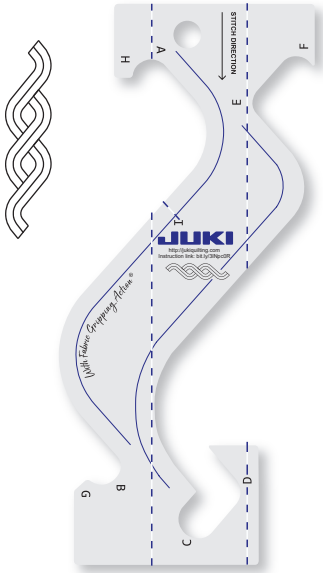


JUKI

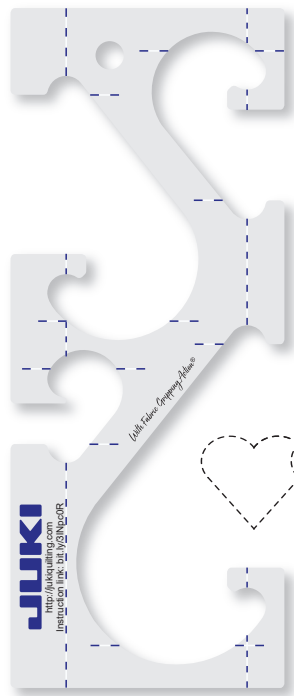
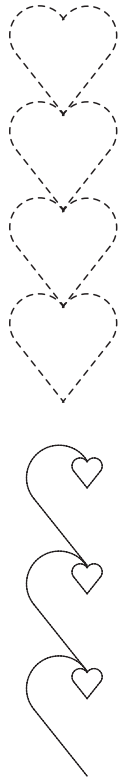


Quality, Vision, Professional

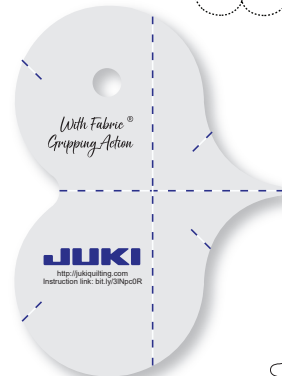
HEARTS AND WINGS INSTRUCTIONS



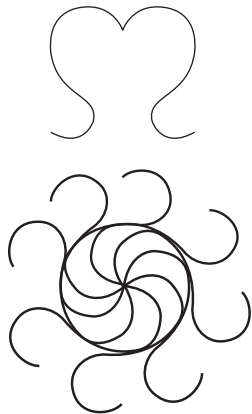
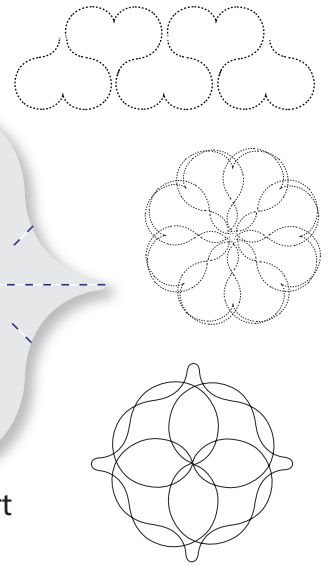
Cable Tool



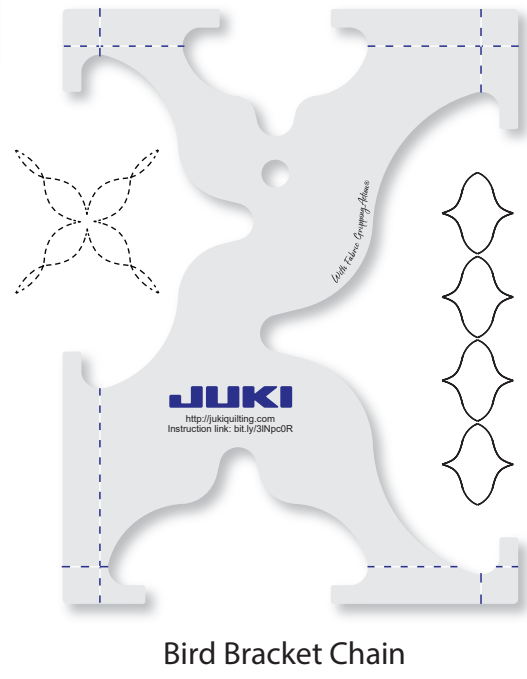
Traditional Heart



Mini Heart



Feathered Heart #1



Bird Bracket Chain



HW-RULER

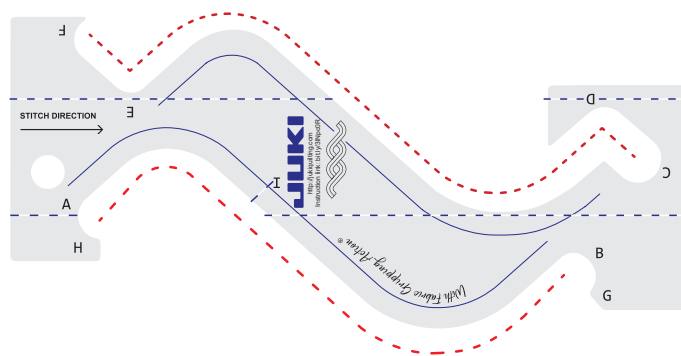
Before You Start

The following set of instructions will be a great starting point for using your templates. Before you start, please make sure you have the correct foot on your machine to use templates (aka rulers). The foot should be 1/2" wide from outside edge to outside edge and it should be tall or "thick" walled. The regular foot on the longarm is currently also the Juki ruler foot. For the TL machines, the ruler foot is #40166729. If you have any questions about the foot on your machine, please contact your Juki dealer.

Notes:

- 1) 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).
- 2) If using templates/rulers on a machine that moves (stand-up or frame), be sure to have the ruler base attached to your machine.
- 3) You may need to start with drawn/chalked guidelines on your quilt if there is no seam where you want the quilting to be placed.
- 4) Make sure your needle will stop in the "needle down" position.
- 5) Lower your feed dogs if you are on a Home Machine.

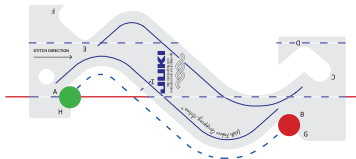
Cable Tool Template



Cable Tool Border Design

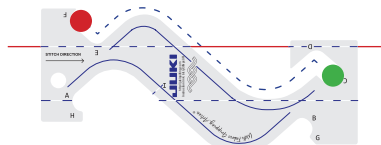
Step 1

Using either a line drawn (or chalked) on the quilt border, you can create a 3" cable stitch. Use the printed dashed registration lines on the tool to align the cable tool on the drawn line on the quilt. Make sure the stitch direction arrow is pointed in the direction of travel. Stitch from point A to point B. Needle down.



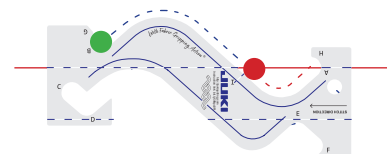
Step 2

Move template to hook C onto the foot and align the printed dashed registration line on the tool with the drawn guideline on the quilt and the solid printed line with the previous stitched line. Stitch from C to D. Be sure to stitch to D and not just around the point (if you stitch around the point you will not have a crisp cable join). Continue to stitch from D to E, then E to F. Needle down.



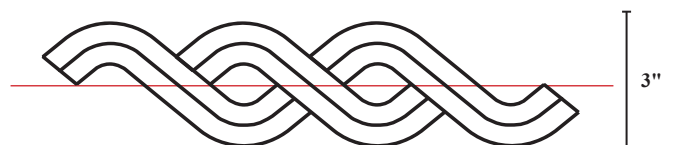
Step 3

Flip the template to align G with your foot. Line up previous stitch line on solid printed line as well as dashed registration line on drawn line on the quilt. Stitch from G to H, then back track to I. Needle down.



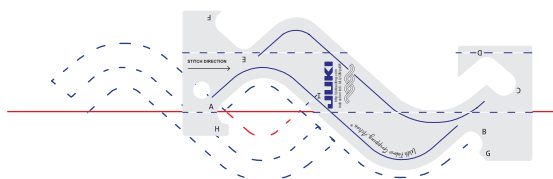
Step 5

Completed cable stitch.

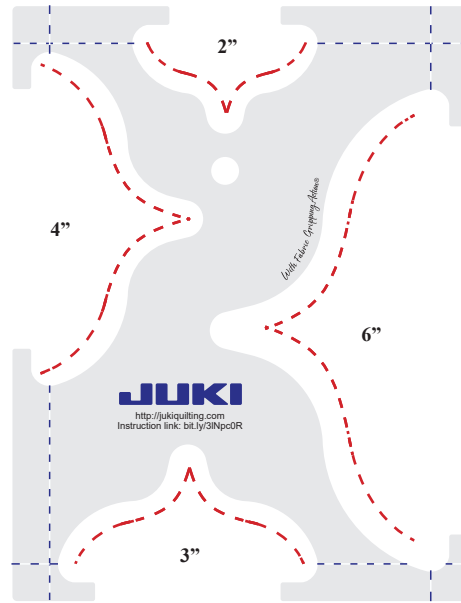


Step 4

Flip template and line up on A. Repeat steps 1 through 4 to finish the cable stitch.



Bird Bracket Tool Template



Bird Bracket Border Design

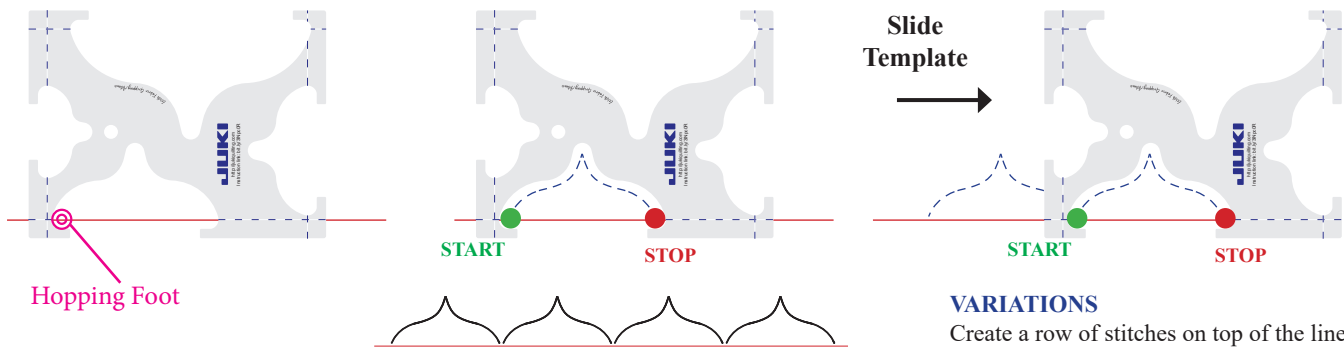
The Bird Bracket Chain is great for quick and easy block and border designs. By working on the “inside” of the template, you will achieve a point in the middle of the design.

Step 1

Use the printed registration lines on the tool to align your 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. Needle down.

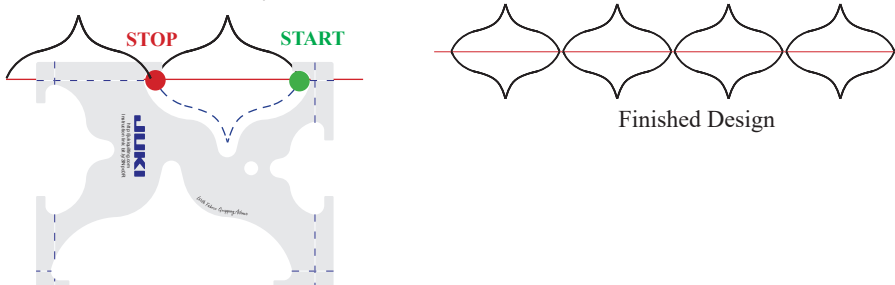
Step 2

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



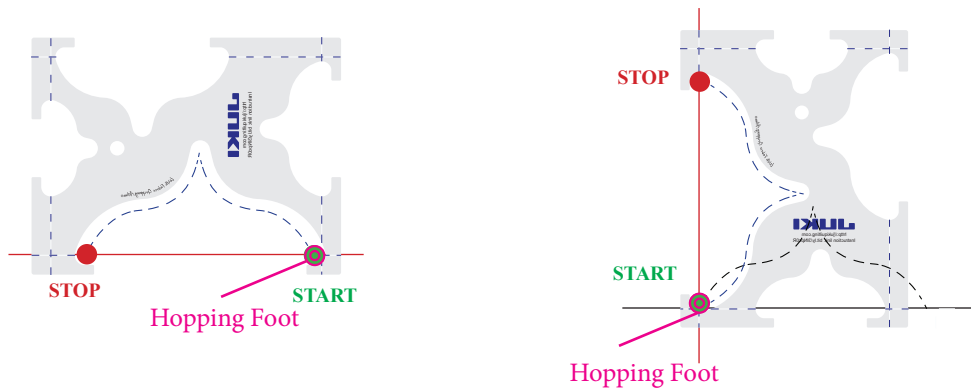
Step 3

Rotate the template 180° 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.

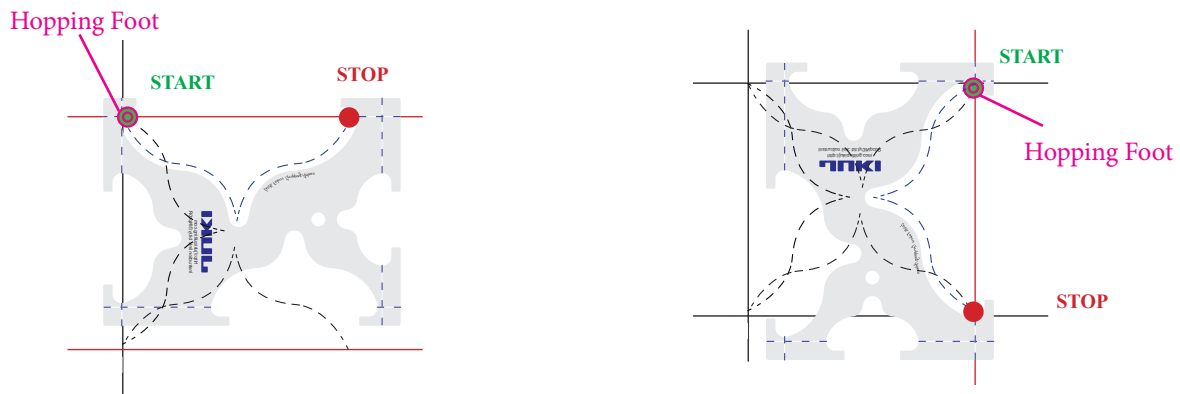


Bird Bracket Block Design

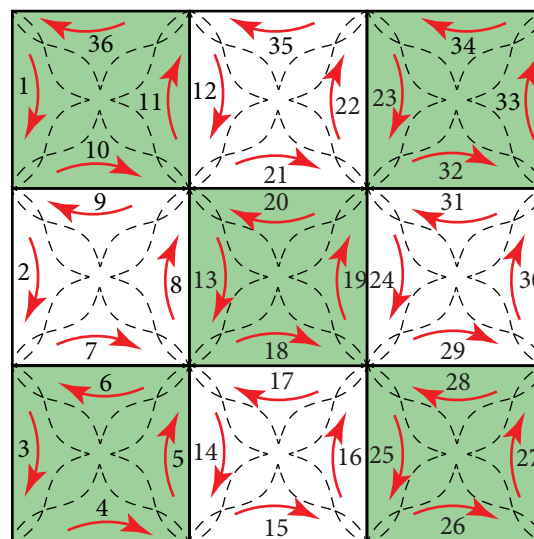
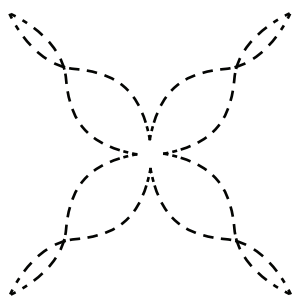
Choose the opening size that you want. Align the printed registration lines on the template to one of the seam lines on your block. Stitch from start to stop. Needle down. Turn the template 90°. Fit template to your ruler foot and align to your seam line. Stitch from start to stop. Use the illustrations below as your guide.



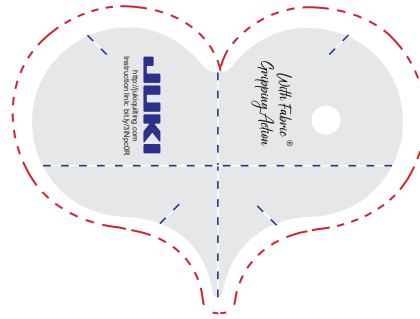
Continue stitching around the 4 sides of the square. Repeat for the desired design. Follow the red arrows for the suggested continuous stitching path such as the 9-patch design below.



Completed single block design.



Mini Heart Tool Template

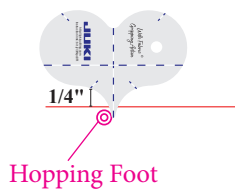


Mini Heart Border Design

Create an elegant border design by “flipping” and “sliding” the Mini Heart down a border.

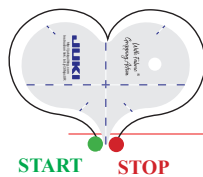
Step 1

Place the Mini Heart with the two diagonal marks closest to the tip $\frac{1}{4}$ ” away from the seam line or a drawn centerline of your border. Be sure the long horizontal line is parallel to the guideline on your fabric. Place the foot on the left side of the tip as shown.



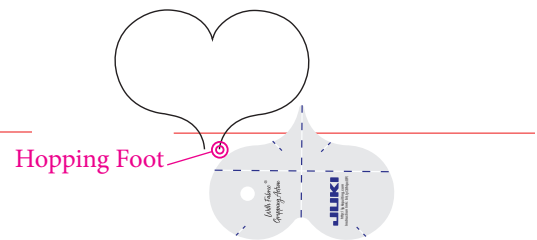
Step 2

Stitch from the left side of the template across the valley to the right side of the tip of the Mini Heart stopping on the seam line, BUT NOT around the tip. Needle down.



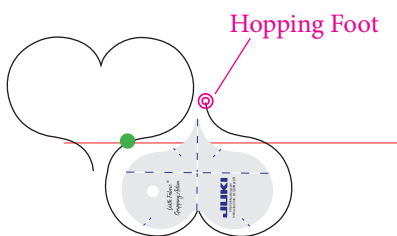
Step 3

Flip the Mini Heart around so that the tip is facing the opposite direction. Slide the template down until the foot is touching the left side of the Mini Heart. The two diagonal marks closest to the tip should be a $\frac{1}{4}$ ” away from the seam line or drawn centerline and the template should be “nestled” into the stitch line as shown. The long horizontal line should be parallel to the seam/drawn line.



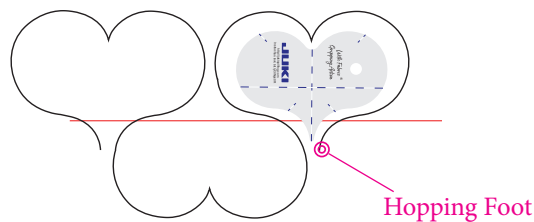
Step 4

Stitch from the left side of the template across the valley to the right side of the tip of the Mini Heart stopping on the seam line, BUT NOT around the tip. Needle down.



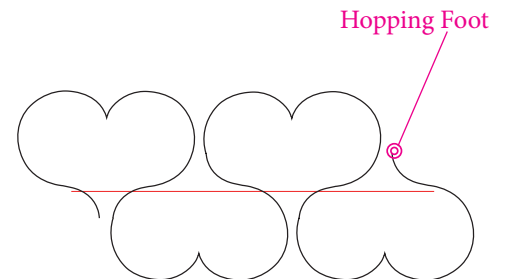
Step 5

Flip the Mini Heart around so the tip is facing the opposite direction. Slide the template down until the foot is touching the side of the Mini Heart. The two diagonal marks closest to the tip should be $\frac{1}{4}$ ” from the seam line or drawn centerline and the template should be “nestled” into the stitch line as shown. The long horizontal line should be parallel to the seam/drawn line.

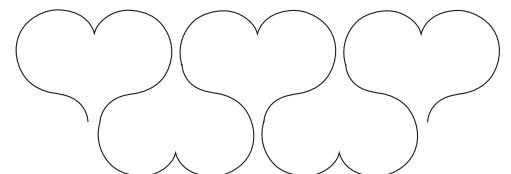


Step 6

Stitch from the left side of the template across the valley to the right side of the tip of the Mini Heart stopping on the seam line, BUT NOT around the tip. Needle down.



Continue to “flip” and “slide” your template until length desired.

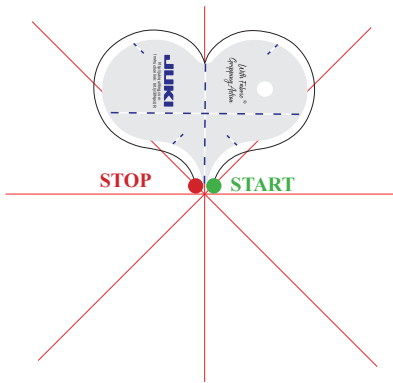


Mini Heart Block Design 1

Create two simple, yet effective block designs using an 8-point grid and “rotating” the Mini Heart around a center point.

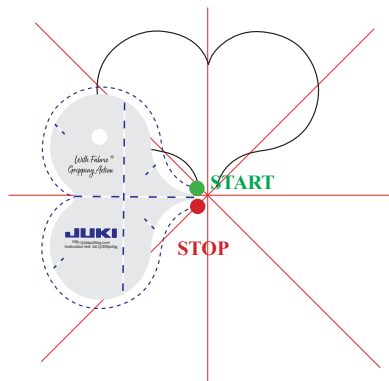
Step 1

Place the Mini Heart with the tip touching the center of the block and the valley on the top vertical line aligning the registration line on the template with the guideline on the block. The foot should be on the diagonal line where it can touch the template near the tip. Stitch from one side of the tip, across the valley, to the other side of the tip, stopping on the diagonal line. Do NOT go around the tip. Needle down.



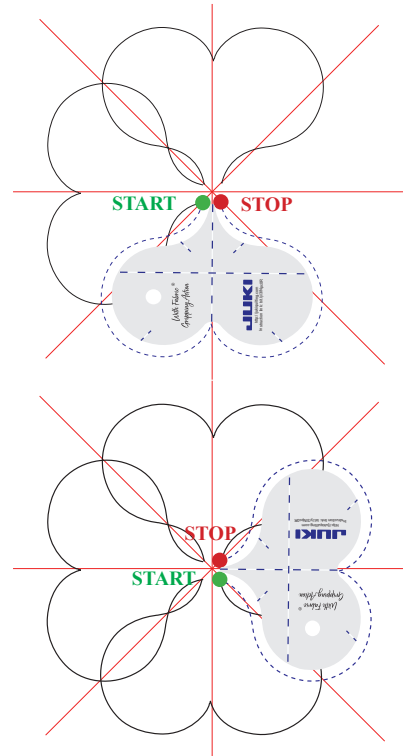
Step 2

Rotate the Mini Heart to the left horizontal line. With the template touching the foot, make sure the tip points to the center and the valley is on the horizontal line, aligning the registration line on the template with the guideline on the fabric. Stitch from one side of the tip, across the valley, to the other side of the tip, stopping on the diagonal line. Do NOT go around the tip. Needle down.



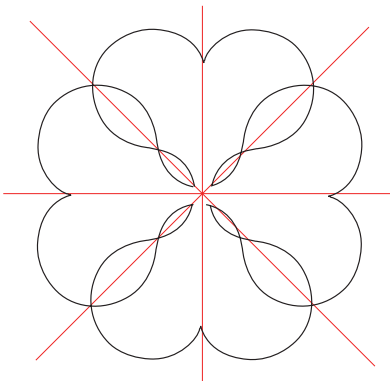
Step 3 & 4

Repeat rotating template and stitching for the bottom vertical and the right horizontal lines.



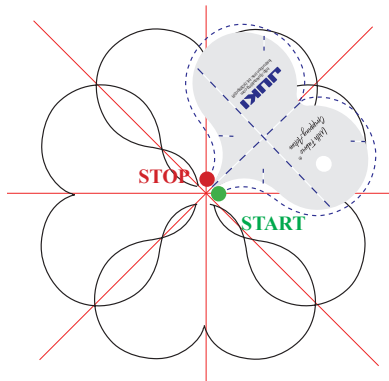
Step 5

When you finish stitching the right horizontal you will be back where you started. You can stop here, or repeat the steps on the diagonal lines.



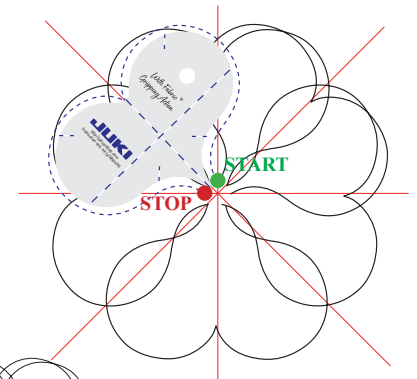
Step 6

Place the Mini Heart with the tip touching the center of the block and the valley on the right upper diagonal line lining up the registration line on the template with the guideline on the block. The foot should be on the right horizontal line where it can touch the template near the tip. Stitch from one side of the tip, across the valley, to the other side of the tip, stopping on the upper vertical line. Needle down.



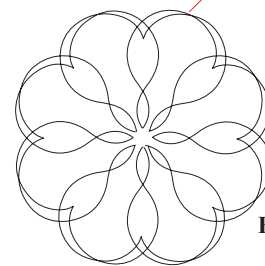
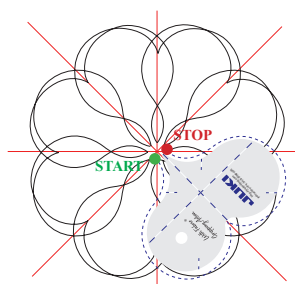
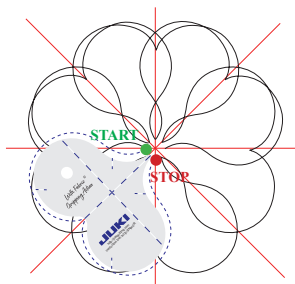
Step 7

Rotate the Mini Heart to the upper left diagonal line. With the template touching the foot, make sure the tip points to the center and the valley is on the diagonal line, lining up the registration line on the template with the guideline on the fabric. Stitch from one side of the tip, across the valley, to the other side of the tip stopping on the left horizontal line. Needle down.



Step 8 & 9

Repeat rotating template and stitching for the bottom left diagonal and then the bottom right diagonal.



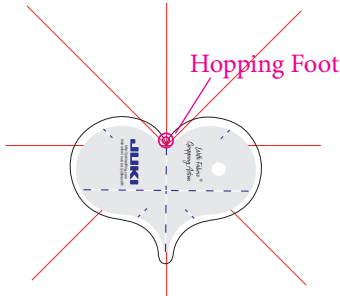
FINISHED DESIGN

Mini Heart Block Design 2

Create a stunning block design using an 4-point grid and “rotating” the Mini Heart around a center point.

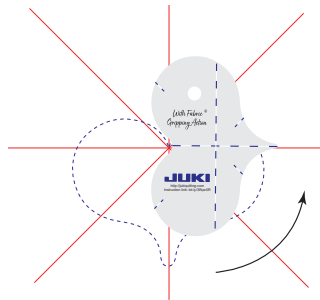
Step 1

Place your foot in the center of the block. Position the Mini Heart with the valley touching the foot and tip facing away from the center on the vertical line. Align the registration line on the template with the guideline on the block. Stitch from the center all the way around the tip and back to the center. Needle down.



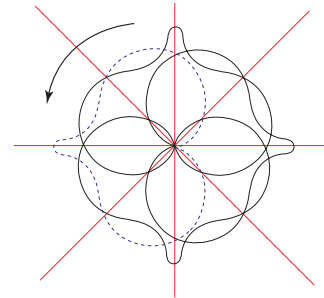
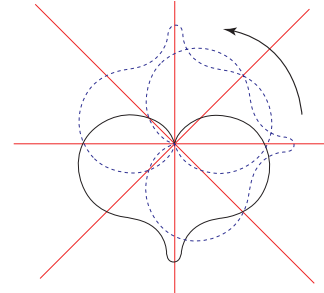
Step 2

Keeping the valley of the Mini Heart touching the foot, rotate the template until the tip of the Mini Heart is on the left horizontal line. Make sure the registration line on the template is aligned with the guideline on the block. Stitch from the center all the way around the template and back to the center. Needle down.

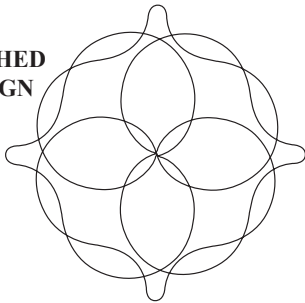


Step 3 & 4

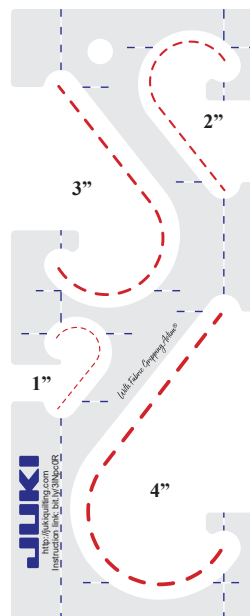
Repeat rotating and stitching for the upper vertical and left horizontal lines.



FINISHED DESIGN



Traditional Heart Template

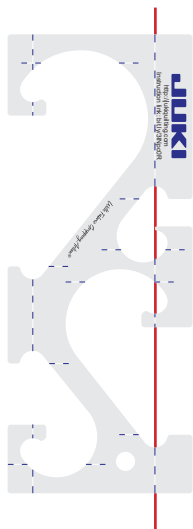


Traditional Heart Border Design 1

The Traditional Heart Tool is designed to allow machine quilters to quilt a heart with a point at the valley AND the tip. This tool will make 1", 2", 3" and 4" hearts.

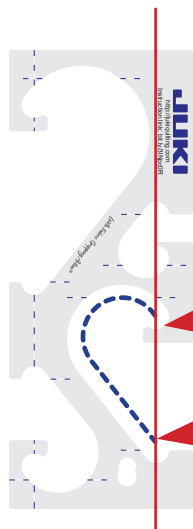
Step 1

Use either a line drawn (or chalked) on the quilt or a seam to create a Basic Heart. Use the printed registration lines on the tool to align the chosen size heart over the line or seam.



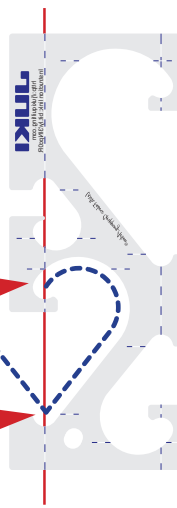
Step 2

Starting at the valley of the heart, sew to the tip of the heart. Needle down.



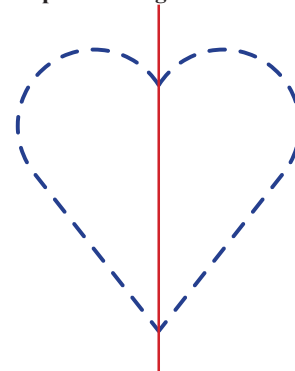
Step 3

Flip* the Heart template over. Start from the tip and stitch to the valley for a complete heart.



***Note:** The top side of the template will be touching your fabric and you will be holding the bottom side. As our Fabric Gripping Action coating is not on the top side of the template, you may want to add your favorite method for adding grip to templates and rulers; i.e., Grippy, double sided tape, skateboard tape, sandpaper dots, etc.

Completed Design

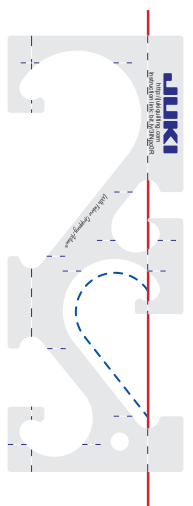


Traditional Heart Border Design 2

For vertical borders, simply stitch half of the heart on the way down the border and finish the heart on the way up.

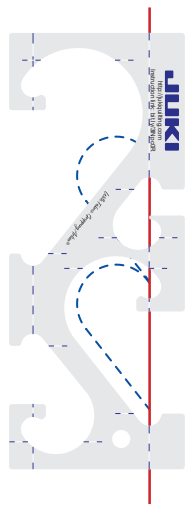
Step 1

Mark a center guide line on border. Aligning the template's printed registration lines with guide line, start at the valley and stitch to the tip. Needle down.



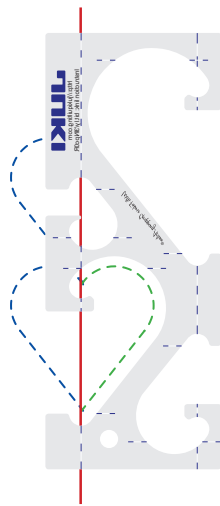
Step 2

Slide template down so the hopping foot is at the valley. Stitch from the valley to the tip. Needle down.



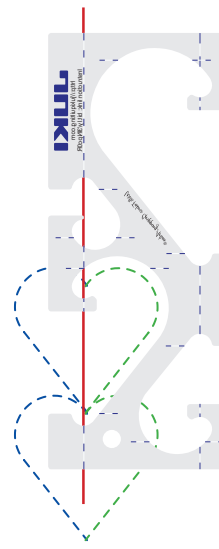
Step 3

Continue these steps until you complete the length of the border. Needle down. To complete the heart flip* the template and stitch from the tip to the valley.

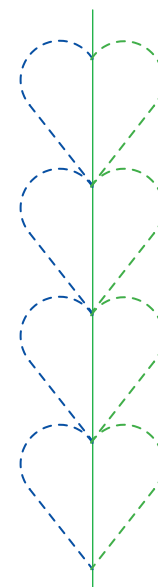


Step 4

Continue until all the hearts are completed.



Completed Design



Traditional Heart Border Design 3

For horizontal borders, start by following the steps for the Basic Heart

TIP: Use a piece of painter's tape as a guide for backtracking. This can also be helpful for placement if using a guide line to keep the hearts straight in a row.

Step 1

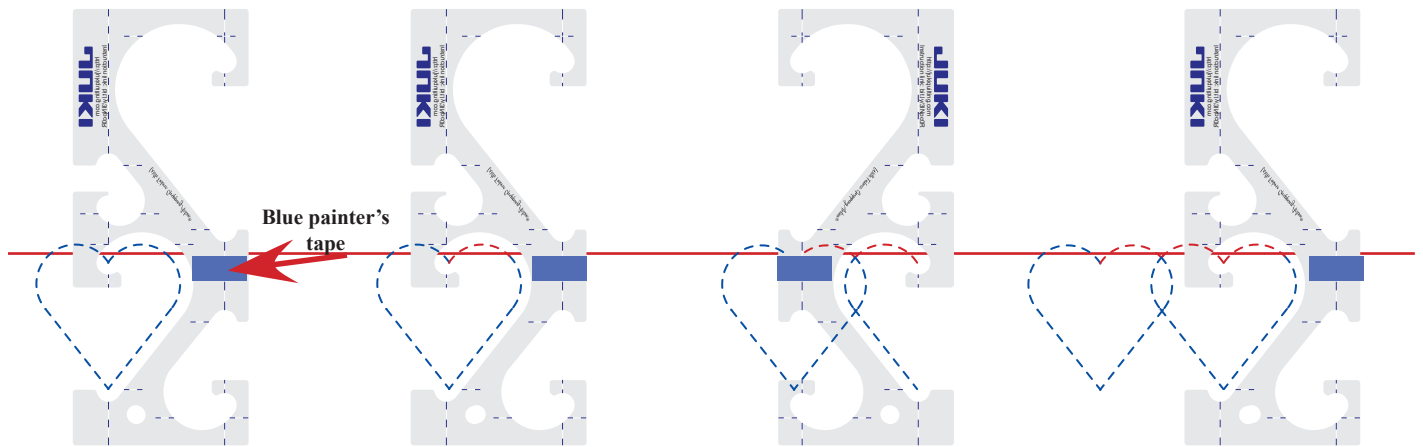
Mark or tape your template where you wish to interlock the hearts. You can choose how much to interlock the hearts by how much you backtrack the stitching (backtracking shown in red). From the valley, backtrack to your mark

Step 2

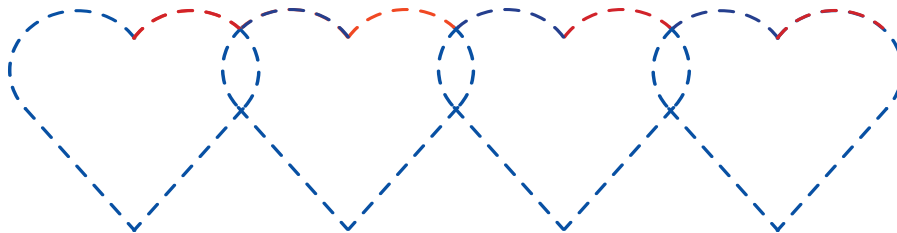
Flip template*, stitch to valley, backtrack and stitch to tip

Step 3

Flip template over. Start from tip and stitch to valley and then backtrack to your mark.



Completed Design



***Note:** The top side of the template will be touching your fabric and you will be holding the bottom side. As our Fabric Gripping Action coating is not on the top side of the template, you may want to add your favorite method for adding grip to templates and rulers; i.e., Grippy, double sided tape, skateboard tape, sandpaper dots, etc.

Hanging Heart Border Design

Step 1

Start with the 1" heart aligning the printed lines along a guide line or seam. Stitch from the valley to the tip. Needle down.

Step 2

Flip the template over (see note on previous page), aligning the printed lines again for the 1" heart. Stitch from the tip to the valley. Needle down.

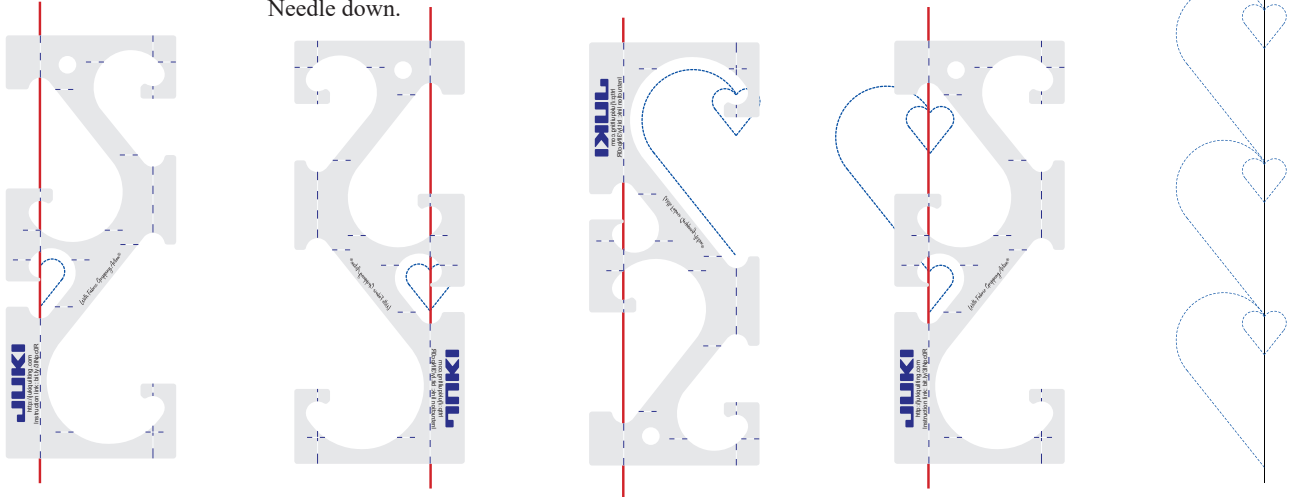
Step 3

Rotate template to the 4" heart, aligning the printed lines with the guide line or seam. Stitch from the valley to the tip. Needle down.

Step 4

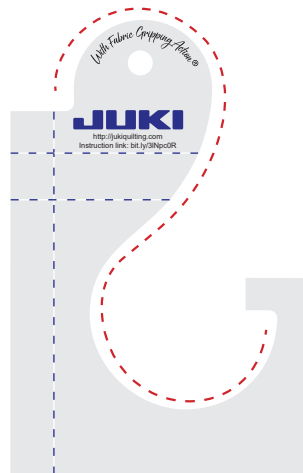
Flip the template over aligning and repeat Steps 1 - 3 until you reach the desired length.

Completed Design



Variation: Alternatively, you can stitch half a heart on opposite sides of the center line for one variation. For a second variation, stitch back up the border completing the large heart to create a heart inside of a heart border.

Feathered Heart Template



Feathered Heart Block Design 1

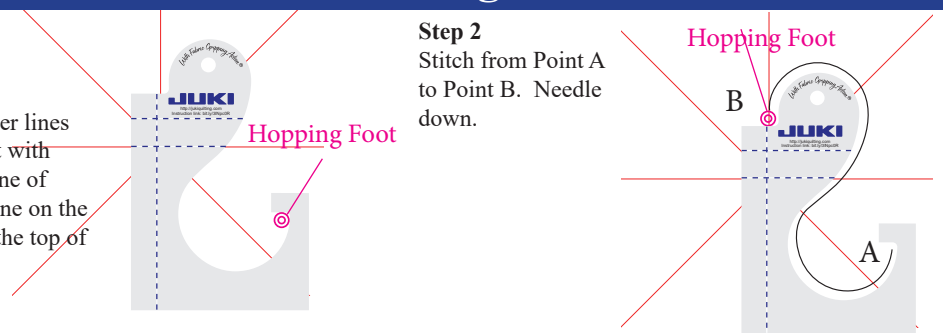
Create a Feather Heart to fill a Block.

Step 1

Mark your block with vertical and horizontal center lines with a stencil or rulers. Place the Feathered Heart with the long vertical registration line on the vertical line of your block and the lower horizontal registration line on the horizontal line on your block. Place your foot at the top of the bottom tail as shown.

Step 2

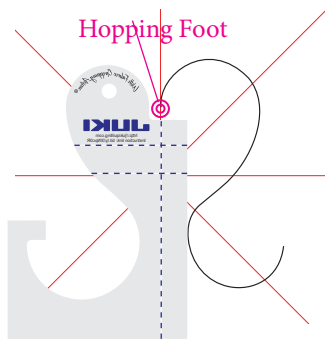
Stitch from Point A to Point B. Needle down.



Feathered Heart Block Design 1

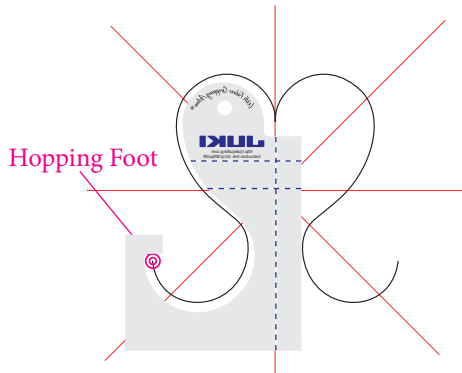
Step 3

Flip the template from right to left*. The vertical registration line on the template should be aligned with the vertical line on your quilt and the lower horizontal registration line on the template should be aligned with the horizontal line in your block.



Step 4

Stitch from Point B to Point A. Needle down.



***Note:** The top side of the template will be touching your fabric and you will be holding the bottom side. As our Fabric Gripping Action coating is not on the top side of the template, you may want to add your favorite method for adding grip to templates and rulers; i.e., Grippy, double sided tape, skateboard tape, sandpaper dots, etc.

Feathered Design



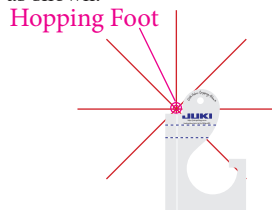
Variation: If you use the top horizontal line, the heart will be lower allowing for larger feathers on top and no feathers below the flipped bottom.

Feathered Heart Block Design 2

Create a geometric block design by “rotating” the Feathered Heart around an 8-point block.

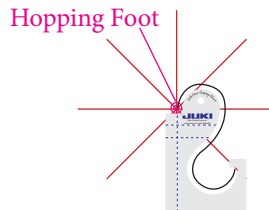
Step 1

Mark your block with crosshairs and diagonal lines using a stencil or rulers. Place your foot in the center of the block. Place the Feathered Heart with the top against the foot and the long vertical registration line aligned with the vertical line on the quilt as shown.



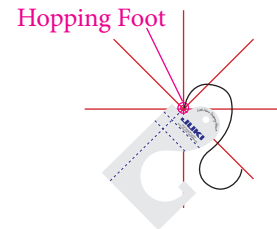
Step 2

Stitch from the center out to the tip and back to the center. Needle down.



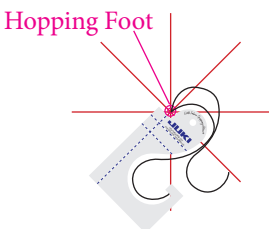
Step 3

While keeping the Feathered Heart template against the foot, rotate the template so that the long vertical registration line aligns with the diagonal line as shown.



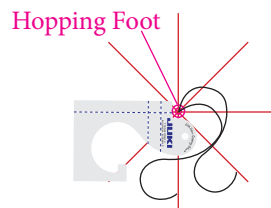
Step 4

Stitch from the center out to the tip and back to the center. Needle down.



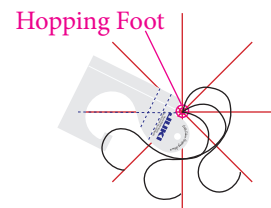
Step 5

While keeping the Feathered Heart template against the foot, rotate the template so that the long vertical registration line aligns with the horizontal line as shown.



Step 6

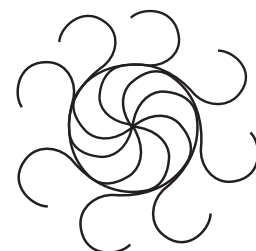
Stitch from the center out to the tip and back to the center. Needle down.



Step 7

Continue to rotate and stitch until you have done all 8 points.

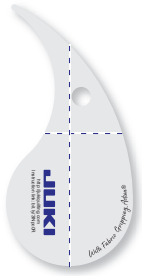
Finished design



GET AVAILABLE RULER KITS

Tears and Tails

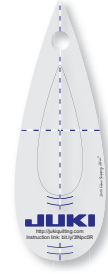
PART# TT-RULER



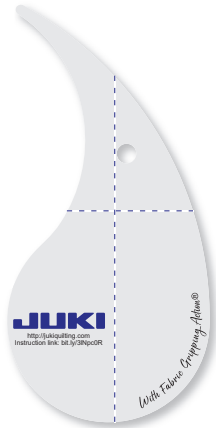
Mini Teardrop



Nautilus Baby Long Tail



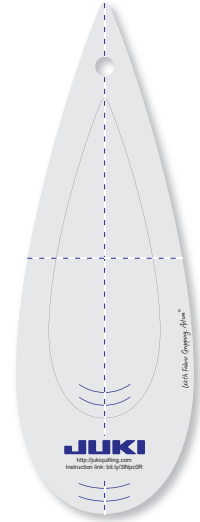
Mini True Teardrop



Small Teardrop



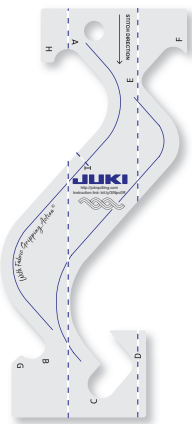
Nautilus Long Tail



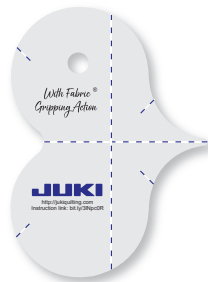
Small True Teardrop

Hearts and Wings

PART# HW-RULER



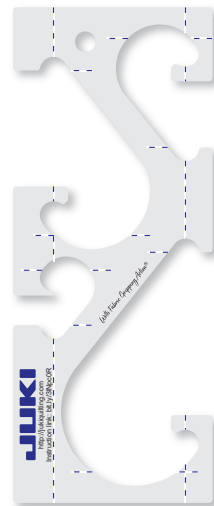
Cable Tool



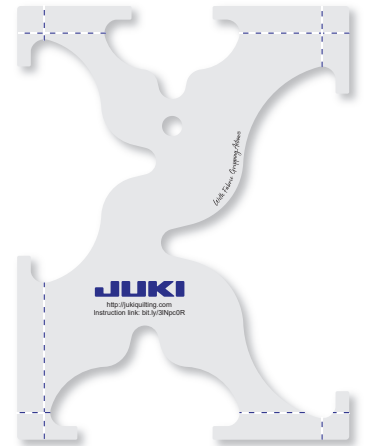
Mini Heart



Feathered Heart#1



Traditional Heart



Bird Bracket Chain