Designing Quilted Backgrounds
BERNINA Stitch Designer

Create quilted backgrounds with the BERNINA Stitch Designer which is built-in the BERNINA 880 PLUS and BERNINA 790 PLUS. Once the stitch is created in the Stith Designer, open it in embroidery and embroider a quilted background for your next project. The stitches can also be used for quilting blocks and borders of a quilt.

The following step-by-step instructions will guide you through creating the zigzag design on the background of this pillow.

Step 1

1. Select #1 Straight Stitch
2. Select Stitch Designer

Step 2

1. Select "9mm" icon to de-select. The width of the design should not be limited to 9mm
2. Select "Moving Point" icon
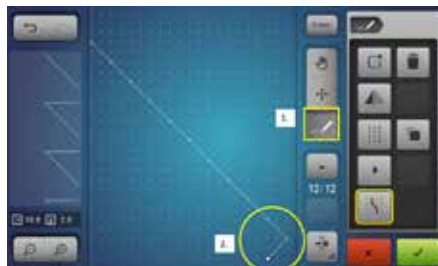3. Select "Snap to Grid" to turn on

Step 3

1. Move the "moving point" two diagonal grid points up using the multi function knobs or by selecting the stitch point on the touch screen and moving it with the stylus

Step 4

1. Select "Duplicate" 9 times
2. This makes the diagonal line 20mm

Step 5

1. Select "Insert Stitch"
2. Select the grid point two points over and two points down from the last grid point

Step 6

1. Select "Duplicate" 9 times

Designing Quilted Backgrounds
BERNINA Stitch Designer

Step 7

1. Select :"Zoom Out"
2. Select "Pan" image to move the design
3. Select indicated icon to open options for selecting points

Step 8

1. Select "All Points" to select the entire stitch

Step 9

1. Select "Duplicate" 6 times. This duplicates the entire stitch pattern 6 times
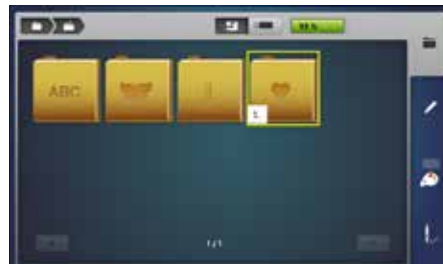2. Select "Confirm"

Step 10

1. Select "Home" to open the newly created design into embroidery

Step 11

1. Select "Embroidery"

Step 12
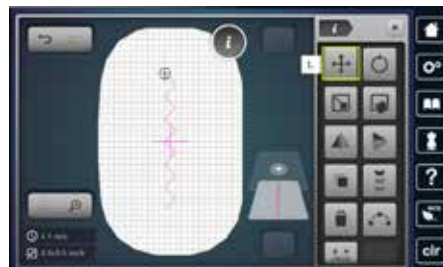
1. Select "My Motifs" folder

Step 13

1. In the "My Motifs" folder, the stitch that was in the sewing screen is the first design available. Select the design that was created in Stitch Designer

Step 14

1. In the embroidery screen select the "Information" icon to open editing features
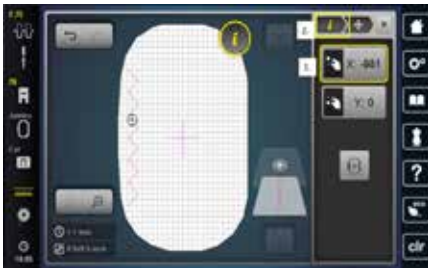
Step 15

1. Select "Move Motif" to move the design to the left

Designing Quilted Backgrounds
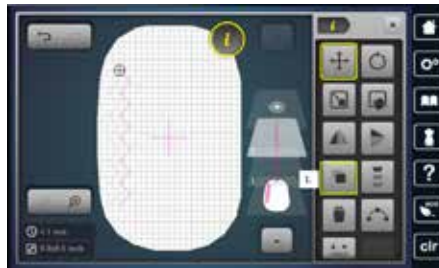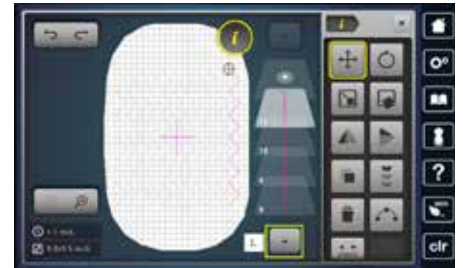# BERNINA Stitch Designer

Step 16

Move the design to the left side of the hoop

Step 17

1. Select "Duplicate" the number of times desired

Step 18

1. Select "Down Arrow" through all the layers of designs until the first layer shows with all the designs highlighted

Step 19

1. Select the first layer then group all the rows by selecting "Group Embroidery Designs"

Step 20

1. Then select "Group+"
2. Select "Set Up Program" to customize the tension, thread cut and securing stitch settings

Step 21

1. Select "Embroidery"

Step 22

1. Select "Smart Secure"

Step 23

1. & 2. Turn "Smart Secure" on for both the start and end of the design to add securing stitches to the design

Step 24

1. Select "Automatic Cut" icon.

Designing Quilted Backgrounds
BERNINA Stitch Designer

Step 25

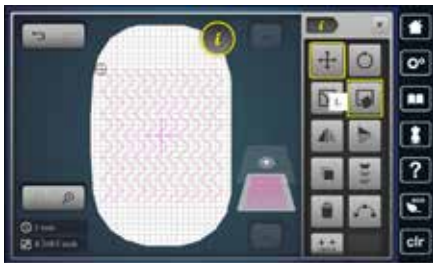1. Turn on thread cutting after start of design

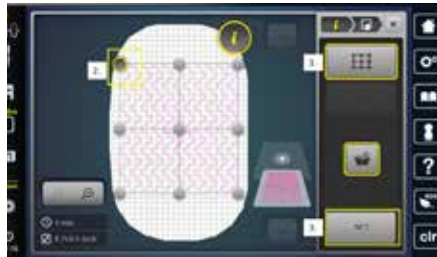## Step 26

1. Select "Thread Tension"

Step 27

1. Increase top tension to create a balanced tension as this design will be stitched on a quilted project
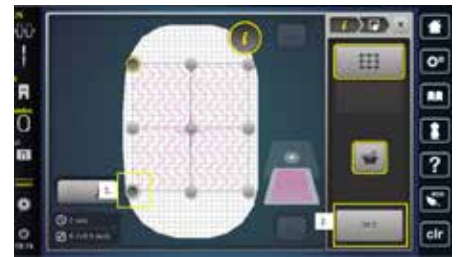
Step 28

1. To position the design, select "Pinpoint Placment"

Step 29

1. Select "Grid"
2. Select the first point to set. Turn the stitch width and length dials to move the hoop. Move until the needle is directly above the point on the fabric that the point should be set
3. Select "Set"

Step 30

1. Select the second point to be set
2. Turn the stitch width and length dials to move the hoop. Move until the needle is directly above the point on the fabric that the point should be set
3. Select "Set"

Step 31

1. Select "Needle" icon to go to the embroidery display

Step 32

1. Select "Cut Connecting Stitches" to automatically trim thread when design is complete
2. Select "Single Color" so the machine will continue to stitch and not stop after each row
3. Embroider the design