

BERNINA
 Embroidery
 Software 7

Running with Blackwork

Created by Debbi Lashbrook

Use *BERNINA Embroidery Software 7* and *BERNINA DesignWorks Software* to create a great setting for your table.

Supplies

Machine & Accessories

- BERNINA Embroidery Software 7, DesignerPlus
- BERNINA DesignWorks Software (for optional painted flower)
- BERNINA Embroidery Machine (compatible with PaintWork Tool for painted flower)
- BERNINA Large Oval Hoop
- BERNINA Mega Hoop
- BERNINA Teardrop Embroidery Foot #26
- BERNINA Echo Quilting & CutWork Foot #44C
- BERNINA Reverse Pattern Foot #1C/1D
- BERNINA Edgestitch Foot #10C/10D
- BERNINA CutWork Tool (optional for StumpWork flower)
- BERNINA PaintWork Tool #93 (optional for painted flower)
- Straight Stitch & CutWork Stitch Plate

Notions

- Linen or linen-like fabric, something that ravels nicely; two 13" X 19" pieces for each placemat and one 16" x 16" piece for each napkin
- Isacord thread of your color choice
- OESD Stabilizers:
 - OESD BadgeMaster
 - OESD Light Weight Tear-Away
 - OESD StabilStick Tear-Away (for painted flower)
- 505 Temporary Spray Adhesive
- 24-26 gauge wire for StumpWork flower
- Buttons for flower centers
- Fabric pen of your choice for painted flower
- Floral wire and tape for flowers



Creating a Plan



- Open BERNINA Embroidery Software 7.
- From the Application Launcher, choose the Quilter program.



- Select Quilt Layout.
- In the dialog box, select these options:
 - Select Rectangular format.
 - Enter 1 in the Blocks Across & Blocks Down.
 - Enter 19 in the Width and 13 in the Height.
 - Select OK.



- Right click on the Show Grid icon. Place a check mark by Show Grid.
- Change the Horizontal and Vertical Grid spacing to 1". Press OK.



- Click on Show All.



- Select the Rectangular Appliqué icon and draw a rectangle the desired size for the Blackwork area by clicking and dragging and clicking again. The sample used 10 x 4". Use the 1" grid lines to size the rectangle.
- Save as the Blackwork Placemat and close the Quilter program.

Drawing the Guidelines



- Right click on the Show Hoop icon. In the dialog box, select BERNINA Mega Hoop, 400 x 150, #26. Select OK.



- Select the Rectangle tool from the Digitizing Toolbox and the Single Outline from the Stitch Toolbar. Draw a rectangle.



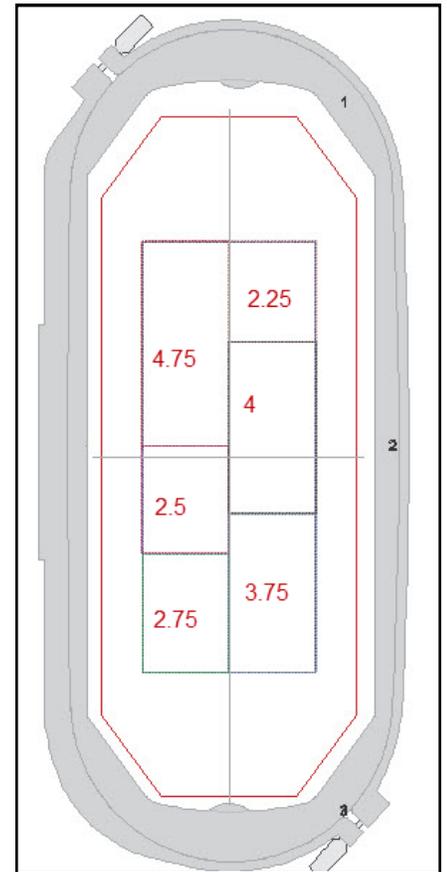
- Press Esc; then select the rectangle. Make sure that Proportional Scaling is unlocked.



- Change the Width to 4" and change the Height to 10". Press Enter.
- Press Esc. Reselect the Rectangle tool.
- Select another color and draw six more rectangles within the one large rectangle. Don't worry about the sizes as you draw. Press Esc.
- Select each rectangle and change the size in the Transform toolbar. Enter 2" in the Width for each rectangle and use the different Heights as shown in the diagram. Press Enter to activate each change.

Notes

Use the Quilter Program in the software to plan your layout for your design. Using the Quilter program helps you select the proportion you like.





- While holding the Ctrl key, select the top two rectangles and the large rectangle (use Color Film to select the large rectangle).



- In the Arrange Toolbox, select Align Top.



- Select the bottom two rectangles and the large rectangle while holding the Ctrl key. Select Align Bottom.

- Move the two center rectangles so their horizontal edges just touch the top and bottom rectangles. Zoom in as needed.

- Hold the Ctrl key and select the three small triangles on the left. Select the large rectangle in Color Film.



- In the Arrange Toolbox, click on Align Left.



- Repeat for the small rectangles on the right, but choose Align Right.

Adding & Editing the Blackwork Fill

- Select the first rectangle (upper left corner).

- In the Zoom Toolbar, select To Selected.



- Right click on Blackwork Fill in the Stitch Toolbar.

- Click on the Select button. Click on Show in True View.



- Select B0056a; then click Apply.

- Select the middle left rectangle and right click on the Blackwork Fill.

- Click on the Select button and select B80017a, change the size of the X and Y to .25 inches, change the column and row spacing to .3 inches.

- Click Apply.

- Select the lower left rectangle and right click on the Blackwork Fill icon.

- Click on the Select button and find B80007a.

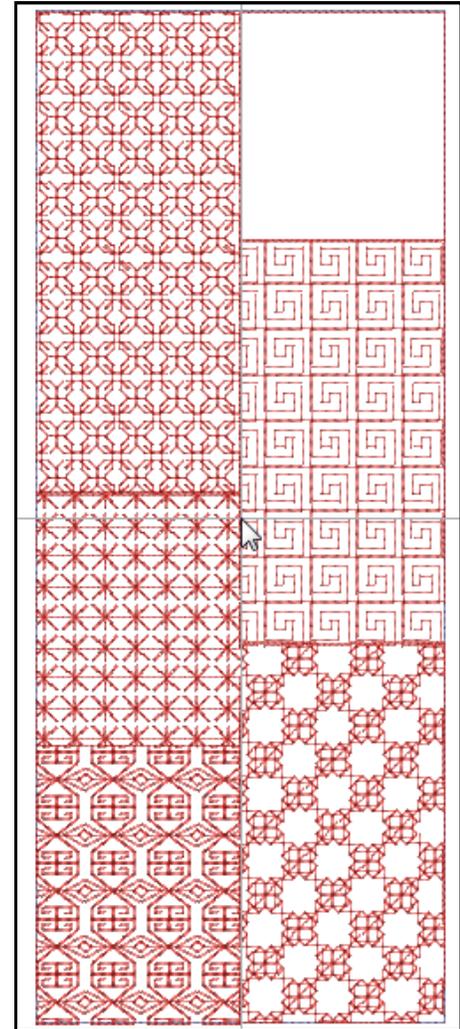
- Change the Size of the X and Y to .55 and the Column and Row Spacing to .55. Click Apply.

- Select the lower right rectangle. Right click on Blackwork Fill.

- Press the Select button and select B80066a.

- Change the Rotation angle to 45. Press Apply.

Notes



By altering the X and Y sizes, the column and row spacing, the rotation angle, and the offset, you can edit the look of the Blackwork fill.



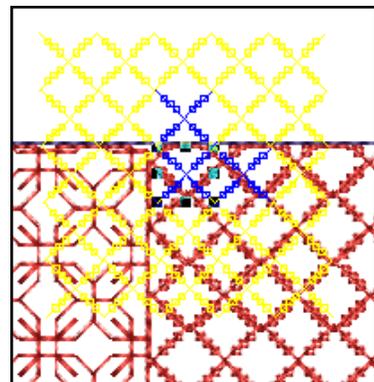
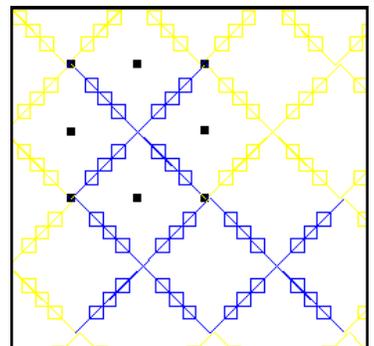
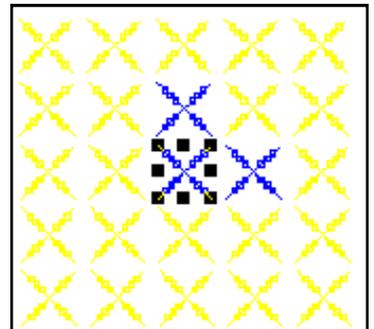
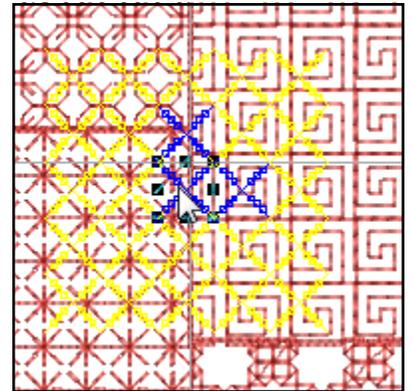
- Select the middle right rectangle. Right click on Blackwork Fill.
- Press the Select button and select B80005b.
- Change the Size of X & Y and the Column and Row Spacing to .45.
- Press Apply.

Fussy Cutting Blackwork

- Select the top right rectangle and right click on Blackwork Fill.
- Press Select and choose B800025a.
- Click on Layout.
 - The center blue stitch should be selected. Click in the center of this selected stitch and drag the layout off to the side of the design so it is more visible if it is on top of your Blackwork design.
 - Rest your cursor on a corner resizing handle of the middle stitch and drag toward the middle of the blue stitch. This makes the pattern smaller.
 - Select the blue stitch to the right of the center stitch and drag so that it touches the middle blue stitch. Repeat this for the blue stitch at the top. This will realign the grid stitch pattern.
 - Reselect the center blue stitch and drag to place on top of the upper right rectangle so that the cross aligns with the corner of the rectangle. Release your mouse.
 - Press Enter to activate. The pattern realigns the way you placed it on the rectangle.
- You may fussy cut any of the other rectangles as well by selecting the rectangle, opening Object Properties, clicking on Layout, and moving the center blue stitch to align as you wish. Press Enter to activate.
- Close the Object Properties Dialog box.
- Press Esc.

Notes

You can also visually edit the Blackwork design.



With Snap To Grid activated, the grid will change colors when the cursor rests on the straight grid line. Use this feature to draw a perfect rectangle.

Adding Satin Outlines



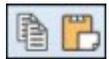
- Right click on Raised Satin Outline.
- In Object Properties, change the layers to 2 and the Satin Width to 3mm.
- Select OK.



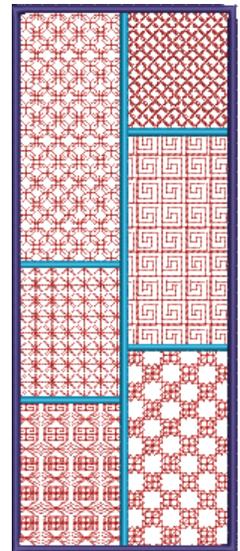
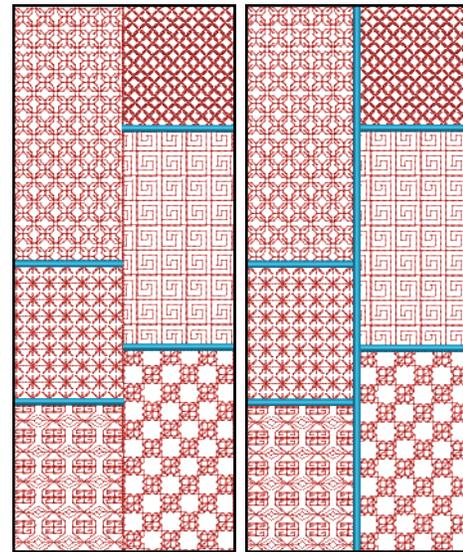
- Select the Open Object tool in the Digitize Toolbox.
- Select a contrast color and digitize along the horizontal lines in between the rectangles. Use two left clicks and hold the Ctrl key to keep the satin line on plane. Press Enter to activate each line.
- Place another straight line down the center of the large rectangle while holding the Ctrl key and placing two left clicks..
- Press Esc.



- In Color Film. select the single outline rectangle.
- Select Copy; then Paste.
- Right click on the Raised Satin outline.
- In Object Properties, change the Width to 3.5 mm. Click OK.
- Select Design> Auto Start & End.
- Place a dot in front of First Stitch of Design and a dot in front of Last Stitch of Design. Press OK.
- Select File> Save As and name the file, Blackwork Placemat.
- You may send the design as it was saved to the machine, but for a more efficient stitch out, refer to the handout, Increasing the Efficiency of the Stitch Out.



Notes



Blackwork Napkin

Creating a Blackwork Run Stamp



- Select New.



- Right click on the Show Grid icon.
 - Make sure that Show Grid and Snap to Grid are checked.
 - Change both the Vertical & Horizontal Grid Spacing to .5 inches.
 - Press OK.



- Right click on Blackwork outline in the Stitch toolbar. Press Select and choose B0002a. Press OK.



- Select the Open Object tool and digitize an object four grids long. Use two left clicks and then press Enter.

- Press Esc; then select the object.



- Open the Carving Stamp dialog box; click on Use Object.

- Activate Auto Hide to keep the dialog box open.



- Press Start Selecting and drag a bounding box over the Blackwork Run outline. The outline will appear in the preview box.

- To save the stamp, click on Add to Library. Click on Create to add a new stamp set. Name the Set. Click OK.

- Name the Stamp, Blackwork Run. Press OK.

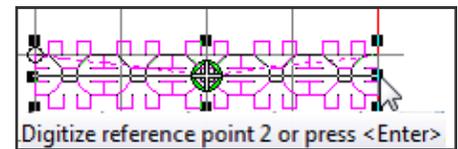
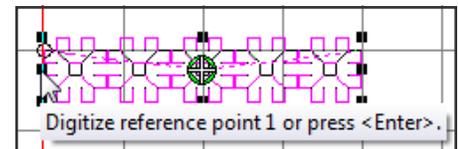
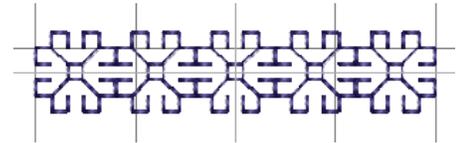
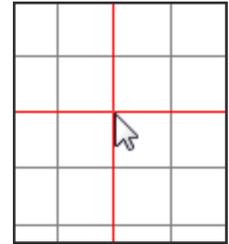
- Left click in the middle of the design on the left side; drag across the design and left click in the middle of the design on the right side.

- Click OK in the dialog box that indicates that you have successfully created the stamp.

- Close the file; you do not have to save this file.

Notes

When Snap to Grid is activated, the grid lines change colors when your cursor is at the intersection.



Creating the Corner Napkin Design



- Select New.



- Right click on the Show Grid icon.
 - ♦ Make sure that Snap to Grid and Show Grid are checked.
 - ♦ Change both the Horizontal & Vertical Grid Spacing to .25 inches.
 - ♦ Press OK.



- Click on Satin Fill in the Stitch toolbar.



- Select the Closed Object tool and digitize an “L” shape using the dimensions in the diagram to the right. The numbers represent grid spaces—not inches. The shape will be digitized with six left clicks; then press Enter. Press. Esc.



- Select the shape. In the Edit Toolbox, select Add Stitch Angles.
- Digitize three lines across the shape, all with left clicks, as shown in the illustration. Press Enter to activate the multiple angles.

Adding Stamps

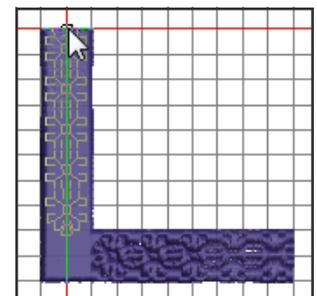
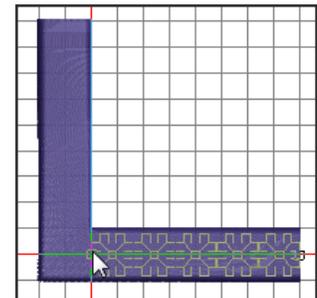
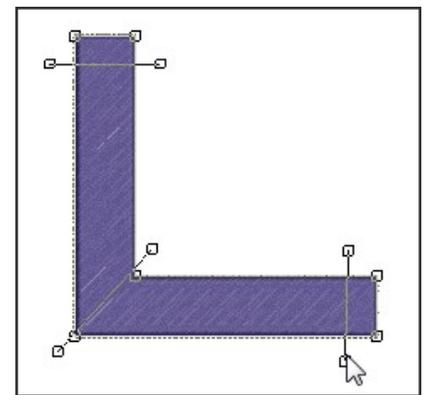
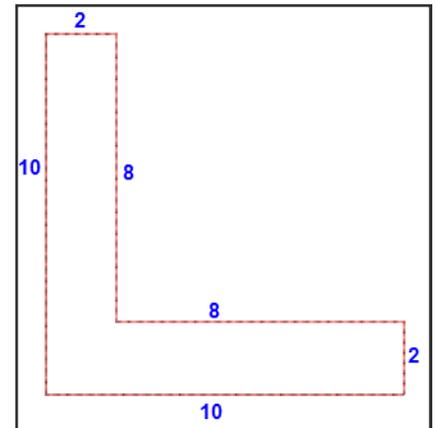


- Open the Carving Stamp dialog box. Press zero on the keyboard.
- Select the Use Pattern tab and navigate to your newly created set. Select the Blackwork Run stamp. Click on Use Stamp.
- Using Snap to Grid as a guide, add the Blackwork Run stamp to the lower part of the satin L. Left click at the middle of the base of the L; then drag across the satin object and left click again.
- Left click to add the stamp to the upright portion of the L, drag to the top of the upright portion and click again. Press Esc.



- Select Pattern Stamp from the Digitize Toolbox.
- In the Select Pattern dialog box, select Blackwork Stitches from the Patterns list. Select B0002a. Click OK.
- Set a stamp in the corner of the design with two left clicks. Press Esc.
- Select the stamp and change the color to match the color of the satin fill.

Notes



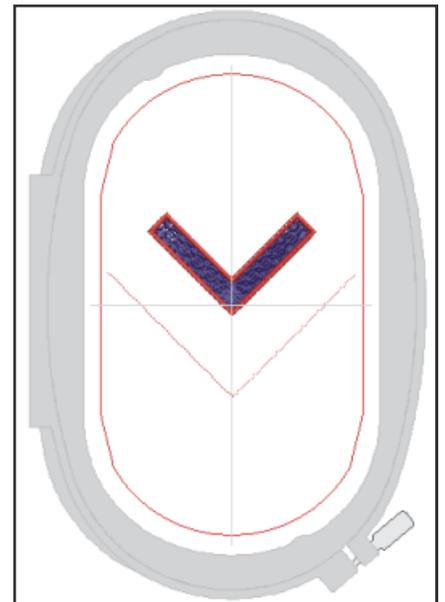
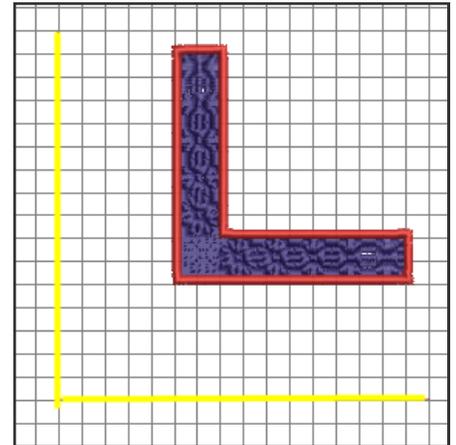
Add an Outline; Create the Placement Line

- Select the design.
- In the Edit Toolbox, select Outline Design.
- Change the Offset to 0 and select Satin for the Outline type.
- Choose a contrasting color and click OK.
- Right click on the satin outline and change the Satin Width to 2 mm. Click OK.
- Select the Open Object tool in the Digitize Toolbox.
- Select another contrasting color.
- Create a corner with three left clicks five grid spaces away from each edge of the satin outline. Press Enter to activate.
- Select Edit> Select All. Click on Rotate Left once.
- Make sure that the design fits within the Large Oval Hoop.
- Save the design as Blackwork Napkin and send to the machine of your choice.

Stitching the Placemat

- Place BadgeMaster in the Mega Hoop and place the placemat fabric so the fabric is centered horizontally in the hoop and the left edge will just be caught in the left edge of the hoop.
- Stitch the single outline; then the Blackwork fills.
- The color stop for the satin stitch outline is left in the file so that you may insert a piece of Lightweight Tear-Away under the hoop before the raised satin stitches begin stitching. Stitch the satin outline.
- Remove the placemat from the hoop and remove the stabilizers.
- Place the second layer of fabric under the embroidered placemat and pin the layers together.
- In sewing mode, select stitch # 11 and move the needle position two left of center. Stitch around the placemat, pivoting at the corners.

Notes

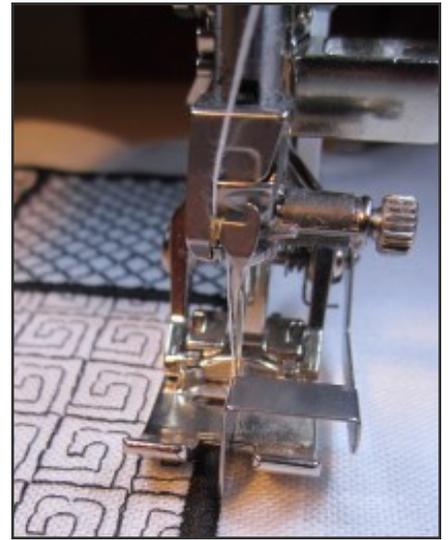


- Switch to the Edgestitch Foot #10 or 10D and stitch #1 and stitch around the Blackwork filled area to attach the lining to the placemat.
- Fringe the edges of the fabric to the stitching line.

Stitching the Napkin

- Place BadgeMaster in the Large Oval Hoop.
- Stitch the placement line on the stabilizer.
- Lightly spray the stabilizer with 505 Temporary Spray Adhesive.
- Place the napkin over the placement line and embroider the remainder of the design. The machine will stop before the satin outline stitches so that you can insert a piece of Tear-Away under the hoop.
- Remove the napkin from the hoop and remove the stabilizers.
- In sewing mode, select stitch # 11 and move the needle position two left of center. Stitch around the placemat, pivoting at the corners.
- Fringe the edges of the fabric to the stitching line.

Notes



Blackwork Flower



- Open a new file.



- Switch to Art Canvas. Navigate to the saved picture file, Welded Flower.



- Select Import; press Enter. Click on Convert Artwork to Embroidery.



- While the design is selected, right click on the Blackwork Fill icon in the Stitch Toolbar.

- Click on Select; then select B0008a. Press OK.



- Open the StumpWork Toolbox. Click on Create StumpWork Border.



- Click on the Object Properties button in the Create StumpWork border dialog box.

- Select your desired gauge of wire and click OK. Click OK again. Press Esc.



- While the design is selected, click on Create StumpWork Sub-Design; then open StumpWork Sub-Design.



- Select Files> Save As and save the design as Blackwork Flower.

- Send the design to the machine for stitching. Close the file.

Painted Blackwork Flower



- Select New.



- In the Digitize Toolbox, select the Rectangle Tool. Select the Single Outline in the Stitch Toolbar.



- Hold down the Ctrl key and draw a square. Press Esc.

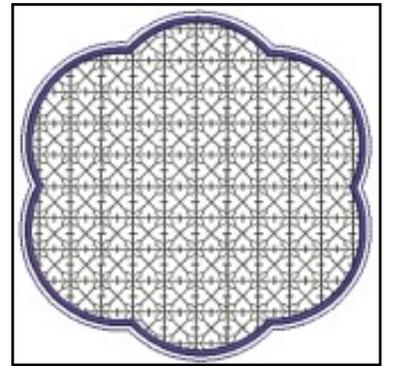
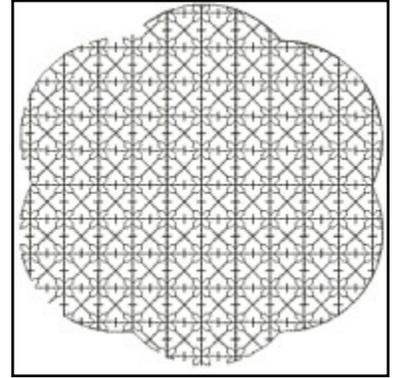


- Make sure Proportional Scaling is locked and the square is selected.
- Change the value of the Width or Height to 5". Press Enter to activate.



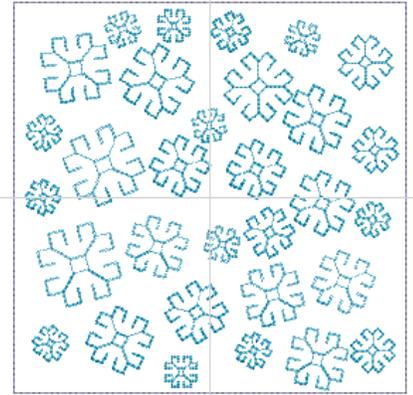
- In the Digitize Toolbox, select Pattern Stamp.
- In the Select Pattern Dialog box, select Blackwork Stitches from the drop-down Patterns selection.

Notes



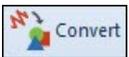
- Choose B0002a. Click OK.
- Randomly scatter pattern stamps within the square with two left clicks.
 - You can rotate the stamps by moving your cursor before clicking the second click.
 - You can resize the stamps by holding the Shift key as you drag to place the second click. Press Esc.

Notes

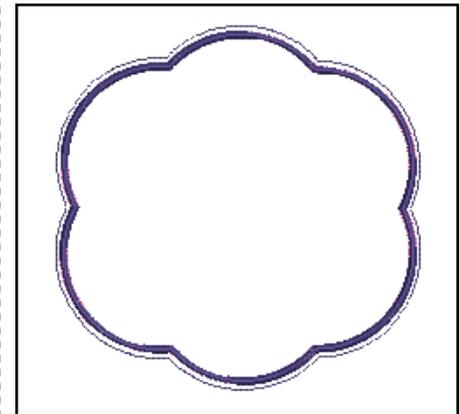


- Select Edit> Select All and click on Convert Embroidery to Artwork.
- While the artwork is selected, click on the Outline icon and select 2 pt. for line thickness.
- Select Copy.
- Open DesignWorks and select Create New and work through the wizard to select New Graphic for the Artwork Source and then click Finish.
- Select Paste. Export the design to the machine for painting.

StumpWork for the Painted Blackwork Flower



- Open a new file in BERNINA Embroidery Software.
- Switch to Art Canvas. Navigate to the saved picture file, Welded Flower.
- Click on Import; then press Enter.
- Click on Convert Artwork to Embroidery.
- While the flower is selected, click on Step Fill in the Stitch Toolbar.
- Open the StumpWork Toolbox. Click on Create StumpWork Border.
- Click on the Object Properties button in the Create StumpWork border dialog box. Select your desired gauge of wire and click OK. Click OK again. Press Esc.
- In Color Film, select the Step Fill flower. Press Delete.
- Reselect the StumpWork Border. Click on Create StumpWork Sub-Design; then Open StumpWork Sub-Design.
- Send the design to the machine for stitching. Save the design as Stump-Work Border. Close the file.



Stitching the Blackwork Flower

- Change the throat plate to the Straight Stitch & CutWork throat plate.
- Hoop BadgeMaster and the fabric in the Large Oval Hoop.
- Stitch the Blackwork flower; then the placement line for the wire.
- Reduce the speed of the embroidery machine and use the foot control to stitch the tack down stitch. Bend the wire to fit within the placement lines as you stitch around the flower.
- When the tack down is completed, clip the ends of the wire with wire cutters.
- Increase the speed for the cover stitch. Stitch the stabilizing stitch.
- Remove the thread and the needle. Place the CutWork blade in the machine and cut around the flower, turning the blade as indicated by the machine.
- Sew on a button in the middle of the flower and place on florist wire and wrap the stem to hold in place. Bend the wire in the flower as desired.

Stitching the Painted Flower

- Place the BERNINA Paintwork tool on the machine.
- Hoop StabilStick Tear-Away in the Large Oval Hoop; remove paper.
- Paint the placement line on the stabilizer.
- Place a piece of fabric on top of the stabilizer using the placement line as a guideline. Paint the Blackwork pattern stamps.
- Keep the fabric hooped and select the StumpWork Border design.
- Follow the same stitching steps as with the Stitched Flower to add a StumpWork border around the painted flower.
- Fold this flower in half and create a tuck at the folded edge.
- Sew a button at the base of the tuck and attach to florist wire to create the flower stem. Bend the wire in the flower as desired.

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Notes

