.com/calculator

Part#	Description
SNGS5SCII	S-5 ColorGard SnoClip II
SNGS5SHOE	S-5 ColorGard SnoClip III

SnoClip II
SnoClip II
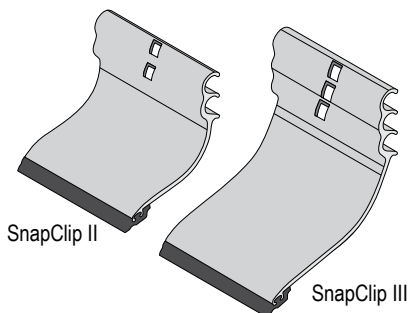
S-5!® SnapClip

- The SnapClip II can be used on panels with ribs up to 1-¾" high
- The SnapClip III can be used on panels with ribs up to 3" high
- Can be retrofitted to existing ColorGard assemblies.
- Online calculator at www.S-5.com/calculator

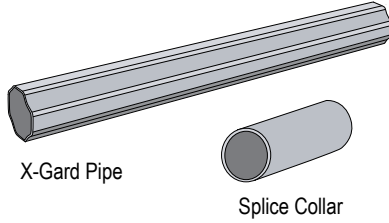| Part#	Description
SNGS5SCII-RETRO	S-5 ColorGard SnapClip II
SNGS5SHOE-RETRO	S-5 ColorGard SnapClip III

SnapClip II
SnapClip III
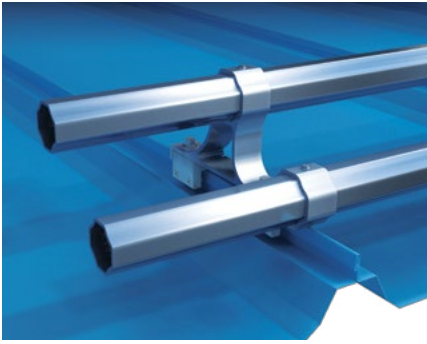
S-5!® X-Gard®

- The strongest snow retention system on the market
- A one or two pipe system that spans up to 48"
- The S-5!® clamp base mechanically attaches to standing seam with patented round-point setscrews that do not void the panel finish warranty, or can be screwed into an exposed fastener roof
- Not compatible with the S-5! Mini Clamps
- Can be installed any time of the year
- All related hardware is non-ferrous stainless steel for lasting performance

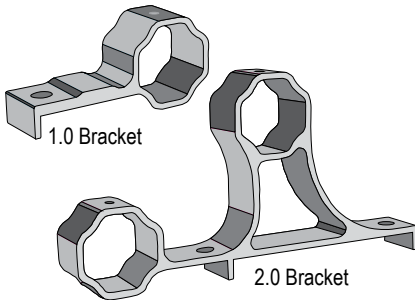
S-5!® X-Gard® Pipe

- Each pipe comes with 1 splice collar

X-Gard Pipe

Splice Collar

Part#	Description	Size	Length
SNGS5XGNEX	S-5 X-Gard NeX Pipe	2"	8'
SNGS5XGSTDPIPE	S-5 Smooth X-Gard Pipe	1.5"	20'
SNGS5XGSPLICESTDPIPE	S-5 1-1/2 Pipe Splice Collar	1.5"	
SNGS5XGENDCAP	S-5 X-Gard End Caps		

1.0 Bracket

2.0 Bracket

S-5!® X-Gard® Brackets

- Choose the X-Gard 2.0 for a double pipe system and 1.0 for a single pipe system

Part#	Description	Size
SNGS5XG1	S-5 X-Gard 1.0 Bracket for Single Pipe System	5.3" x 2.4" x 1.5"
SNGS5XG2	S-5 X-Gard 2.0 Bracket for Double Pipe System	11" x 5.75" x 1.5"

X-Clip II

X-Clip III

S-5!® X-Gard X-Clips

- Includes Screws
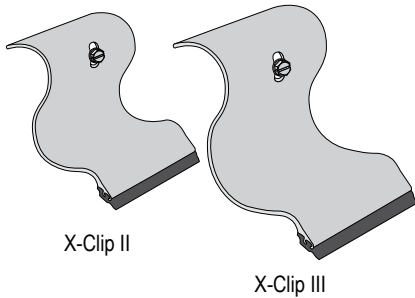
Part#	Description
SNGS5XGSGII	S-5 X-Gard X-Clip II
SNGS5XGSGIII	S-5 X-Gard X-Clip III

S-5!® DualGard™

- Mechanically attached with S-5!® clamps for a snow retention system that is warrantied for the life of your roof (see www.s-5.com for warranty info.)
- The S-5!® clamp base can be fastened with the patented round-point setscrews for non-penetrating attachment to standing seam roofs, or can be screwed into an exposed fastener roof
- Designed for use with the S-5! Mini Clamps
- Easily retrofitted to existing roofs or incorporated into new construction
- Easy to install with common tools of the trade

S-5!® DualPipe

- Includes one 4" splice collar

Part#	Description	Size	Length
SNGS5D-PIPE	S-5 DualPipe	1"	8'

S-5!® DualGard Bracket

Part#	Description
SNGS5D-GARD	S-5 DualGard
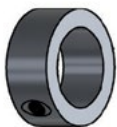
S-5!® DualPipe End Cap and Collar

Part#	Description
SNGS5D-CAP	S-5 DualPipe End Cap and Collar

S-5!® Dual Clip

Part#	Description
SNGS5D-CLIPII	S-5 DualClip II
SNGS5D-CLIPIII	S-5 DualClip III

S-5!® SnoRail™ and SnoFence™

- The clean lines, cylindrical shapes and high-tech look of the SnoRail and SnoFence systems present an attractive solution to snow retention problems.
- Up to six times the strength of adhesively-mounted devices
- Mechanically attached with patented S-5-ASF and S-5-BSF brass or aluminum clamps
- Can be installed any time of the year
- All related hardware is non-ferrous stainless steel for lasting performance
- Available in Brass for copper batten or standing seam roofs and in aluminum/stainless steel for other standing seam roofing materials
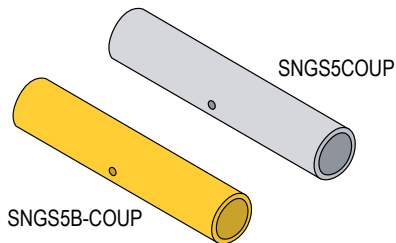
S-5!® SnoRod

Use the stainless steel SnoRod inserted through the S-5-ASF clamps, placing it just above the panel seams for the S-5! SnoRail System. Add a second SnoRod through SnoPosts for a S-5! SnoFence system.
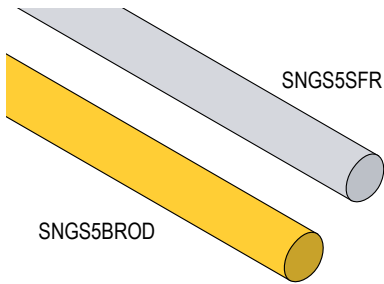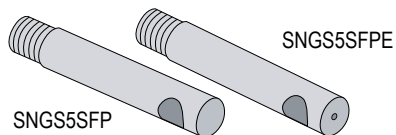
Part#	Description	Size	Length
SNGS5SFR	S-5 SnoFence Stainless Steel Rod	3/8"	12'
SNGS5BROD	S-5 SnoFence Brass Rod	3/8"	12'

S-5!® SnoRod Coupling

Part#	Description	Size	Length
SNGS5COUP	S-5 Aluminum Coupling for SnoRail/SnoFence	3/8"	2.8"
SNGS5B-COUP	S-5 Brass Coupling for SnoRail/SnoFence	3/8"	2.8"

S-5!® SnoPost

- Used when adding a second SnoRod for an S-5! SnoFence System
- End Post includes hole for setscrew to prevent the SnoRod from sliding
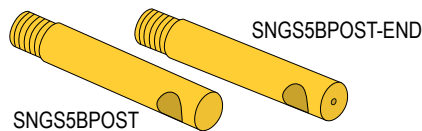
Part#	Description	Length
SNGS5SFP	S-5 SnoFence Stainless Steel Post	2.8"
SNGS5SFPE	S-5 SnoFence Stainless Steel End Post	2.8"
SNGS5BPOST	S-5 SnoFence Brass Post	2.8"
SNGS5BPOST-END	S-5 SnoFence Brass End Post	2.8"
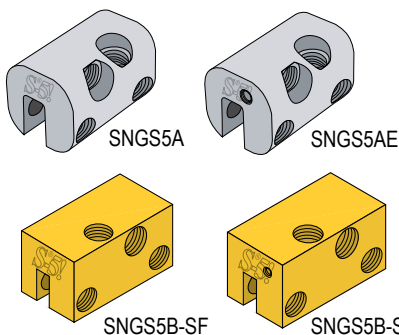
S-5-ASF Clamp/S-5-AE Clamp

- End Clamp includes hole for setscrew to prevent the lateral movement

Part#	Description	Size
SNGS5A	S-5 Aluminum Clamp for SnoRail/SnoFence	1.22" x 1.22" x 1.85"
SNGS5AE	S-5 Aluminum End Clamp for SnoRail/SnoFence	1.22" x 1.22" x 1.85"
SNGS5B-SF	S-5 Brass Clamp for SnoRail/SnoFence	1.22" x 1.22" x 1.85"
SNGS5B-SFE	S-5 Brass End Clamp for SnoRail/SnoFence	1.22" x 1.22" x 1.85"

AlumiCast Rib-Mounted Snow Guard

- Cast aluminum snow guard with arched base
- The perfect snow guard for continuous corrugated panels and other rib mounted snow retention solutions

Part#	Description	Size
SNGA	AlumiCast Rib Mounted Snow Guard	5" x 2.5" x 3"

Snow Defender™ 4500 Snow Guard

- Designed for exposed fastener panels like the ABM Panel
- Must be screwed into 2x4 purlins in the flat position
- Made with 16 Gauge type 304 stainless steel that will never rust
- EPDM rubber sealer saves time because no caulk is needed
- Powder coated for a long-lasting colored finish
- Online calculator at www.snowdefendercalculator.com

Part#	Description	Size
SNGSSRcc	Snow Defender 4500 - Stainless Steel with Rubber Seal	4" x 3" x 3"

Snow Defender™ 6500 Snow Guard

- Designed for standing seam panels like the ABSeam Panel
- Fits ribs up to ⅜" wide and 1" to 1-¾" high
- Made with 16 Gauge type 304 stainless steel that will never rust
- It pinches, but does not penetrate the metal panel
- Powder coated for a long-lasting colored finish
- Online calculator at www.snowdefendercalculator.com

Part#	Description	Size
SNGSDcc	Snow Defender 6500 - Stainless Steel with Setscrews	5.5" x 3" x 3.5"

Snow Defender™ 7500 DECO Snow Guard - Special Order

Introducing the SnowDefender 7500 DECO. Based on the design of the popular SnowDefender 6500, this color matched, 304 Stainless Steel model has the more traditional, historic look of a cast snow guard. The decorative cutouts are embossed for increased strength and the proven attachment method using set screws mean the SnowDefender 7500 Deco will last the life of your roof.

Part#	Description	Size
SNGSDSODECO	Special Order Snow Defender 7500 DECO with Setscrews	5.5" x 3.25" x 3.5"

Snow Defender™ Plastic Snow Guards

- Polycarbonate Lexan 103-112 (³⁄₁₆" thick)
- UV stable and very strong
- Mount with screws or adhesive
- Attach with Surebond High Strength Adhesive
- Online calculator at www.snowdefendercalculator.com

Part#	Description	Size
SNGBUSTER	Snow Defender Buster - Clear Polycarbonate Snow Guard	5" x 3" x 3"
SNGPC240	Snow Defender PC240 - Clear Polycarbonate Snow Guard	3" x 2.5" x 4.125"

Berger #1 Snow Guard

• Designed for standing seam panels

Part#	Description
SNGGS	Berger #1 Snow Guard - Malleable Iron

Berger #2 Snow Guard

• Made from Malleable Iron
• Comes with long shank for slate roofs

Part#	Description
SNGG	Berger #2 Snow Guard Assembly w/ Long Shank for Slate Roofs

Berger AP-400 Snow Guard

• Designed for standing seam panels with ribs up to ⅜" wide and 2" high
• Non-penetrating setscrews that do not restrict thermal movement

Part#	Description
SNGAP400	Berger AP-400 Snow Guard - Mill Finish Cast Aluminum

Berger RT-300 Snow Guard

• Designed for standing seam panels with ribs up to 1" high
• Non-penetrating setscrews that do not restrict thermal movement

Part#	Description
SNGRT300M	Berger RT300 Snow Guard - Mill Finish Cast Aluminum

Berger #100 Snow Guard

• Comes with long shank for slate and shingled roofs or without the shank for metal roofs
• Can be installed without removing shingles

Part#	Description
SNGSLC	Berger #100 Snow Guard Assembled w/ Long Shank - Copper
SNGSL	Berger #100 Snow Guard Assembled w/ Long Shank - Stainless Steel
SNGC	Berger #100 Snow Guard Shoe for Metal Roof - Copper
SNGSTS	Berger #100 Snow Guard Shoe for Metal Roof - Stainless Steel

SNGSLC   SNGSL   SNGC   SNGSTS

Berger RT Clear Surface Mount Snow Guard

• Attach with Surebond High Strength Adhesive

Part#	Description
SNGPBP	Berger RT Clear Surface Mount Snow Guard

Berger RT Clear Surface Mount Structural Rib Snow Guard

• Attach with Surebond High Strength Adhesive

Part#	Description
SNGPRT	Berger RT Clear Surface Mount Structural Rib Snow Guard

Berger RT Mini Clear Snow Guard

• Attach with Surebond High Strength Adhesive
• Can insert a metal chip or custom emblem thanks to the blade slot

Part#	Description
SNGRTMINI	Berger RT Mini Clear Snow Guard w/ UV Stabilizers

Superbond High Strength Adhesive for Plastic Snow Guards

• 2000 psi sheer tensile strength after 25 days of 50° F or warmer temperature cure time

Part#	Description
SNGGE	Berger RT Mini Clear Snow Guard w/ UV Stabilizers