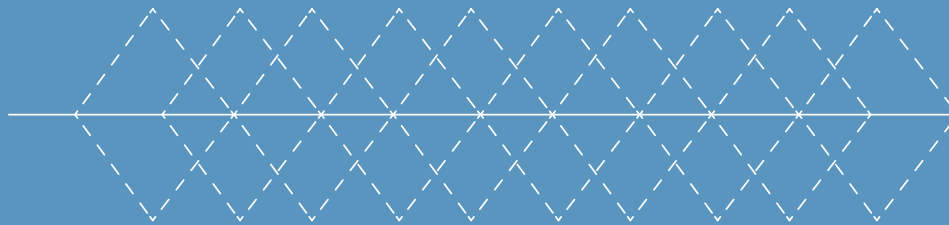
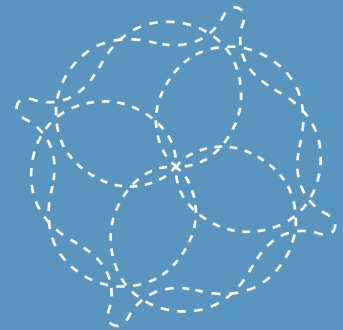


BABY LOCK

Ruler Expansion Set Instructions

For Low, High Shank and Longarm Quilting Machines

BLRK3-HSLA
BLRK3-LS



FOR THE LOVE OF SEWING

BABY LOCK

Ruler Expansion Set Instructions

Expand your quilting capabilities with the Baby Lock Ruler Expansion Set. From stitching arcs to flowing block designs to swag borders, these rulers are perfect for any sewer looking to add new designs and styles to their quilts.

- Clamshell
- Triangular Chain
- Heart

3/16" Templates

- Designed for low shank machines.
- For use with the Baby Lock Open Toe Ruler Foot Low shank. (BL-LOTRF)
- Recommended for use with an extension table or on a standard machine that has been lowered into the cabinet.



Low Shank Ruler Set BLRK3-LS

1/4" Templates

- Designed for high shank and longarm machines.
- For use with the Baby Lock Open Toe Ruler Foot High Shank. (BL-HOTRF)
- For use with the 1/4" Ruler and Echo Foot Set for Longarm machines. (BLQ-REFS)
- Recommended for use with a ruler base on longarm machines, sit down longarm machines, or standard machines lowered into the cabinet.



High Shank Ruler Set BLRK3-HSLA



FOR THE LOVE OF SEWING

CLAMSHELL



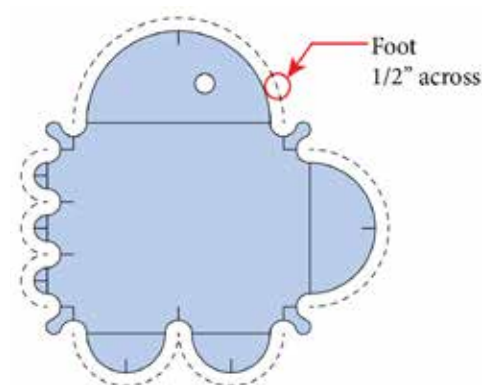
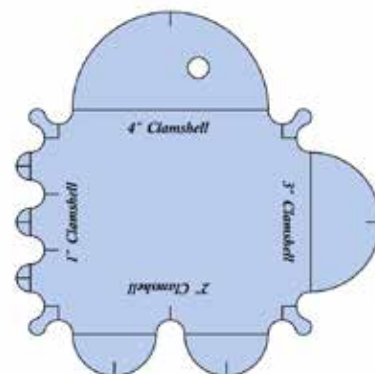
Clamshell Tool Instructions

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

If you are using the template(s) to quilt around (such as a longarm machine, or high shank home machine), you must use the 1/4" acrylic thickness. **If you are on a low shank home machine, you must use 3/16" acrylic thickness. If you are on a machine that is stationary, you may find it helpful to put some type of agent such as Grip Stop Dots or spray adhesive on the templates. Before using, peel any film/paper masking from the templates so you can see through the clear plastic.*

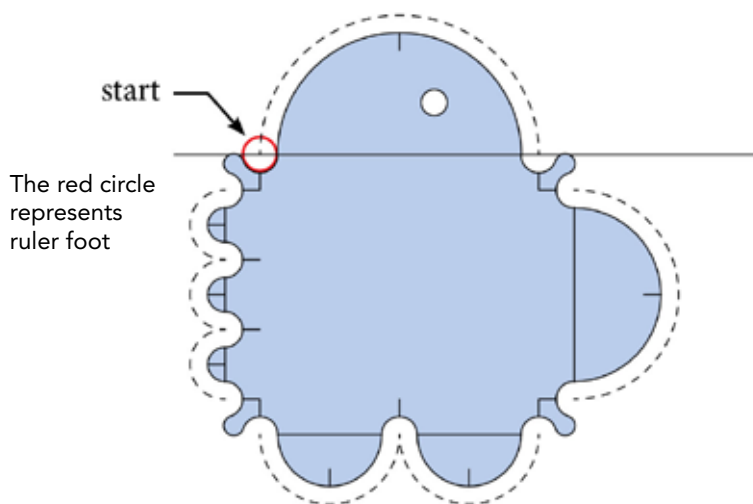
*Note:

- 1) When using the template(s) you must have a ruler foot on your machine as well as a base (such as an extension table or ruler base).
- 2) When using the template(s) you will be stitching a 1/2" larger (the width of your foot), or 1/4" wider if only using a portion of the template (the distance from your needle to the outer edge of your foot).



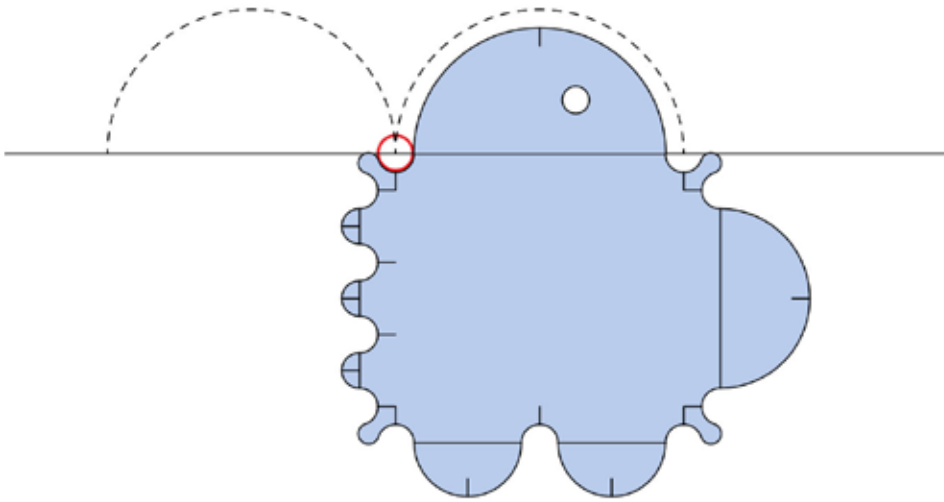
Clamshell Pattern Fill

Start with a horizontal guideline or seam. Align the etched line on the template to your guideline, and sew from one end to the other.

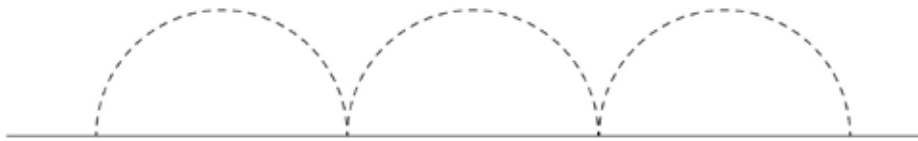


CLAMSHELL

Move tool over and align 3" arc with horizontal line and ruler foot. Stitch next arc. Continue in this fashion for desired length.



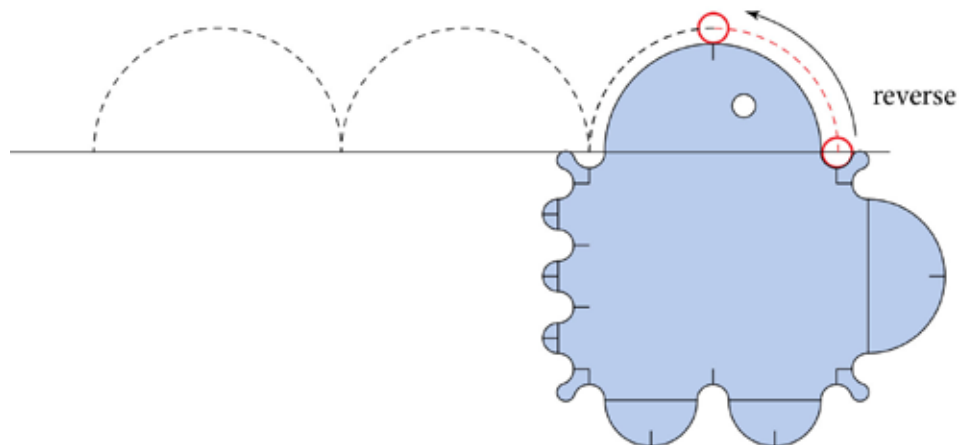
You can stop here for a single row of arcs.



Try staggering the arcs for a fun variation.

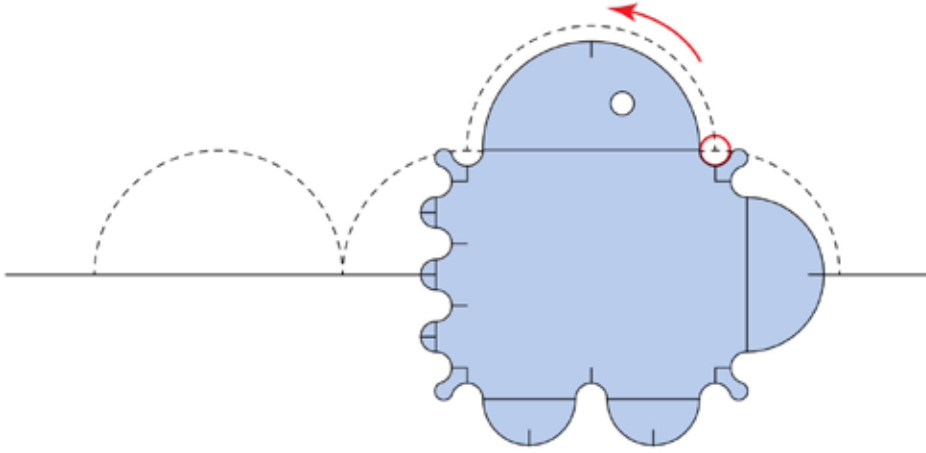


Continue for filled clamshell. When you get to the end of your base row, backtrack over half of the last arc stopping at small etched line on template as shown below.

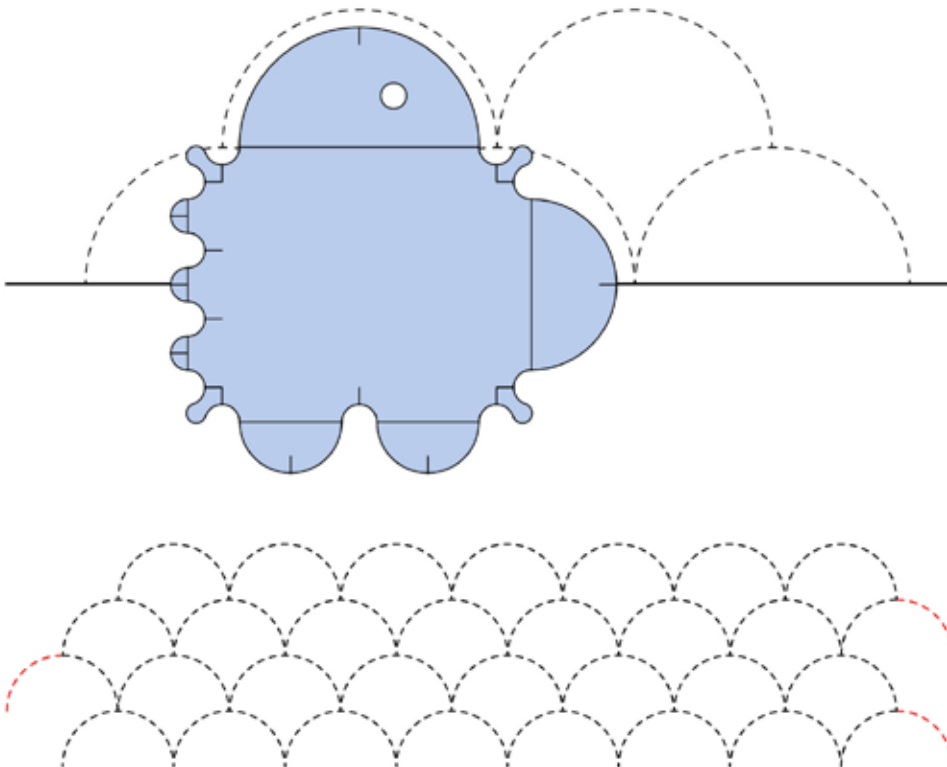


CLAMSHELL

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



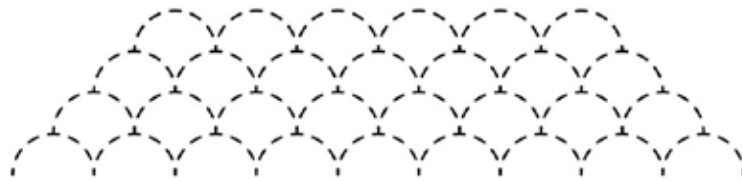
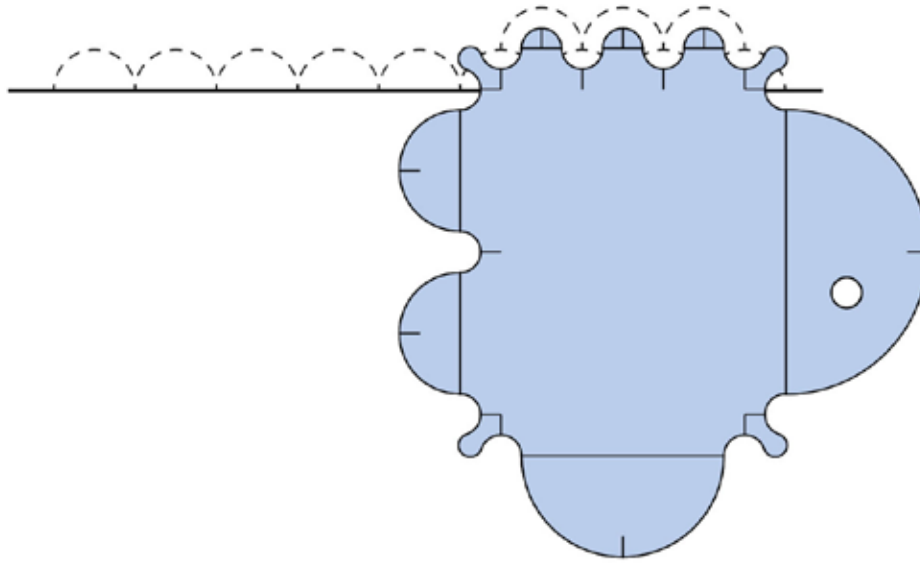
Fill in desired area with staggered rows of clamshell.



The red lines denote backstitching

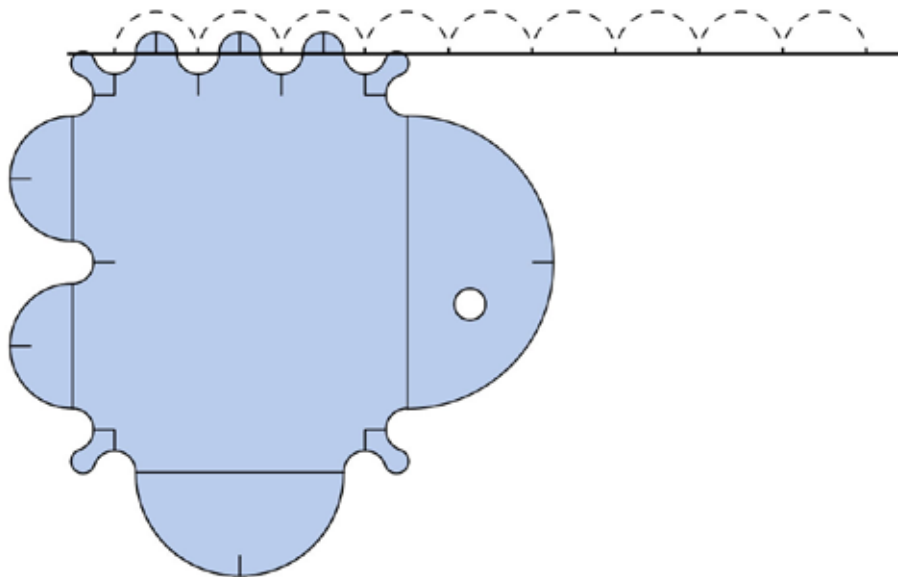
CLAMSHELL

Try different sized arcs as desired.



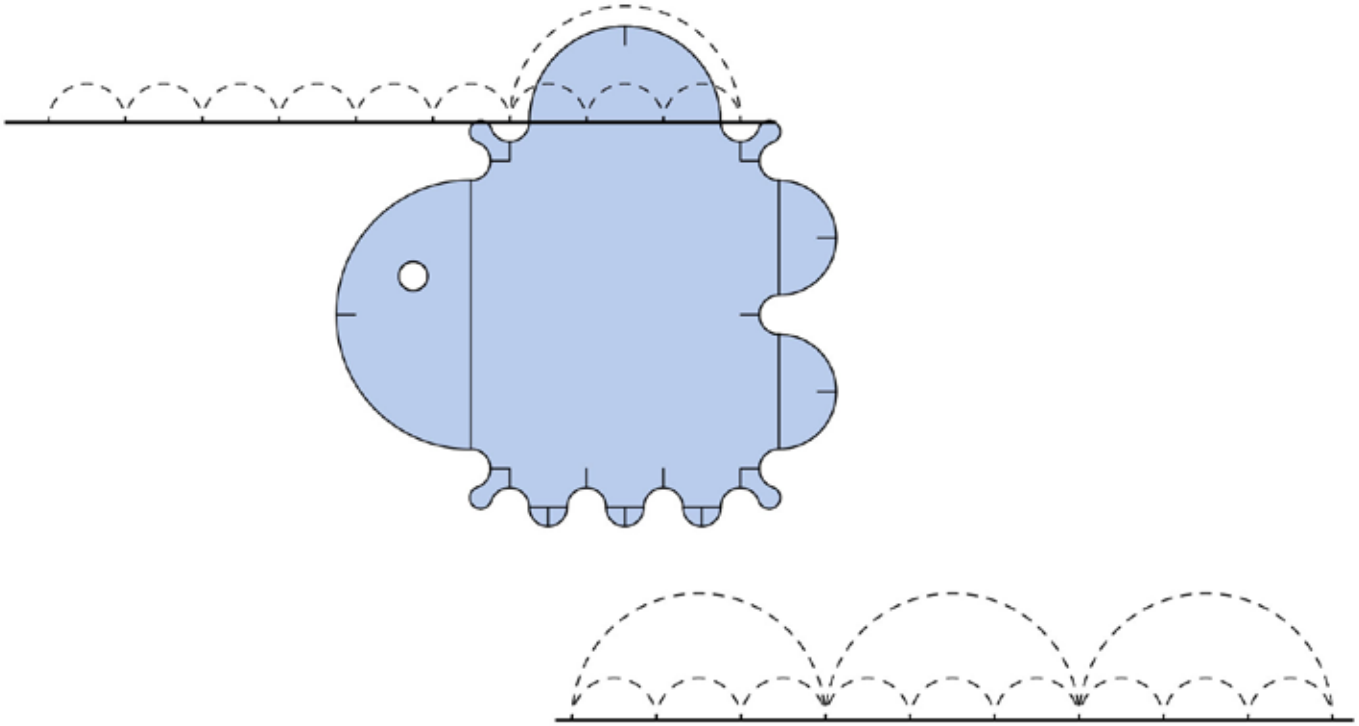
Umbrella Variations

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

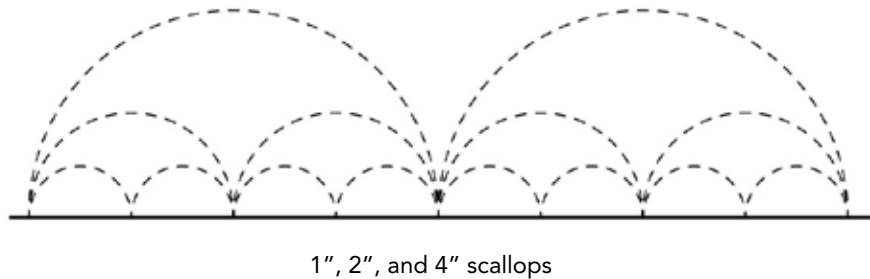


CLAMSHELL

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



Try mixing different size scallops for many variations.

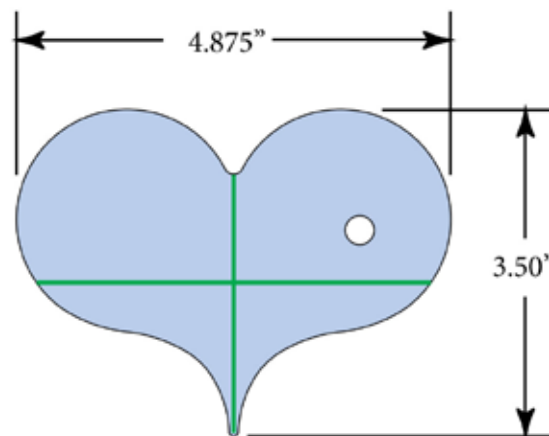


HEART



Heart Instructions

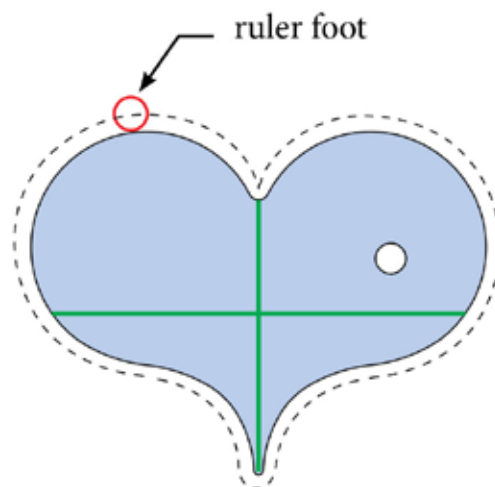
If you are using the template(s) to quilt around (such as a longarm machine, or high shank home machine), you must use the 1/4" acrylic thickness. **If you are on a low shank home machine, you must use 3/16" acrylic thickness. If you are on a machine that is stationary, you may find it helpful to put some type of agent such as Grip Stop Dots or spray adhesive on the templates. Before using, peel any film/paper masking from the templates so you can see through the clear plastic.*



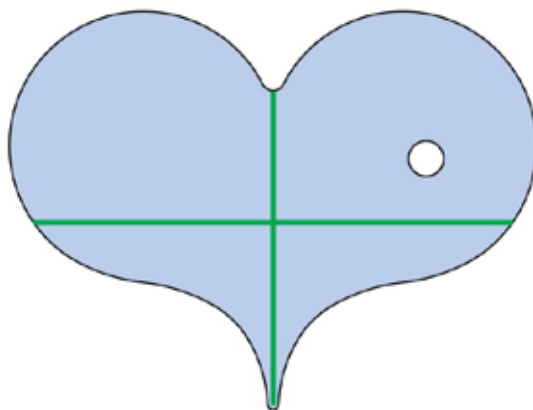
*Note:

1) When using the template(s) to quilt around you must have a ruler foot on your machine as well as a base (such as an extension table or ruler base).

2) When using the template(s) to quilt around you will be stitching a half inch larger (the width of your foot), or one quarter inch wider if only using a portion of the template (the distance from your needle to the outer edge of your foot).



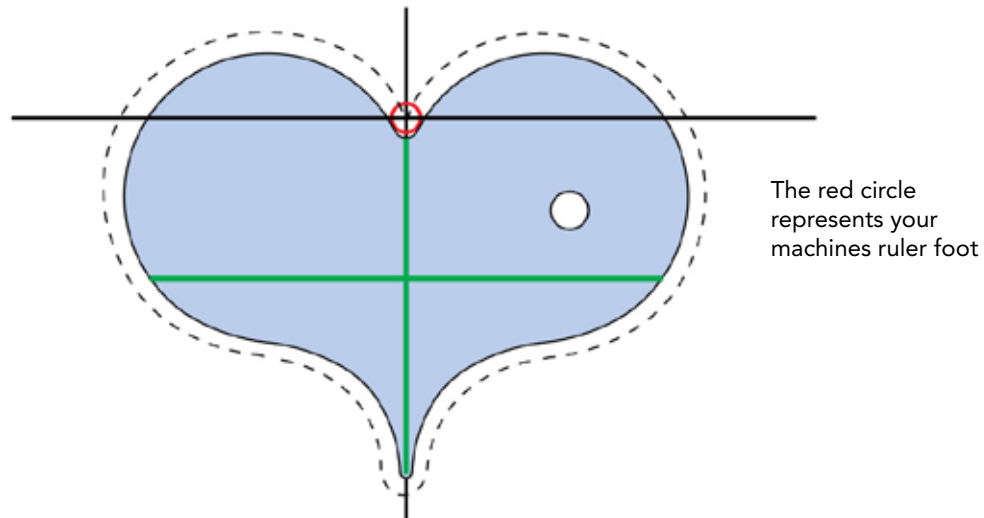
The Heart Tool is great for quick and easy block and border designs. You will just need to start with horizontal and vertical drawn guidelines or seam lines on your quilt.



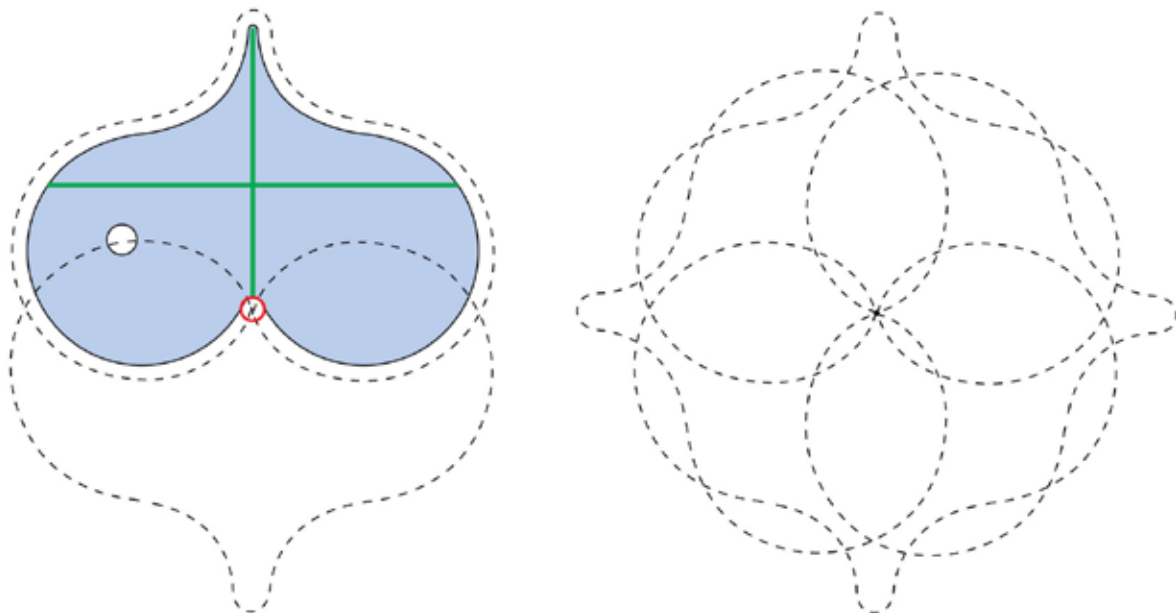
HEART

Simple Block Design 1

Starting with horizontal and vertical crossing lines, align the valley of the heart on the center of the "crosshairs" and the "tip" of the heart on the "southern" grid line. Start and end in the valley of the heart and stitch completely around the template, ending with your needle down. Use the illustration below as your guide.

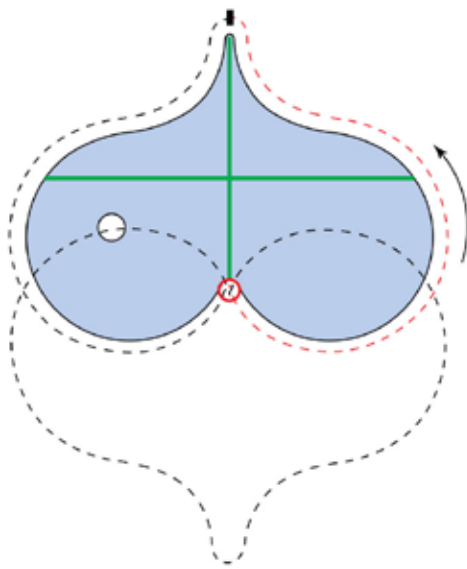


Rotate the template to the "north" and repeat stitching around template. Complete the block design by rotating and stitching the "east" and "west".

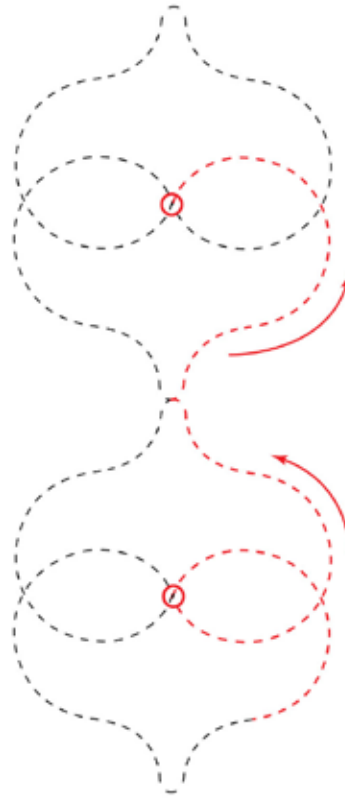


HEART

This simple design would make a great border design. To continuously quilt the next pair of designs, back track over previous stitching to get to the "valley" of hearts in the next section of designs.

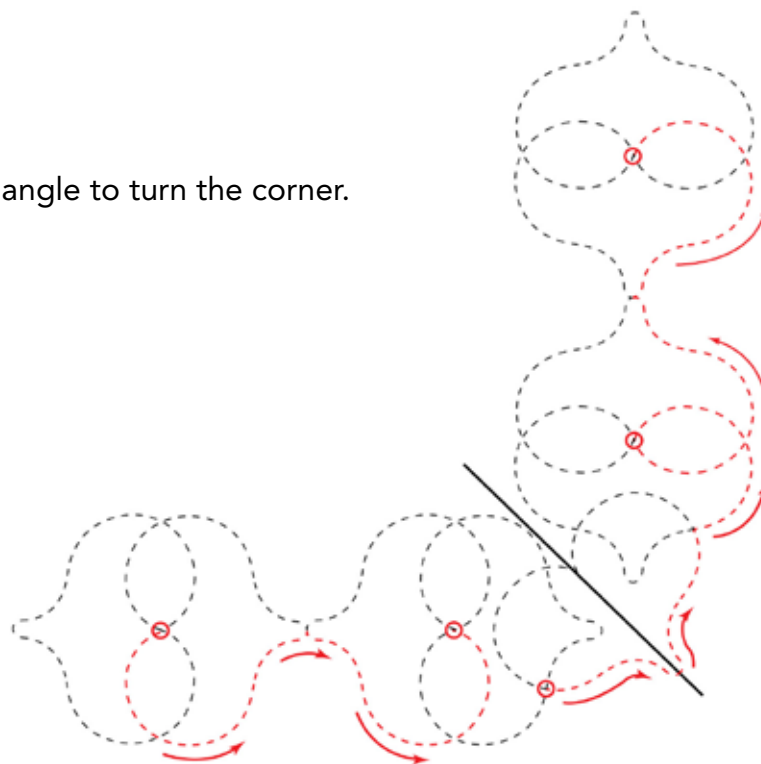


Start and stop at the red circles and backtrack over red dashed areas following arrows.



Corner Design

Add another heart at a 45° angle to turn the corner.

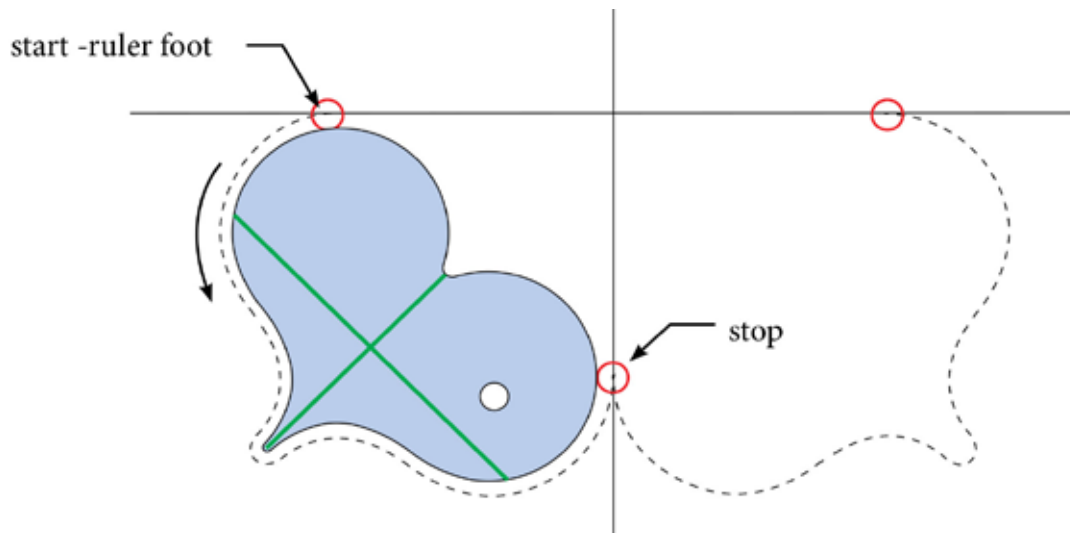


HEART

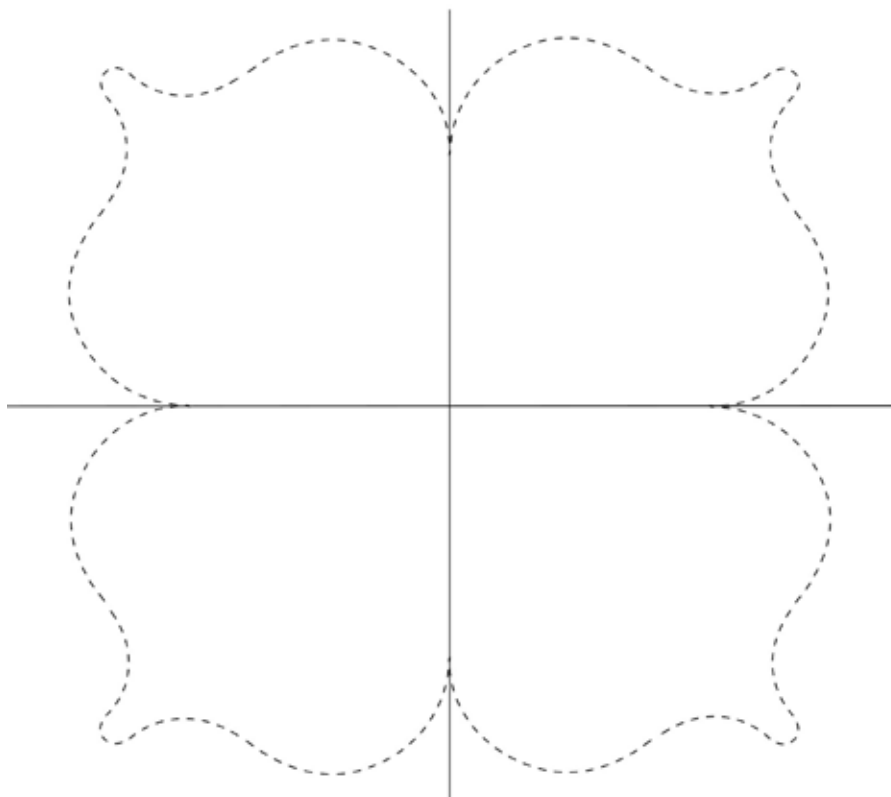
Simple Block Design 2

Create a simple block design using the Heart Tool and horizontal and vertical crosshair lines.

Start with your ruler foot centered on a guideline. Place the heart so that each edge touches a 90° line but allowing 1/4" for the ruler foot as shown below. Stitch around the bottom of the heart from one 90° line to the other. Do not complete the heart shape. Only use the portion shown. Move and rotate the heart tool to the next quadrant, aligning the 90° lines and the ruler foot. Stitch lower portion again.

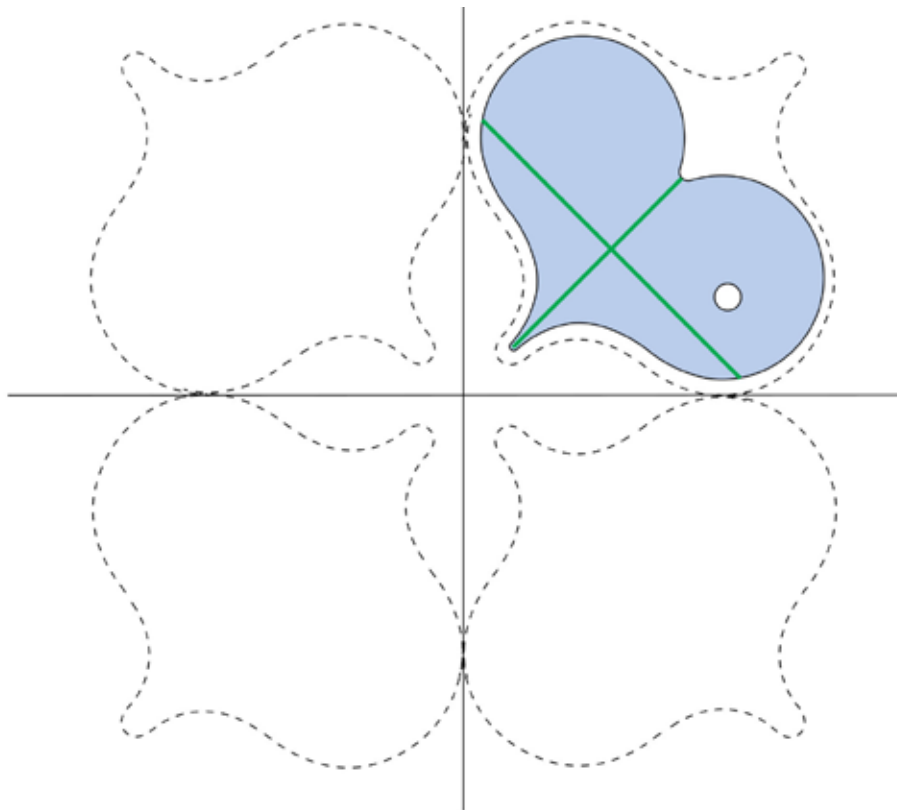


Repeat for all four corners. Stop here or continue for more quilting.



HEART

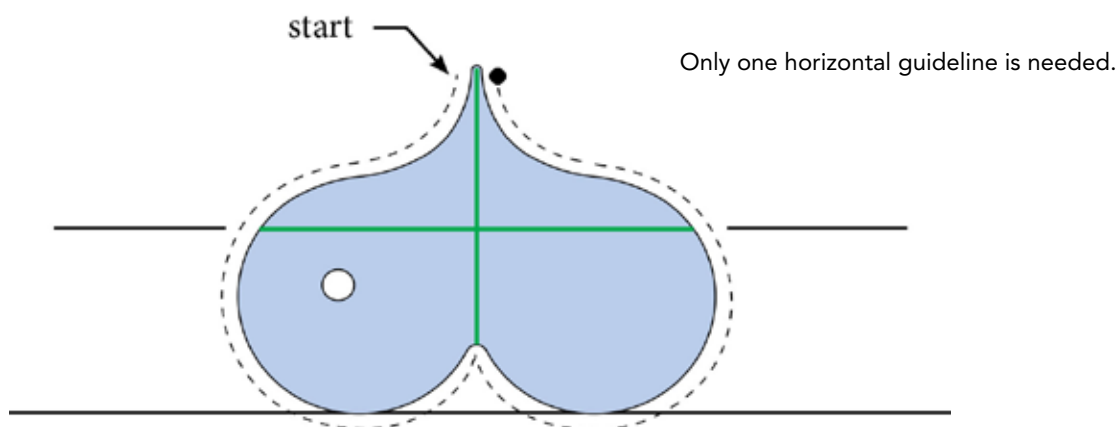
Turn heart 180° so the tip of the heart points towards center and the edge of the heart matches the previously stitched lines. Stitch each quadrant as before to complete the the inside design shown below.



Simple Border Design 1

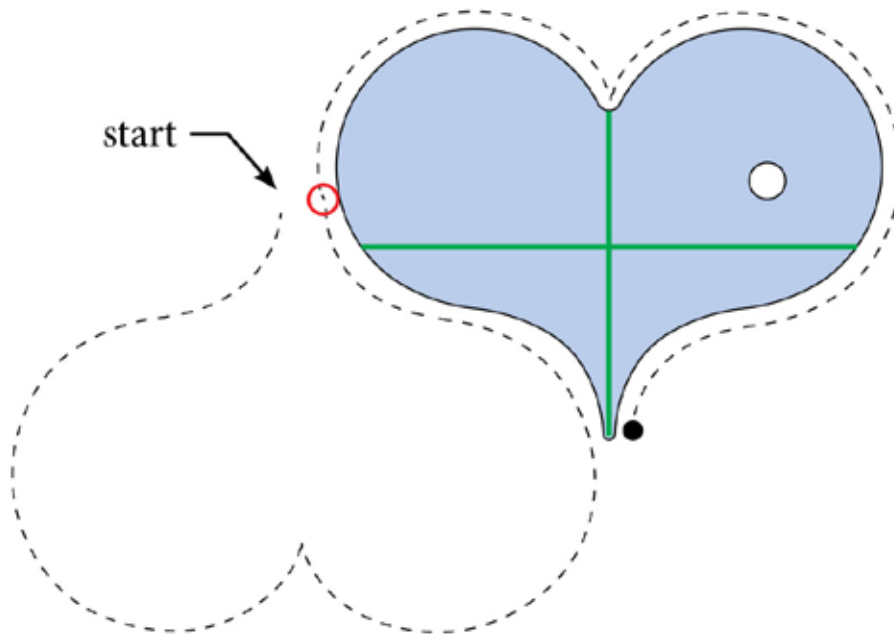
Create a simple border design using the Heart Design Tool. The technique is known as the "Flip Method."

Align heart tool horizontally on a guideline or seam. Start on one side of the heart tip; stitch completely around and stop on the opposite side of the heart tip.

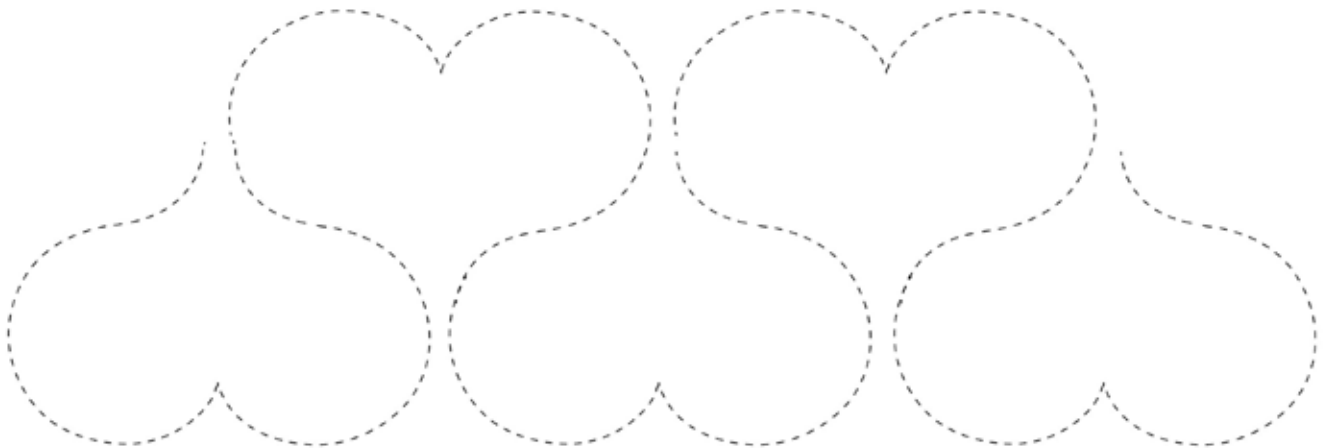


HEART

Flip the template. Align the bottom slope of the template with the bottom slope of the previously stitched heart. Stitch $\frac{3}{4}$ of the way around stopping before you complete the entire tip as shown below. Continue for desired length.

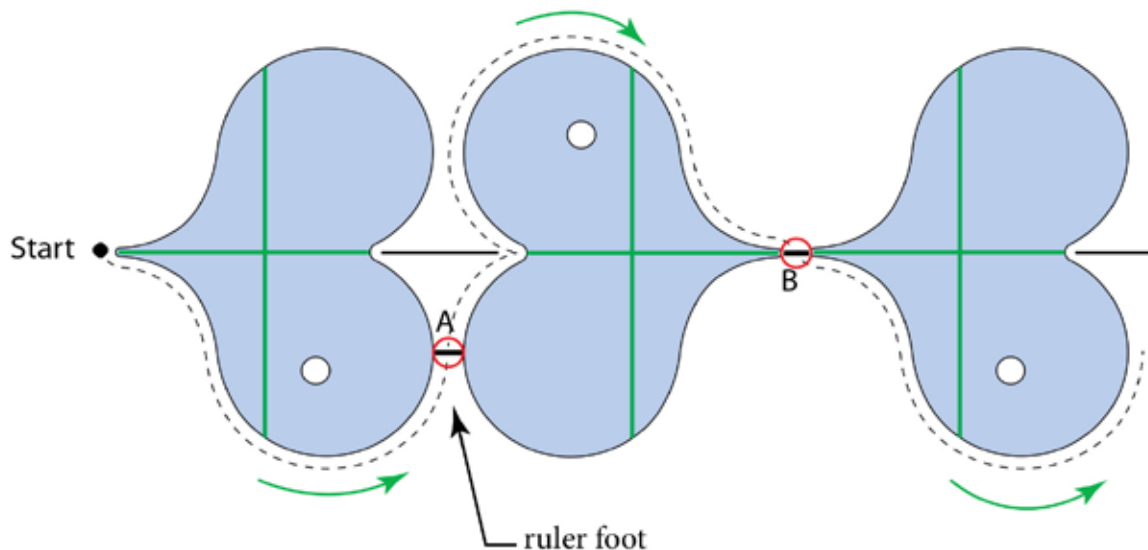


Completed border design.



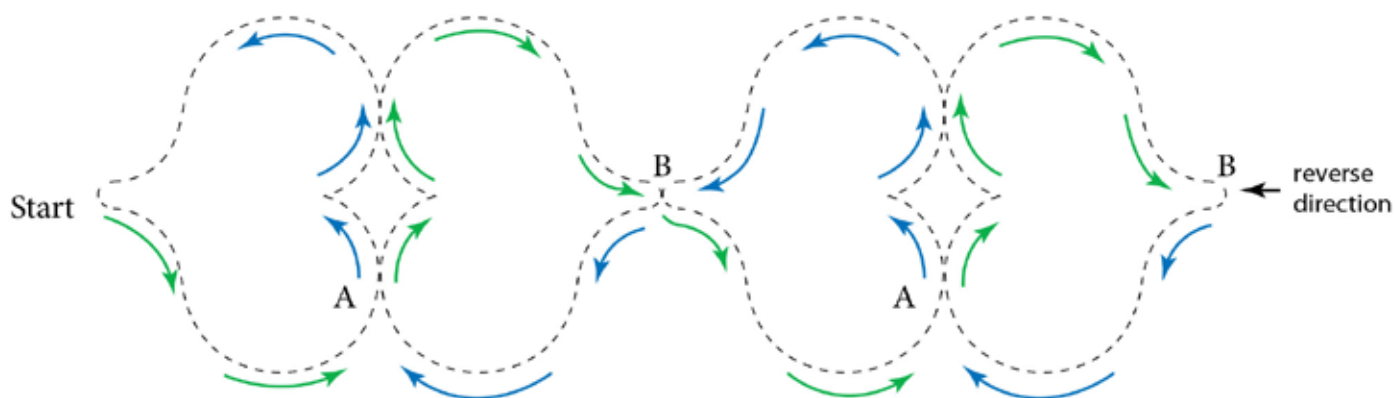
Simple Border Design 2

Start by stitching from start point to A.* Flip template and align tops of heart as shown at point A butting template up against ruler foot. Continue around clockwise (green arrow) to point B. Flip template and align points of hearts. Continue in this manner stitching half of each heart until desired length.

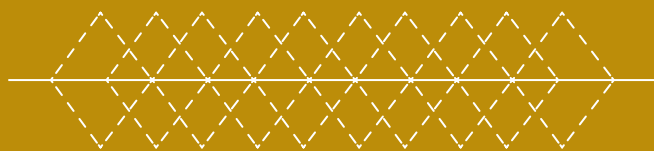


**You may also start with your template in 2nd position, and start stitching from A to B etc.*

When you reach the desired length of your border design at either a point A or B, you will reverse direction or complete that last heart and continue counter-clockwise (blue arrows) working from A to B back to the beginning which will complete the 2nd half of the hearts.



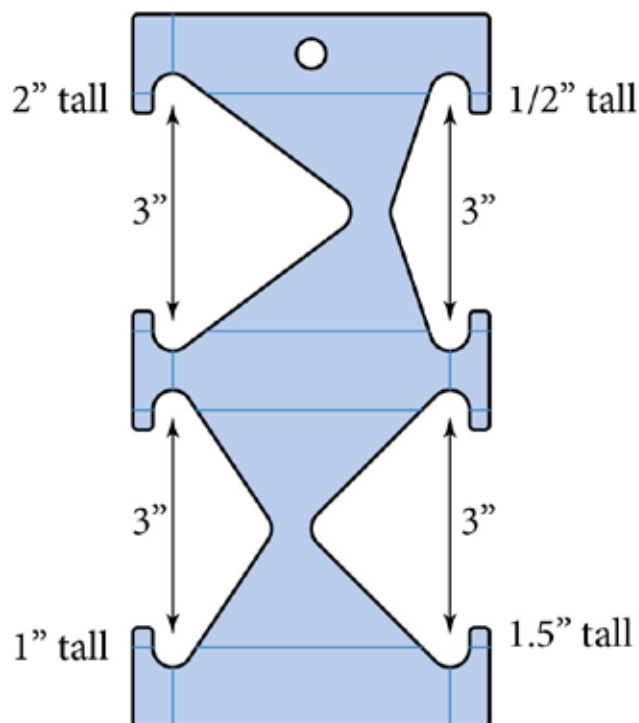
TRIANGULAR CHAIN



Triangular Chain Tool Instructions

The Triangular Chain
Overall size: 4.5" x 9"

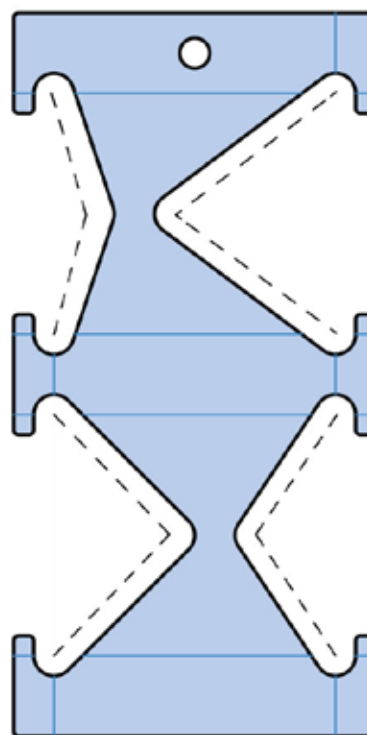
There are 4 triangles that are all 3" wide, but 4 different heights. 1/2", 1", 1.5", and 2" tall.



If you are using the template(s) to quilt around (such as a longarm machine, or high shank home machine), you must use the 1/4" acrylic thickness. **If you are on a low shank home machine, you must use 3/16" acrylic thickness. If you are on a machine that is stationary, you may find it helpful to put some type of agent such as Grip Stop Dots or spray adhesive on the templates. Before using, peel any film/paper masking from the templates so you can see through the clear plastic.*

*Note:

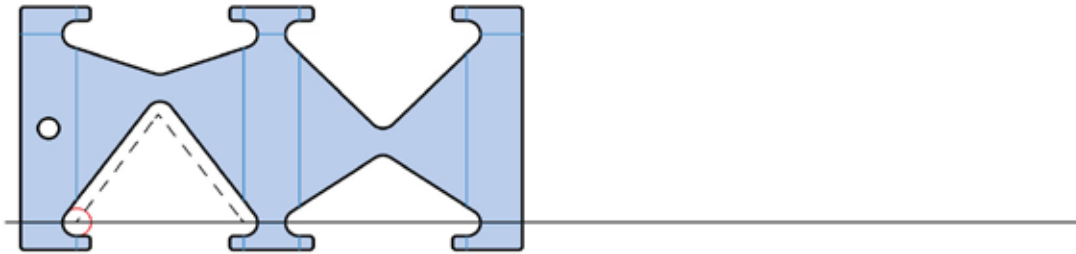
- 1) When using the template(s) to quilt around you must have a ruler foot on your machine as well as a base (such as an extension table or ruler base).
- 2) When using the template(s) to quilt around you will be stitching a 1/2" larger (the width of your foot), or 1/4" wider if only using a portion of the template (the distance from your needle to the outer edge of your foot).



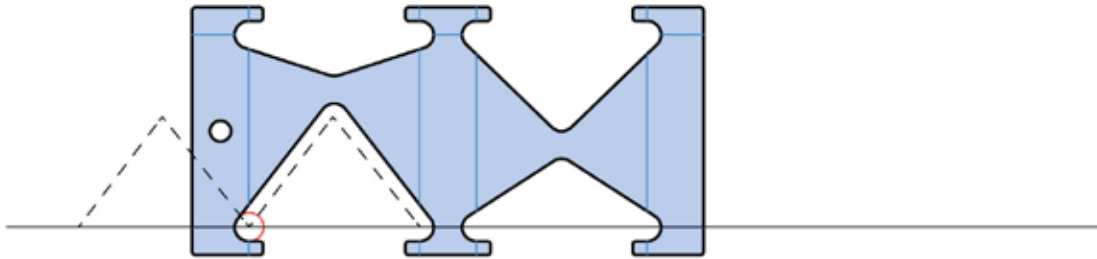
TRIANGULAR CHAIN

Create a Swag Border

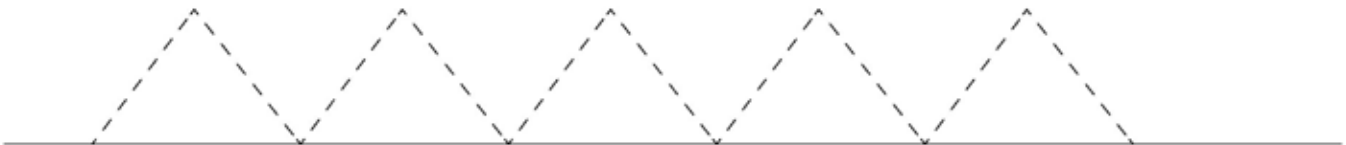
Using either a line drawn (or chalked) on the quilt or a seam, you can create a simple row of triangles. Use the etched lines in the tool to align the largest opening over the seam or line. Place the left hand side of the opening on the foot. Stitch from one end of the opening to the other, with the needle down.



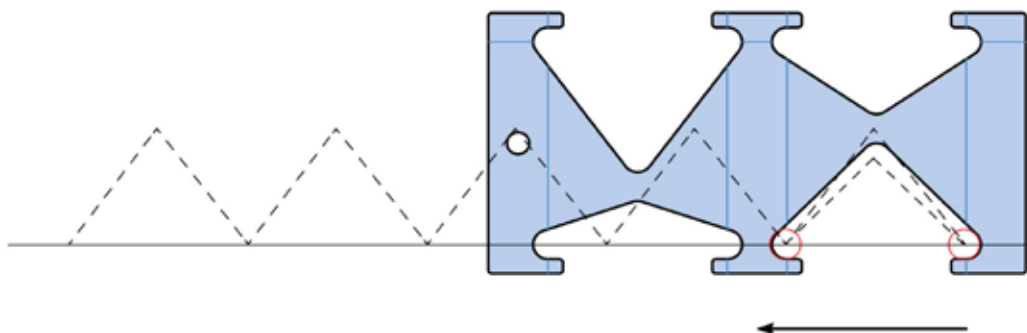
Slide the tool to the right to return to the starting point and repeat to desired length. Needle down.



Completed first row.

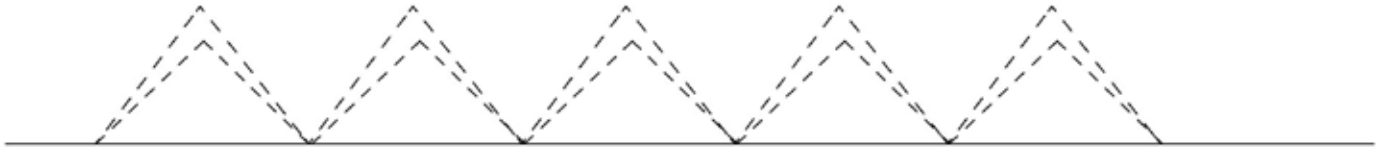


Change to the next size down and align the base of the template to the guideline and stitch in the reverse direction. Move tool to the left and continue to the end of your row.

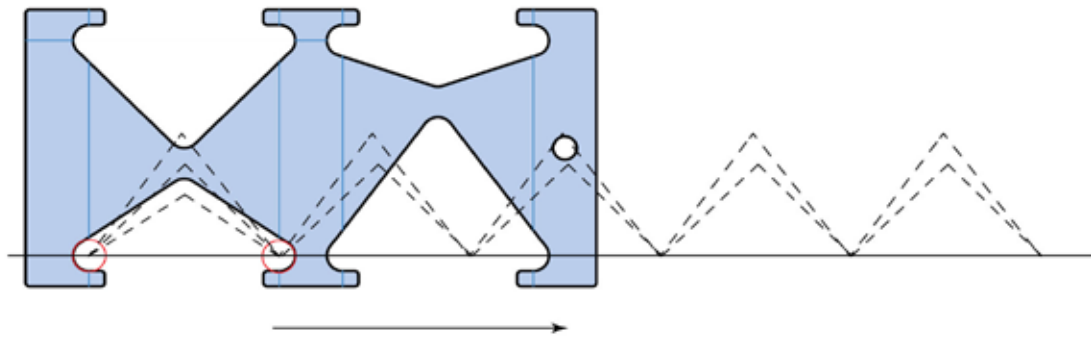


TRIANGULAR CHAIN

Completed second row.



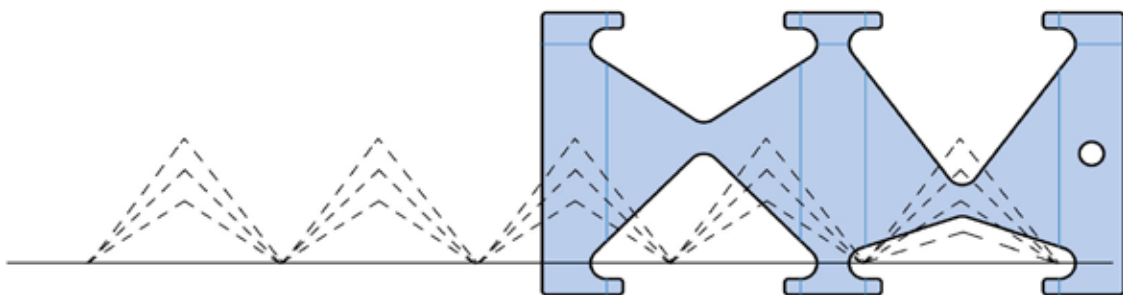
Align the next size opening over the seam or line. Place the left hand side of the opening on the foot. Stitch from one end of the opening to the other. Move template to the right and stitch the next triangle. Repeat to the end of the row, with the needle down.



Completed third row.



Change to the last size triangle and align it to the ruler foot and guideline. Stitch from right to left for this last row of the swag. Move the template to the left, align and stitch. Repeat to the end of the row.



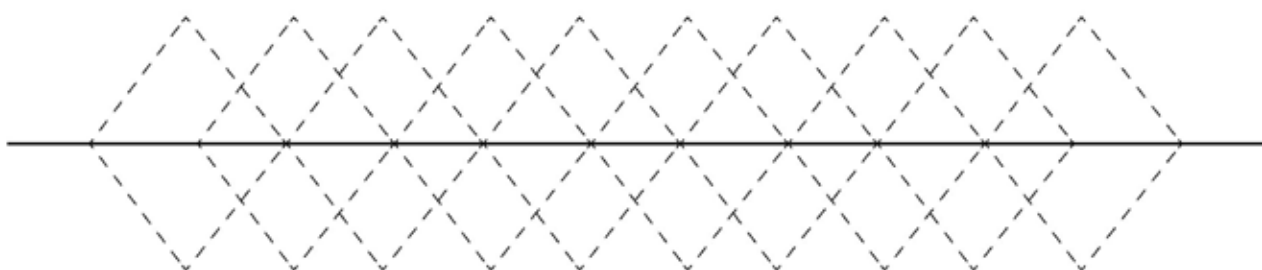
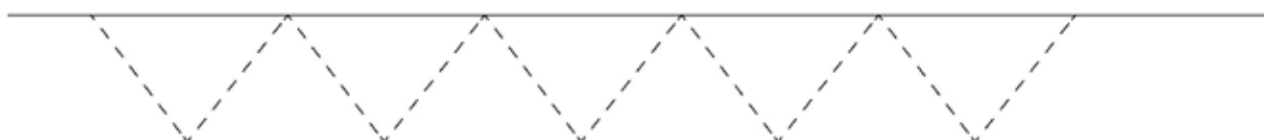
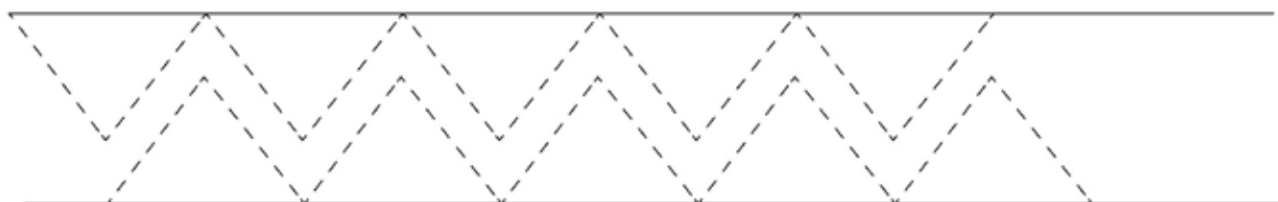
TRIANGULAR CHAIN

Completed swag border.



Variations using a single size

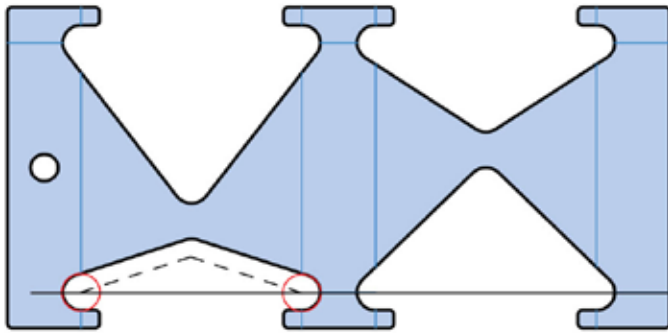
Create a row of stitches on top of the line or below, or combine both for many variations.



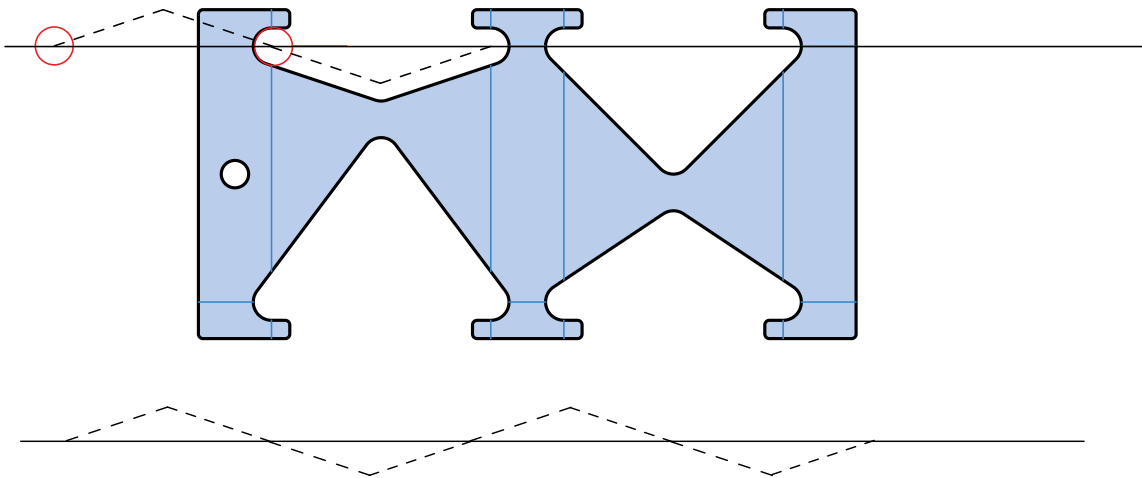
TRIANGULAR CHAIN

Create a Zig Zag Line

Using either a line drawn (or chalked) on the quilt or a seam, you can create a simple zig zag line. Use the etched lines in the tool to align the chosen opening over the seam or line. Place the left hand side of the opening on the foot. Stitch from one end of the opening to the other, with the needle down.



Swing the tool around the foot (using the foot as a pivot point) until the etched lines are again lined up on the quilt. Stitch from one end of the opening to the other. Needle down.



Reverse these steps for a diamond chain.



TRIANGULAR CHAIN

Block Designs

Choose the triangle size that you want. Align the etched lines on the template to one of the seamlines on your block as shown in Illustration 1. Stitch from A to B, with the needle down. Turn template 90°. Fit template to your ruler foot and align to your seamline. Stitch from A to B. See Illustration 2.

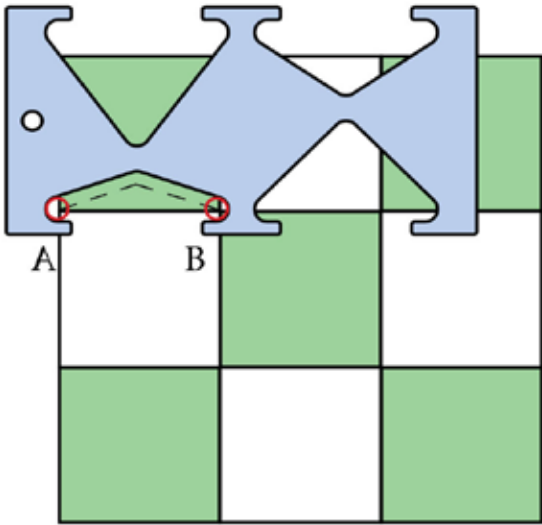


Illustration 1

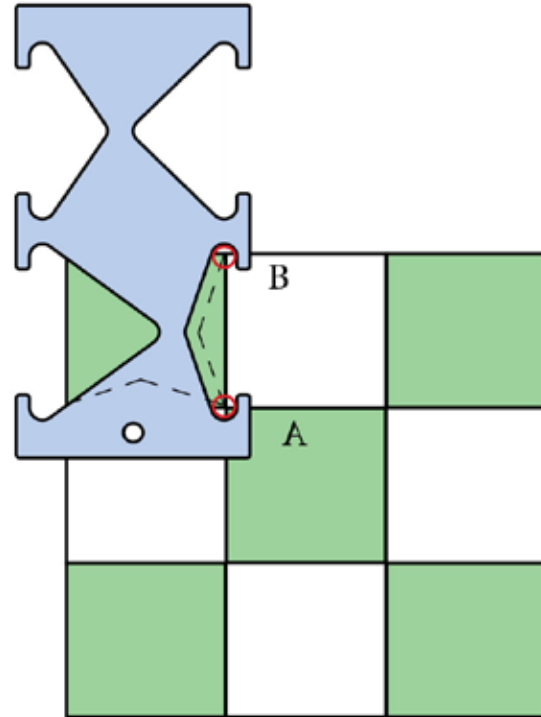
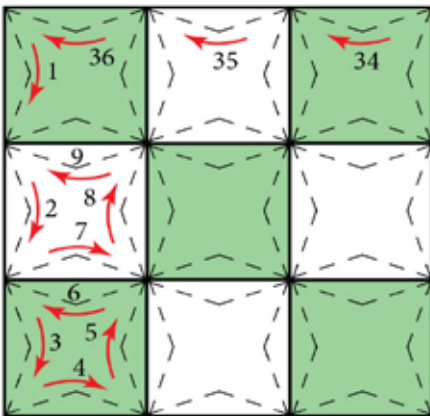


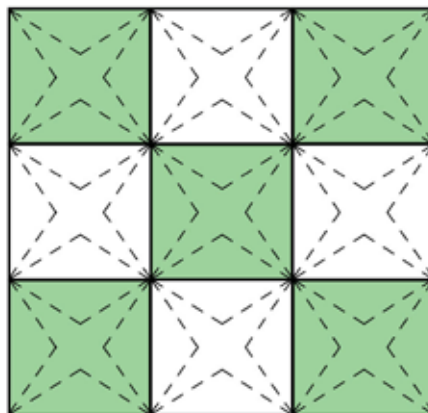
Illustration 2

Continue stitching around the 4 sides of the square. Repeat for the desired design. Follow the red arrows for suggested continuous stitching path.

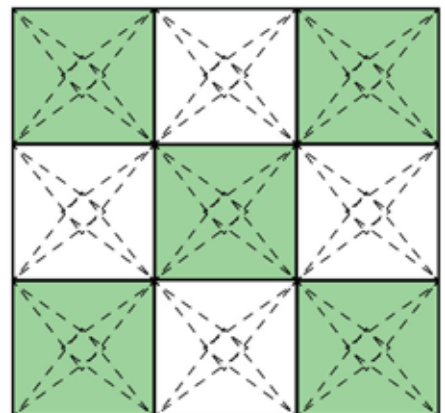
Start 1/2" tall triangle



1" tall triangle



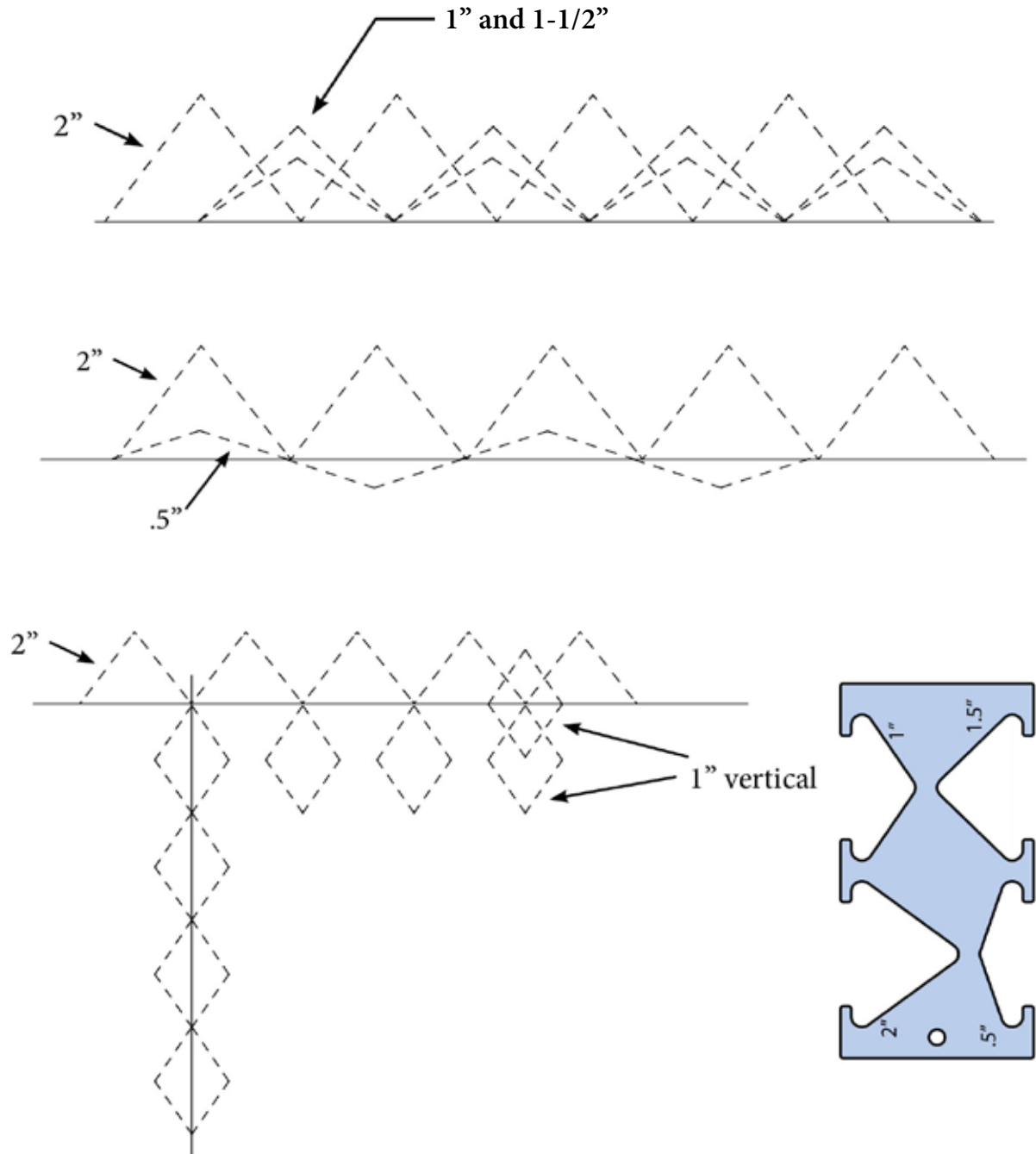
2" tall triangle



TRIANGULAR CHAIN

Variations

Combine different sizes and stagger your starting point for endless design possibilities.



NOTES



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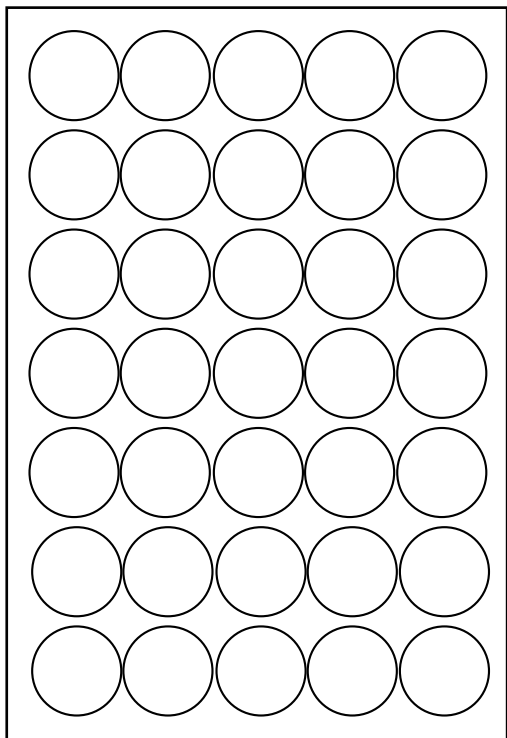
NOTES



FOR THE LOVE OF SEWING

GRIP STOP DOTS

Helps to prevent templates and rulers from slipping on fabric. These low profile clear dots will not interfere with the template but rather will aid in "stability" of the template.



Your Grip Stop Dots are great for:

- Holding templates and rulers to fabric
- Fingertips to aid and grip during needlework
- Replaces the traditional thimble allowing you to work on projects without removing thimble.



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