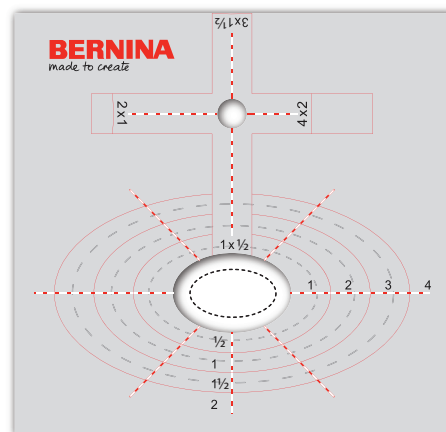
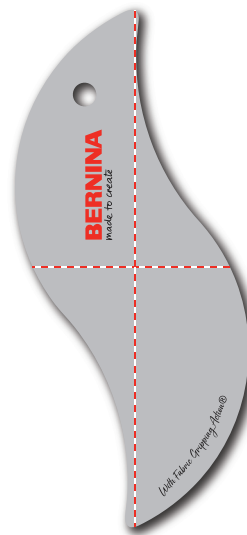
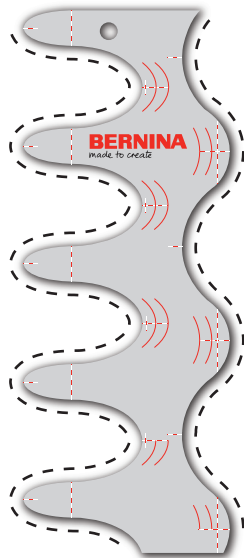


Curves & Clams

RULER KIT

With Fabric Gripping Action®



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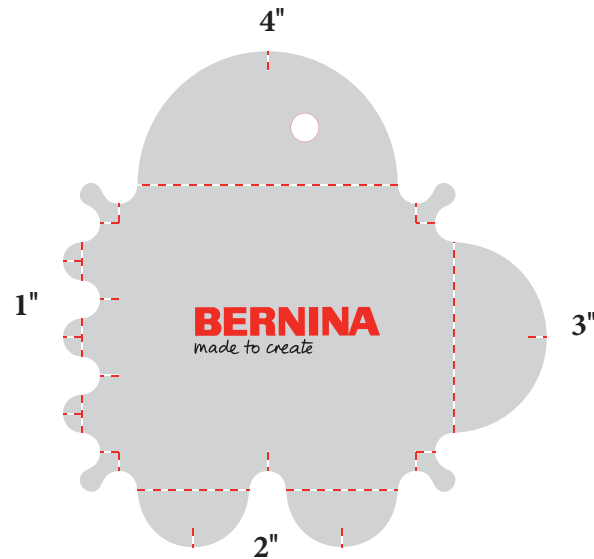
Further languages:
Weitere Sprachen:
Autres langues:
Otros idiomas:



Clamshell Template Instructions

The Clamshell Tool is used for making arcs or an all-over clamshell pattern. It has different sizes on all 4 sides. 1", 2", 3" and 4".

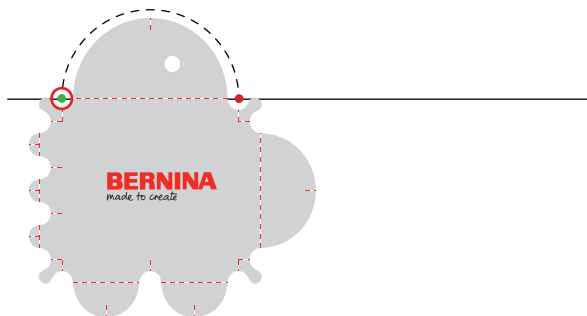
SYMBOL GUIDE	
	ruler foot
	start
	stop and needle down
	back stitching



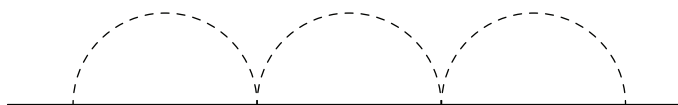
Note:

- 1) When using the template to quilt around you must have the ruler foot (#72 or #96) on your machine as well as a ruler base if you are on a stand-up machine.
- 2) When using the template to quilt around you will be stitching 1/2" larger (the width of your foot) when stitching completely around the template or 1/4" wider if only using a portion of the template (the distance from your needle to the outer edge of your foot).
- 3) You may need to start with drawn/chalked guidelines or seam lines on your quilt.

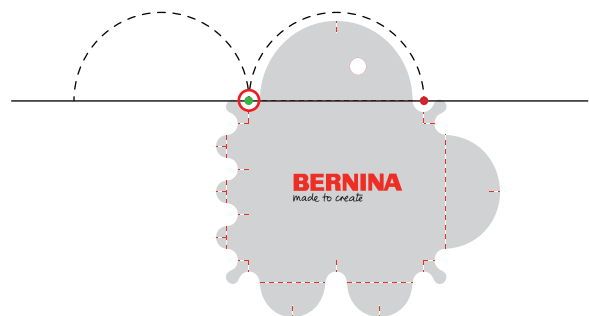
CLAMSHELL PATTERN FILL



Align the printed line on the template to your guideline, and sew from one end to the other.



You can stop here for a single row of arcs.

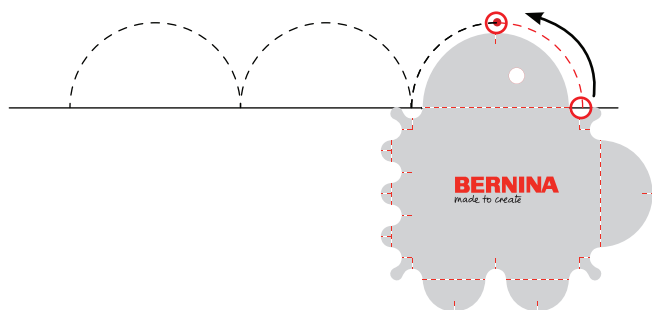


Move the tool over and align arcs with the horizontal line and ruler foot. Stitch next arc. Continue in this fashion for desired length.

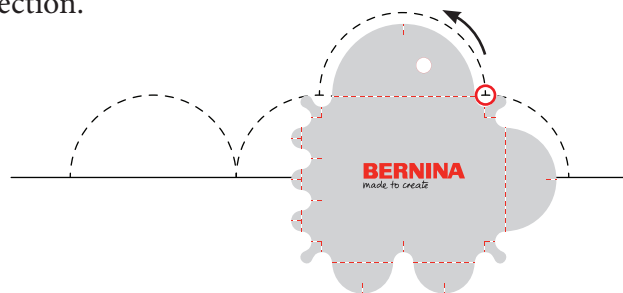


Try staggering the arcs for a fun variation.

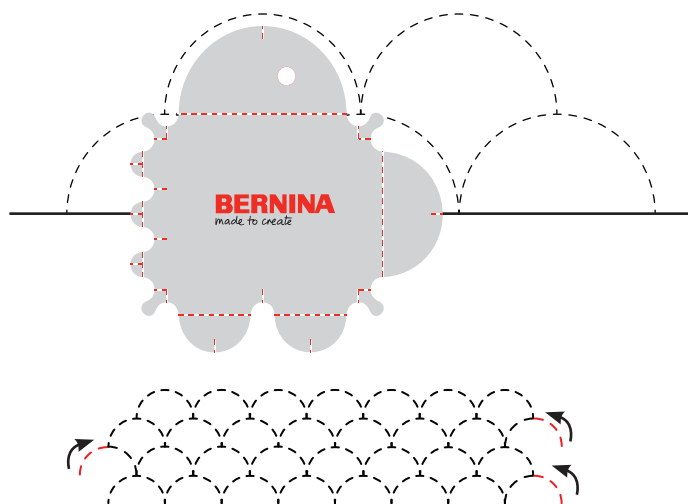
Continue for an overall clamshell. When you get to the end of your base row, backtrack over 1/2 of last arc, stopping at small printed center line on template as shown below.



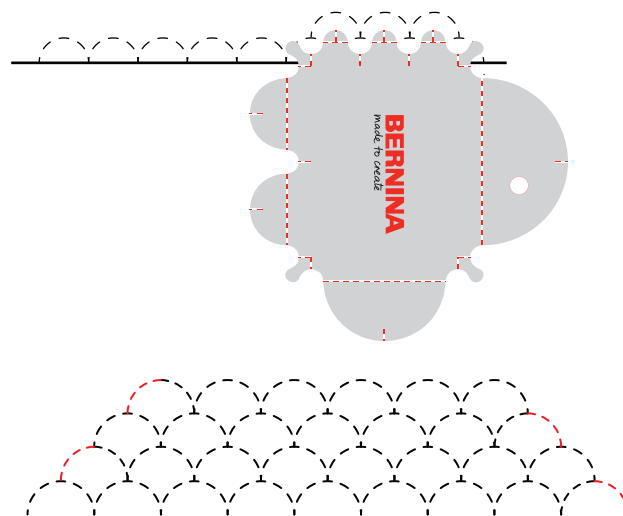
Move ruler to this new position aligning the small arc with the ruler foot and printed horizontal dash line with the top of the stitched arcs. Stitch across to the other side of the arc. Continue stitching and moving template as in previous row but this time in the opposite direction.



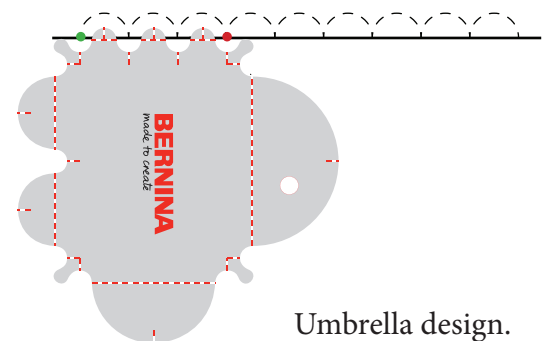
Fill in desired area with staggered rows of clamshell.



Try different sized arcs as desired.



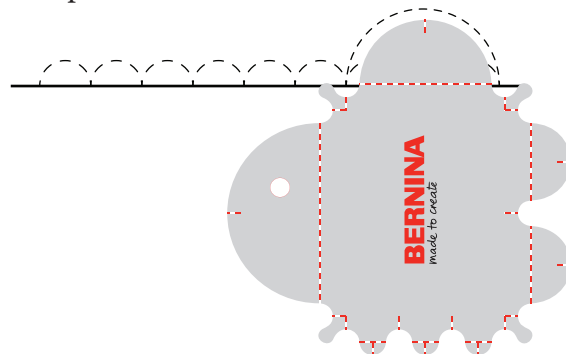
Start with a horizontal guideline or seam. Align the printed dash line on the 1" side of the template to your guideline and sew from one end to the other. Move the template over and repeat stitching, creating a row of 1" clamshells. Needle down.



Umbrella design.



Without moving the foot, change to the 4" arc. Align the printed line on the 4" side of template to your guideline and sew in the opposite direction from your previous stitching, creating an "umbrella" over 1" clamshells. Move template and repeat as desired. The 3" arc works as well.



Mix different size clamshells.

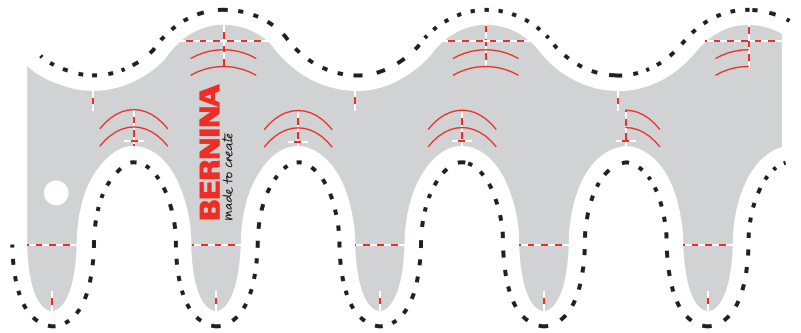


Squiggle #3 Instructions

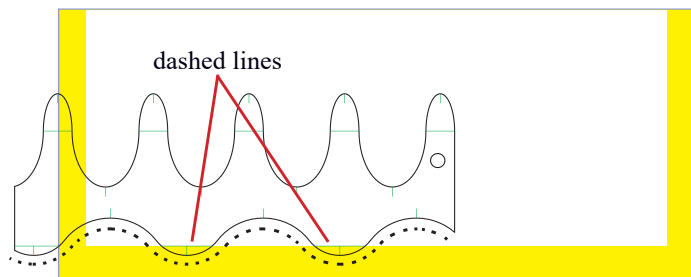
The Squiggle tool is specifically designed to machine quilt across a seam line with a simple, even wave. It's specifically designed to be easily manageable, which will quickly create a wide variety of designs. There are printed vertical and horizontal lines to help align the tool when creating your designs.

**Note:*

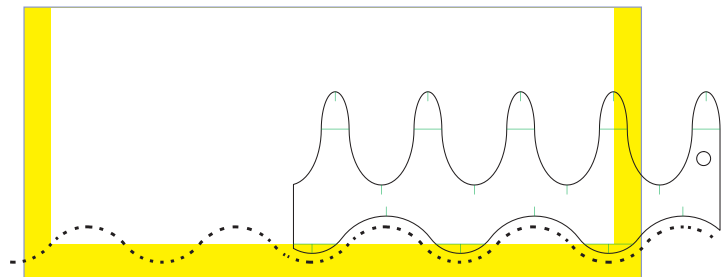
If you are using the tool on a machine that moves (stand-up or frame), be sure to have the ruler base attached to your machine. The hills and valleys on this template is designed with the ½" foot in mind.



Let's start with the basics. Place the Squiggle Template on a seam aligning the dashed lines on the seam.

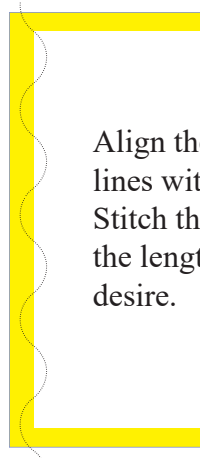


Stitch the wave stopping when you get to the seam. Needle down. Slide the Squiggle Template keeping the dashed lines aligned with the seam. Continue the wave.

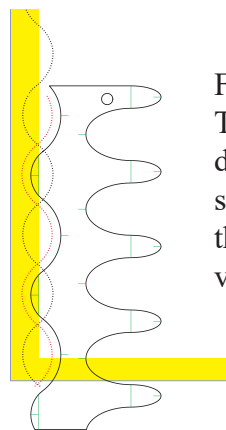


The Ribbon Effect

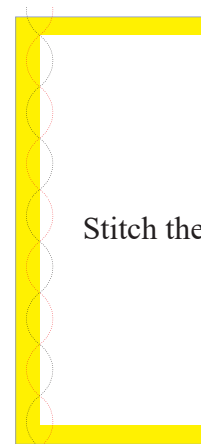
By using the "flip" movement with the Squiggle Template, you can create some interesting effects.



Align the dashed lines with a seam. Stitch the wave the length you desire.



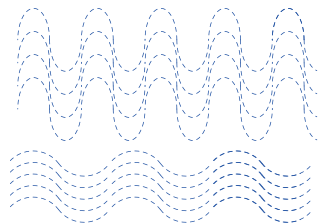
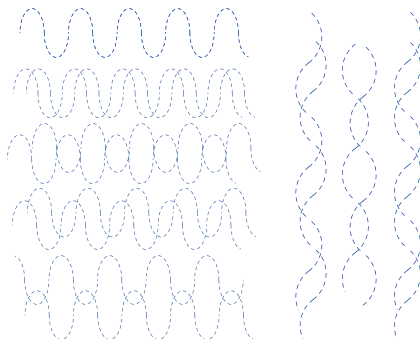
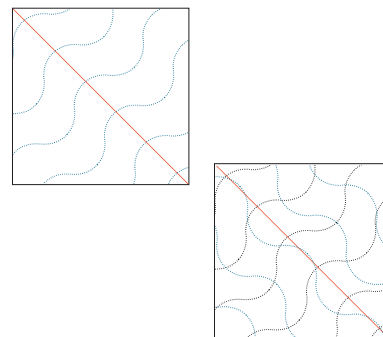
Flip the Squiggle Template. Align the dashed lines with the seams and make sure the hills are opposite the valleys and vice versa.



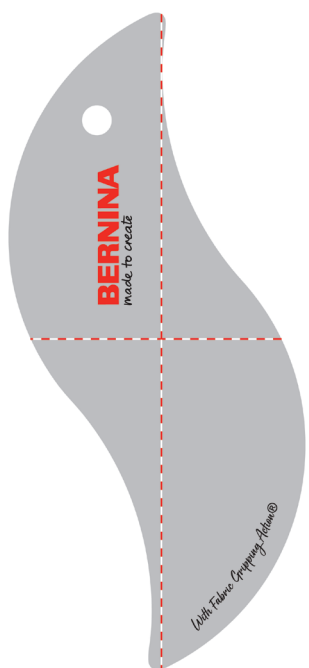
Stitch the new wave.

ADDITIONAL SQUIGGLE #3 DESIGNS

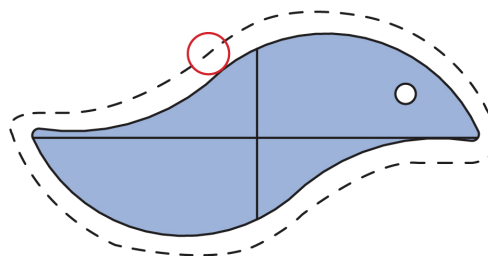
For more instructions please visit bernina.com/curvesrulers.

Cascading Waves*Ribbons**Crosshatching***S-Shape Template Instructions**

The S-Shape Template is great for quick and easy block and border designs.

**SYMBOL GUIDE**

	ruler foot
	start
	stop and needle down
	back stitching

***Note:**

- 1) When using the template to quilt around you must have the ruler foot (#72 or #96) on your machine as well as a ruler base if you are on a stand-up or frame machine.
- 2) When using the template to quilt around you will be stitching 1/2" larger (the width of your foot) when stitching completely around the template, or 1/4" wider if only using a portion of the template (the distance from your needle to the outer edge of your foot).
- 3) You may need to start with drawn/chalked guidelines or seam lines on your quilt. For block designs, an 8-point stencil might be useful.

SIMPLE BLOCK DESIGN I

Start with the ruler foot at the center point of your guidelines. Align the S-Shape's printed line with the vertical center line as shown and the tip butted up against the ruler foot. Stitch Completely around the template.

Rotate the template to the 45° line and again align center lines and tip of the template to the ruler foot. Stitch completely around the template. Continue to rotate the template six more times; stitching around the template a total of eight times.

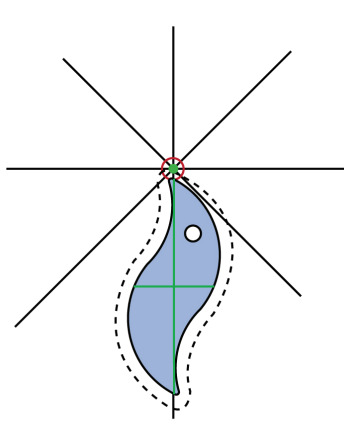


Illustration #1

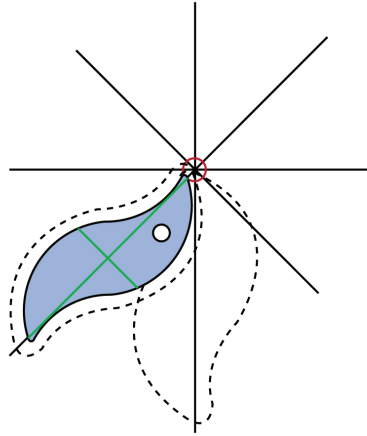
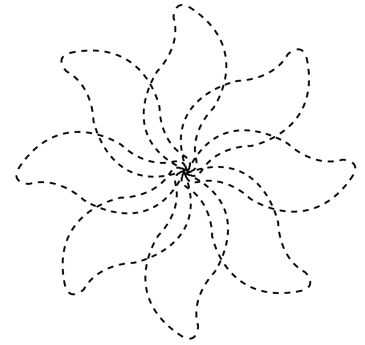


Illustration #2

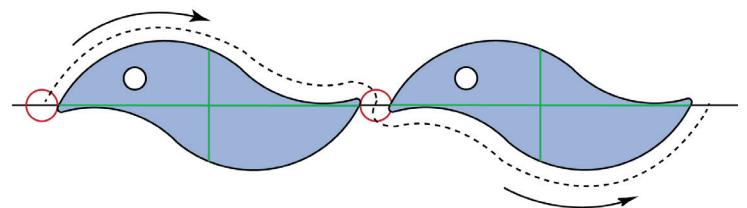
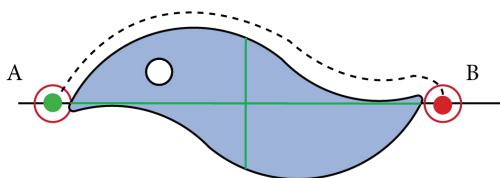


Completed Design

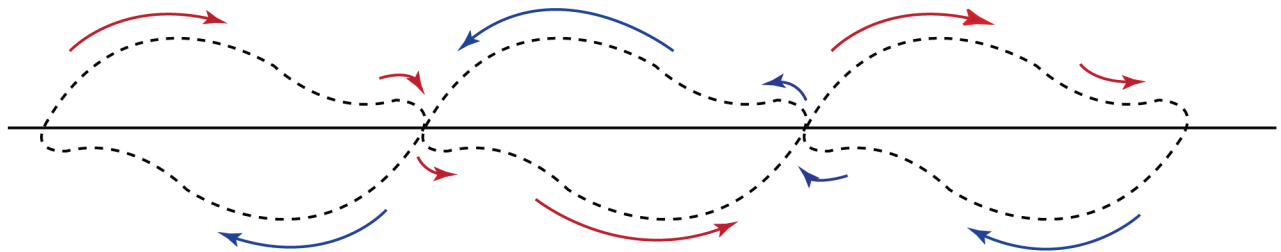
SIMPLE BORDER DESIGN I

Align the S-Shape template with both points touching a horizontal line. Stitch from point A to B, stitching only half of the shape.

Slide template along the horizontal line butting tip of template against the ruler foot. Continue stitching around the bottom of the template.



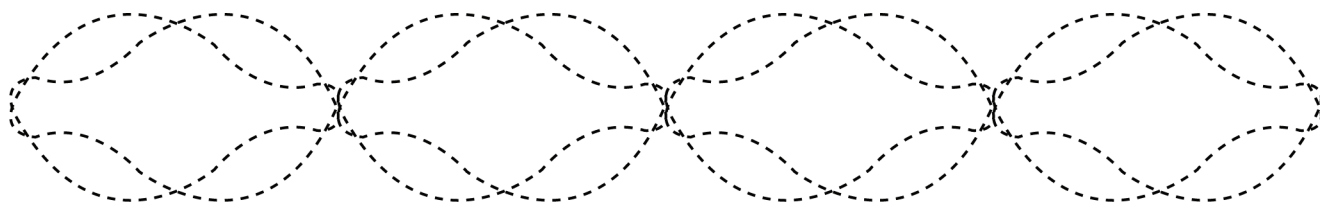
Continue moving and stitching 1/2 of the template. When you have reached the desired length of your design, reverse direction; moving the template and stitching back to the beginning.



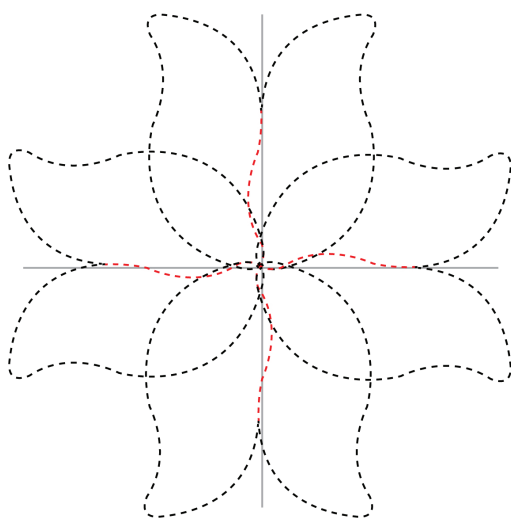
ADDITIONAL S-SHAPE DESIGNS

For more instructions please visit bernina.com/curvesrulers.

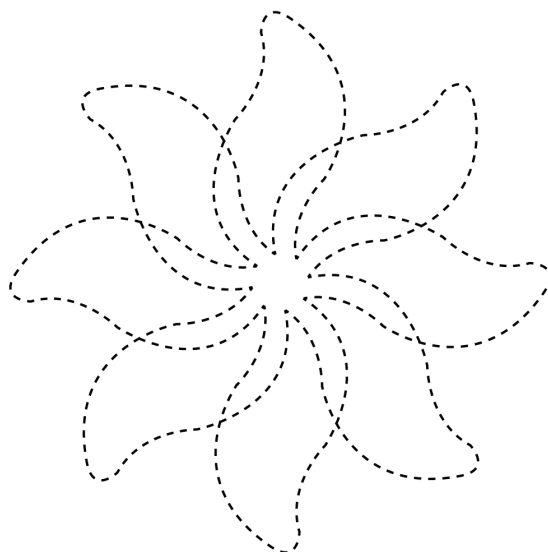
Border Design II



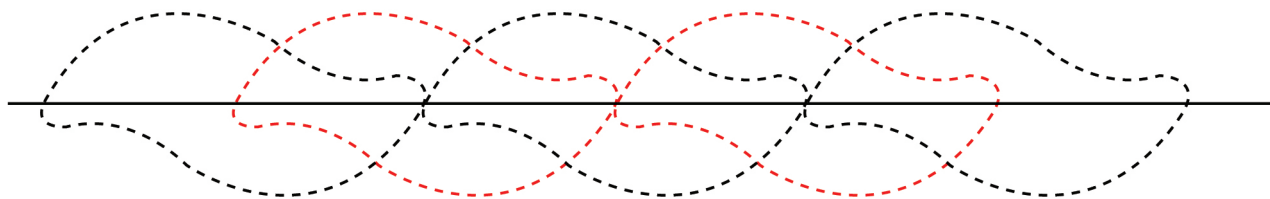
Block Design II



Block Design III



Interlocking Design

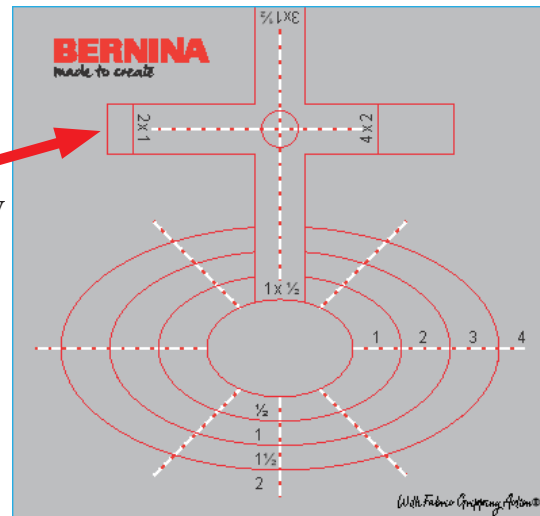


Nested Mini Ovals Instructions

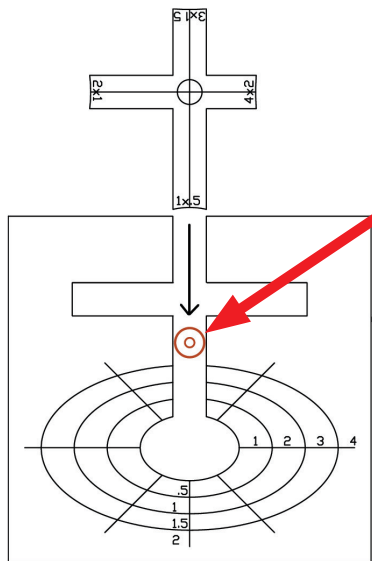
The Nested Mini Ovals are designed for use on a machine (either sit-down, or mounted on a frame). If you are using tools on a machine that moves, be sure to have a base such as an Extend-A-Base or ruler base attached to your machine. The dimensions of these tools are designed with the ½" round foot in mind. This means from outside edge to outside edge of the foot measures ½". Bernina foot #72 or #96.

1" x ½" to 4" x 2"

Special Key

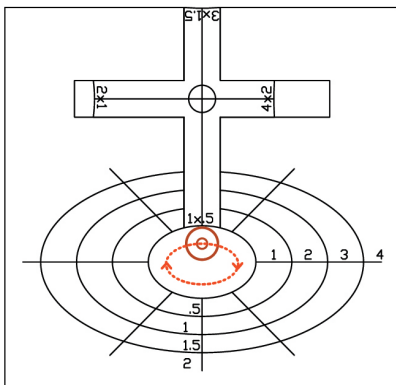
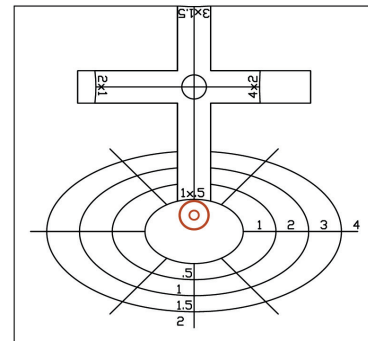


CONCENTRIC OVALS

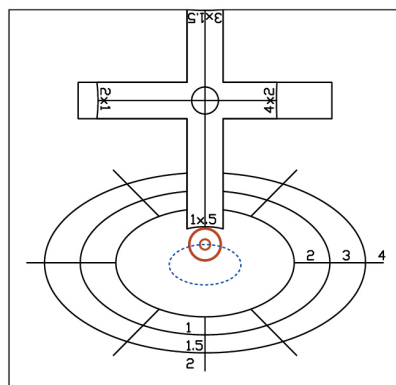


Hopping Foot

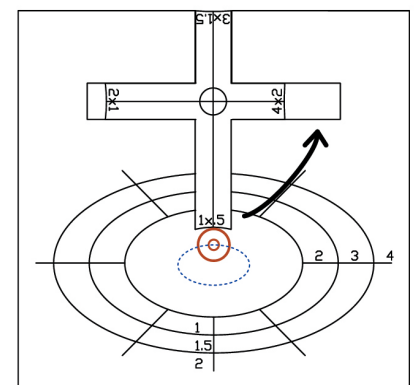
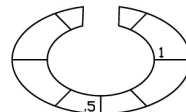
Remove key from template in order to position foot on the inside of the Nested Mini Ovals. Replace key being sure to match key to oval desired.



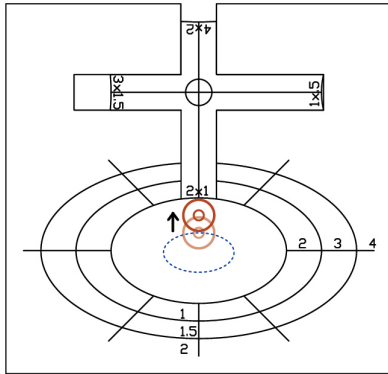
Stitch a complete oval.
Tie off thread.



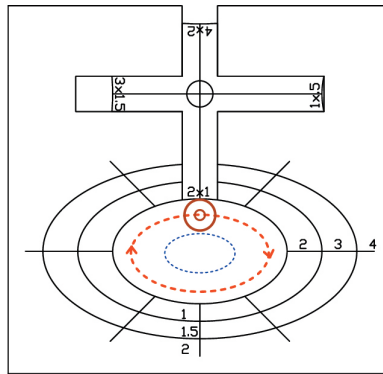
Remove first ring.



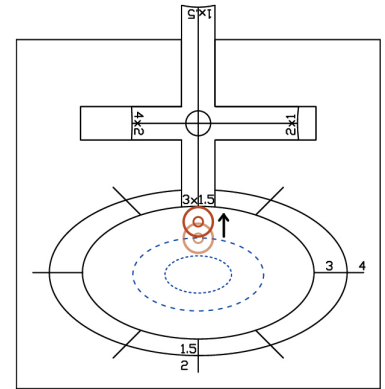
Turn key to match new oval size.



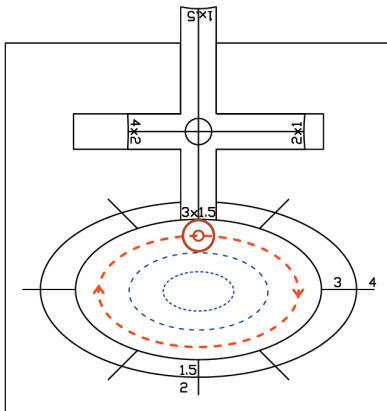
Move foot to edge of new oval.



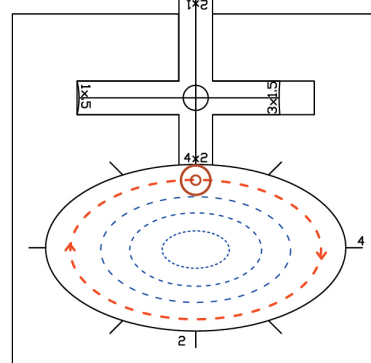
Stitch a complete oval.
Tie off thread.



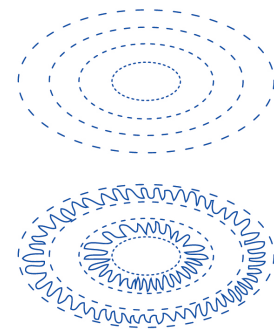
Remove second ring.
Turn key to match new oval size. Move foot to edge of new oval.



Stitch a complete oval.
Tie off thread.

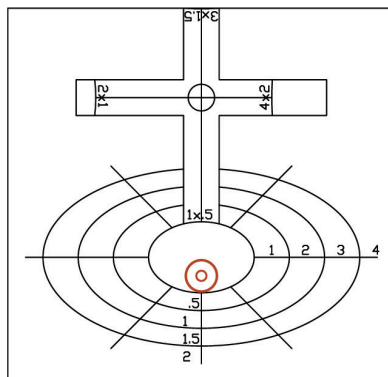


Remove third ring. Turn key to match new oval size.
Move foot to edge of new oval. Stitch complete oval.

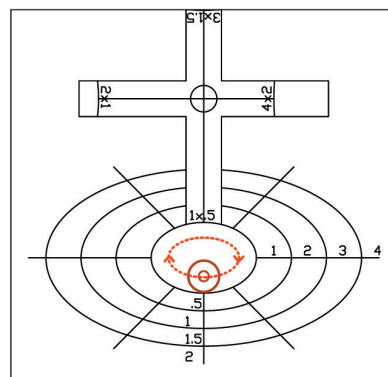


Complete design with four concentric ovals $\frac{1}{2}$ " apart.
Add fill for a faux trapunto effect.

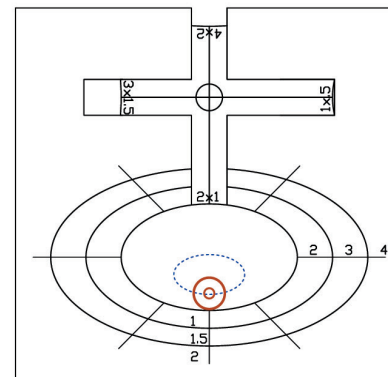
CONNECTED (Psychedelic) OVALS



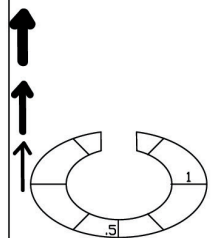
Remove key from template in order to position foot on the inside of the Nested Mini Ovals. Replace key being sure to match key to oval desired. Position foot at the bottom of the oval.

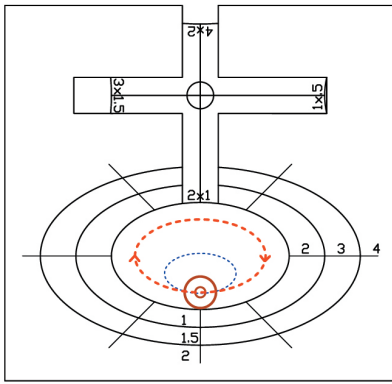


Stitch a complete oval.
Needle down.

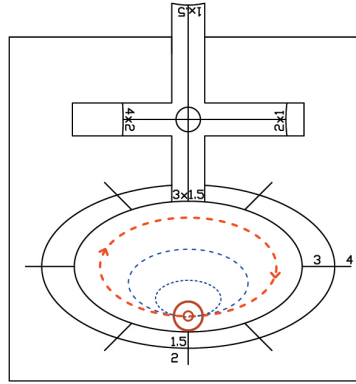


Remove first ring. Turn key to match new oval size. Slide template to foot position.

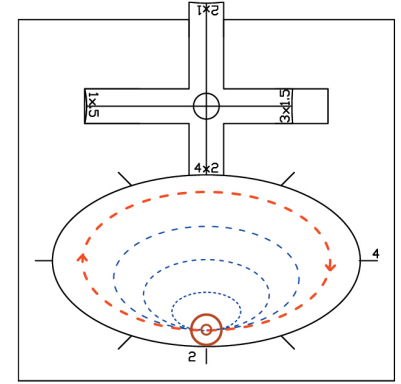


CONNECTED (Psychedelic) OVALS

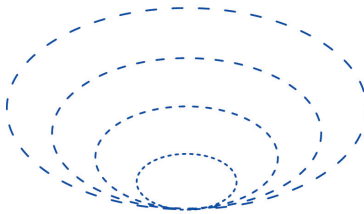
Stitch a complete oval.
Needle down.



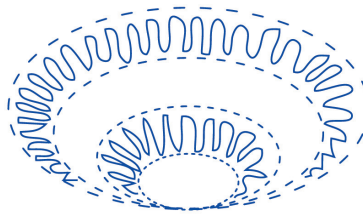
Remove second ring.
Turn key to match new oval size. Slide template to foot position. Stitch a complete oval.



Remove third ring. Turn key to match new oval size. Slide template to foot position. Stitch complete oval.



Completed
psychedelic ovals



Add fill for a faux
trapunto effect.



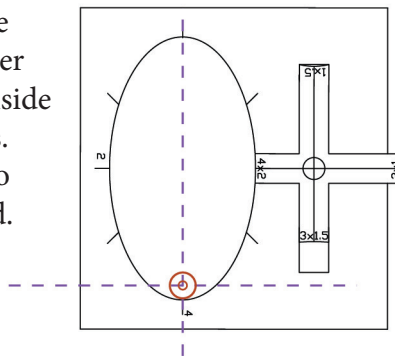
Try the
ovals on
their side

SPYROGRAPHING OVALS

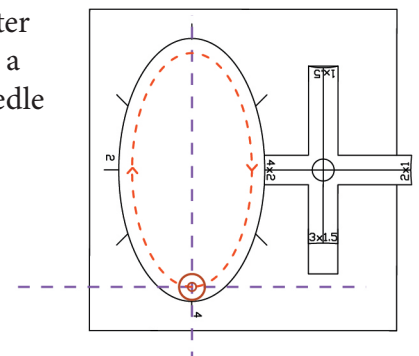
You will be using the printed lines on the template to keep your design even and consistent. You will need to have lines or seams (shown in purple dashes) on the block where the design is to be stitched. If there are no seams, (for instance: a blank block as opposed to a four patch), use a stencil to pounce in a grid, or use a ruler to draw in a set of cross hairs on the block. Line template up with one edge of the oval on the center point of the block and the printed line running straight up the key on the vertical line of the crosshairs. The printed line opposite the key should be on the same vertical line.

***Note:** The first time you do this, it is easiest with the largest size. If you use one of the smaller sizes, you might find it helpful to use blue painter's tape to help hold the pieces with moving the template.

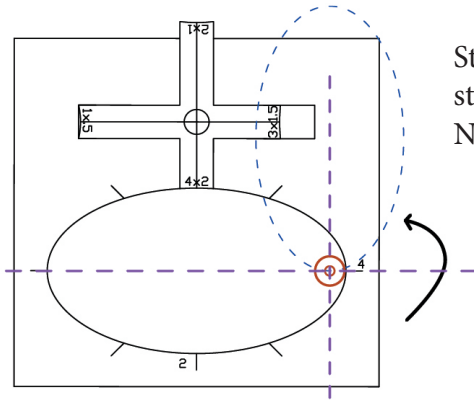
Pick an oval size. Remove key from template in order to position foot on the inside of the Nested Mini Ovals. Replace key, being sure to match key to oval desired.



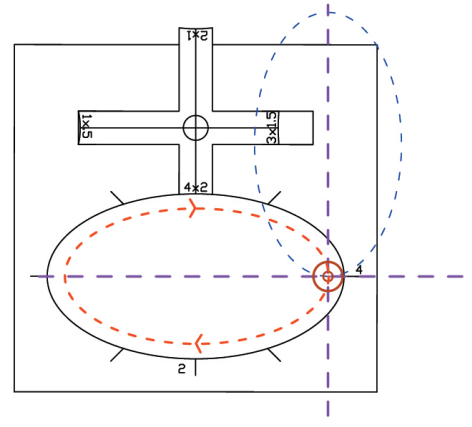
Starting at the center of the block, stitch a complete oval. Needle down.



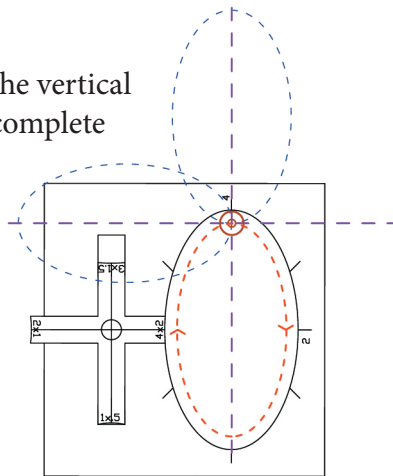
Rotate the template to the horizontal crosshair.



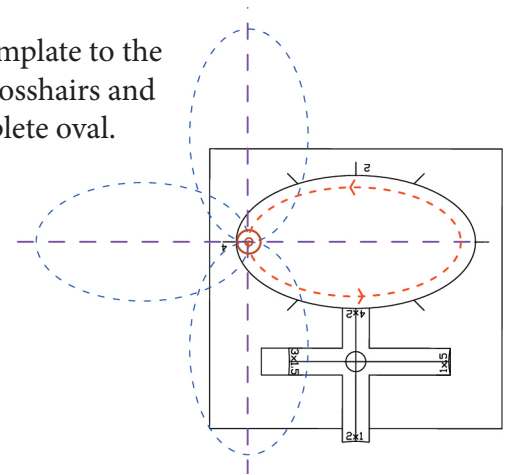
Starting at the center, stitch a complete oval. Needle down.



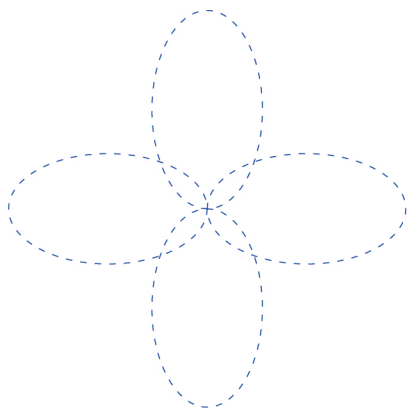
Rotate the template to the vertical crosshairs and stitch a complete oval. Needle down.



Rotate the template to the horizontal crosshairs and stitch a complete oval.

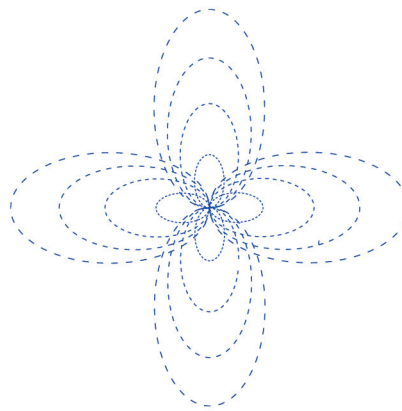


Completed
Spyrographing Ovals.

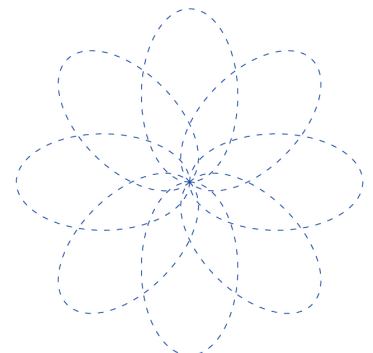
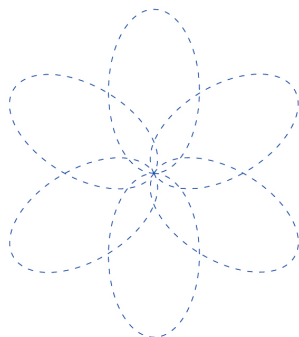


6 Point Design

Combined Psychedelic and
Spyrographing Ovals.

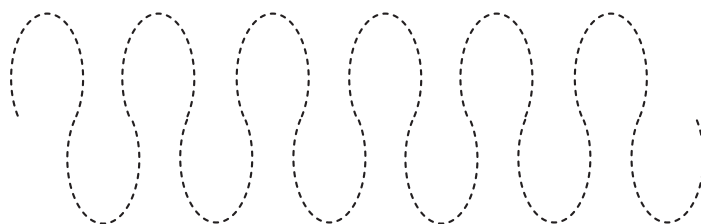
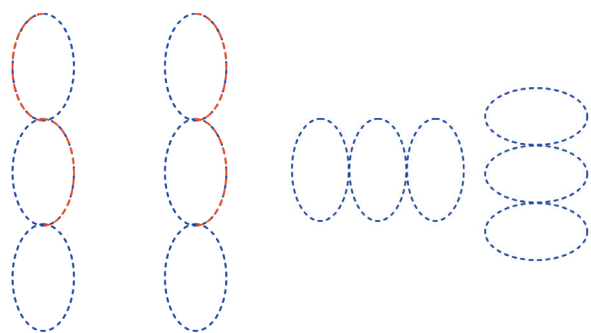


8 Point Design



ADDITIONAL OVAL DESIGNS

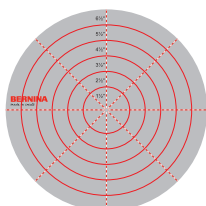
For more instructions please visit bernina.com/curvesrulers.

Cursive "e" stitch*Oval tall stitch**Line of Ovals stitch**Oval wide stitch***GET ALL THREE RULER KITS!****ESSENTIALS KIT**

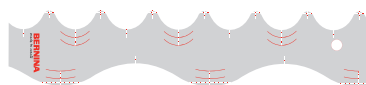
MULTI CURVE GUIDE



NESTED CIRCLES



SQUIGGLE #1



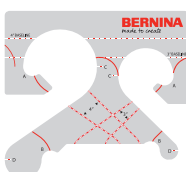
MINI STRAIGHT LINE

**BORDER KIT**

POINTED LEAF/OVAL



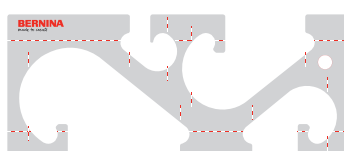
LOOP TO LOOP



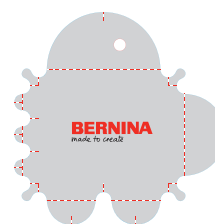
CABLE



HEARTS

**CURVES & CLAMS**

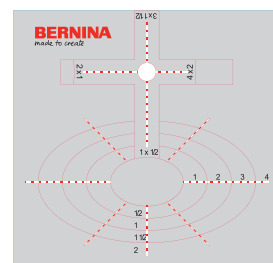
CLAMSHELL X4



SMALL S-SHAPE



NESTED MINI OVALS



SQUIGGLE #3

