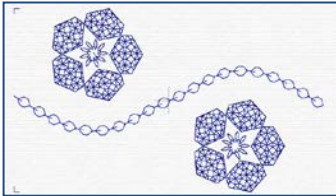




Vintage Designs for the Endless Hoop

By Debra Bohn






Sometimes we think that if we can't draw, we cannot create our own unique designs. It is easy to create your own designs using motif stitches, shapes and encore. Let's explore three modules in the 5D™ Suite: 5D™ Embroidery Extra, 5D™ Sketch and 5D™ Design Creator to create a home dec endless vintage design.

Reset All Modules



1. Open **5D™ Embroidery** .
2. QuickLink to **5D™ Configure** .
3. Click on **Reset All Modules**.
4. Click **OK** to the message, 'All modules will be closed and reset to their default settings'.
5. When you see the message, 'Please confirm that all modules except 5D™ Configure are now closed', ensure no other modules are open in the background. If they are, click on the module(s) in the background, and close after saving any work that might be in progress. Click **OK** to the 'All modules will be closed' message when you have verified all other modules are closed.
6. Click **OK** to the message, 'All modules are now reset to their default settings'.
7. Click **OK** to close 5D™ Configure.

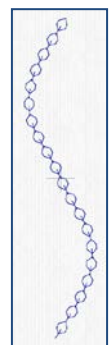
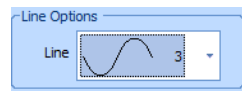
Getting Started in 5D™ Embroidery Extra

1. Open **5D™ Embroidery** .
2. You will see the message, Please Wait while configuring the software for the current user.
3. Click **Hoop** . Select **Enter Hoop Size**, and make Height **260mm** and Width **150mm** to make an embroidery that will fit the **creative™ Grand Endless Hoop**.
4. Click **OK** to close Hoop Selection.

5. Click on **Preferences** . Set the Grid size to **10mm**.
6. Uncheck **Remove Overlap When Combining**.
7. Click **OK** to close **Preferences**.

Creating a Design Using a Motif in 5D™ Embroidery Extra

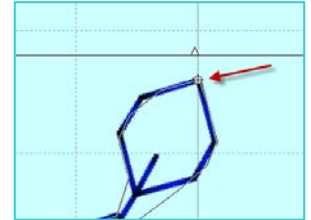
1. Select on the **Motif** tab in the Control Panel on the upper right of the screen.
2. Under Motif, leave the Group on **Universal**.
3. Click on the **down arrow** next to **Category**. Select **Hand Stitches 1**.
4. Click on the **down arrow** next to **Pattern**. Select **Pattern 2**.
5. In the Size box, make sure **Proportional** is checked.
6. Change the Width to **14.0mm**. The Height will change proportionally.
7. Click **Apply**.
8. Select the **Design** tab in the Control Panel on the upper right of the screen.
9. Click **Encore** .
10. In Encore, select **Line** for the Type.
11. For Line Options, select **3**.
12. Enter **20** in the **Number of Repeats** box.
13. Click **OK**.
14. Hold your mouse down and move the solid blue square in the middle of the box down until the selection box is about 50mm from top to bottom.
With the Grid set at 10mm, that means we will have five grid spaces.
15. **Right** mouse click to set the design.
16. Click **Rotate 90°** .





17. **Click and drag**, or nudge with the arrow keys, until the upper end of the embroidery is exactly over the vertical bold center gridline. Use the **Zoom toolbar** as needed to ensure the last stitch at the top of the element is centered over the vertical grid.



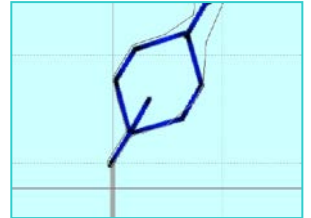
18. Click and drag the **Center of Rotation**  until its cross-hair is over the end of the top stitch.



19. Click **Zoom to Fit** .

20. Click **Zoom In** . Click and drag a box around the lower half of the selected design, so you can see the **Free Rotate handle**  and the bottom of the last stitch.


21. **Click and drag the handle** to rotate until the last stitch in the line of motifs is directly over the bold vertical center gridline, to ensure the design will align seamlessly when made into an endless embroidery.





22. Click **Center in the Hoop** .

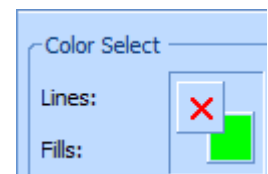
23. Click **Save As** . Save design as 'Vintage Center Design'.

Creating a Design Using a Motif in 5D™ Design Creator


1. Select **5D™ Design Creator**  in the QuickLink toolbar.
2. The ExpressDesign Wizard- Choose Design Type opens.
3. Select the last option, **Start a New Design with no Picture.**
4. Click **Next.**
5. On the Select Background Type window, select **Draw Window.**
6. Click **Next.**
7. On the Design Size window, select **Change Hoop.**
8. In the Enter Size box, select **Enter Hoop Size.**
9. Change the Width to **40mm** and the Height to **35mm.**
10. Click **OK.** Click **Finish.**

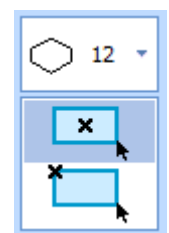
11. Select **Preferences** .
12. Click the Screen tab. Change the Grid size to **5mm.**
13. Click **OK** to close Preferences.

14. In the Color Select box, make sure **Fills indicator** (directly under Color Select) does not have an **X** in it, meaning no fill. If there is an **X** in **Fills**, click on the **Fills** button  below the color select area to change the X to a fill.

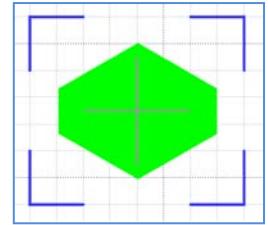


15. **Right** click on a color to change the color of the fill.
16. In the Color Select box, make sure **Lines** does have an **X** in it, meaning no outline. If there is not an **X** in **Lines**, click on the **Lines** button to change the **Color Select Line** to an **X**.

17. In the Create box, click on **Shapes** .
18. To the left of the Create box click on the drop down arrow next to a **Square #1** shape. Select **Shape 12.**
19. Make sure the first option, the **X** in the middle of the shape, is selected.




20. Starting in the center of the gray cross, drag your mouse to the right and down, until the selection box is **one full grid space** from the **blue hoop corner** guidelines.



21. Click **Select All** .

22. Click **Center in Hoop** .

23. Click **Save as Drawing** . Save picture as **'Filled Shape'**. Click **Save**.

24. Click the **Create** tab on the upper left.

25. Click **Color Change** . From the Thread Ranges, select **Robison-Anton Rayon 40**.

26. In the Quick Colors box, select the **lightest green** from the **Standard** theme, **2516 Aqua Pearl**. Click **OK**.

27. In the Fill Area box, click on the **down arrow** next to the **Satin Line** . Select **Double Stitch** .

28. In Fill Area box, click on the **down arrow** next to **Pattern Fill** . Select **Motif Fill** .

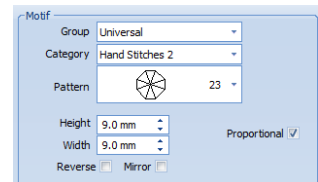
29. Click **Options**.

30. In the Motif box in the Motif 1 tab, select **Universal** for the Group.

31. Select **Hand Stitches 2** for the Category.

32. Select **Pattern 23**.

33. Change the Height and Width to **9mm**. Click **OK**.



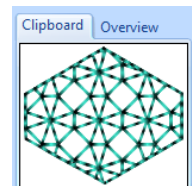
The size was determined by trying several different sizes until the fill shape looked nice.

34. Click **QuickStitch Fill** .




35. Click in the **Shape**. A red and blue line traces the shape.

36. On the upper left click **OK** in the Color Tolerance box.






37. **Right** mouse click to turn the QuickStitch Fill tool off.

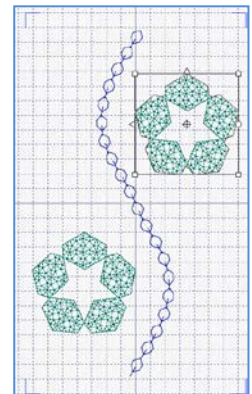


38. Click **Save Embroidery** . Save as **'Petal'**.








39. Click **Copy** . Is the design visible in the Clipboard? If not, click **Copy**  again.
40. QuickLink back to **5D™ Embroidery**.
41. Click **Paste** .

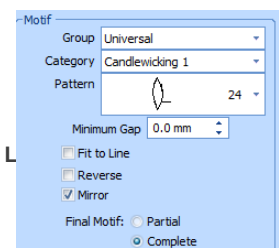
If you do not have 5D™ Design Creator , load the file '**Petal.vp3**' into 5D™ Embroidery.

42. Click **Encore** .
43. In Encore, select **Circle** for the Type.
44. Enter **5** in the **Number of Repeats** box. Click **OK**.
45. Drag the petals to an open space in the hoop.
46. Move the **Zoom** slider on the lower right of the screen, to around **60%**.
47. Click on the **Overview** tab and Pan  so you can see the petals clearly.
48. Drag from the top petal **downward** until the five petals almost touch each other. The center of the petals is shaped like a star.
49. **Right** click to set the petals.
50. Click **Zoom To Fit** , or adjust the view with the Zoom slider.
51. Move the petals to the **lower left** side of the center design. Rest the top selection box on the **second** grid line from the **horizontal bold center line** and the **right side of the select box against the vertical center**.
52. Click **Duplicate** .
53. Move the second petal design to the upper right using the Grid. Rest the top selection box on the **second** grid line from **horizontal bold center line** and the **left side of the select box against the vertical center**.
54. Click **Save As** . Save design as '**Vintage Center Design and Petals**'.



Creating a Design Using Motifs in 5D™ Sketch

- In the QuickLink Toolbar on the bottom left of the 5D™ Embroidery window, click **5D™ Sketch** .
- The Load Design Wizard- Design Options window opens. We will use the default, **Load Picture for a New Embroidery**. Click **Next**.
- Click **Change Hoop**.
- In the Enter Size box, select **Enter Hoop Size**.
- Change the Width to **25mm** and the Height to **25mm**. Click **OK**.
- Click **Next**.
- Select **View Picture** .
- In the Directory Browser click on the three dots .
- Find the folder **Documents \5DEmbroidery \Samples \5DEmb \Pics2 \Geometrics**. Click on the  arrows to open the folders as needed.
- Click **OK** to see the thumbnail previews.
- Click the first picture in the second row, **1cge06**.
We will use this picture for its shape.
- Click **Next** three times because we do not need to Rotate or Crop. 
- On the Load Design Wizard-Picture Size, click **Pick Color** .
- The mouse pointer is now a Pick Color pointer . Click on the **darkest green**.
- The Color Selection window opens. The Thread Range should be **Robinson-Anton Rayon 40**. Click in **Find Thread** and type **2319 Green Oak**. Click **OK**.
- Click **Next**.
- On the Load Design Wizard-Add Alignment Stitches, in the Alignment Stitch Style box, select **None**.
Alignment stitches are necessary when you are going to line embroidery designs with fabric that has a photo printed on it. We are creating a design element with no picture on the fabric.
- Click **Finish**.
- In the Control Panel on the upper right of 5D™ Sketch, click the **Motif** tab.



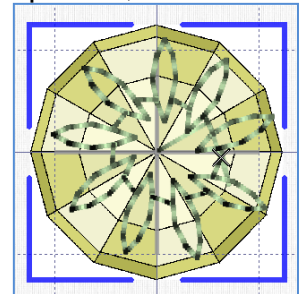
20. In the Motif box, the Group is set on **Universal** by default. If not, click the drop down arrow and select **Universal**.
21. The Category is set on **Candlewicking 1** by default. If not, click the drop down arrow and select **Candlewicking 1**.
22. Click the **drop down arrow** next to **Pattern**. Select pattern **24**.
23. Select **Mirror**.

This will put the connecting stitch at the inside of the circle.



24. For Final Motif select **Complete**.
25. In the Size box, change the Height to **9.0mm**. The Width stays at **4.0mm**. **Proportional** is selected.
26. Since we want the design to have a vintage look, select **Triple** in the Stitch box.




27. Click **Draw Motifs** .

28. Hold and drag your mouse around the inside of the inner ring of the picture, about halfway between the center and the first ring out from center (see picture), **counter clockwise** starting at the **vertical center grid line**. Continue all the way around the circle.




29. **Right** click to turn Draw Motif  off.

*If you do not like the look of your circle, click **Undo** . Click **Draw Motifs** , select Draw Motif, and draw a new circle.*

30. Click the **Design** tab.
31. Click **Save As** . Save design as '**Star Center**'.
32. Click **Make Block From Visible Area** . The design is now selected.
33. Click **Copy** .

Finish Assembly and Create the Endless Design

1. QuickLink back to **5D™ Embroidery**.

If you do not have 5D™ Sketch  load the file '**Star Center.vp3**' into 5D™ Embroidery.

2. Click **Paste** .
3. Move the **Zoom** slider to **85%**.
4. Click the **Overview** tab and **Pan**  so you can see the **Star Center** design clearly. Move the design to the center of the Petal design.
Adjust the View as needed with the Zoom tools.

5. Click **Duplicate** . Move the Star Center to the other Petal design.

6. Click **Combine Design** .

7. Click **ColorSort** .

8. Click **Center in Hoop** .

9. Select the **Edit** tab.

10. Click **Change Order of Color Blocks** .

11. Click **Merge Colors** two times until there is only one color. Click **OK**.

12. Click the **Design** tab.

13. Click the color in **Color Select**. Change the design to any color you like. For a vintage look try an ivory.

14. Click **Endless** .

15. On the Endless Embroidery window, Options box, Fabric Direction is **Up**.

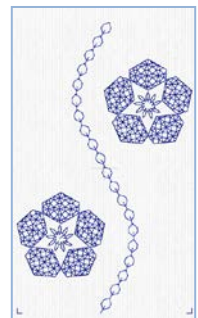
16. The End Marker should be set on **Corner**.


17. Marker Positions should be **Both**.

18. Leave the Gap set at **0.0**.

19. **Repeat Embroidery** and **ColorSort** can remain checked even though we will have only one design in the hoop.

20. Uncheck **Remove Overlap**.



21. Click **OK** to close the Endless window.
22. Click on **Save As** . Save design as '**Endless Vintage Design**'.

Be sure to open Preferences in 5D™ Embroidery, and place a check in Remove Overlap When Combining.

This endless vintage design can be used on valances, tablecloths, shower curtains and many more home dec projects!