

Taking a Seam Identification Photo

1. Take the photo from the eave edge of the roof where the gutter would be located.
2. Include a tape measure indicating the height of the seam in the photo
3. Try to take the photo directly in line with an individual seam to provide the profile
4. Measure the seam spacing and include this with the description

Examples:



PLEASE DO AT LEAST ONE OF THESE – If you can get photos and the roof name that is best. We also recommend trying samples and or the fitment tool especially if the roof is not installed yet

If it is a SSMR (Standing Seam Metal Roof):

- Determine the roof manufacturer, roof profile name and gauge and use our load test tables to see what which clamp or clamps we have tested on that particular profile: <https://s-5.com/resources/load-test-results/>
- Get pictures of panel w/dimensions
- Sketch out the roof profile
- Use clamp to seam tool <https://s-5.com/resources/clamp-to-seam-tool/>
- Use fitment tool
- Try samples on the roof

- ID the roof manufacturer and roof panel name
- Take a photo
- Draw it out

Ways to Choose the Best Clamp

If Taking a Photo

1. Take the photo from the eave edge of the roof where the gutter would be located.
2. Include a tape measure indicating the height of the seam in the photo
3. Try to take the photo directly in line with an individual seam to provide the profile
4. Measure the seam spacing and include this with the description
5. If the roof profile is a snap together profile and is hemmed over open the end up (use caution not to damage the seam) and take a photo of the inside so we can see the dimensions between the male and female legs (see photo 2 seam closed and photo 3 seam open). Photos 1-3 are all examples of snap together roof profiles



Photo 1



Photo 2



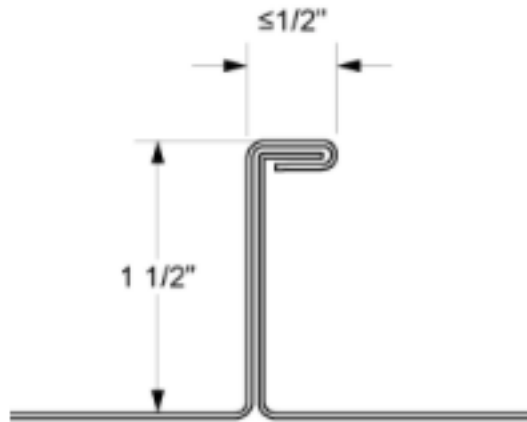
Photo 3



Photo 4

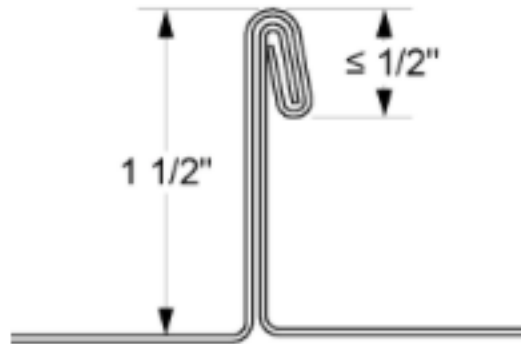
How to Take a Photo





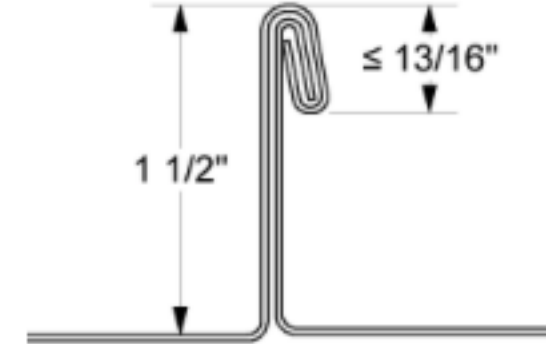
1-1/2" Single Fold

Compatible Clamps:
S-5-S, S-5-S Mini



1-1/2" Double Fold

Compatible Clamps:
S-5-E, S-5-E Mini



1-1/2" Double Fold

Compatible Clamps:
S-5-V, S-5-V Mini, S-5-U, S-5-U Mini

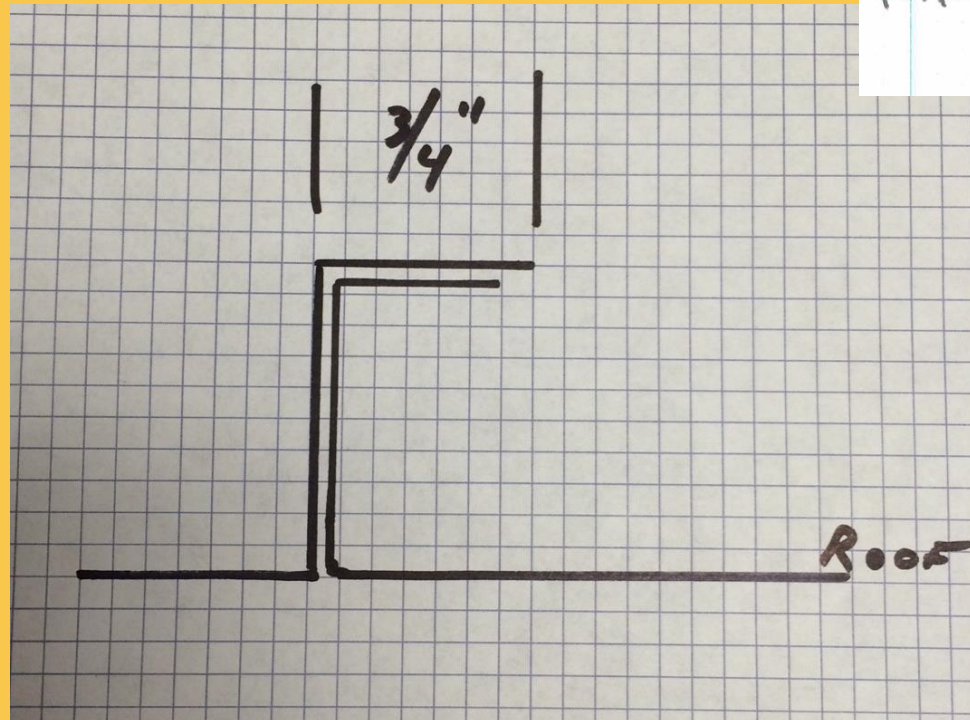
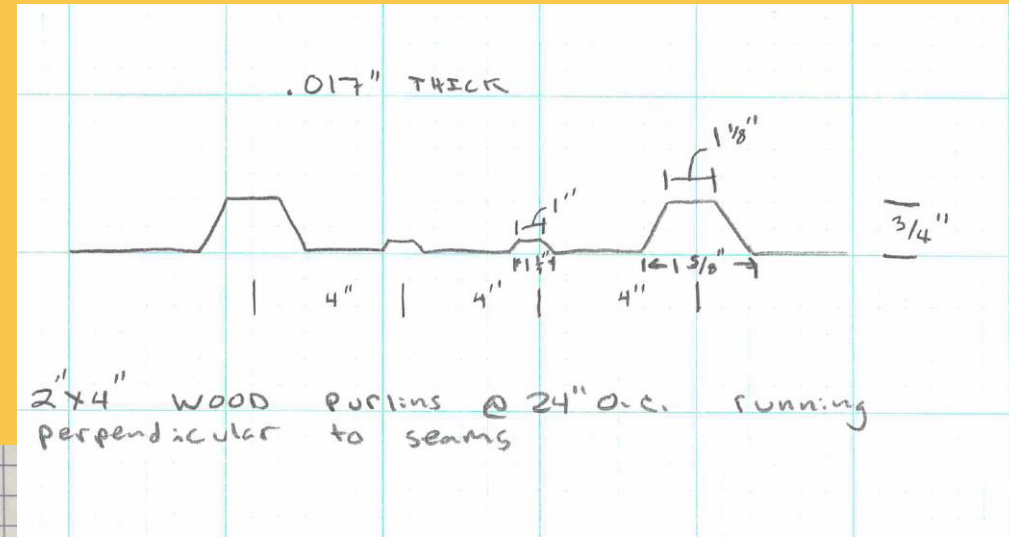
WIDTH

Examples of Mechanically seamed roofs

How to Take a Photo

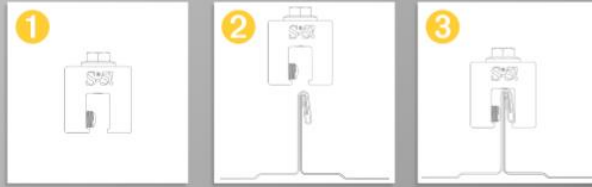


1. If it is a SSMR provide dimensions and distance between seams as well
2. If it is an exposed fastened roof provide distance between ribs, rib dimensions as shown in top photo, the structure you are attaching into unless you are using what of our sheeting only brackets and purlin distance if applicable



Drawing the Seam

Three Easy Steps to Find the Right Clamp for Your Roof



Identify the Clamp for Your Roof Panel Seam

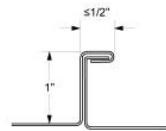
S-5!® attachment products are backed by years of rigorous testing and documentation to provide clients with the most accurate and informative options for all metal roof attachment projects. Our Clamp to Seam Matching Tool searches through all of our known test data, providing the most up-to-date and definitive answers on where to begin your roof transformation.

I know the make and model of my roof panel.

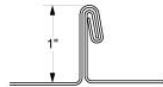
I do not know the manufacturer of my roof panel.

Roof Profile Looks Like:

Select a roof seam profile from the illustrations below to find links to product information for S-5! clamps compatible with your roof.



1" Single Fold
Compatible Clamps:
S-5-S, S-5-S Mini



1" Double Fold
Compatible Clamps:
S-5-E, S-5-E Mini



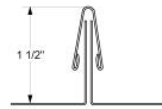
1" Snap Seam
Compatible Clamps:
S-5-S, S-5-S Mini



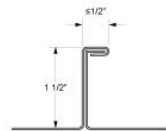
1" Nail Strip
Compatible Clamps:
S-5-N, S-5-N Mini



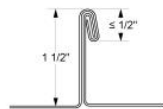
1" Batten Cap
Compatible Clamps:
S-5-S, S-5-S Mini



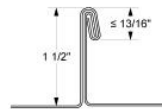
1-1/2" Batten Cap
Compatible Clamps:
S-5-S, S-5-S Mini



1-1/2" Single Fold
Compatible Clamps:
S-5-S, S-5-S Mini

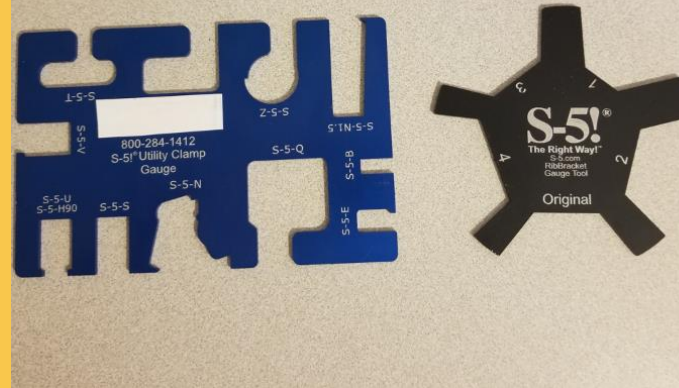


1-1/2" Double Fold
Compatible Clamps:
S-5-E, S-5-E Mini



1-1/2" Double Fold
Compatible Clamps:
S-5-V, S-5-V Mini, S-5-U, S-5-U Mini

Fitment Tools



- Take a photo?
- Get dimensions?
- Sketch it out w/dimensions
- Clamp to Seam Tool
- Load test tables
- Fitment tool
- Tech Line 888-825-3432

Load Test Results (Negative Load Normal to Seam)

This page shows our current list of Load Test Results. You can filter test results by Panel Manufacturer and/or Product. Choose from the options below to display the desired load test results.

Panel Manufacturer: Product:

Units: Safety Factor:

Showing Test Results for Englert

S-5! CLAMP	MANUFACTURER	PRODUCT	THICKNESS MATERIAL	SCREW TENSION (inch-lbs)	ULTIMATE LOAD (lbs)	FAILURE MODE	ALLOWABLE LOAD (lbs)	NOTES
S-5-N Mini (New)	Englert	A1101	.040 alum	115	534	D	178	8
S-5-N Mini (Old)	Englert	Series 1101	.032 alum	115	956	C/D	319	4
S-5-E Mini	Englert	Series 1300 (DBF) 1-1/2	24 ga steel	115	1900	A/D/B	664	
S-5-E Mini	Englert	Series 1300 (DBF) 1-1/2	.032 alum	115	1132	C/D	378	
S-5-E Mini	Englert	Series 1300 (DBF) 1-1/2	22 ga steel	150	2341	B/C	781	
S-5-S Mini	Englert	Series 1300 (SF) 1-1/2	.040 alum	115	1179	C	393	
S-5-U Mini	Englert	Series 1500	22 ga steel	150	839	D	280	
S-5-S Mini	Englert	Series 1500	24 ga steel	115	585	A/D	195	
S-5-U Mini	Englert	Series 1500	.032 alum	115	857	C/D	286	
S-5-U Mini	Englert	Series 1500	24 ga steel	115	1091	D/A	364	
S-5-S Mini	Englert	Series 2000	24 ga steel	115	1203	D	401	
S-5-U Mini	Englert	Series 2000	.032 alum	115	967	C/D	323	
S-5-S Mini	Englert	Series 2000	.032 alum	115	1051	D	351	
S-5-U Mini	Englert	Series 2000	24 ga steel	115	1457	C/D	486	
S-5-U Mini	Englert	Series 2000	22 ga steel	150	2038	C/D	680	
S-5-U Mini	Englert	Series 2400 (DBF)	24 ga steel	115	1719	C/D	573	
S-5-U Mini	Englert	Series 2400 (DBF)	22 ga steel	115	2937	D/B	979	
S-5-V Mini	Englert	Series 2400 (DBF)	22 ga steel	115	2937	D/B	979	
S-5-V Mini	Englert	Series 2400 (DBF)	24 ga steel	115	1719	C/D	573	
S-5-U Mini	Englert	Series 2400 (DBF)	.032 alum	115	991	C/D	331	
S-5-U Mini	Englert	Series 2400 (DBF)	.032 alum	115	991	C/D	331	
S-5-U Mini	Englert	Series 2400 (SF)	24 ga steel	115	2011	C/D	671	
S-5-H90 Mini	Englert	Series 2400 (SF)	24 ga steel	115	2011	C/D	671	3
S-5-U Mini	Englert	Series 2500 (DBF)	.032 alum	115	980	C/D	327	
S-5-V Mini	Englert	Series 2500 (DBF)	24 ga steel	115	2287	C/D	763	
S-5-V Mini	Englert	Series 2500 (DBF)	.032 alum	115	980	C/D	327	
S-5-H90 Mini	Englert	Series 2500 (SF)	24 ga steel	115	1986	B	662	
S-5-U Mini	Englert	Series 2500 (SF)	24 ga steel	115	1986	B	662	
S-5-S Mini	Englert	Series A1100	24 ga steel	115	968	A/C/D	323	
S-5-S Mini	Englert	Series A1100	.032 alum	115	869	D	290	

Clamp to seam tool

<https://s-5.com/resources/clamp-to-seam-tool/>

[Load test tables - just create a password https://s-5.com/resources/load-test-results/](https://s-5.com/resources/load-test-results/)