Creative Fills

NOTES:

Setting Up the File

- Open a New Blank Design.
- Right click on Show Hoop.
  - Select BERNINA 8 Series for the Machine.
  - Select BERNINA Jumbo Hoop for the type of hoop.
  - Make sure Show hoop is checked.
  - Click OK.
- Switch to Artwork Canvas.
- Change the page size to 10” x 16”. Press Enter. This represent the approximate size of the Jumbo Hoop.
- Select the Vector Ellipse. Draw a circle in the middle left of the page while holding the Ctrl key. See illustration.
- Click on Lock Ratio.
- Change the size to 1”. Press Enter.
- In the lower right corner of the page, draw another circle, holding the Ctrl key as you draw.
- With this circle selected, change the dimension to 3”. Press Enter.

The Vector Ellipse is found with the Vector Rectangle tool. Click and hold on Vector Rectangle; then select the Vector Ellipse.

Blending the Circles

- Select the Pick tool. Move the circles if needed.
- Select the Blend tool.
- Hold the Alt key and draw an curved line, arching from the small circle to the top of the page and then joining with the large circle.
- In the Property bar, change the number of repeats of the blend to eight.
- Press Enter.
- Select the Pick tool.
- Right click on the blend and select Break Blend Apart.
- Deselect.
- Right click on the circles created with the blend and select Ungroup Objects.
- Deselect.
- Move the circles to spread them out so they do not overlap.
- Select Ctrl + A.
- Click Convert Artwork to Embroidery.
- Select File> Save as and name the file, Creative Fills.
- Click OK.

Using the blend tool is a fast way to make graduated sizes of circles.

If you click on the circles and select all of them even after ungrouping, just press Delete. This will get rid of the blend line that is invisible, but in the background. It

Circle One: Elastic Fancy Fill

- While all the circles are selected, change the color as desired.
- Deselect; then select the smallest circle.
- Click on Satin Fill.
- Right click on Elastic Fancy Fill.
  - Place a check mark by Elastic Fancy Fill.
  - Choose your desired Fancy Fill. Sample shows 005.
  - Choose an option under the preview window. Single Row was chosen in the sample. Click Apply.

Circle Two: Fancy Fill

- Select the next circle.
- Right click on Fancy Fill in the Stitch Toolbar.
- Click on the drop-down arrow by pattern and select 046, Crazy.
- Change these properties:
  - Size X: 12
  - Size Y: 10.4
  - Stitch Spacing: .50
  - Column Spacing: 12
  - Row Spacing: 7
  - Row Offset: 5.5
  - Press Apply.

Circle Three: Cross Stitch

- Select the next circle.
- Right click on the Cross Stitch icon.
- Change these properties:
  - Fabric Count: 6
  - Stitch style: Upright Cross
  - Press Apply.

- Select Copy; then Paste.
- Change the color to a contrast color.
- In Object Properties, change the Fabric Count to 8.
- Press Apply.

- Select Outlines and Offsets in the Edit Toolbox.
  - Check Object Outlines.
  - Uncheck Offset Outlines.
  - Choose a Backstitch for the stitch type.
  - Choose a color. Press OK.

Circle Four: Color Blending

- Select the next circle.
- Click on Step Fill.
- Select Color Blending in the Edit Toolbox.
- Select Profile 1.
- Select a color for the Bottom layer and a color for the Top layer. Click OK. The sample has Color 2 for the bottom and Color 5 for the top.

NOTES:

Only a Satin object or a Raised Satin object can be converted to an Elastic Fancy Fill.

Apply keeps Object Properties and Effects open.

The default properties (except for Stitch Spacing) were all multiplied by .75 to arrive at the new amount.

By keeping the proportions of the original properties the same, the original look of the fill is maintained.

There is no preview for color blending. If you wish to change the object, you must click Undo.

Circle Five: Gradient Fill

- Select the next circle.
- Right click on Step Fill.
- Click on Effects. Choose the Gradient Fill tab.
- Place a check mark by Gradient Fill.
- Change the Profile to # 2.
- Change the Maximum Spacing to 3.5 mm.
- Press OK.
- Click again on the circle and rotate the circle as desired. This will change the position of the heavy density.

- Add a Single outline to this circle by selecting Outlines and Offsets, choosing Single as type, choosing a color, and pressing OK.

Circle Six: 3-D Globe

- Select the next circle.
- Right click on Pattern Fill. This applies the default pattern to the object.
- Click on Select.
- From the drop-down arrow, choose Bernina V5.
- Choose NP005-17 from the choices.
- Click OK; then Apply.

- Select 3D Globe in the Stitch Toolbar.
- Select the Outlines & Offsets icon in the Edit Toolbox.
- Select a Single outline and choose a color; press OK.

Circle Seven: Lacework + Wave

- Select the next circle.
- Right click on Lacework.
- Change the Size X, Size Y, Column Spacing, and Row Spacing to 0.20”.

- Click Apply.
- Select Copy; then Paste.

- Change the Copy to a contrast color.
- Click on the Wave icon.

- Select Reshape.
- Add another curved control point along the reference line by right clicking on the line.
- Move the new control point down. See illustration.
- Press Esc.

- Add an outline to this design by clicking on Outlines and Offsets. Choose the Single outline and a color. Click OK.
- You can rotate the Wave fill object if you wish.

NOTES:

Circle Eight: Reduced Density Fill

- Select the next circle.
- Right click on Step Fill.
- Choose Step pattern #9. Press Apply.
- Change the Stitch spacing to 3 mm. Press Apply.
- Click on Effects.
- Select the Underlay tab.
- Change the Underlay type to Edge Walk.
- Click Apply.
- Notice there are travel stitches stitching within the circle.
- Go to the Others tab.
- Place a check mark by Travel on Edge. Click OK.

Circle Nine: Created Pattern

- Select New Blank Design.
- Right click on Show Grid.
  - Place a check mark by Show design grid.
  - Place a check mark by Snap to grid.
  - Change the Horizontal and the Vertical Grid spacing to 1 mm.
  - Press OK.

- Zoom into the grid.
- Select the Open Object tool in the Digitize Toolbox.
- Select a Single Outline.
- Click on the intersections when the gridlines turn red to create the stitch following these directions:
  - Click on a grid intersection to begin.
  - Go straight up 5 grids and click.
  - Go down 2 grids and over right 2, click.
  - Go up 1 grid and over left 4 grids, click.
  - Go down 2 grids and over right 3, click.
  - Go down 1 grid and over left 2; click.
  - Go back to the original point and click. Press Enter.
  - Press Esc.
- Select the stitch.
- Select Settings> Create Pattern.
- Name the Pattern Set by clicking on Create to name the folder or if you have created a folder for designed stitches, click on the drop-down arrow by Pattern Set to select the folder.
- In the Pattern name box, name the stitch, Crazy.
- Click OK.
- Click on the first clicked point to set the beginning; click again on this same point to set the end of the stitch.
- Return to your original file.

- Select the ninth circle.
- Right click on Pattern Fill.
- Click on Select and navigate to your created stitch. Click Apply.
- Add a single outline around this pattern by following the previous directions.

NOTES:

Draw your stitches on graph paper to make it easier to figure out the path.

Circle Ten: Reduced Density Fill

- Select the next circle.
- Right click on the Ripple Fill icon.
- Change the Stitch spacing to 8 mm.
- Press OK.
- Select Break Apart in the Edit Toolbox.
- Reselect the Ripple Filled object.
- Click on Stemstitch in the Stitch Toolbar.

Circle Eleven: Contour Fill

- Select the Ellipse tool in the Digitize Toolbox.
- Select a color from the Color Palette.
- Draw a circle by clicking in the center, dragging to the desired circumference, and clicking again.
- Press Esc; then select the circle.
- Change the size of the circle to 3.25” in the Transform toolbar.
- Move the circle as desired to fit within the hoop.
- You may have to move other circles as well. If you have to move a circle that has been duplicated or has an outline around it, be sure to draw a bounding box around the objects to move them both.
- Select the drawn circle.

- Select the Contour Fill.
- Double click to open Object Properties.
- Change the stitch spacing to 5 mm. Press OK.

- Select Copy; then Paste.
- Change to a contrast color.
- Click again on the object and rotate the object approximately 90 degrees.

Finalizing the Design

- Notice that there are several color changes in Color Film, even if you only selected two colors.
- Select Design> Optimize Color Changes.
- The software will reduce the number of colors and maintain the correct stitch order for you design.
- Press OK in the dialog box that opens.
- Save the design.

NOTES:

The Contour Fill can only be added to objects that have multiple angles or those that have been drawn with the Ellipse tool.