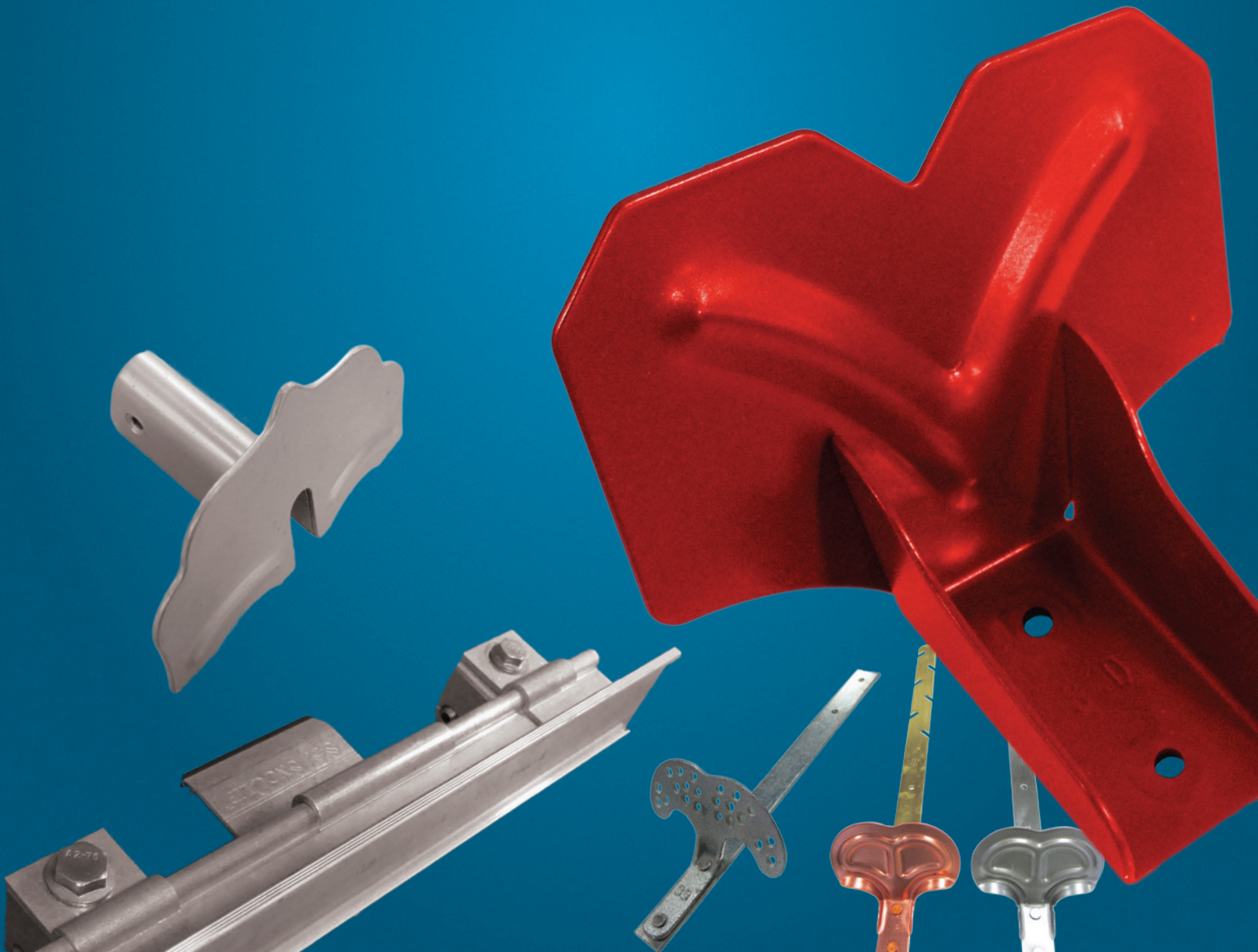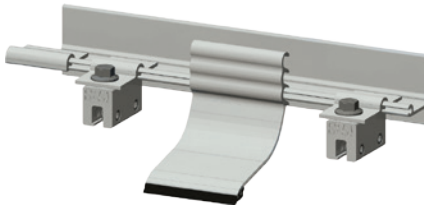# Snow Retention Systems

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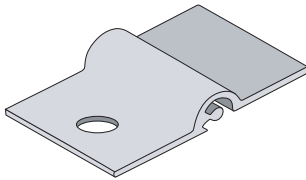- Online calculator at www.S-5.com/calculator

S-5!® ColorGard® Rail

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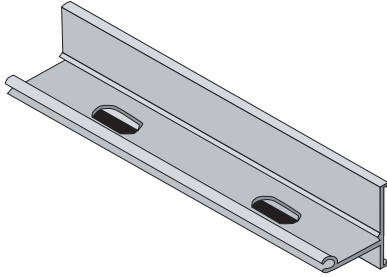
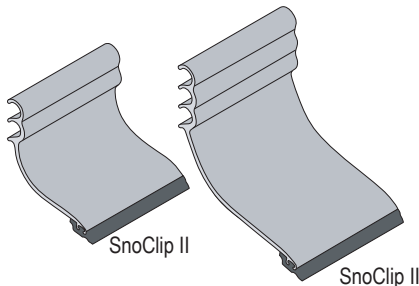| Part#	Description	Length
SNGS5RAIL	S-5 ColorGard Aluminum Rail - Unpunched	8'
SNGS5RAIL-PUNCHED	S-5 ColorGard Aluminum Rail - Punched Every 4" On Center	8'

S-5!® VersaClip™

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

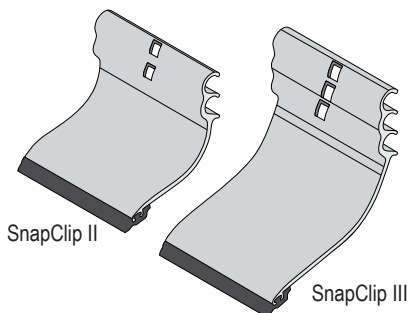| Part#	Description
SNGS5CLIP	S-5 ColorGard VersaClip
SNGS5CLIP-WIDE	S-5 ColorGard VersaClip 12" WIde

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

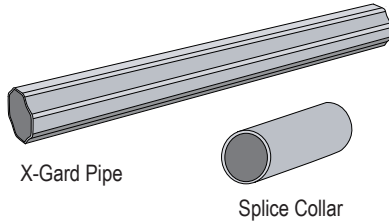| Part#	Description
SNGS5SCII-RETRO	S-5 ColorGard SnapClip II
SNGS5SHOE-RETRO	S-5 ColorGard SnapClip III

SnapClip II

SnapClip III
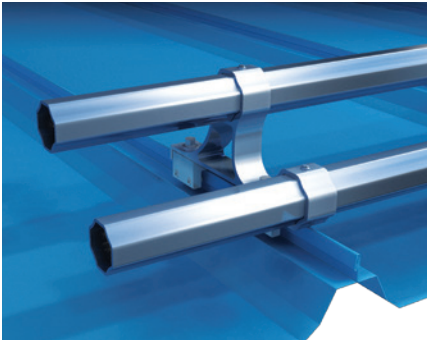
S-5!® X-Gard®

- 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

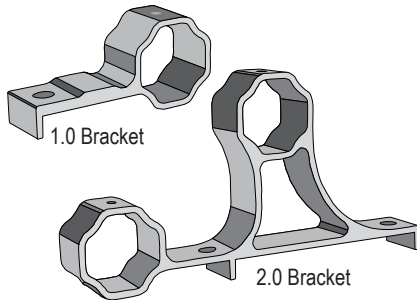## S-5!® X-Gard® Pipe

- 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		

S-5!® X-Gard® Brackets

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

1.0 Bracket

2.0 Bracket

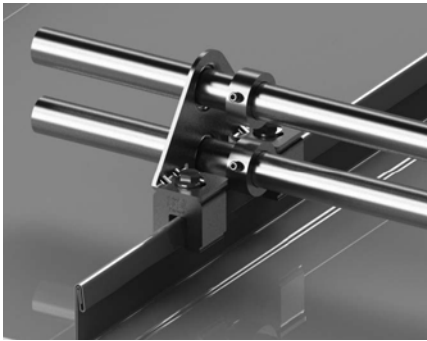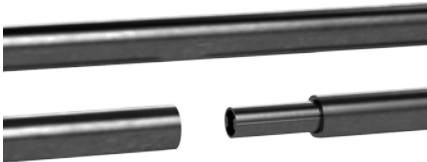| Part#	Description	Size
SNGS5XG1	S-5 X-Gard 1.0 Bracket for Single Pipe System	5.3" x 2.4" x 1.5"
SNGS5XG2	S-5 X-Gard 2.0 Bracket for Double Pipe System	11" x 5.75" x 1.5"

S-5!® X-Gard X-Clips

- Includes Screws
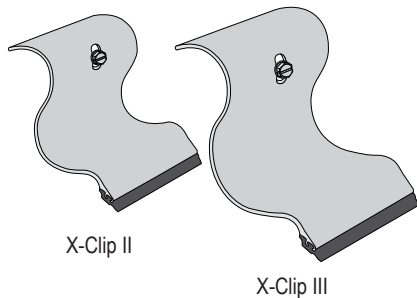
X-Clip II

X-Clip III

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
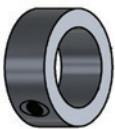
S-5!® DualPipe End Cap and Collar

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
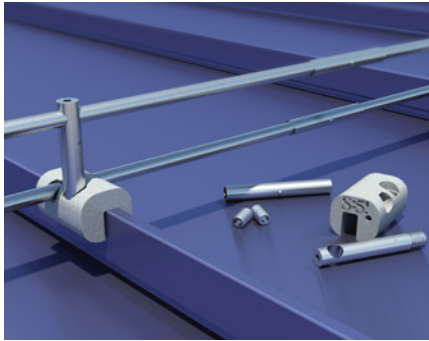
S-5!® SnoRail™ and SnoFence™

- 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
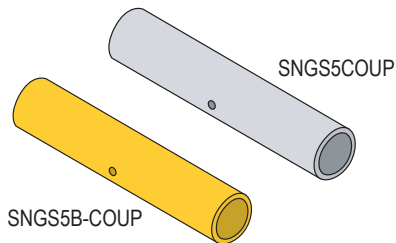
S-5!® SnoRod

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.
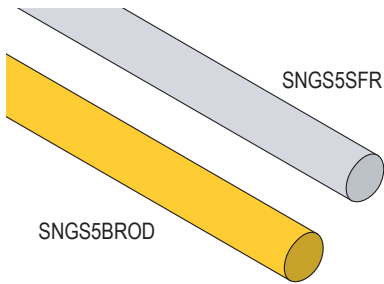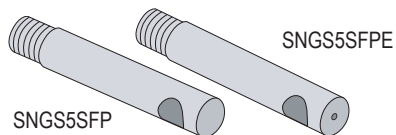
Part#	Description	Size	Length
SNGS5SFR	S-5 SnoFence Stainless Steel Rod	3/8"	12'
SNGS5BROD	S-5 SnoFence Brass Rod	3/8"	12'

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
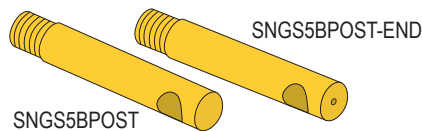
Part#	Description	Length
SNGS5SFP	S-5 SnoFence Stainless Steel Post	2.8"
SNGS5SFPE	S-5 SnoFence Stainless Steel End Post	2.8"
SNGS5BPOST	S-5 SnoFence Brass Post	2.8"
SNGS5BPOST-END	S-5 SnoFence Brass End Post	2.8"
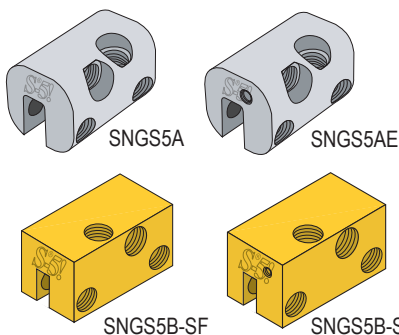
S-5-ASF Clamp/S-5-AE Clamp

- 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™ PC240

- Polycarbonate Lexan 103-112
- 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
SNGPC240	Snow Defender PC240 - Clear Polycarbonate Snow Guard	3" x 2.5" x 4.125"

Snow Defender™ Buster

- 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"

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
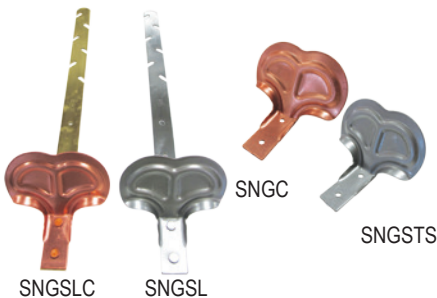
Berger #100 Snow Guard

• 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

Berger RT Clear Surface Mount Snow Guard

• Attach with Surebond High Strength Adhesive

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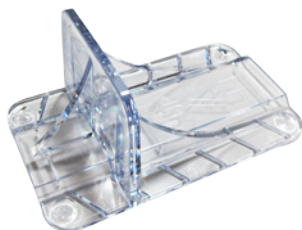
Berger RT Clear Surface Mount Structural Rib Snow Guard

• 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