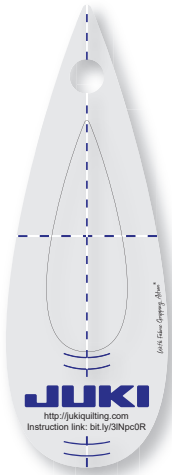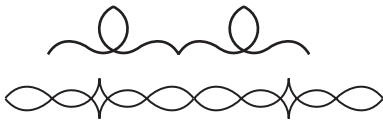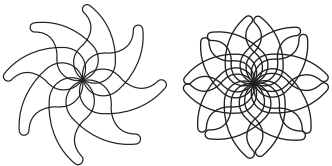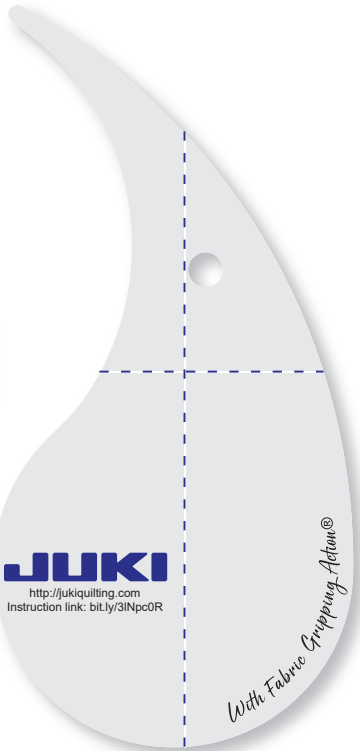# JUKI QVP
Quality, Vision, Professional

TEARS AND TAILS INSTRUCTIONS

Mini Teardrop

Small Teardrop

Nautilus Baby Long Tail

Mini True Teardrop

Small True Teardrop
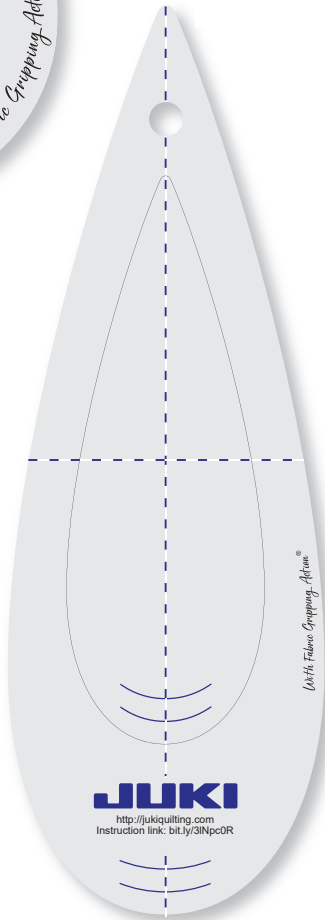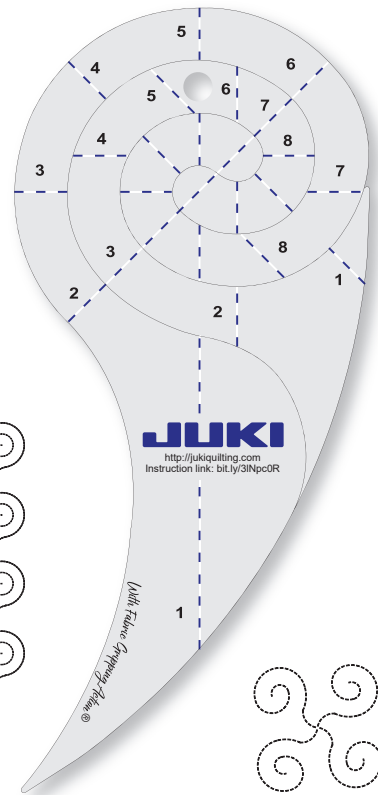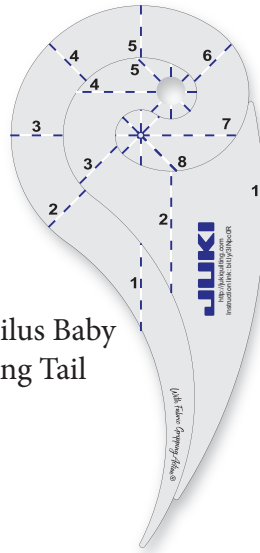
Nautilus Long Tail
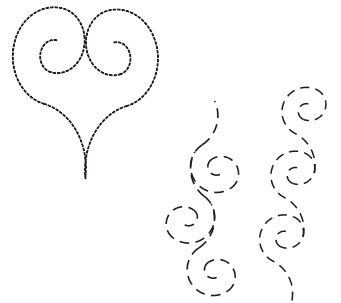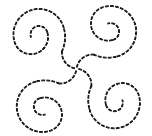
TT-RULER

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 ½" 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.

Notes:
1) When using the template to quilt around you will be stitching ½" larger (the width of your foot) when stitching completely around the template, or ¼" 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.
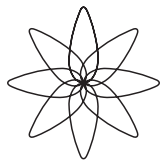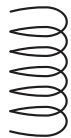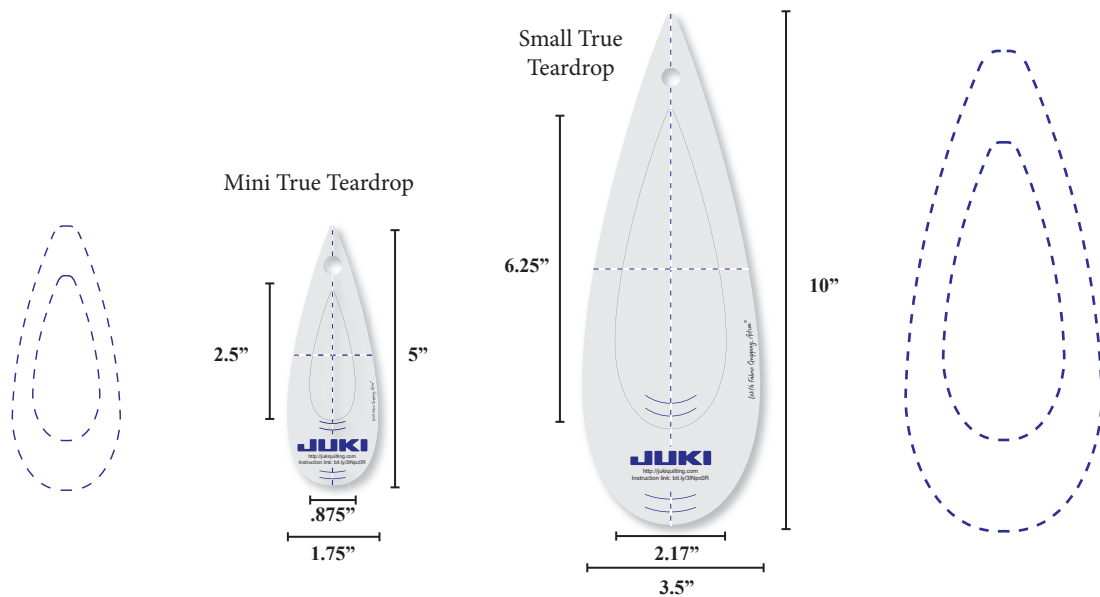5) Lower your feed dogs if you are on a Home Machine.

True Teardrop Templates

Small True Teardrop

Mini True Teardrop
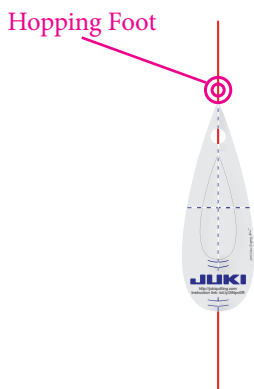
2.5"   5"

.875"
1.75"

6.25"

2.17"
3.5"

10"

True Teardrop Border Design 1

Create a simple but effective border design by sliding the True Teardrop down the center of a border or on the seam of a border.

Step 1
Align the True Teardrop with the seam line or a drawn center guideline.

Step 2
Start the foot at the top of the template and stitch down to the bottom of the template bottom of the template stopping on the seam line or guideline. Needle down.
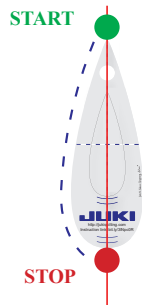
Step 3
Slide the template down the guideline until the top of the template can be aligned with the foot, while keeping the vertical guideline aligned with the seam or drawn line

Hopping Foot

START

STOP
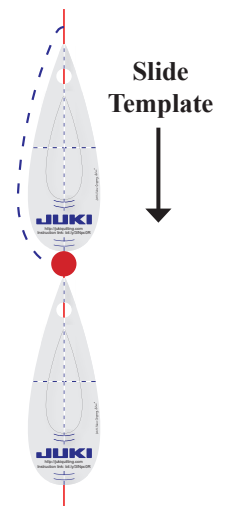
Slide Template

True Teardrop Border Design 1

Step 4
Stitch from the top of the template to the bottom on the **opposite** side previously stitched stopping on the seam line or guideline.
Needle down.
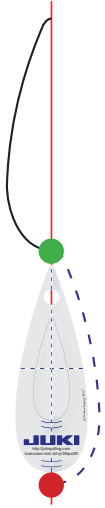
Step 5
Continue to slide the template down crossing the guideline each time until you reach the length you desire **Without** moving the template stitch to the top of the template, stopping on the seam line or guideline.
Needle down.

Step 6
Slide the template up the guideline until the bottom of the template can be aligned with the foot while keeping the vertical registration line aligned with the seam or drawn line.

Step 7
Stitch from the bottom of the template to the top. Needle down. Continue sliding the template up the border stitching as you go until you reach the beginning of your border.

Slide Template

Variation 1
Try flipping the template from top to bottom down the border.
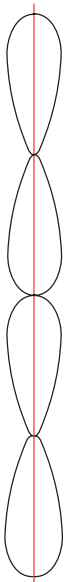
Variation 2
Starting with the design from step 7, place the template half way down the first stitched teardrop and repeat the whole design to create an interlocking chain.

True Teardrop Border Design 2

Create a simple but effective border design by only using a portion of the True Teardrop while "sliding" the template on a border.
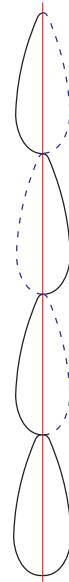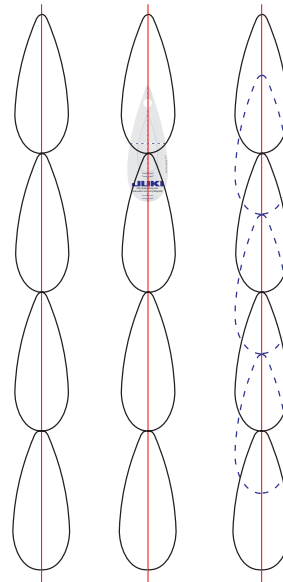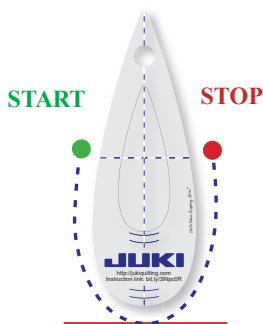
Step 1
Align the True Teardrop with the rounded bottom edge a ¼" from the seam line or drawn guideline.

Step 2
Start the foot at the horizontal blue and white guideline on the left side. Stitch counter-clockwise down around the rounded bottom edge and stop at the blue and white guidelines on the right side. Needle down.

Step 3
Slide your template to the right until the left side of the template can be aligned with the foot. Remember to keep the rounded bottom edge ¼" from the seam line or drawn guideline.

1/4"

Hopping Foot

START   STOP

Slide Template

START   STOP
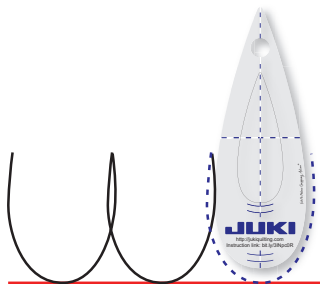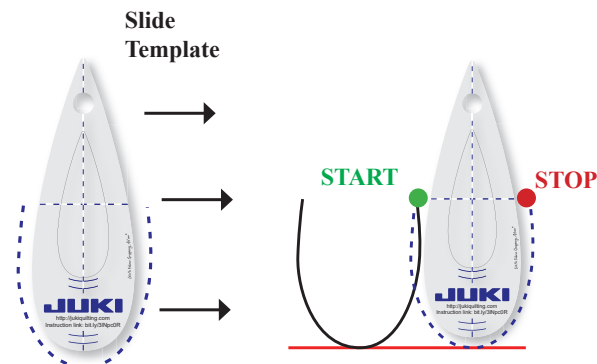
Variation Change the starting point to create a different look. Simply use a piece of tape or a marker to mark your start and stop points.
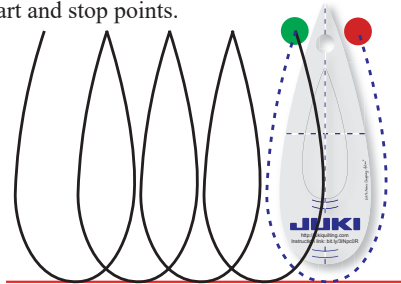
True Teardrop Block Design 1

Create a simple block design by rotating the True Template in an 8-point grid. If the block you are working in does not have the seams in an 8-point grid configuration, you will need to draw or chalk in the guideline using an 8-point stencil or your rulers.
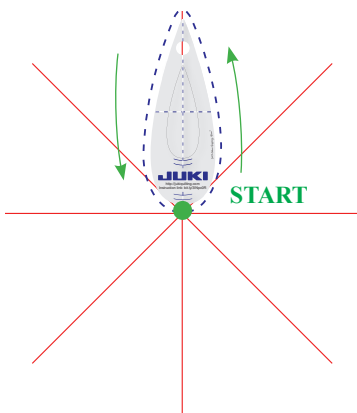
Step 1
Starting with your foot in the center of the block, place the True Teardrop template with the bottom touching the foot and the vertical registration line aligned with the vertical seam or guideline
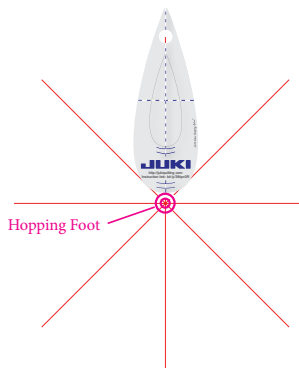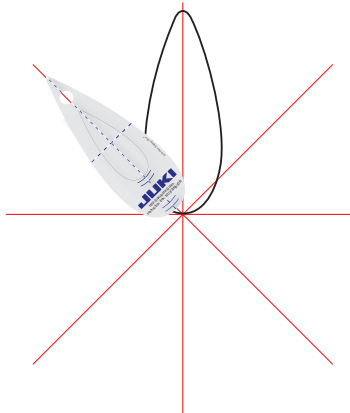
Step 2
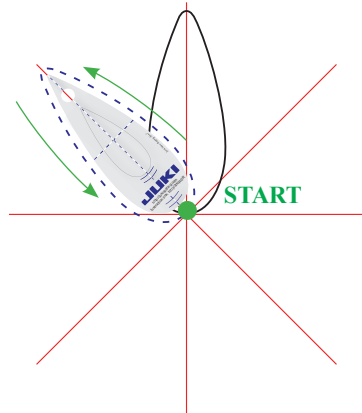Stitch from the center, around the tool and back to the center. Needle down.

Step 3
Rotate the template to the next line keeping the vertical registration line on the template aligned with the guideline on the block
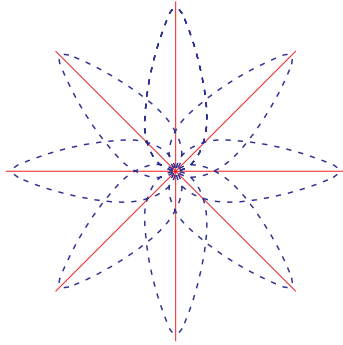
Step 4
Stitch from the center, around the tool and back to the center. Needle down.

Hopping Foot

START

START

True Teardrop Block Design 1

Step 5
Repeat Steps 3 and 4 until all eight points have been stitched
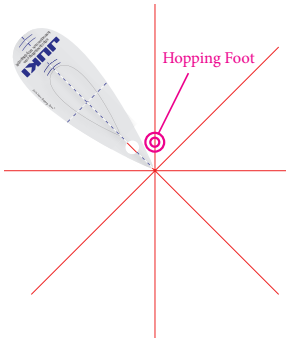
Variation
Try alternating which direction the tip of the tool is pointing with each rotation. Start with the tip facing away from the center on the vertical line. When you move to the diagonal, put the tip touching the center. When you move to the horizontal line, have the tip facing away from the center, and so on.
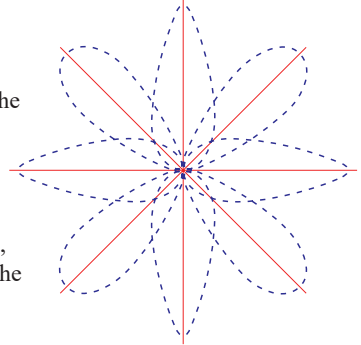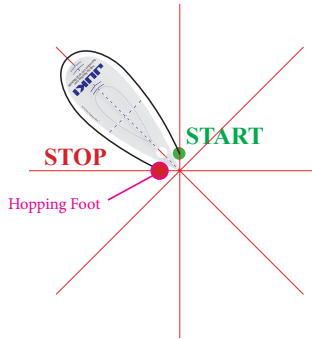
True Teardrop Block Design 2

Step 1
Align the True Teardrop template with the vertical registration line on a 45º line and the tip touching the center of the template. Bring the foot down the 90º line until it touches the template.

Hopping Foot

Step 2
Stitch from 90º line to 90º line. Needle down.

STOP   START
Hopping Foot

Step 3
Rotate the template to the next 45º line making sure the vertical registration line aligns with the drawn guideline, the tip touches the center, and the side of the template touches the foot. Stitch from 90º line to 90º line. Needle down.

Hopping Foot

Step 4
Repeat for remaining two 45º lines.

STOP   START
Hopping Foot

STOP   START
Hopping Foot

Step 5
Align the True Teardrop template with the vertical registration line on a 90º line and the tip touching the center of the template. Bring the foot down the 45º line until it touches the template. Stitch from 45º line to 45º line. Needle down.
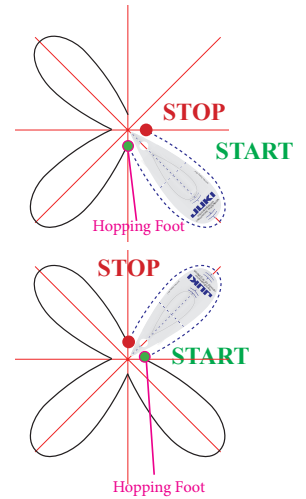
Hopping Foot

Step 6
Rotate the template to the next 90º line making sure the vertical registration line aligns with the drawn guideline, the tip touches the center, and the side of the template touches the foot. Stitch from 45º line to 45º line. Needle down.
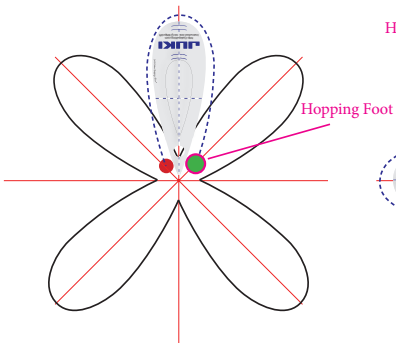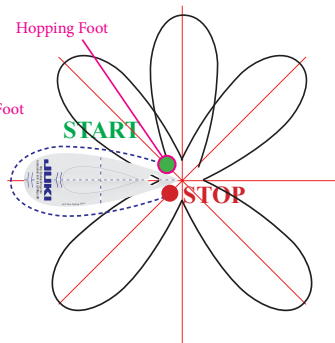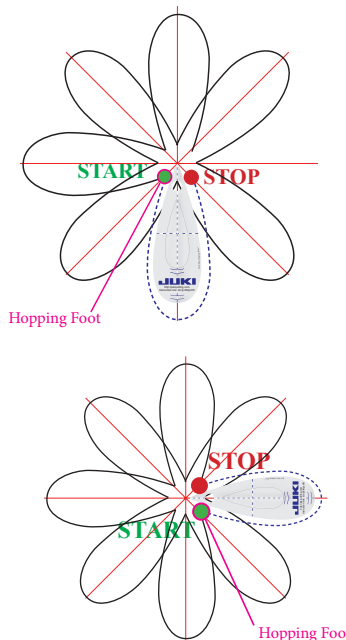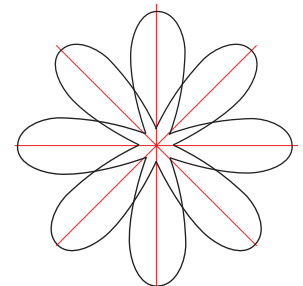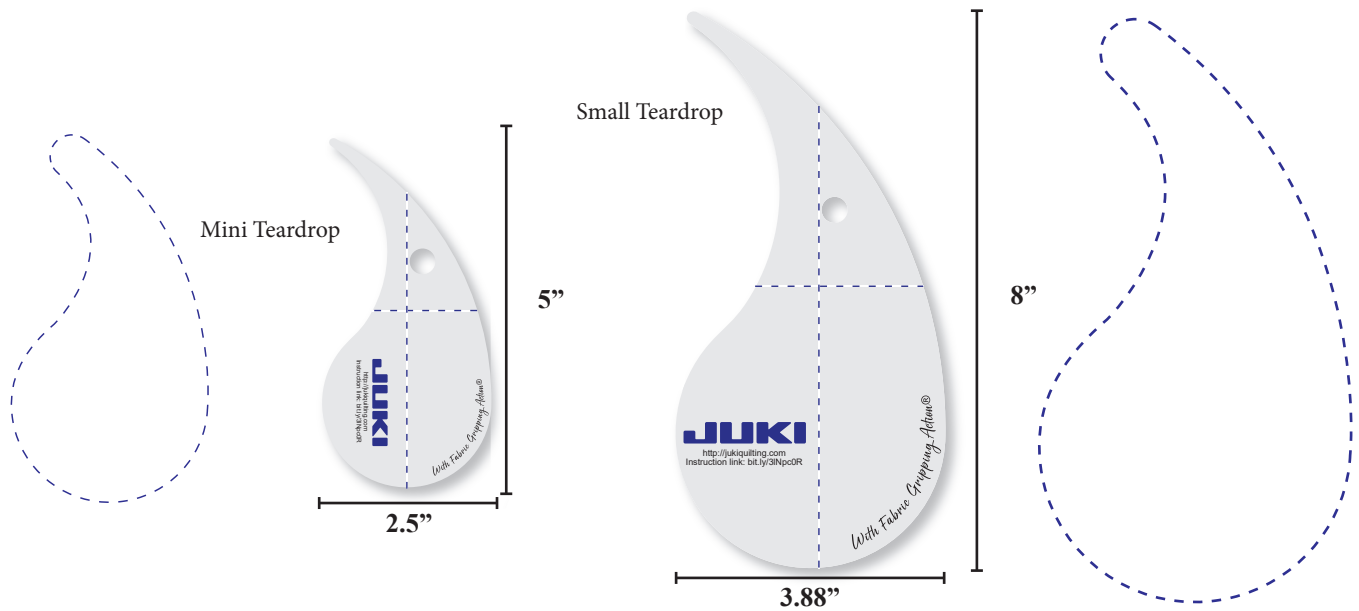
Hopping Foot
START   STOP

Step 7
Repeat for remaining two 90º lines.

START   STOP
Hopping Foot

STOP   START
Hopping Foot

Finished Design

Teardrop Template

Mini Teardrop

Small Teardrop

5"

2.5"

8"

3.88"

Teardrop Block Design 1

Create a simple block design by rotating the Teardrop in an 8-point grid. If the block you are working in does not have the seams in an 8-point grid configuration, you will need to draw or chalk in the guideline using an 8-point stencil or rulers.

Step 1
Starting with your foot in the center of the block, place the Teardrop template with the bottom touching the foot and the vertical registration line on the template pointed so it will "go through" the center of the block. Place the tip of the Teardrop ¼" away from the vertical guideline on the block.
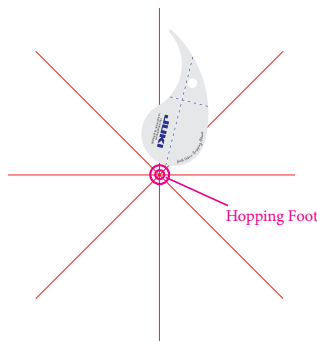
Hopping Foot

Step 2
Stitch from the center of the block around the tip and back to the center. Needle down

Hopping Foot
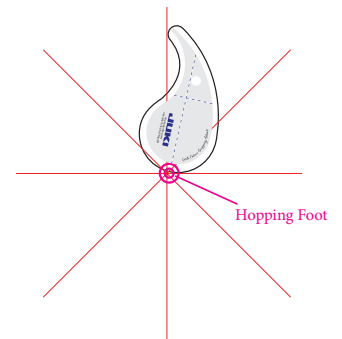
Step 4
Stitch from the center of the block around the tip and back to the center. Needle down

Repeat Steps 3 and 4 until all eight points have been stitched.

Step 3
Rotate the Teardrop template to the next line. As show here it is a diagonal line. Again align the template such that the vertical registration line on the template goes "through the center" and the tip is a ¼" away from the guideline on your block.

Hopping Foot

Hopping Foot
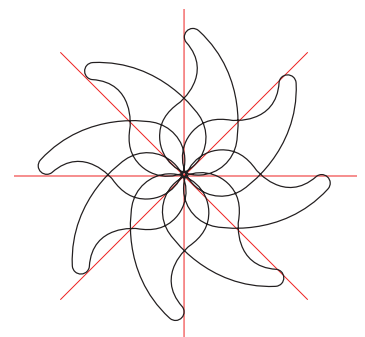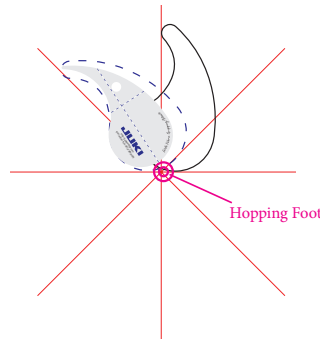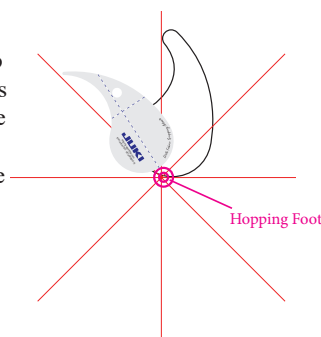
Teardrop Block Design 2

Create a different block design by rotating the Teardrop template in an 8-point grid and using a different set of registration points. As with Block Design 1, you may need to mark the guidelines on your block.

Step 1
Starting with your foot in the center of the block, place the Teardrop template with the bottom curve against the foot. The vertical registration line on the tool will "rest" on the horizontal line on your block and the tip of the template should be ¼" away from the vertical line on your block.

TIP: Make note of where the diagonal line lines up on the template by placing a piece of tape or using a marker on the template. Then when you rotate the template, you can use this line for alignment.
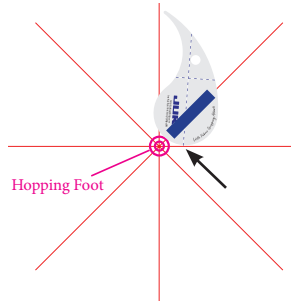
Step 2
Stitch from the center around the template and back to the center. Needle down.
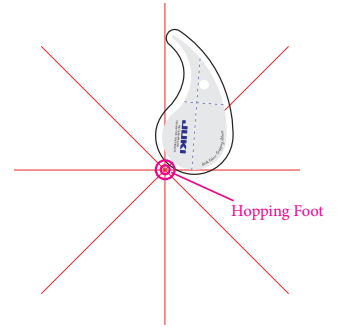
Step 3
Rotate the Teardrop template to the next line. As shown here it is a diagonal line. Align the template such that template touches the foot, the vertical registration line touches the opposite diagonal line, and the tip is ¼" from the diagonal guideline on your block.

Step 4
Stitch from the center of the block around the tip and back to the center. Needle down.

Step 5
Rotate the Teardrop template to the next line. As shown here it is a horizontal line. Again align the template such that template touches the foot, the vertical registration line touches the vertical line on the block, and the tip is ¼" from the diagonal guideline line on your block.
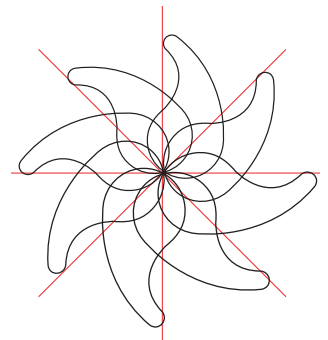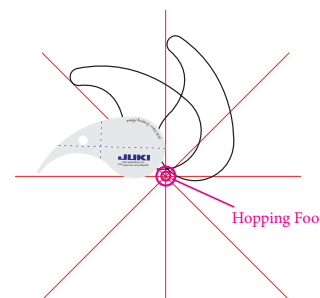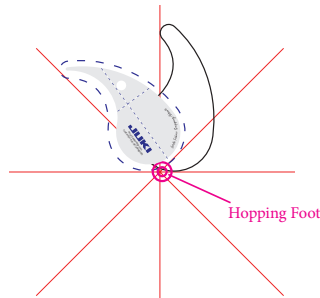
Step 6
Stitch from the center of the block around the tip and back to the center. Needle down. Continue to rotate and stitch until all 8 points have been used.
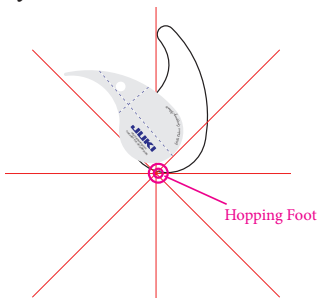
Variation: Try flipping the Teardrop template and repeat above steps the other direction. The top side of the template will be touching your fabric and you will be holding the bottom side. As our Fabric Gripping Action® coating is not on the top of the template, you may want to add your favorite method for adding grip to templates and rulers: i.e., Grippy, double sided tape, skateboard tape, sandpaper dots, etc. **Warning:** This design will have you stitching through the center 16 times.

Step 7
Align the Teardrop template with the bottom curve against the foot. The vertical registration line on the tool will "rest" on the horizontal line on your block and the tip of the template should be ¼" away from the vertical line on your block.

Step 8
Stitch from the center around the template and back to the center. Needle down.

Step 9
Rotate the Teardrop template to the next line. As shown here it is a diagonal line. Align the template such that template touches the foot, the vertical registration line touches the opposite diagonal line, and the tip is ¼" from the diagonal guideline line on your block.

Step 10
Repeat rotating and stitching until all 8 points are done.
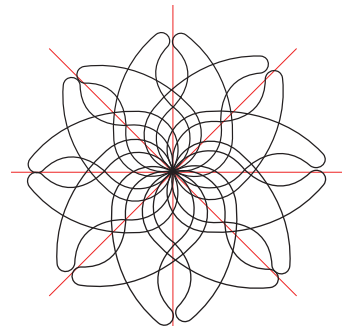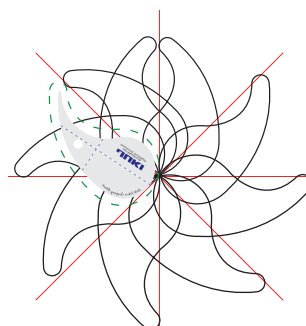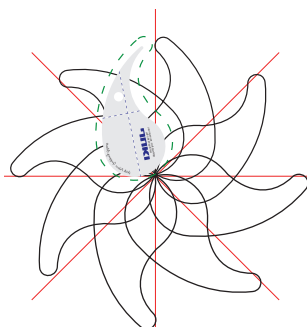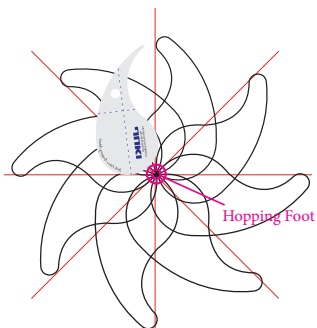
Teardrop Border Design 1

Create this elegant border design by using only a portion of the Teardrop while "sliding" and "flipping" the template along a seam line.

Step 1
Align the Teardrop with the tip touching the seam and the lower convex/outside curved edge ¼" from the seam. Place the foot of your machine against the tip as pictured.

Note: the foot is positioned on the inside of the tip at the beginning of the concave/inside curve as shown here.
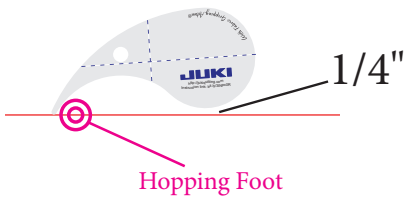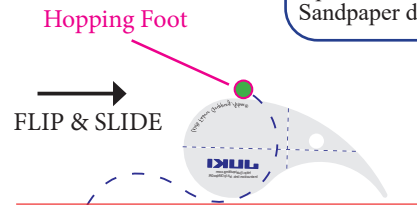
Step 2
Stitch from the tip through the concave/inside curve, around the bottom of the convex/outside curve to the capital "G" in "With Fabric Gripping Action". Needle down.
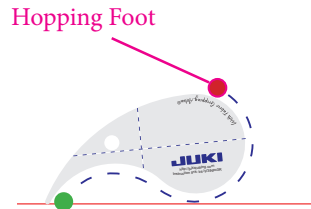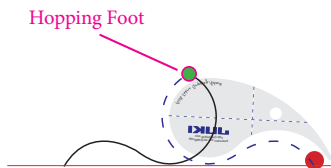
Step 3
Flip the Teardrop from left to right to create the mirror image. Align the template with the capital "G" touching the foot and the tip of the template touching the seam. The lower convex/outside curve should be ¼" away from the seam line.

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.

1/4"

Hopping Foot

Hopping Foot

Hopping Foot

FLIP & SLIDE

Hopping Foot

Step 4
Stitch around the lower convex/outside curve through the concave/inside curve to the tip, stopping on the seam line. Needle down.

Step 5
Flip the Teardrop from left to right to create the mirror image. Align the template with the tip touching the seam and your foot on the inside of the tip as shown. The lower convex/outside curve should be positioned ¼" from the seam.
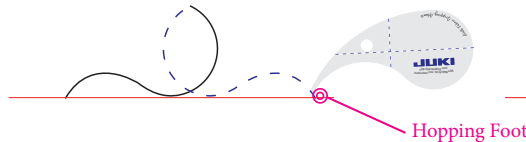
Step 6
Stitch from the tip through the concave/inside curve, around the bottom of the convex/outside curve to the capital "G" in "With Fabric Gripping Action." Needle down.

Hopping Foot

Hopping Foot

Hopping Foot
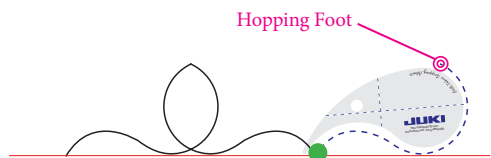
Step 7
Continue flipping and stitching until your design is the length you desire.
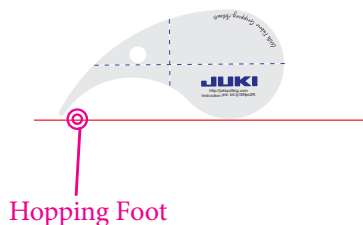
Teardrop Border Design 2

This elegant border design uses the "S" curve created by half of the Teardrop template. Simply "slide" and "flip" the Teardrop along a seam or a marked guideline.

Step 1

Align the Teardrop with the "S" curve touching the seam at both the narrow tip and the outer curve. Place the foot against the tip on the inside of the concave curve as shown.
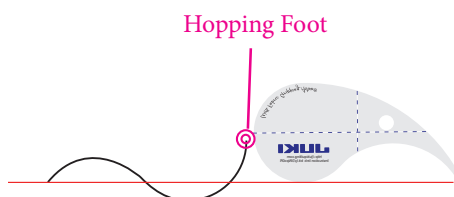
Hopping Foot

Step 2

Stitch from the tip through the concave/inside curve, around the bottom of the convex/outside curve up to the long registration line as shown. Needle down. **Note:** this design will cross the seam or marked guideline.

 Note: The top side of the template will be touching your fabric and you will be holding the bottom side. As the 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.
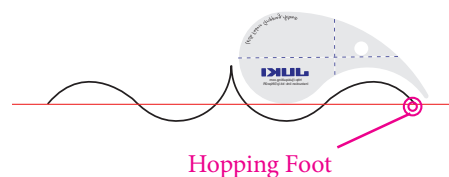
Hopping Foot

Step 3

Flip the Teardrop from left to right to create the mirror image. Slide the template down the seam line until the long registration line touches the foot and the tip of the template touches the seam. The lower convex/outside curve should also be touching the seam line.

Hopping Foot

Step 4

Stitch down around the convex/outside curve through the concave/inside curve to the tip stopping at the seam line. Needle down. Do **NOT** stitch around tip.

Hopping Foot

Step 5

Flip the Teardrop from left to right to create the mirror image. Slide the template down the seam line until you can place the tip against the foot so that it is on the inside of the concave curve as shown. The convex/outside curve should be touching the seam or marked guideline
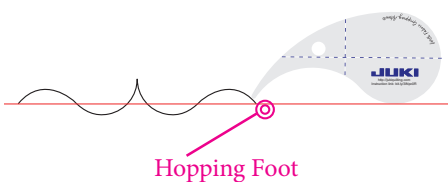
Step 6

Stitch from the tip through the concave/inside curve, around the bottom of the convex/outside curve up to the long registration line as shown. Needle down.
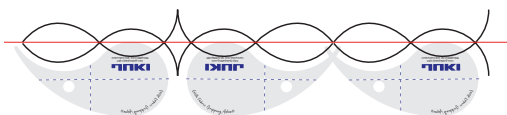
Hopping Foot

Hopping Foot
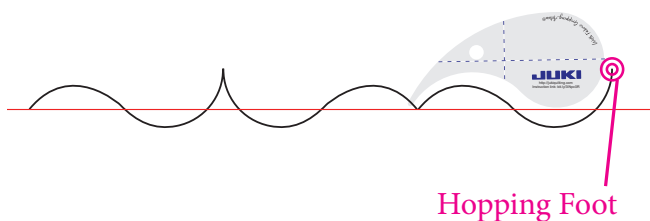
Step 7

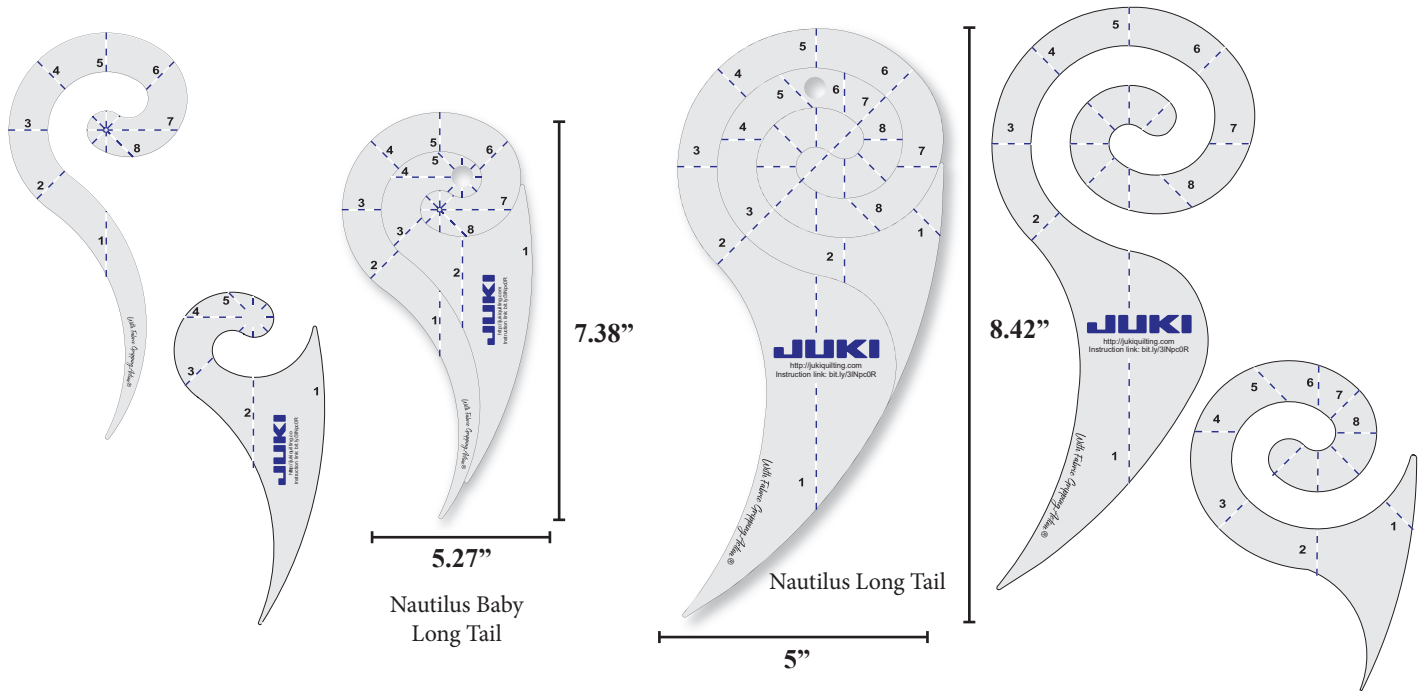Continue to flip and slide the Teardrop until your design is the length you desire.

Variation

An elegant variation can be found if you "Flip" the whole design on a center line of a border.

Nautilus Templates

7.38"

5.27"

Nautilus Baby
Long Tail

8.42"

5"

Nautilus Long Tail

Nautilus Long & Baby Long Tail Border Design

The Nautilus Baby Long Tail and the Nautilus Long Tail templates will create an "Ocean Wave" border design.
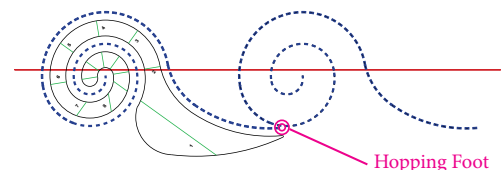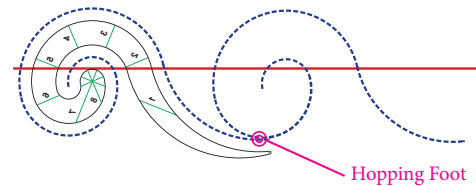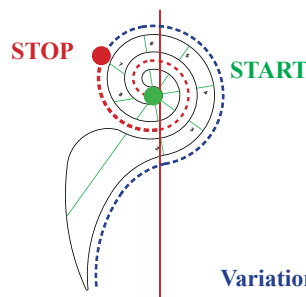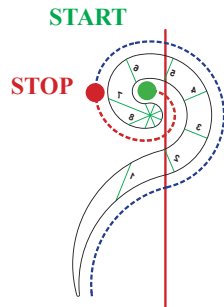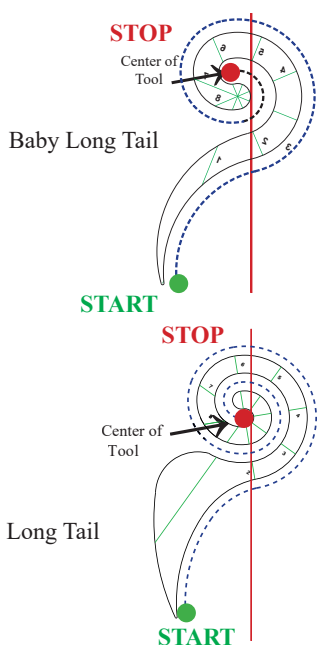
Step 1
Place the Nautilus Baby Long Tail Tool (or Nautilus Long Tail) on the lengthwise center marking of the border, as shown below. Anchor the stitching line and stitch around outside edge of the tool to center of the tool.

Step 2
Back track stitching out to #7 registration line. Drop needle. (Red dashed line indicates backstitching)

Step 3
Slide Baby Long Tail Tool (or Nautilus Long Tail) along the border, placing tail at the needle and top of tool as shown on the border center line. Stitch around the outside edge of the tool until you reach the center of the tool. Back track stitching out to the #7 registration line. Continue stitching in this pattern until you reach the end of the border or you need to reposition the quilt. Leave plain or embellish as desired.


Variation: If you want the ocean wave to sit on the seam, simply align the tail ¼" below the seam and the "7" line ¼" above the line.

Nautilus Long & Baby Long Tail Block Design 1

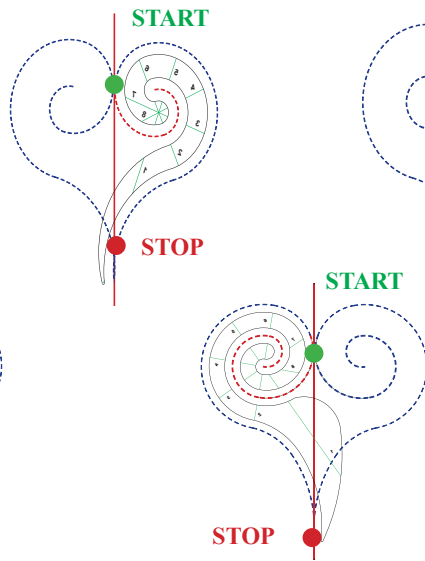**Step 1**
Place Nautilus Baby Long Tail Tool (or Nautilus Long Tail) on center line of block as shown. Anchor thread, stitch around outside of Baby Long Tail Tool (or Nautilus Long Tail) to the center. Back track out to center line. (Red dashed line indicates backstitching) Drop the needle.
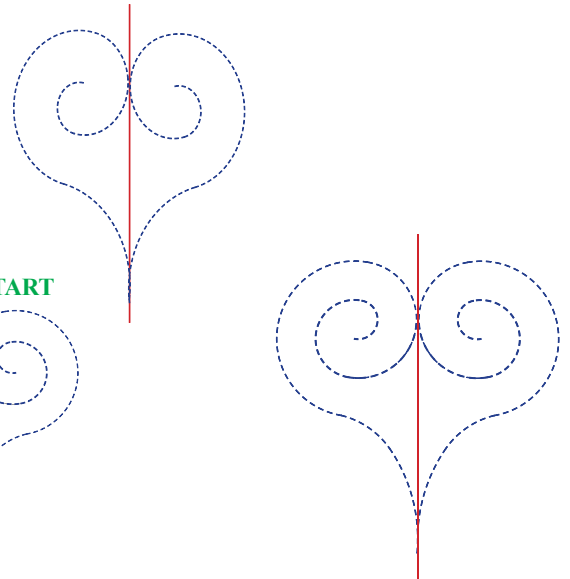
Baby Long Tail

Hopping Foot

START

Long Tail

Hopping Foot

START
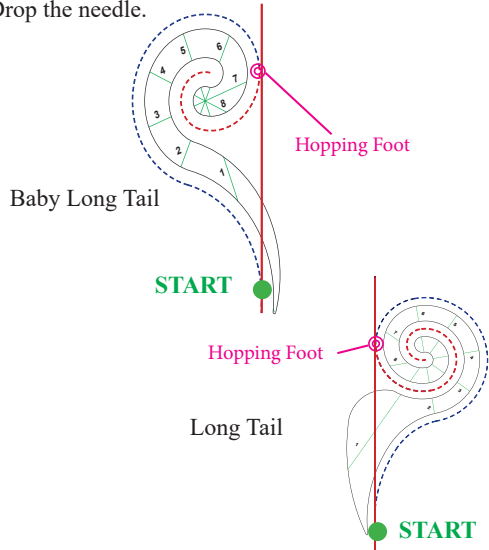
Step 2
Flip tool over, lining up tail and top as shown. Stitch into center of tool, THEN back track out of the center all the way around to the tail.

START

STOP

START

STOP

Step 3
Embellish as desired.

Nautilus Long & Baby Long Tail Block Design 2

Step 1
Divide square into quarters as shown .

Baby Long Tail
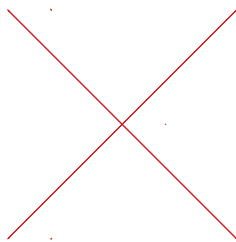
Long Tail

Step 2
Place center cutout of Baby Long Tail Tool or Long Tail Tool on diagonal line of square as shown. Anchor thread and stitch around outside edge of tool to center. Back track to center of block.
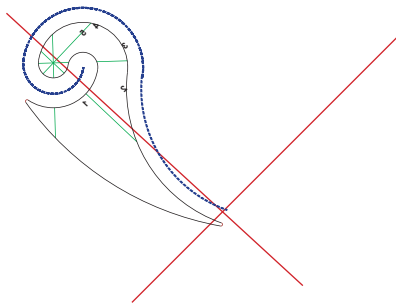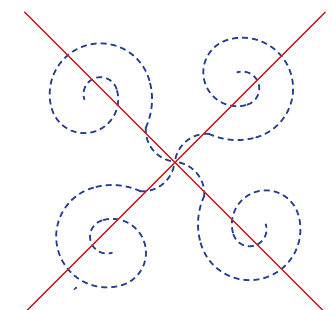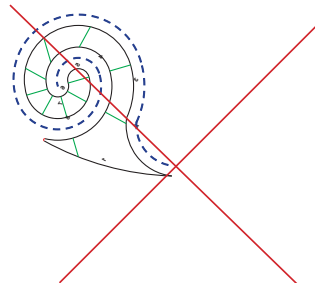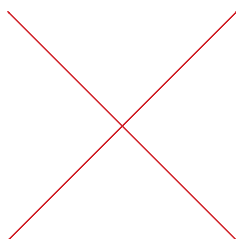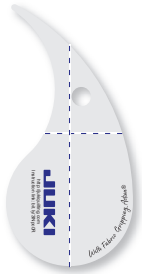
Step 3
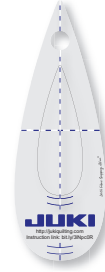Embellish as desired.
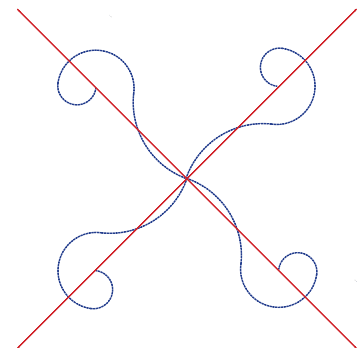
AVAILABLE RULER KITS

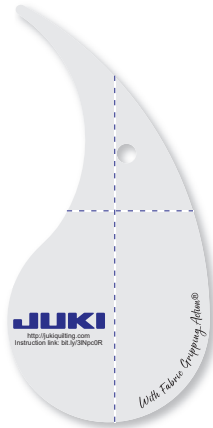## Tears and Tails

PART# TT-RULER
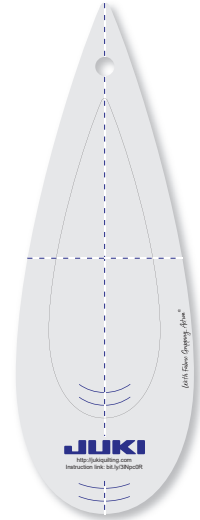
Mini Teardrop

Nautilus Baby Long Tail

Mini True Teardrop

Small Teardrop

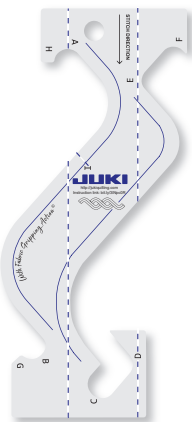Nautilus Long Tail

Small True Teardrop
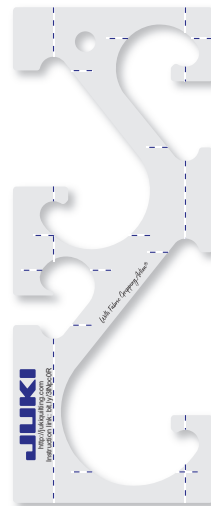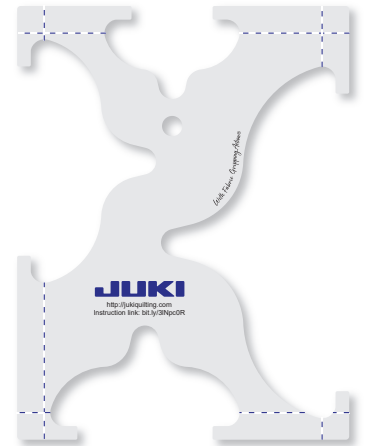

Hearts and Wings

PART# HW-RULER

Cable Tool

Mini Heart

Feathered Heart#1

Traditional Heart

Bird Bracket Chain