

Mastering Your **BERNINA⁺** Embroidery Software V6.0



Owner's Workbook - Bonus

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Class 9 - BERNINA Quilter and Cross Stitch Class Overview

BERNINA[®] Quilter program

For more information on the Quilter program > Open program >  help menu > Online Manual

BERNINA[®] Cross Stitch program

For more information on the Cross Stitch program > Open  program > Help menu > Online Manual

This class is formatted for owners of the following levels of BERNINA[®] Embroidery Software, V6:

- EditorPlus
- DesignerPlus

Class 9 - Quilter

Integrated within the EditorPlus and DesignerPlus levels of Bernina Embroidery Software is the Bernina Quilter Program. Use Bernina Quilter to design, preview, calculate yardage and scale embroidery designs directly on the project.

Notes:

Bernina Embroidery Software must be open to access the Quilter Program.

Input the finished block size- 1/4" seam included.

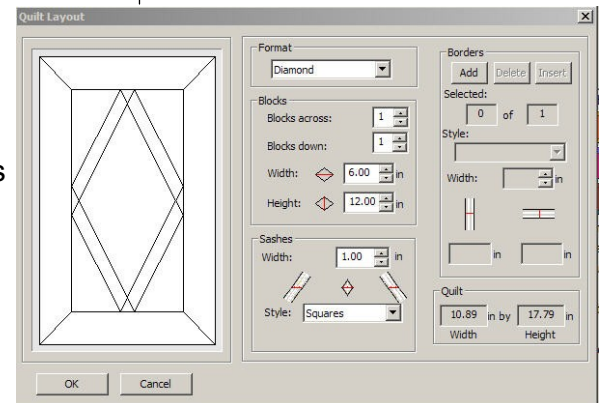
Opening the Quilter Program



- Click on the *Quilter* icon located on the Design toolbar to open *Quilter*.



- Click on *Layout* to open the quilt layout dialog box.
- Input quilt design information:
 - ⇒ Format: Diamond
 - ⇒ Blocks: 1 block across and 1 block down
 - ⇒ Width: 6"
 - ⇒ Height: 12"
 - ⇒ Sashing: Click on the drop down box next to Styles and select Squares
 - ⇒ Sashing: Width (1")
 - ⇒ Borders: Click Add, Style: Mitered, Width: 2"
 - ⇒ Click OK.
 - ⇒ Click Show All



Setting Blocks, Colors and Fabrics

The Blocks

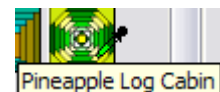


- Click on the *Library* icon if necessary to open the Library.
- Click on the "+" beside a file name to view the block patterns in each folder.
- Open the *Log Cabin* folder. Select the Pineapple Log Cabin.
- Select the *Paintbrush* from the Edit toolbar. Click on the center diamond to assign the block style to the quilt layout.



The Library provides over 300 quilt blocks, a wide color palette and fabrics from which to design the project.

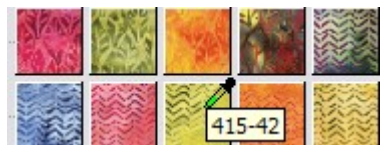
Be sure Blocks is selected in the Library.



The Colors and Fabrics

- Click on the *Fabric* button to access the fabric files.
- Click on the "+" beside Benartex 2006 to expand the folder.
- Click on the "+" beside the fabric line, Balis Tutti-Frutti, to preview the fabric swatches.
- Click on fabric swatch, 415-42. (6th row; 3rd swatch)
- Click on *To Palette*. Fabric swatch is visible at the top of the screen.
- Click on the *Color* button to select from solid color values.
- Click on Light, Medium or Dark to select from the desired shade.
- Place 3-4 solids on the palette to compliment the pineapple block color scheme, by clicking *To Palette*.

For a larger preview of the fabric tile, hold down the Alt key while clicking on the swatch.



Class 9 - Quilter

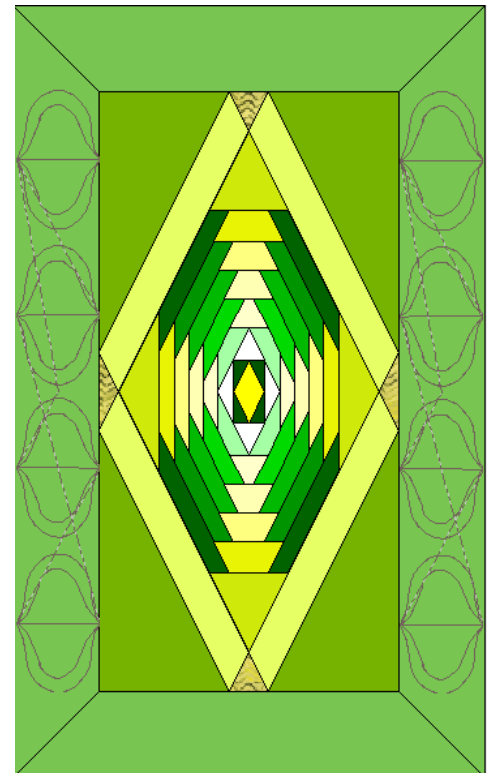
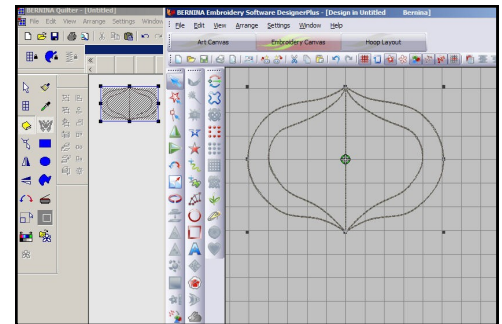
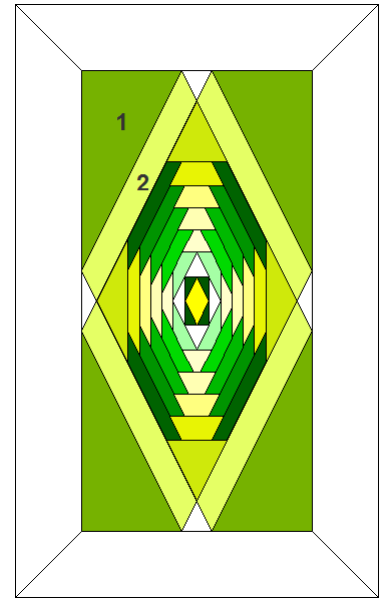
Coloring the Quilt

- Select the *Paintbrush* from the Edit toolbar.
- Select a fabric/color from the *Palette* for the corner triangle block (1). Click in the center of the triangle to fill with the select fabric/color. Hold down the Ctrl key and click in the center of the next triangle to fill the remaining corner triangles.
- Select a fabric/color for the sashing (2). Hold down the Ctrl key while clicking in the triangle. Repeat for each (2) segment.
- Color sashing corner triangles and borders using fabric/color of choice.
- File> Save As > "Diamond Log Cabin."

Adding Embroidery

- Click on the Embroidery Window icon to link to the software Design View screen.
- Select *File/Insert Design*.
- My Computer: C: My Designs: Holice Turnbow Quilt Stencil Designs. Select 111.ART60. Click Open.
- Select the design. Open the Color Bar from the color menu, select a color that will contrast with the fabrics used on the quilt block for visibility > C11 dark brown.
- Left click on the *Rotate 45°* two times.
- Left click one time on *Scale by 20%*.
- Select *Arrange/Start & End* and set the Start Needle Position at the first stitch of the design and set the End Needle Position at the last stitch of the design.
- Click OK.
- Turn on the Grid if it is off by left clicking on the *Show Grid icon*.
- Select *Mirror-Merge Vertical*. Move the reference line to a half a grid from object click.
- Select the *Zoom Box* and right click on the screen to zoom out.
- *Edit/Select All*.
- *Select Mirror-Merge Vertical*. Move the reference line to a half a grid from object and click.
- Click on the Quilter screen to link back to the Quilter Program.
- Position the motif over the vertical border.
- While quilt motif is selected, select *Copy; then Paste*.
- Double click on the quilt motif to return to the *Embroidery Canvas window*.

Note: If the design is selected, you can double click on the design motif to return to the previous embroidery screen.

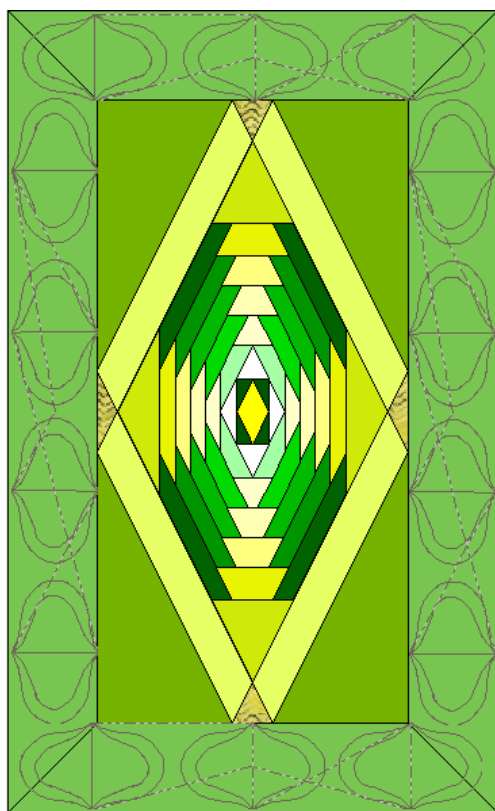


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Class 9 - Quilter

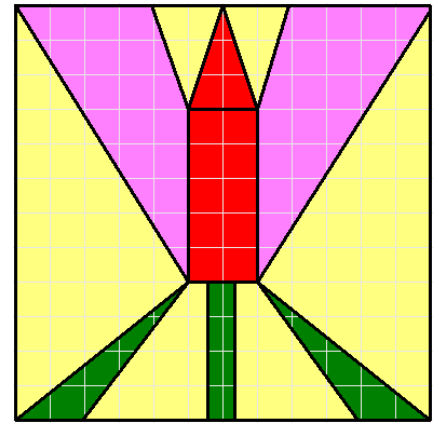
- Click on the top quilted shape then hold down the Control key as you select each quilted shape, from top to bottom.
- Select *Arrange/Sequence as Selected*.
- Select *File/ Save As*.
- Navigate to the v6 Training folder and name the file as Border 1.
- Click Save.
- Select the last quilt motif and delete, leaving three in the group.
- Select *File> Save As*. Name the file Border 2.
- Click on the Quilter screen to link back to the Quilter Program
- Click on the *Rotate 45°*.
- Position the quilt motif on the top border.
- Click on the Save icon.

Notes:



Class 9 - Quilter: Block Editor

*BERNINA Quilter allows you to create your own block libraries and import new blocks. It also includes a Block Editor for creating your own square blocks, available only in **Designer Plus**.*



Notes:

Bernina Embroidery Software must be open to access the Quilter Program

The Block Library Manager lets you create your own block libraries to store custom blocks.

The Library provides over 300 quilt blocks, a wide color palette and fabrics from which to design the project.

The blank block defaults to the 10 x 10 grid standard for quilt blocks.

Snap to Grid forces the line/object to conform to the grid.

Smart Snap forces the drawing tools to always join lines whether or not they are on the grid point.

You can fine tune the position of an object by selecting it and using the arrow keys.

If you wish to delete an object, select the Select Shape tool, select the line, and hit delete on the keyboard.

In general the drawing tools work the same as in the BERNINA Embroidery Software.

Create a Custom Library

- Open the *Quilter* program.
- Click on *File > Manage Blocks*. The Block Library Manager dialog opens.
 - ⇒ Right-click on *Library Manager* and select *New Library* from the popup menu. The Input Library Name dialog box opens.
 - ⇒ Enter the name for the library. Type "My Blocks". Click OK. The \$ sign prefix denotes a custom library.
 - ⇒ Select the new library on the left side of the dialog box and right-click on the right side of the dialog box.
 - ⇒ Select *New Block* from the popup menu. A new blank block is added to the library.
 - ⇒ While the block is highlighted, name the block "Flower."
 - ⇒ Hit Enter.

Creating a Custom Block

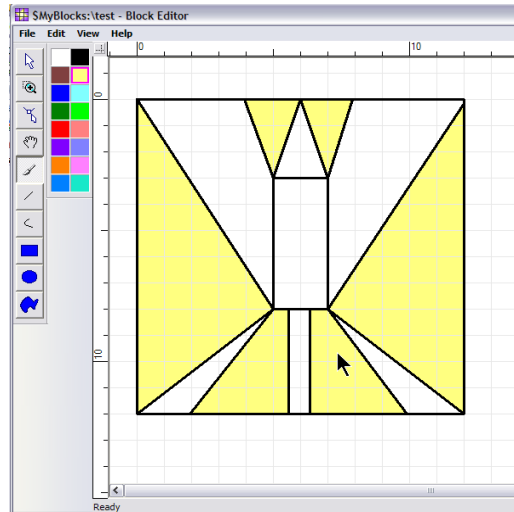
- Right-click on the blank block > select *Edit Block*. The selected block opens in the *Block Editor*.
- Within the Block Editor, select *Edit > Block Size*. Change to 12 and click OK.
- Select View and make sure *Snap to Grid* and *Smart Snap* are activated.
- Select the *Rectangle* tool.
 - ⇒ Begin the rectangle 5 grid squares from the side and 3 grid squares from top. Click and drag to create a rectangle 2 grid squares by 5 grid squares. Click again to set the rectangle.
 - ⇒ Select View and turn *Snap to Grid* off.
 - ⇒ Create a second rectangle below the first to create the stem, centered below the first and extending to the bottom edge.
- Select the *Line* tool.
 - ⇒ Begin by drawing a triangle on top of the rectangle. Click to set line and click again to set position.
 - ⇒ Click in the top corner of the block. Draw a line to connect to the bottom of the large rectangle. Repeat for other side.
 - ⇒ Click 4 grid squares in from top corner of block. Draw a line to connect to top of the large rectangle. Repeat for other side.
 - ⇒ Click in the bottom corner of the block. Draw a line to connect to the bottom of large rectangle. Repeat for other side.
 - ⇒ Click 2 grid squares in from bottom corner of block. Draw a line to connect to the large rectangle. Repeat for other side.

Class 9 - Quilter: Block Editor

Coloring the Block



- Select the *Color* tool.
- Select yellow from the *Palette* for the background. Click in the shape to fill with the selected color.
- Select red from the *Palette* for the center rectangle and triangle. Click in the shapes to fill.
- Select the pink from the *Palette* for the remaining petals. Click in the shapes to fill.
- Select green from the *Palette* for the lower triangles and stem rectangle. Click in the shapes to fill.
- *File > Save.*



Print Cutting Instructions

- Select *File > Print Preview.*
- Select *Block Construction.*
- Block Construction adds the seam allowances and prints the pieces at actual size.
- Click Close.
- Reselect *File > Print Preview.*
- Select *Rotary Cutting Instructions.*
- View the instructions for cutting out the block and print out for easy reference.
- Close the instructions.
- Close the *Block Editor.*

Using the block

- Close the *Block Library Manager.*
- Locate your designed block by clicking on the + sign in front of \$My Blocks.

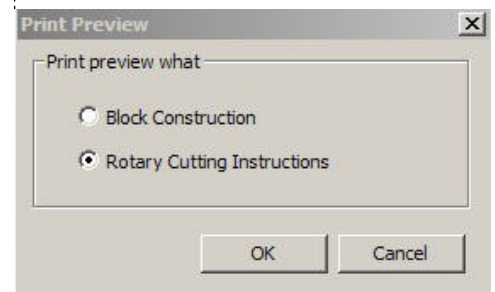
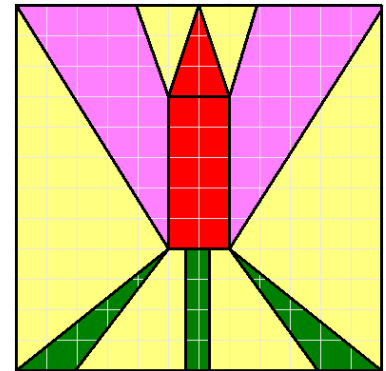
Notes:

You can choose custom colors by right clicking on a color chip. In the dialog box that opens, click on Define Custom Colors and choose the color you wish to use.

If a shaped area is not completely closed or connected, the color will bleed into the adjoining shaped area.

To reshape a line or a shape, select the object and then click on the reshape icon.

Reshaping lines in a block causes any current colors to be removed. This is expected behavior as reshaping an area can change its geometry, making existing colors invalid.

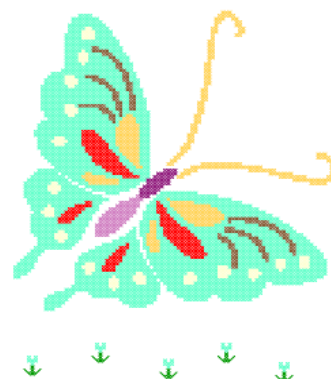


You can print Rotary Cutting instructions for your own custom blocks from inside the Block Editor.

Class 9 - Cross Stitch

Integrated into the EditorPlus and DesignerPlus levels of Bernina Embroidery is the Cross-Stitch program. Both automatic and manual digitizing capabilities are included.

Fly Away



Notes:

Opening the Cross Stitch Program

- Click on the *Cross Stitch* icon located on the Design toolbar to open *Cross Stitch*.
- Select *Settings>Fabric Count*. Input 18 stitches per inch as the Fabric Count; click *Update* and *OK*.
- From the Picture mode, select *Load Picture*. From the Artwork Folder, select *A_East_006.jpg>Open*.
- While the artwork is selected, right click to open the Bit-map Properties box. Change the height and width to 80%. Press *OK*.

Auto-Stitch Basics

- Select the Design mode.
- Select the *Auto-Stitch* tool; click on the artwork to open the Auto-Stitch dialog box.
 - ◊ Under Map Image, select Specific Thread Chart. From the drop down menu, select Isacord 40wt numerical.
 - ◊ Under Maximum Number of Colors, select Omit Background.
 - ◊ Click *OK*. Stitches are automatically generated.
- Click on the *Grid* icon to hide the grid.
- Click on the *Picture* icon to hide the picture.
- Select *Show All* to view the design more closely.

Area Fill

- Select the *Area Fill* tool; click on the *Color Palette*.
- Select a new wing color. Click on the wing to fill the area with the newly selected color. Repeat for the opposing wing.

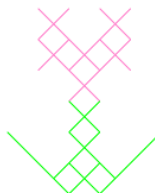
Manually Setting Stitches

- Click on the *Select Object* tool; draw a bounding box around the row of stitches under the butterfly.
- Press the Delete key on the keyboard.

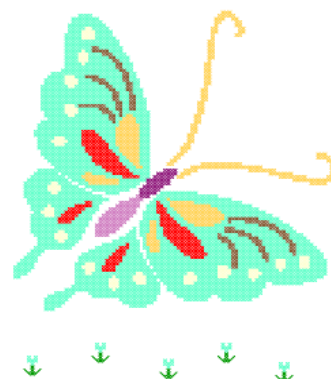
Class 9 - Cross Stitch



- Select the *Pencil*. Click on the *Full Cross* button to preview the various cross stitch styles. Select Full Cross.
- Click on the *Color Palette*. Select a color from the chart.
- Create a small flower shape. A left click will add a stitch, a right click to delete a stitch.
- Select different cross stitch styles for the leaves.



Fly Away



Rubber Stamp



- Select the flower.
- Select the *Rubber Stamp*. Click on the workspace to stamp floral elements around the butterfly. To deactivate the stamp, press Esc.

Lettering



- Zoom out if necessary for more visibility on the workspace.
- Click on *Full Cross*, select the 1/2 Cross.
- From the *Color Palette*, select a thread color to coordinate with the design.
- Right click on the *Lettering/Values* tool.
 - Font-Arial
 - Style-Regular
 - Size-72
 - Press OK.
- Click above the butterfly to begin the text.
- Type *Fly Away*; press Enter. A dialog box will provide a reminder of the selected stitch type. Press OK.
- Use the *Pencil* tool to fine tune the positioning of individual letters or stitches.



Saving Your Work

- Select the Picture mode.
- Select the graphic and press delete on the keyboard.
- Return to the Design mode.
- Select File<Save As. Name the design and navigate to the location in which the file will be saved.

Stitching the Design

- Open the design in the Bernina Embroidery Software program.
- Send to the machine or write to USB stick.

Notes: