

artista 640/730 only

Memory/Sub-Divider 1 Sampler continued:

Stitching Outer Rectangle

- Using a temporary spray adhesive, bond the stabilizer to the muslin.
- Scroll to select the first section of the saved stitch combination. Activate Pattern Begin and Pattern Repeat 1x.
- Sew; at the end of the stitching, step down on the heel of the foot control to move the needle into the down position. Pivot 90°, then use the foot control to move the needle to the up position.
- Scroll to the second section of the stitch combination. Activate Pattern Begin and Pattern Repeat 2x. Sew; the **artista** will automatically stop after the second repeat. *Note: When Sub-Divider 1 is used, the artista will stitch multiples of ONLY the selected section.* When the second repeat is complete, use the foot control to move the needle to the down position. Pivot 90°, then use the foot control to move the needle to the up position.
- Scroll up to the first section of the stitch combination. Activate Pattern Begin and Pattern Repeat 1x. Sew; at the end of the stitching, use the foot control to move the needle to the down position. Pivot 90°, then use the foot control to move the needle to the up position.
- Scroll to the second section of the combination. Activate Pattern Begin and Pattern Repeat 2x. Sew. This completes the stitching of the rectangle.

artista 640/730 only

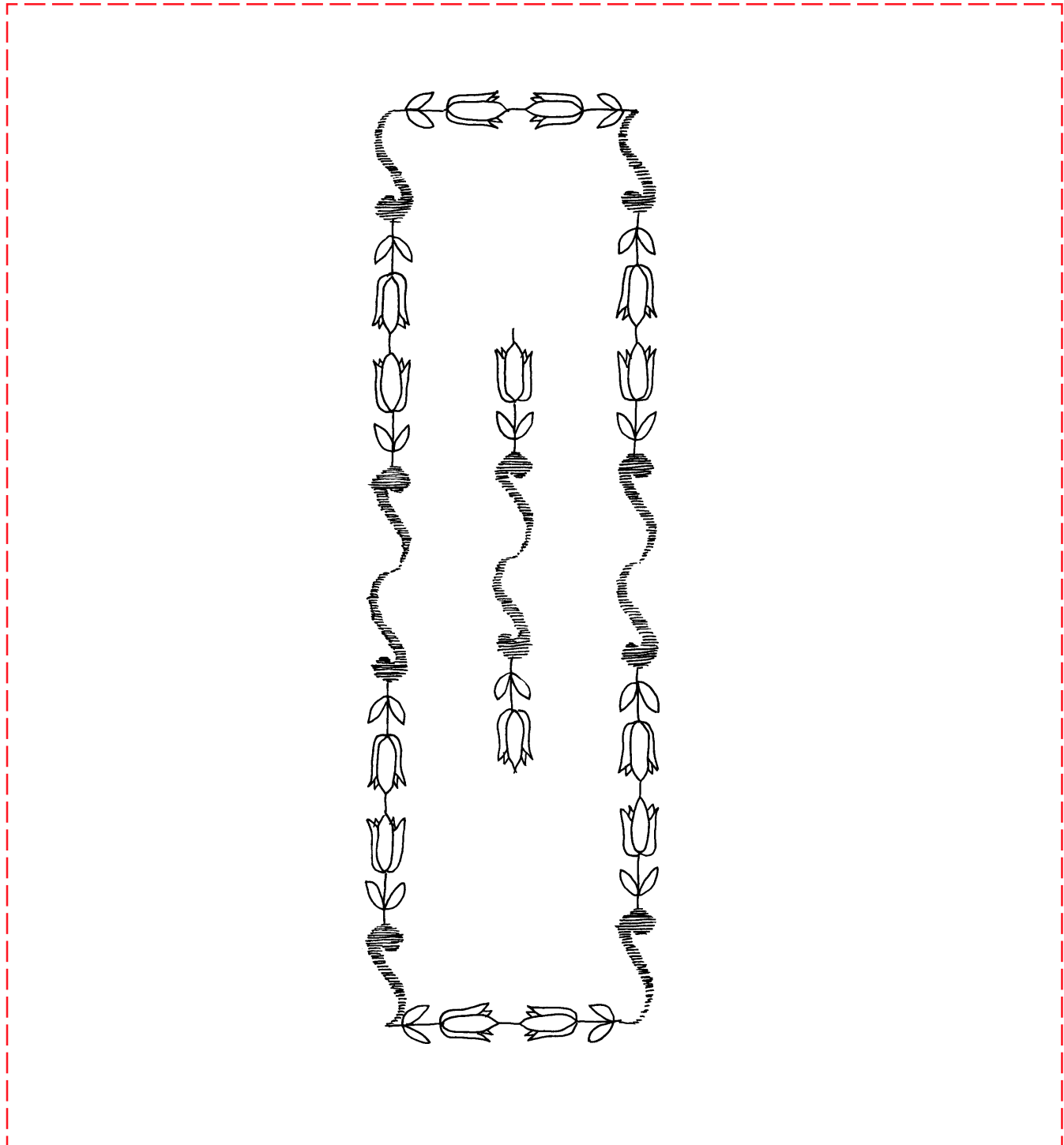
Memory/Sub-Divider 1 Sampler continued:

Stitching Center Motif

- The center motif is about 4" long. Draw a line through the center of the stitched rectangle to use as a guide.
- Select the Multi-Function button. Select the Preview option. Scroll to move the cursor just to the right of the *second* tulip in the *second* section of the stitch combination. Notice that every stitch in the combination is numbered.
- Select the 9th stitch (tulip). When the stitch is selected, the Preview screen auto-matically closes. The *artista* will begin stitching at the beginning of stitch nine (unless the cursor is moved again).
- Sew; the *artista* will stitch the end of the combination and automatically begin sewing it a second time.
- Sew, watching stitching. After the tulip begins stitching, press the Pattern End button on the front of the *artista*; sewing will stop at the end of the tulip.

Notes

Memory/Sub-Divider 1 Sampler



artista 630/640/730 only

Setup Program

The Setup Program allows personalization of your sewing system to reflect your sewing style, needs, and preferences. To access, press the external Setup button.

Display > Brightness & Display > Contrast

- adjust the appearance of the screen for the lighting conditions in your sewing area

Display > Welcome Text

- change greeting

Sewing Setting > Sewing Light (*artista 730 only*)

- turn sewing light off/on

Sewing Settings > Motor Speed

- adjust the overall sewing speed of your sewing system
Note: the artista has a separate motor speed screen for embroidery; to access, touch the Embroidery Settings symbol

Sewing Settings > Thread Tension (*artista 640 & 730 only*)

- adjust the overall tension setting of your sewing system
Note: the artista 640 & 730 have a separate tension screen for embroidery; to access, touch the Embroidery Settings symbol

Customize Favorite Function (*artista 730 only*)

- assign function of your choice to the Favorite Function button

Touch > Calibrate

- calibrate the touch screen of your sewing system

Software & Language

- access information on the software version installed in your sewing machine and embroidery module

Notes

Sewing Tension

(artista 640 & 730 only)

The tension of BERNINA® sewing machines is factory set for the best “all around” results using Mettler polyester Metrosene thread in the needle and bobbin. If you regularly use other types of thread, you may find it useful to adjust your tension settings using the Thread Tension Adjustment in the Setup Screen.

artista 640/730 only

Setup Program - continued

Emb Set > Adjust Ref Position

- adjust the reference point of the embroidery module

Emb Set > Auto Thread Cutter (*artista 640 & 730 only*)

- turn embroidery thread cutter off/on

Messages & Audio Signals

- turn audio signals off/on
- choose from a range of signals for each function:
 - Select Stitch
 - Select Function
 - Upper Thread Control
 - Lower Thread Control (*artista 640 & 730 only*)
 - Feed Dog Position
 - Presser Foot Position
 - Bobbin Winder
 - Embroidery Finished
 - Thread Cutter (*artista 640 & 730 only*)
 - Threader (*artista 730 only*)

Portal Provider Settings (*artista 730 only*)

- set up a phone connection for optional *artista 730* modem
- allows access to a special *artista 730* portal for News, Downloads, and Tutorials

Return to Basic Settings

- returns all settings -- sewing and/or embroidery -- to the original factory settings

esc & Leave Setup

- closes the Setup Screen without making changes
- returns to previously selected screen

Notes

artista 730 only

Tutorial

*Note: The **artista** 630 & 640 feature an embroidery Tutorial which acts as an “on-line” reference for a variety of embroidery topics. See the Mastering Your BERNINA Embroidery Module Workbook for more information.*

artista 730:

*The **artista** Tutorial acts as an “on-line” manual with instructions for a variety of sewing and embroidery topics.*

- Press the external **T** button
- Select the desired category from those listed:
 - Threading
 - Sewing Techniques
 - Buttonholes
 - Peripherals
 - Embroidery
 - Free Hand System (FHS)
 - Trouble Shooting
 - Presser Feet
 - Needles
- Information is displayed in the form of text, color diagrams, and video clips.

Notes

Additional Video Clips

*Tutorial videos are found on both the **artista** 730 Design CD-ROM (recovery) CD and on the BERNINA® **artista** 730 USB Stick.*

CD: Attach the BERNINA® CD-ROM drive to your **artista** and insert the Tutorial CD.

USB Stick: Insert the BERNINA® **artista** 730 USB Stick in the USB port at the right side of the **artista**.

artista 730 only

Creative Consultant

The *artista 730* sewing system has an internal “sewing consultant” that provides a wide range of sewing information and instructions.

- Press the external **C** button.
- Select the appropriate fabric type from the menu of lightweight, medium weight, and heavyweight fabrics.
- Select the desired sewing technique:
 - Seaming
 - Overcasting
 - Edgestitching
 - Blindhem
 - Buttonhole
 - Zipper
 - Invisible Zipper
 - Decorative Work
 - Machine Quilting
 - Freemotion Work
 - Applique
 - Sideways Motion
- The Creative Consultant displays the following recommendations:
 - Presser Foot & Alternates
 - Needle & Alternates
 - Presser Foot Pressure
 - Stabilizer
 - Feed Dog Up/Down
 - Additional Accessories
 - Additional Comments
 - Tutorial Links
- After selecting the appropriate fabric and technique, press OK; the *artista 730* selects and adjusts the recommended stitch and settings for:
 - Stitch Length
 - Stitch Width
 - Needle Position
 - Tension
 - Balance
 - Needle Stop Up/Down
 - Maximum Sewing Speed



Class 6

Product Reference List

Stitch Manipulations

- Feet-ures*, Volumes 1, 2, and 3
- BERNINA® Buttonhole Foot with Slide #3A/C
- BERNINA® Open Embroidery Foot #20 *or*
- BERNINA® Open Embroidery Foot #20C
- BERNINA® Clear Foot #34 *or*
- BERNINA® Clear Foot #34/C

- BERNINA® Iron
- HRFive Temporary Adhesive Spray
- Thread Stand

Threads

- 30 weight cotton embroidery thread
- Gimp cord or YLI Pearl Crown Rayon

Needles

- Microtex Sharp
- Embroidery
- Double



Class 7

Directional Stitching

Class Overview

Directional Stitching

- 1 4-Directional Stitching
- 2 Directional Stitching
- 3 Freeform Directional Stitching
- 4 All-Over Directional Stitching
- 5 Trailing Tulip Vines
- 6 Monogram
- 7 Scalloped Edge
- 8 Stacked Scallop Edge
- 9 Directional Quilting
- 10 Directional Baubles

This class is formatted for owners
of the following model of
BERNINA® sewing machines:
• *artista* 730

4- Directional Stitching

(*artista* 730 only)

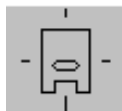
Fabric	firm fabric, 6" x 6"
.....	firm cotton for patch, 2" x 2½"
Stabilizer	heavyweight tear-away, 6" x 6"
Needle	90/14 Embroidery
Thread	30 weight cotton embroidery
Presser Foot.....	Sideways Motion Foot #40C
Stitch	directional blanket stitch (#46)
Needle Position	as directed

Notes

Position and bond the fabric patch in the center of the fabric square using 606 fusible adhesive spray.

Draw a line ½" from each side of the patch, forming a rectangle. This is the stitching line.

Press the decorative stitch menu icon at the right side of the screen, then select the 4-directional stitching category. Select stitch #46 (directional blanket stitch), then select the forward (down) direction.



Activate the Needle Down function. Position the presser foot on the drawn line at the right side of the patch, aligning the center mark on the foot with the line, and positioning the needle at the upper right corner of the patch. Sew forward (down), stopping at the lower right corner of the drawn rectangle.

Select the left direction. Sew, lightly guiding the fabric to keep the sideways stitching on the drawn line. Stop when the needle reaches the lower left corner of the drawn rectangle.

Select the backward (up) direction. Sew, keeping the stitching line centered under the center mark on the foot. Stop at the upper left corner of the drawn rectangle.

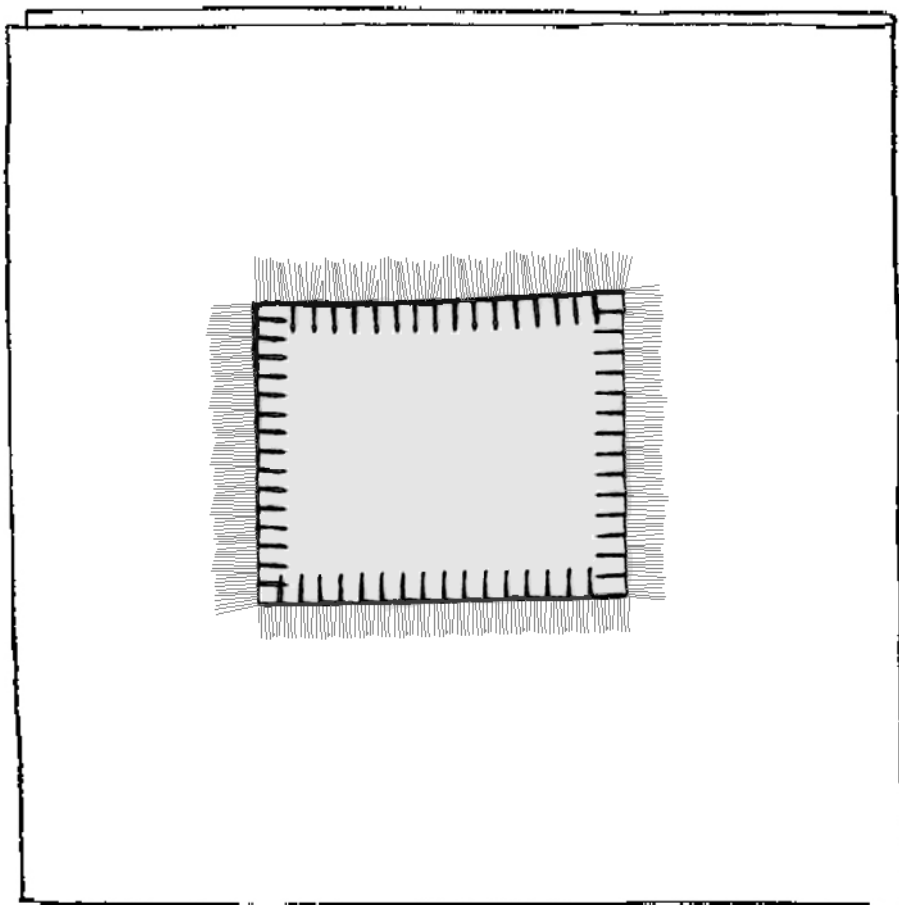
Select the right direction. Sew, lightly guiding the fabric to keep the sideways stitching on the drawn line. Stop when the needle reaches the upper right corner of the drawn rectangle, completing the stitching.

Bring the thread tails to the wrong side of the sample; tie by hand.

Fringe the edges of the patch between the stitching and the outer edge of the patch.

Trim and mount the sample.

4- Directional Stitching Sample



16 - Directional Stitching

(artista 730 only)

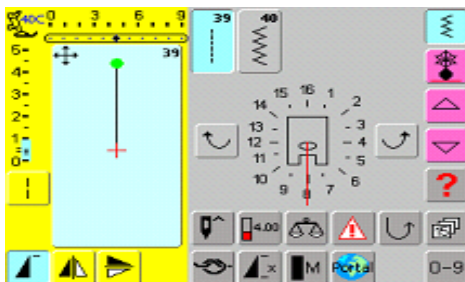
Fabric	firm fabric, 6" x 6"
Stabilizer	heavyweight tear-away, 6" x 6"
Needle	90/14 Embroidery
Thread	30 weight cotton embroidery
Presser Foot	Sideways Motion Foot #40C
Stitch	directional zigzag
Needle Position	center

Notes

Mark the center of the square of fabric. Place stabilizer behind fabric, bonding with a light application of HRFive adhesive.

Press the decorative stitch menu icon at the right side of the screen, then select the 16-directional stitching folder.

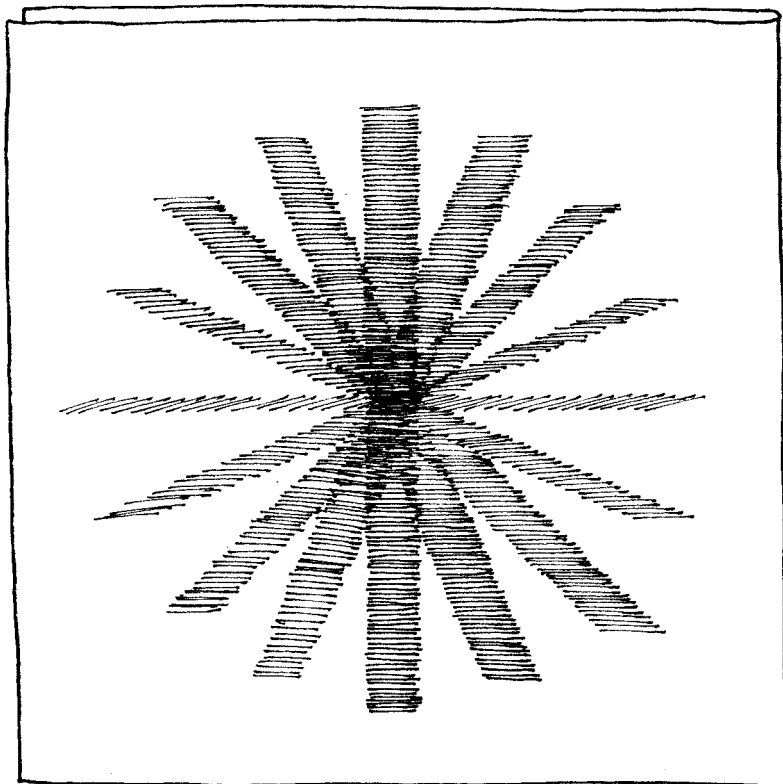
The stitch direction is chosen by pressing the clockwise and counterclockwise arrows; the red line indicates the stitch direction.



Starting at the center of the fabric, stitch all 16 directions using the preprogrammed directional zigzag stitch #40. Note that the directional zigzag is a satin stitch, and that the stitch formation that changes depending on the sewing direction.

Trim and mount the sample.

16 - Directional Stitching Sample





Free-Form Directional Stitching

(artista 730 only)

Fabric	firm fabric, 6" x 6"
Stabilizer	heavyweight tear-away, 6" x 6"
Needle	90/14 Embroidery
Thread	30 weight cotton embroidery
Presser Foot	Sideways Motion Foot #40C
Stitch	directional straight stitch
.....	directional zigzag stitch
Needle Position	center

Notes

Select directional straight stitch #39, then choose a direction from the compass template that appears on the screen. Stitch 1" to 2".

Select a different direction. Stitch a couple inches.

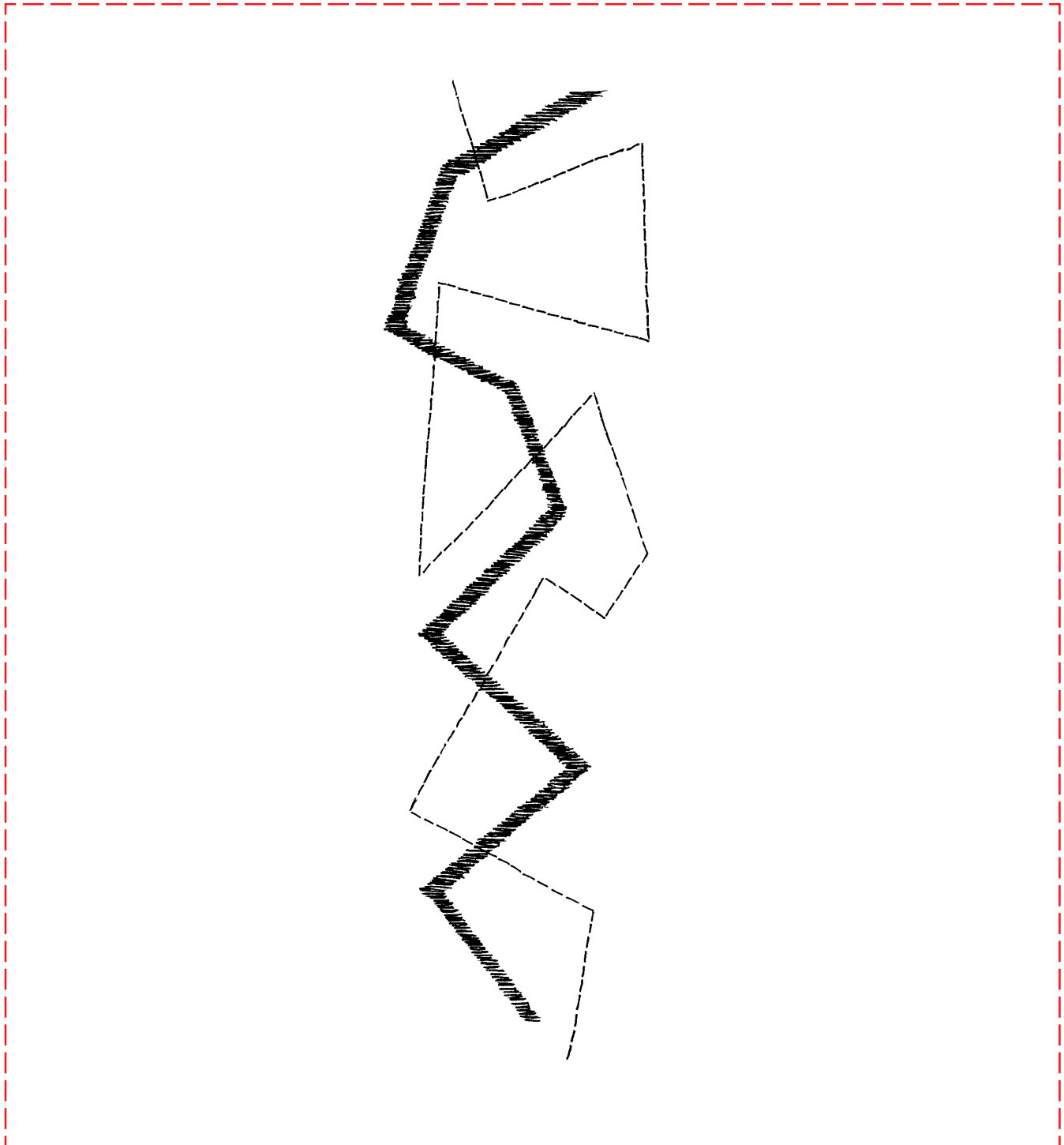
Select another direction; stitch.

Continue selecting directions and stitching.

Repeat using directional zigzag stitch #40.

*Note: The **artista** 730 can change directions while stitching; the machine does not have to be stopped first.*

Free-Form Directional Stitching Sample





All-Over Directional Stitching

(artista 730 only)

Fabric	chamois, 8" x 12"
Stabilizer	Aqua Film, 8" x 12"
Needle	90/14 Embroidery
Thread	30 weight cotton embroidery
Presser Foot	Sideways Motion Foot #40C
Stitch	directional straight stitch
Needle Position	center

Notes

Place stabilizer behind fabric, bonding with a light application of HRFive temporary adhesive. Fold fabric/stabilizer in half to 4" x 12". Mark a large + shape on the fabric as a reference guide.

Program the following stitches in Combi Mode:

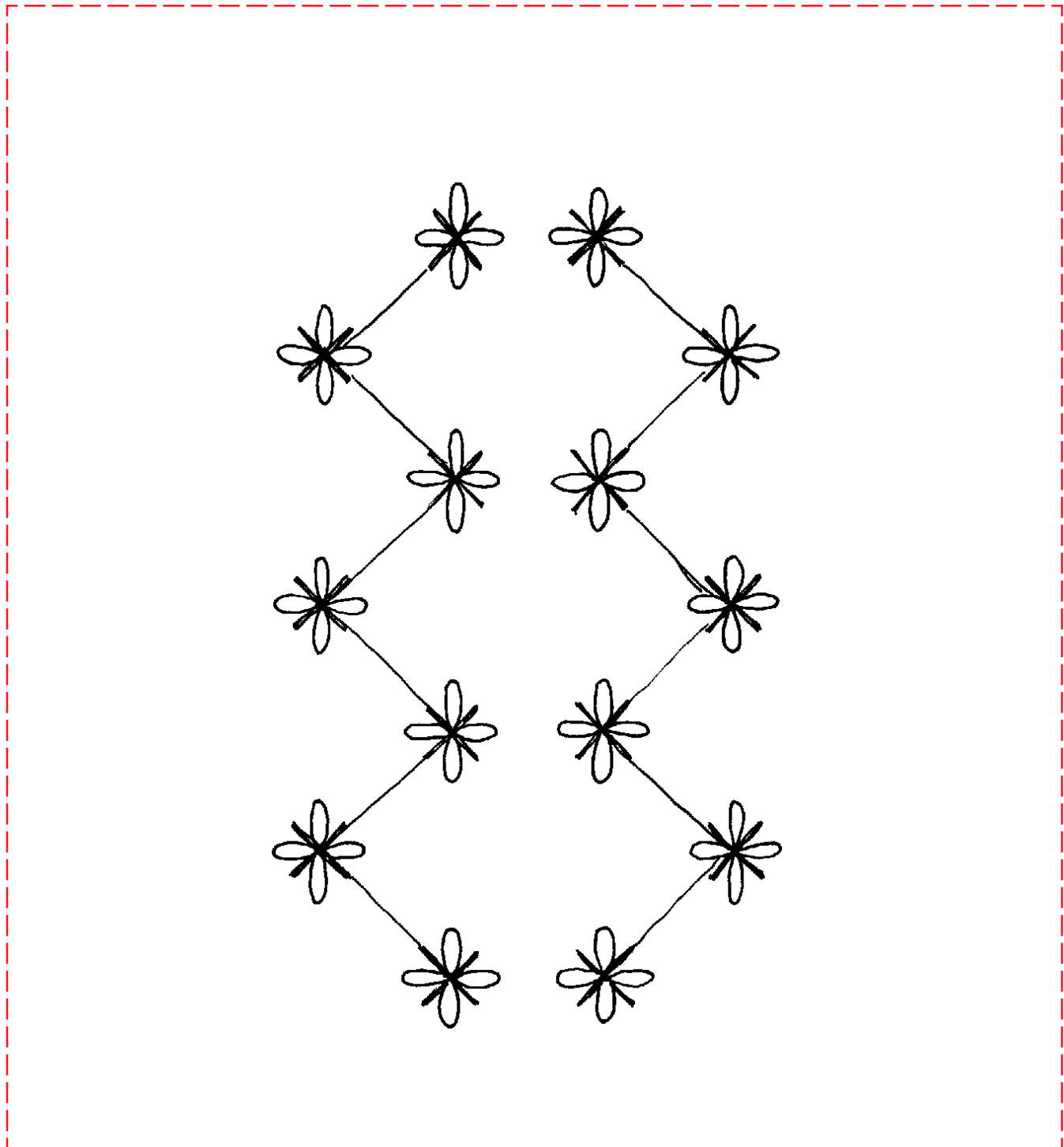
- #217, two times
- Insert stitch #39, direction 6, 4x between the two #217s
- Insert stitch #39, direction 10, 4x after the second #217

Save the stitch combination.

Stitch from one end of the fabric to the other, guiding fabric so that the + stays parallel and perpendicular to the presser foot.

Stitch additional rows parallel to the first row, creating an allover pattern on the fabric. *Note: The second row in the sample was stitched after selecting the Multi-function button (eyeglasses) and Mirror Combination function.*

All-Over Directional Stitching Sample





Trailing Tulip Vines

(*artista* 730 only)

Fabric	chamois, 8" x 12"
Stabilizer	heavyweight tear-away, 8" x 12"
Needle	90/14 Embroidery
Thread	30 weight cotton embroidery
Presser Foot	Sideways Motion Foot #40C
Stitch	as indicated
Needle Position	center

Notes

Place stabilizer behind fabric, bonding with a light application of HRFive spray adhesive. Mark a large + shape on the fabric as a reference guide.

Program the following stitches in Combi Mode:

- stitch #137* + Up/Down Mirror Image
- stitch #145
- stitch #39, direction 6 - 1x
- stitch #145 + Up/Down Mirror Image
- stitch #137
- stitch #39, direction 10 - 1x
- stitch #145 + Up/Down Mirror Image
- stitch #137
- stitch #39, direction 6 - 1x
- stitch #137 + Up/Down Mirror Image
- stitch #145
- stitch #39, direction 10 - 1x

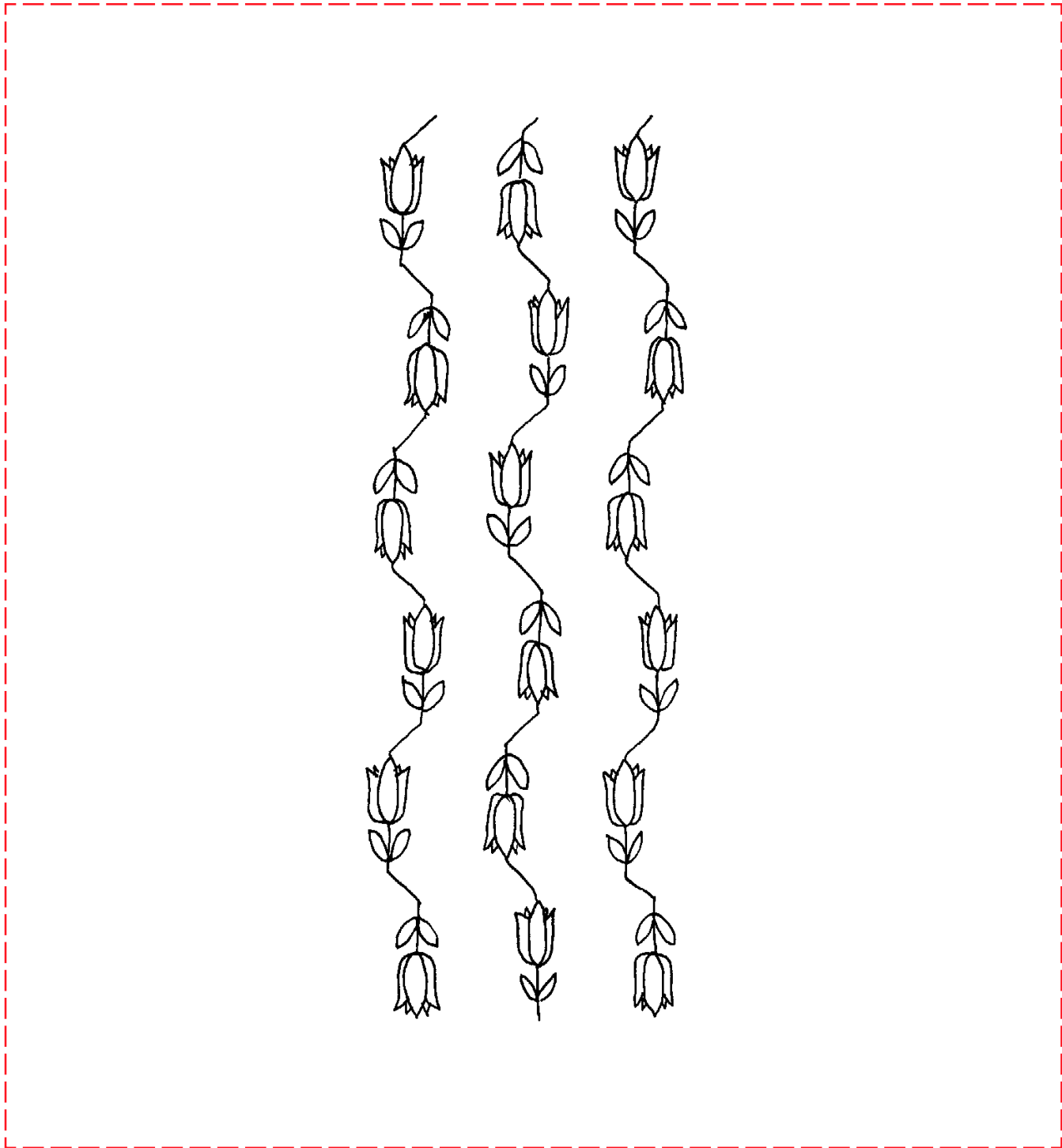
Save the stitch combination.

Stitch from one end of the fabric to the other, guiding fabric so that the "+" stays parallel and perpendicular to the presser foot.

Stitch additional rows of this stitch combination, scrolling through the stitches to start at different points.

Note: Some adjustments to stitch combination formulas may be necessary depending on the fabric, thread, and stabilizer used to create the stitch sample.

Trailing Tulip Vines Sample





Monogram

(artista 730 only)

Fabric firm fabric, 8" x 12"
 Stabilizer heavyweight cut-away, 8" x 12"
 Needle 90/14 Embroidery
 Thread Isacord embroidery
 Presser Foot Sideways Motion Foot #40C
 Stitch monogram alphabet
 directional straight stitch
 Needle Position center

In this exercise, you will plot, program, and stitch a monogram, using the directional straight stitch to move from the end of one letter to the beginning of the next. Using the Long Stitch function omits every other stitch point in the 9mm long directional stitch, making it easy to remove connecting stitches. Using the Securing function ensures that letters are securely "tied" at the ends.

In Combi-mode select the Monograms from the Lettering menu Select B and K. Directional stitches will be placed between the B and the K. Scroll up to place the cursor at the lower edge of the B.

Select stitch # 39 to insert the first directional stitch and to activate the compass. Locate the ending mark (red +) on the B and the beginning mark (green o) on the K. The goal is to use directional stitches to sew from the last stitch in the B to the first stitch in the K and to position the K below and to the right of the B. Study the Monogram Sample. In what compass direction will the artista need to sew to move from the last stitch in the B to the first stitch in the K? (Try this without looking at the Monogram and Compass templates.) With the cursor positioned at the bottom of the first directional stitch, move red compass line until it is in the correct direction. Touch stitch #39 to insert a 2nd directional stitch.

Touch the Multi Function button and select Preview. Touch the Binocular icon to view a virtual representation of the letter placement. Is the K is too close to the B? Touch esc and insert additional stitches as needed. Preview the combination and continue adding and adjusting stitch direction until the letter placement is correct.

Add the long stitch function to each directional stitch. Add the securing function to the beginning and end of the combination.

Place stabilizer behind fabric, bonding with a light application of HRFive spray adhesive. Mark a large + shape on the fabric as a reference guide. Position the stabilized fabric under Sideways Motion Foot #40. Engage Pattern Begin and Pattern Repeat 1X. As you stitch, guide the fabric, keeping the sides of the presser foot parallel to the guiding lines drawn on the fabric. Clip and remove the basting stitches between the monogram letters.

Note: Some adjustments to stitch combination formulas may be necessary depending on the fabric, thread, and stabilizer used to create the stitch sample.

Notes

Preview: artista 730
 Select Preview, then the Binoculars icon. A diagram appears screen showing how the monogram will look when it is stitched.

Monogram Sample





Scalloped Edge

(artista 730 only)

Fabric	chamois, 8" x 12"
Stabilizer	heavyweight tear-away, 8" x 12"
Needle	90/14 Embroidery
Thread	30 weight cotton embroidery
Presser Foot	Sideways Motion Foot #40C
Stitch	directional straight stitch
.....	multi-motion scallop
Needle Position	center

Notes

Affix the stabilizer to the back of the fabric with a light application of HRFive spray adhesive. Fold in half to 4" x 12".

Select Combi Mode. Program the following stitch combination:

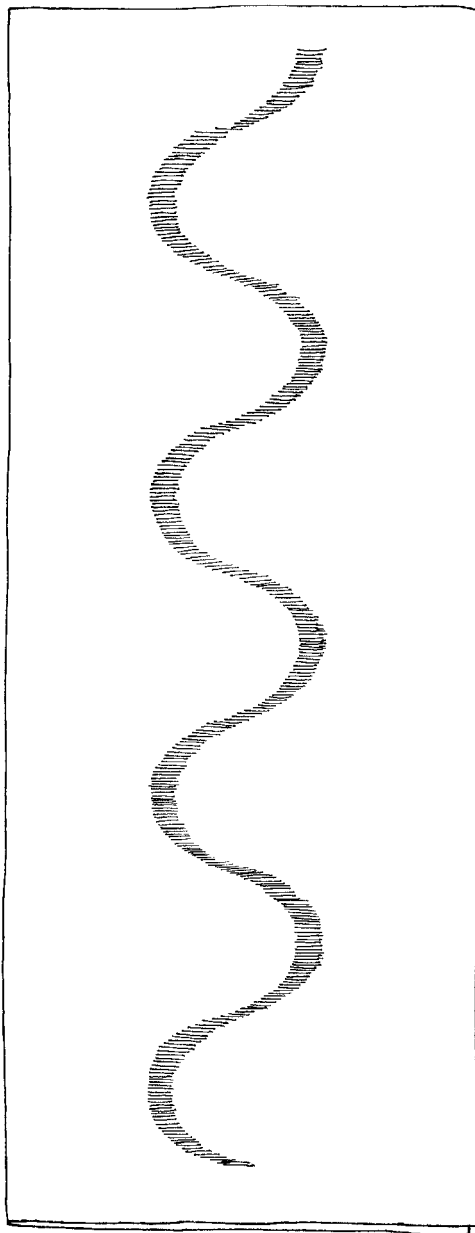
- stitch #507, two times
- stitch #39, direction 2, 1x, between the two scallops
- stitch #39, direction 14, 1x, after the second scallop
- select the second scallop; engage Right/Left Mirror Image
- select each of the directional straight stitches; engage the Long Stitch function; this will make the connecting stitches easier to clip and remove.

Save to an empty file drawer.

Stitch, guiding gently.

If necessary, fine tune the directional stitching so that the end of the scallops meet as shown in the illustration.

Scalloped Edge Sample



Stacked Scallop Edge

(*artista 730 only*)

Fabric	chamois, 8" x 12"
Stabilizer	heavyweight tear-away, 8" x 12"
Needle	90/14 Embroidery
Thread	30 weight cotton embroidery
Presser Foot	Sideways Motion Foot #40C
Stitch	as indicated
Needle Position	center

Notes

Place stabilizer behind fabric, bonding with a light application of HRFive spray adhesive. Fold fabric/stabilizer in half to 4" x 12". Mark a large + shape on the fabric as a reference/guideline.

Program the following stitches in Combi Mode:

- stitch #507, 3x
- touch Pattern Begin; the cursor moves between the first and second scallops
- stitch #39, direction 2 - 3x **between** the first and second scallop
- stitch #39, direction 14 - 3x **between** second & third scallop
- engage Long Stitch function for the Directional stitches only

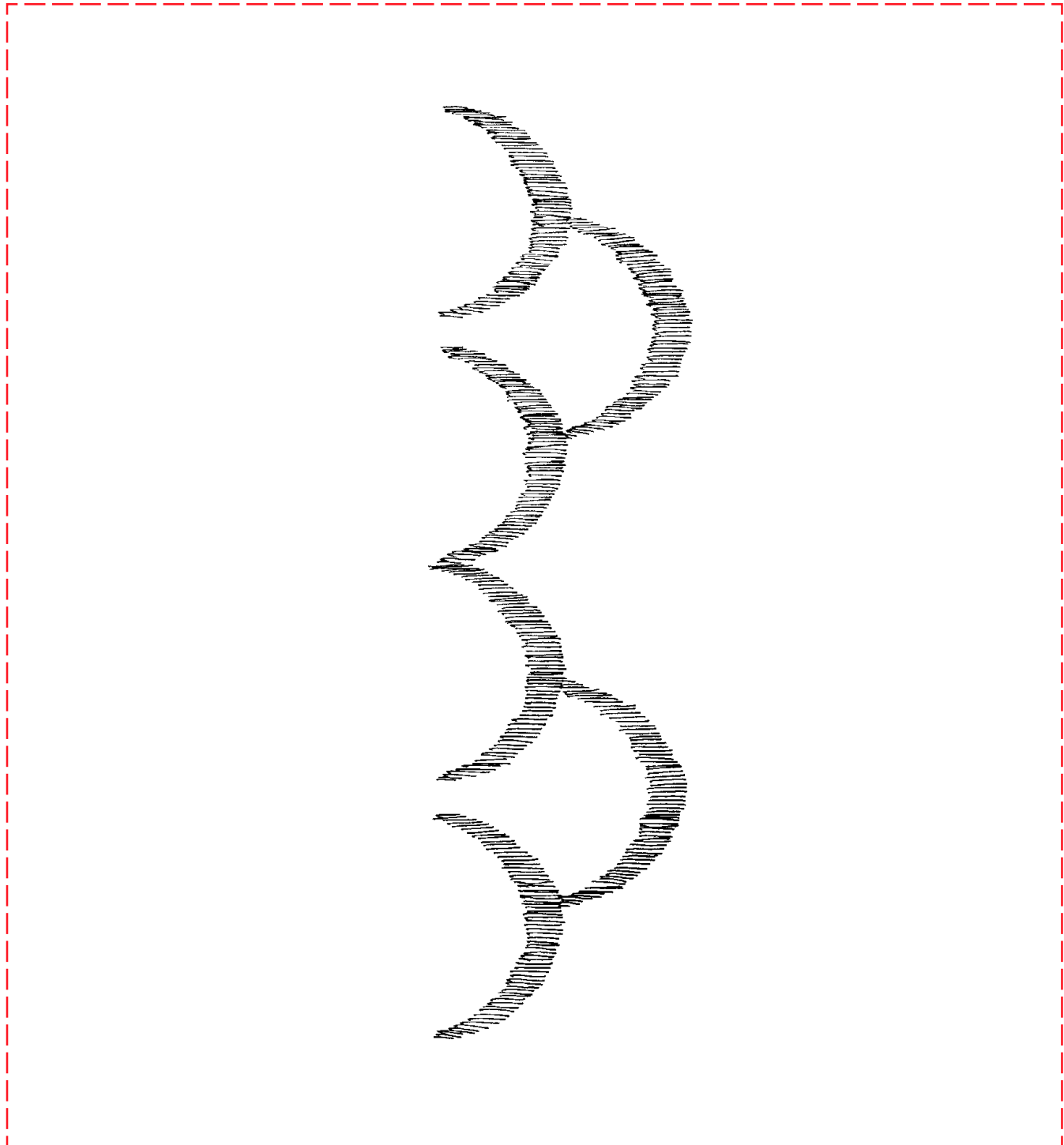
Save the stitch combination.

Stitch from one end of the fabric to the other, guiding fabric so that the + stays parallel and perpendicular to the presser foot.

Partially trim fabric from scallops. *Note: To create edging, trim fabric from outer edge, then apply YLI Pearl Crown Rayon to the edge using Embroidery Foot #6 or Clear Embroidery Foot #39 and a small zigzag stitch.*

Note: Some adjustments to stitch combination formulas may be necessary depending on the fabric, thread, and stabilizer used to create the stitch sample.

Stacked Scallop Edge Sample





Directional Quilting

(artista 730 only)

Fabric	two pieces cotton quilting fabric, 4" x 12"
Stabilizer	cotton needle-punched batting, 4" x 12"
Needle	90/14 Embroidery
Thread	30 weight cotton embroidery
Presser Foot	sideways Motion Foot #40C
Stitch	directional straight stitch
Needle Position	center

Notes

Affix the batting to the back of the fabric with a light application of HRFive spray adhesive. "Baste" the backing to the other side of the batting in the same manner to create a "quilt sandwich."

Select Combi Mode. Program the following stitch combination:

- stitch #39, direction 8, 1x,
- stitch #39, direction 4, 2x,
- stitch #39, direction 8, 3x,
- stitch #39, direction 12, 2x,
- stitch #39, direction 8, 2x,

Insert a Sub-Divider 1.

Program the following stitch combination:

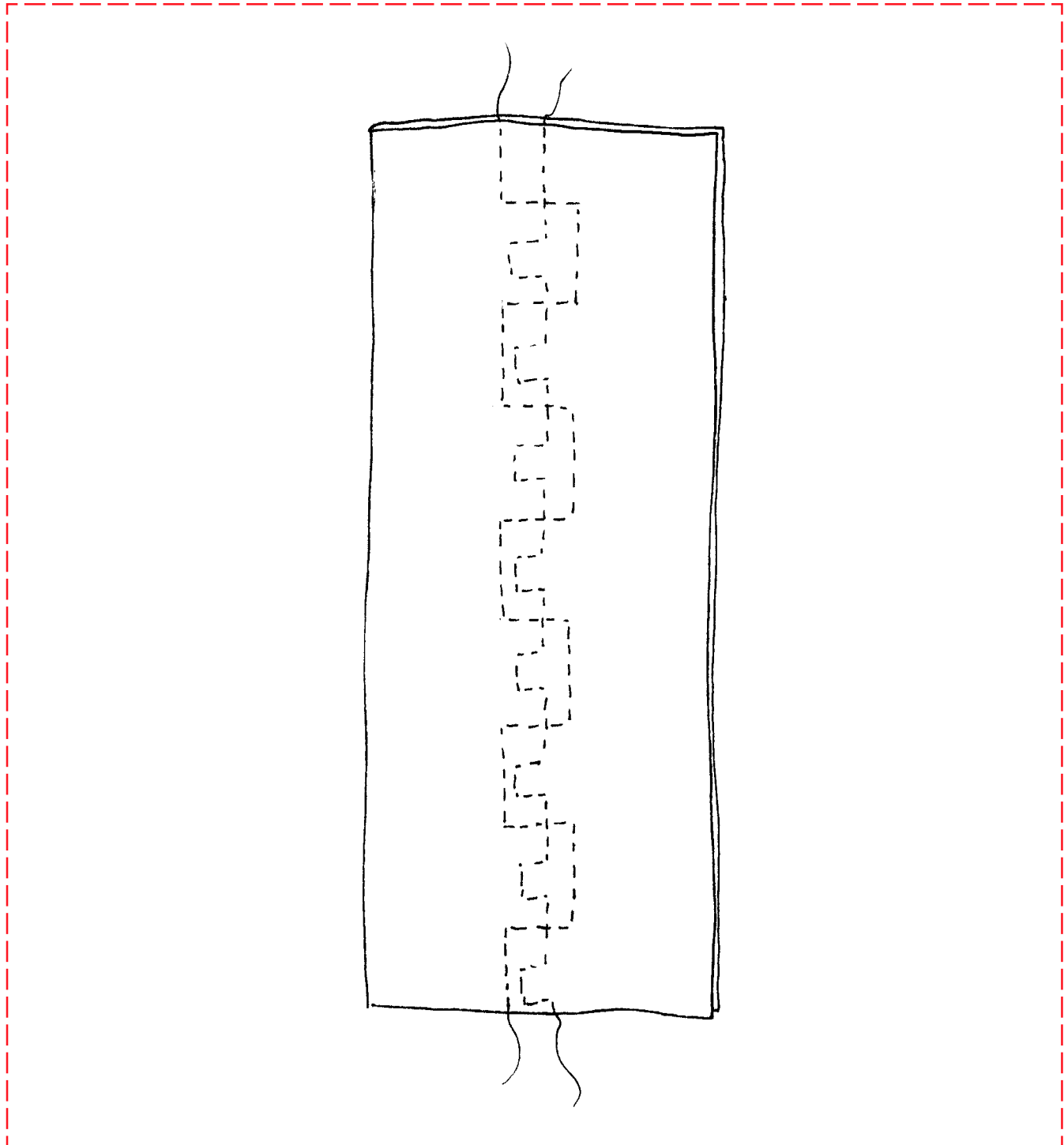
- stitch #39, direction 8, 2x,
- stitch #39, direction 12, 1x,
- stitch #39, direction 8, 1x,
- stitch #39, direction 4, 1x

Save to an empty file drawer.

Draw a line from one end of the fabric to the other, marking the center of the fabric. Engage Pattern Repeat 1X and stitch each stitch combination one time, aligning the center of the presser foot with the drawn line at the beginning of each line of stitching, and keeping the foot parallel to the line as the fabric moves from side to side under the foot.

Trim and mount the sample.

Directional Quilting Sample



Directional Baubles

(*artista* 730 only)

Fabric	firm, woven fabric, 8" x 12"
Stabilizer	heavyweight tear-away, 8" x 12"
Needle	90/14 Embroidery
Thread	30 weight cotton embroidery
Presser Foot	Sideways Motion Foot #40C
Stitch	as indicated
Needle Position	center

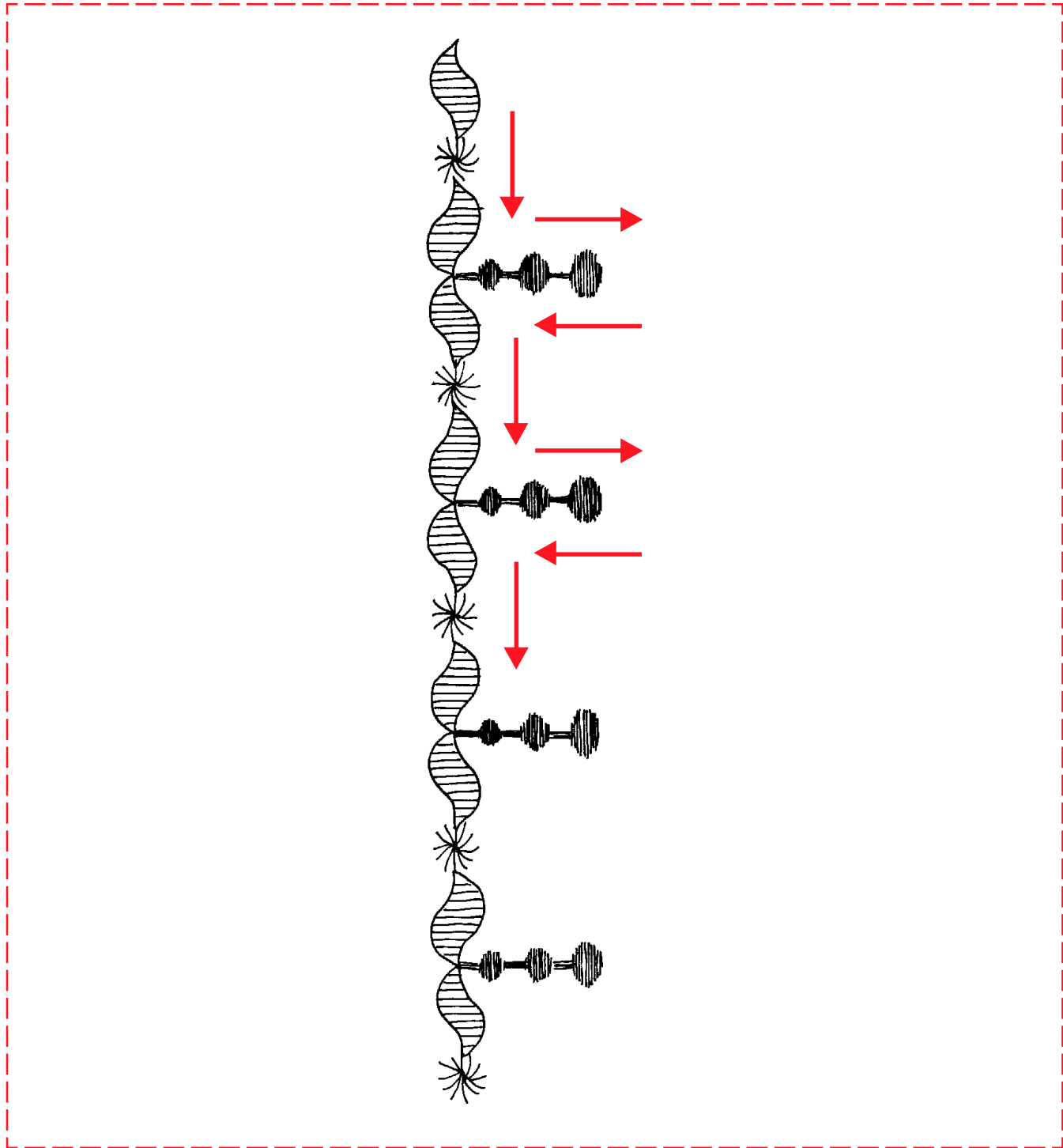
Notes

*This is a fun and different way to use the **artista** 730's directional capabilities. It makes use of the Sub-Divider 2 feature, which acts as a stop within a combination. A Sub-Divider 2 also allows you to continue sewing other parts of a stored stitch combination.*



- Select Combi Mode. Program the following combination of stitches:
 - stitch #654, stitch length = 2mm
 - stitch #651
 - stitch #654, SL=2, Up/Down Mirror Image
 - Sub-Divider 2
 - stitch #39, direction 4- 3x
 - Sub-Divider 2
 - stitch #431
 - Sub-Divider 2
- Save to an empty file drawer.
- Place the stabilizer under the fabric.
- Begin sewing the motif. After the first three patterns have been stitched the **artista** 730 will automatically stop at the Sub-Divider 2.
- Release the foot control, then begin sewing again. The **artista** 730 automatically moves to the directional section of the combination, then stops at the next Sub-Divider 2.
- Release the foot control. Raise the presser foot and pivot the fabric 180°. Resume stitching; the next stitch pattern stitches over the previous directional stitching. Again, the **artista** stops automatically at the end of the stitch pattern.
- Pivot 90° and continue sewing the combination as shown.
- Repeat to create an interesting linear embellishment.
- Trim and mount sample.

Directional Baubles Sample





Class 7

Product Reference List

Directional Stitching

Feet-ures, Volumes 1, 2, and 3

Sideways Motion Foot #40C

Embroidery Foot #6

Clear Embroidery Foot #39

BERNINA® Iron

Thread

Mettler 30 weight Cotton Embroidery

Needles

Embroidery

Microtex Sharp

Stabilizers

OESD Heavyweight Tear-Away

OESD Heavyweight Cut-Away

OESD Aqua Film

HRFive Spray Adhesive

Nifty Notions "Cut for the Cure" Rulers

Rotary Cutter and Mat

Temporary/Wash-Away Fabric Markers



Appendix

Stitch & Function Charts

Practical Stitch Chart
Selected Decorative/Quilting Stitches Chart
Selected Functions/Features

Function Icons & External Buttons

artista 630

artista 640

artista 730

Owner's Manual References Practical Stitch Chart

Practical Stitches	55	65	80e	90e	1008	220	230	240	430	440	630	640	730
Straight Stitch	2	2	2	2	1	1	1	1	1	1	1	1	1
Zigzag Stitch	3	3	3	3	2	2	2	2	2	2	2	2	2
Vari-Overlock	6	6	5	5	3	3	3	3	3	3	3	3	3
Running Stitch	--	--	--	9	7	4	4	4	4	4	4	4	4
Securing Stitch	--	--	--	--	--	5	5	5	5	5	5	5	5
Quilters' Securing St.	--	--	--	--	--	--	--	--	--	41	324	324	324
Triple Straight Stitch	7	15	S2	S2	9	6	6	6	6	6	6	6	6
Triple Zigzag	8	14	S3	S3	10	6	6	6	6	6	7	7	7
Honey comb	9	12	S4	S4	--	19	22	22	23	25	8	8	8
Blindstitch	4	5	12	13	3	7	7	7	7	7	9	9	9
Double Overlock	11	10	S6	S6	--	8	8	8	8	8	10	10	10
Super Stretch	--	--	--	--	--	9	9	9	9	9	11	11	11
Gathering (Bridging)	--	--	8	8	--	14	16	18	21	22	12	12	12
Stretch Overlock / Towelling	10	11	S5	S5	11	15	17	19	--	23	13	13	13
Jersey Stitch	--	--	--	--	--	--	18	20	22	24	14	14	14
Universal Stitch	--	7	6	6	4	17	20	23	24	26	15	15	15
Sewn-Out Zigzag	5	4	4	4	--	--	--	24	25	27	16	16	16
Lycra Stitch	--	--	--	--	--	18	21	25	26	28	17	17	17
Stretch Stitch	--	--	--	--	5	--	--	26	27	29	18	18	18
Reinforced Overlock	--	--	S12	S13	14	--	--	--	20	30	19	19	19
Knit Overlock	--	--	13	14	--	--	--	--	28	31	20	20	20
Basting Stitch	--	--	--	--	--	--	19	21	19	21	30	21	21



Owner's Manual References Practical Stitch Chart - continued

Practical Stitches	55	65	80e	90e	1008	220	230	240	430	440	630	640	730
Simple Darning	--	--	--	--	--	13	15	17	18	20	22	22	22
Reinforced Darning	--	--	--	--	--	--	--	--	--	--	23	23	23
Bartack 1	--	--	--	--	--	--	--	--	--	--	24	24	24
Bartack 2	--	--	--	--	--	--	--	--	--	--	25	25	25
Fly Stitch - large	--	--	--	--	--	--	--	--	--	--	--	26	26
Fly Stitch - small	--	--	--	--	--	--	--	--	--	--	27	--	27
Narrow Blindstitch	--	--	--	--	--	--	--	--	--	--	--	--	29
Standard Buttonhole	1	1	1	1	yes	10	10	10	10	10	51	51	51
Heirloom / Narrow BH	--	--	--	--	--	--	--	11	11	11	52	52	52
Stretch Buttonhole	--	--	--	--	--	--	--	12	12	12	53	53	53
Round Buttonhole 1	--	--	--	--	--	--	--	--	--	13	54	54	54
Round Buttonhole 2	--	--	--	--	--	--	--	--	--	--	--	55	55
Keyhole Buttonhole 1	--	--	--	--	--	11	11	13	13	14	56	56	56
Keyhole Buttonhole 2	--	--	--	--	--	--	--	--	--	--	--	--	57
Keyhole Buttonhole 3	--	--	--	--	--	--	--	--	--	--	--	--	58
Straight Stitch BH	--	--	--	--	--	--	12	14	14	15	59	59	59
Hand-look Buttonhole	--	--	--	--	-	--	--	--	15	16	63	63	63
Button Sew-On	--	--	--	--	--	12	13	15	16	17	60	60	60
Narrow Zigzag Eyelet	--	--	--	--	--	--	--	--	--	18	61	61	61
Straight Stitch Eyelet	--	--	--	--	--	--	14	16	17	19	62	62	62



Owner's Manual References Selected Decorative/Quilting Stitches

Dec/Quilt Stitches	55	65	80e	90e	1008	220	230	240	430	440	630	640	730
Outline Heart	--	--	--	--	--	--	--	85	127	156	712	712	712
Satin Stitch Heart	--	--	--	--	--	32	46	55	76	99	413	413	413
Feather	--	--	S8	S8	--	--	37	44	53	48	332	332	332
Straight Stitch Scallop	--	--	--	--	--	--	--	--	131	160	719	719	719
Blanket	--	13	14	15	--	28	34	41	50	45	329	329	329
Double Blanket	--	--	--	--	--	--	35	42	51	46	330	330	330
Entredeux	--	--	--	--	--	--	59	76	118	147	701	701	701
Star	--	--	--	--	--	--	64	84	126	155	711	711	711
Satin Stitch Scallop	12	8	11	12	8	34	48	58	79	102	416	416	416
Satin Stitch Triangle	--	--	--	--	--	29	42	49	66	89	401	401	401
Hand-Look Quilt St.	--	--	15	16	--	27	33	40	49	44+	328+	328+	328+
Hand-Look Applique	--	--	--	--	--	--	36	43	52	47	331	331	331
Floral (tulips)	--	--	--	--	--	20	23	27	29	64	101	101	101
Stipple	--	--	--	--	--	26	32	39	48	43	327	327	327+
Ladder Stitch	--	--	--	--	--	--	60	77	119	148	702	702	702
Directional Straight St.	--	--	--	--	--	--	--	--	--	--	--	--	39
Directional Zigzag	--	--	--	--	-	--	--	--	--	--	--	--	40
Turtle	--	--	--	--	--	--	--	--	--	--	907	907	907
"Swoosh"	--	--	--	--	--	33	47	56	77	100	414	414	414
Leaves / Bow	--	--	--	--	--	43	65	88	130	159	717	717	717

Note: + indicates that additional stitches are available.

Owner's Manual References Selected Functions / Features




Functions / Features	55	65	80e	90e	1008	220	230	240	430	440	630	640	730
Long Stitch / Function	--	--	--	--	--	--	--	--	--	42/--	Yes/--	Yes/Yes	Yes/Yes
Pattern Extend 2-5x	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes
Pattern Begin	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes
Right/Left Image	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Up/Down Mirror Image	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes
Pattern End	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pattern Repeat 1-9x	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes
Balance	--	--	--	--	--	Dial	Dial	--	Yes	Yes	Yes	Yes	Yes
Double Needle Limit.	--	--	--	--	--	--	--	Dial	--	--	Yes	Yes	Yes
Wing Needle Limit.	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes
Tension	Dial	Dial	Dial	Dial	Dial	Dial	Dial	--	Dial	Dial	Dial	Yes	Yes
Continuous Reverse	--	--	--	--	--	Yes	Yes	Dial	Yes	Yes	Yes	Yes	Yes
Needle Stop Up/Down	--	--	Yes	Yes	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Securing Function	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes
Motor Speeds	--	--	Slide	Slide	--	2	2	--	Slide	Slide	Slide	Slide	4
Memory	--	--	--	--	--	30	30	2	60	90	Yes	Yes	Yes
Personal Program	--	--	--	--	--	--	--	30	--	--	Yes	Yes	Yes
Favorite Function	--	--	--	--	--	--	--	--	--	--	--	--	Yes
Alphabets	--	--	--	--	--	1	2	--	2	3	4 (A/a)	5 (A/a)	6 (A/a)
Monograms	--	--	--	--	--	--	--	3	--	--	--	--	3 sizes
Auto Thread Cutter	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes
Stitch Selection 0-9	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes

artista 630 Functions



Basic Functions

-  Pattern Extend 2-5x
-  Right/Left Mirror Image
-  Up/Down Mirror Image
-  Balance
-  Security Program
-  Continuous Reverse
-  Securing Function
-  Pattern Repeat 1-9x
-  Stitch Selection by Number

Buttonhole Functions

-  Recording
-  Length On-Screen Measurement
-  Manual

Alphabet Functions

-  Alphabet Size (size 1 active)
-  Upper case/Lower case

External Buttons

Needle Position Buttons - 1

Needle Stop Up/Down - 2


Pattern End - 3

Slide Speed Control - 4

Stop/Start Button - 5










Securing Function - 6

Quick Reverse Button - 7






artista 640 Functions



Basic Functions

-  Long Stitch
-  Pattern Extend 2-5x
-  Right/Left Mirror Image
-  Up/Down Mirror Image
-  Tension
-  Balance
-  Security Program
-  Continuous Reverse
-  Securing Function
-  Pattern Repeat 1-9x
-  Stitch Selection by Number

Buttonhole Functions

-  Recording
-  Length On-Screen Measurement
-  Manual

Alphabet/Monogram Functions

-  Alphabet Size (size 1 active)
-  Upper case/Lower case
















External Buttons

- Needle Position Buttons - 1
- Needle Stop Up/Down - 2
- Pattern End - 3
- Slide Speed Control - 4
- Stop/Start Button - 5
- Thread Cutter - 6
- Quick Reverse Button - 7







artista 730 Functions




Basic Functions

-  Long Stitch
-  Pattern Extend 2-5x
-  Pattern Begin
(with Favorite Function indicated)
-  Right/Left Mirror Image
-  Up/Down Mirror Image
-  Stitch Counter
-  Needle Stop Adjustments
-  Tension
-  Balance
-  Security Program
-  Continuous Reverse
-  Securing Function
-  Pattern Repeat 1-9x
-  Motor Speed
-  Stitch Selection by Number

Buttonhole Functions

-  Recording
-  Length On-Screen Measurement
-  Manual
-  Stitch Counter

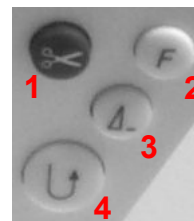
Alphabet/Monogram Functions

-  Alphabet Size (size 1 active)
-  Upper case/Lower case
-  Monogram Size (size 1 active)

External Buttons

Head Frame

- Automatic Thread Cutter - 1
- Favorite Function Button - 2
- Pattern End Button - 3
- Quick Reverse Button - 4



Machine Right Front

- Needle Position Buttons - 1
- Creative Consultant - 2
- Clear Button - 3
- Tutorial - 4
- Setup Button - 5