



Embroidery-Flower Quilt



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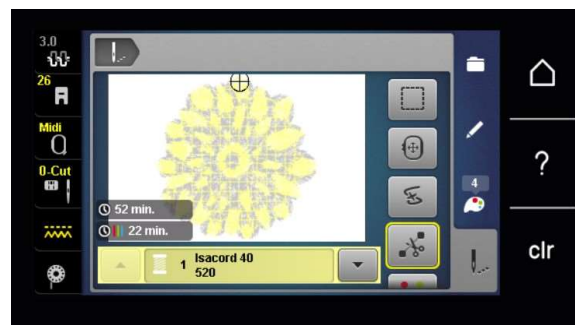
Kaffe Fassett's book "Quilts in Burano" inspired us for this project. **The Quilt is called "dark garden"**. In this deep, rich quilt, the large Millefiore fabric triangles create dramatic shadows. The Quilt measures originally 75 1/2 x 65 1/2", consisting of 30 blocks. Instructions for cutting, sewing, and quilting are based on Kaffe's tips. Our measurements are also in inch/imperial system.

Another inspiration was a variation of this quilt, sewn by Andrea Goddard. Each block features a fussy cut square with an embroidered flower of the exclusive Kaffe designs. Learn more about Andrea and the Kaffe Special Edition BERNINA machines in the separate blog.

For the "Feature Square" we used a flower from the Kaffe Embroidery Collection coming with the B 570 Kaffe Edition.



Schedule tip: The large flower designs by Kaffe embroider between 60 to 120 minutes, depending on design, machine, embroidery module and embroidery speed. It might therefore be worth starting the embroidery and then cut the other fabrics into the respective pieces. Machine embroidery is still so much faster than hand embroidery.



Machine, Accessories and Tools

- B 570 QE Kaffe Edition or B 570 QE or B 790 Plus
- Embroidery Module STD M (or SDT L for B 7-Series)
- Slide-on Table
- Bobbin Case for Sewing (black)
- Bobbin Case for Embroidery (yellow) optional
- Straight Stitch Plate
- Midi Embroidery Hoop (16.5 x 26.5 cm), eventually additionally: Medium Embroidery Hoop (10 x 13 cm)
- Needles 130/705 H
- Needles 130/705 H SUK/Embroidery
- Fabric Starch (optional)
- Drop-Shaped Embroidery Foot #26
- Reverse Pattern Foot #1D
- Open Embroidery Foot #20C
- Patchwork Foot #97D
- BERNINA Stitch Regulator (BSR) #42
- Edgestitch Foot #10D (optional accessory)
- Walking Foot #50 (optional accessory)



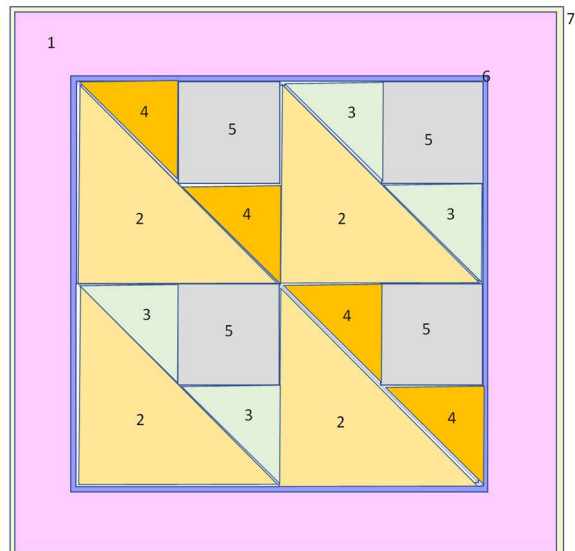
Project Fabrics, Threads and Notions

The finished quilt measures approx. 27 1/2 x 27 1/2". Suitable are fabrics/scrap of minimal 6" up to 38 x 38" in various designs. For details refer to "Fabric Needs" and "Cutting of Fabric".



Fabric Needs

- Fabric 1: 24" x fabric width
- Fabric 2: 12 x 23"
- Fabric 3: 6 x 14"
- Fabric 4: 6 x 14"
- Fabric 5: 20 x 20" (or 12" x fabric width)
- Fabric 6: 4" x fabric width for the flange
- Fabric 7: 10 x fabric width for the binding
- Fabric 8: 38 x 38" for the backing



- Batting 38 x 38", we use Vlieseline volume fleece 278 Soya Mix
- Vlieseline embroidery stabilizer Stitch-n-Tear 8 pieces of 12 x 16"
- Vlieseline Soluvlies (wash-away stabilizer) 4 pieces of 12 x 16"
- Sewing Thread Seralon/Metrosene
- Embroidery Thread Poly Sheen (Isacord)
- Mettler Silk Finish Cotton 60
- Bobbinfill white



Cutting of Fabric

	inch	number of pieces
1 Border	6 x fabric width	4
2 Large Triangle, cut two squares and then cut diagonally once to make 4 triangles	10 7/8 x 10 7/8	2
3 Small Triangles, cut two squares and then cut diagonally once to make 4 triangles	5 7/8 x 5 7/8	2
4 Small Triangles, cut two squares and then cut diagonally once to make 4 triangles	5 7/8 x 5 7/8	2
5 Embroidery flowers: 20 x 20" or 12" x fabric width. The fabric is fussy cut after embroidery	20 x 20	1
6 Flange	1 x fabric width	4
7 Binding	2 1/2 x fabric width	4
8 Backing	38 x 38	1

Cutting of Stabilizers

Batting	38 x 38	1
Embroidery Stabilizer Stitch-n-Tear, suitable to the Midi Embroidery Hoop	12 x 16	8
Vlieseline Soluvlies (wash-away stabilizer), suitable to the Midi Embroidery Hoop	12 x 16	4

Project Preparations

Tip: This project is based on quilting techniques, the measurements indicated are in " (inch). For piecing we use a 1/4" seam allowance. And for piecing we recommend using the Patchwork Foot #97D with Guide, it eases exact guiding of the respective seam allowance.

Cut all fabrics.
Cut all stabilizers.
Optional, stabilize the fabrics with fabric starch.



Embroidery

Prepare your embroidery thread according to the stitch designs.

Attach the embroidery module.
Lower the feed dog.
Attach the straight stitch plate.
Attach the Drop-Shaped Embroidery Foot #26
Use a SUK/Embroidery needle.
Thread the bobbin with bobbin thread, using the yellow high thread tension bobbin case.
Thread the upper thread with Poly Sheen according to the design.

Remember to confirm the stitch plate and/or presser foot in the touch screen whenever you change.

Hoop the starched fabric together with two layers of Stitch-n-Tear and one layer of wash-away stabilizer into the Midi Embroidery Hoop. (Alternatively, the Medium Hoop can be used, then reduce the designs to fit).

Tip: Use temporary adhesive to stick the embroidery stabilizer with the wash-away stabilizer and with the fabric.



Select the stitch design. We use the Kaffe designs folder 11 and select the large flower 3. Design size 100%. The design remains centered in the embroidery hoop.



Embroider the design.



Cut back excess stabilisers



Continue stitching the other flowers, for example 12, 16, 17.

Cut back the wash-away stabilizer, then wash it out. Tear away excess stabilizer layers.



For cutting the embroidery pieces we use the fussy cutting technique. For that we prepared a template of 5 x 5", respectively with seam allowance of 1/4" a template of 5 1/2 x 5 1/2".

For that template we "upcycled" a colored plastic folder.

Place the template with the grain over the embroidery and mark the cutting line, then cut out, 5 1/2 x 5 1/2".



Prepare the machine for sewing:
Activate the feed dog.
Needle stop down. For piecing we use the straight stitch plate. Attach Foot #97D and its guide, activate Dual Feed.
Insert universal needles 130/705H 80/12.
Select stitch 1303 for piecing, this stitch is programmed with a length 2 mm.
Deactivate securing stitches (in the Setup Program).
Thread the machine with Seralon/Metrosene (black sewing bobbin case).
Attach the Slide-on Table.
Patchwork Foot #97D with guide eases precise stitching of 1/4" seam allowances.



Patchwork

A design wall helps to place the pieces in your layout.

Try different layouts, all is possible, not only to play with Kaffe Fasset fabrics in different colors.

Same pieces in a different layout.



First sew the small triangles to the edge of the embroidered squares.

Press the seam allowances towards the printed triangles.



Cut back excess seam allowance of the triangle corners.



Sew these patches to the edges of the large triangles.

Press the seam allowances towards the large triangle.

Cut back excess seam allowance of the triangle corners.



Sew two blocks each to a strip.

Press the seam allowances towards the large triangle.

Cut back excess seam allowance of the triangle corners.



Sew the two strips together.

Press the seam allowances towards the large triangle.

Cut back excess seam allowance of the triangle corners.



For the flange, press the 1" strip in half, wrong sides together.



Mark the flange to the suitable length (20 1/2") and mark the center.

Pin the flange to the four sides.

Turn the corners downwards in a 45 degree angle.

In the corners, cut back excess strips.



The flange is "basted on". For this we adjust the needle position 2 to the right, within the tolerances of Foot #97D and straight stitch plate.



Stitch the flange to all sides.



Place the border on two opposite sides and pin, cut the length to fit.



Tipp: for sewing the border, place the project with patch side up under the presser foot, sew.

Press the seam allowance towards the border.

Cut back excess fabric if required.



On the two other sides, place the border in suitable length, pin and sew.

Press the seam allowance towards the border.

Cut back excess fabric if required.



Place the backing (cut 38 x 38") flat on a suitable surface, wrong side up.

Place the batting (cut 38 x 38" on the backing and smooth it out gently.

Lay the patchwork top, right side up, on top of the batting, leaving a 4" seam allowance on either side and smooth gently until there are no wrinkles. The excess seam allowance is required for computerized quilting in the hoop.

Pin the sandwich in the center, at the corners and at the middle points of each side, close to the edges.

Beginning at the center, pin diagonal lines outwards to the corners,

Then again, starting at the center, pin horizontal and vertical lines out to the edges. Continue basting until you have basted a grid of lines about 6" apart over the entire quilt.

For basting, attach the Reverse Pattern Foot #1D and activate Dual Feed. Select the straight stitch and set the length to 6. Reduce the upper thread tension to 4, that will ease unpicking the basting.



Tip: for basting use the Walking Foot #50 (optional accessory).



Tip: models with basting stitch (for example B 770, B 790, use stitch 21, which is programmed to stitch all 4 stitches only to achieve a max. stitch length of 24 mm).



Tip: models with longstitch function, (example B 770, B 790) use the straight stitch and activate the long stitch function in information, so that only each second stitch is sewn (achieve a max. stitch length of 12 mm).



As pinned, baste the quilt, then remove the pins.



Prepare the machine for stitching in the ditch:

Thread the machine with Mettler Silk-Finish Cotton 60 in needle and bobbin.

Select stitch 1302, stitch length default 3 mm.

Attach the Walking Foot #50 with sole for stitching in the ditch.

Alternatively, attach the Edgestitch Foot #10C or 10D and activate Dual Feed.

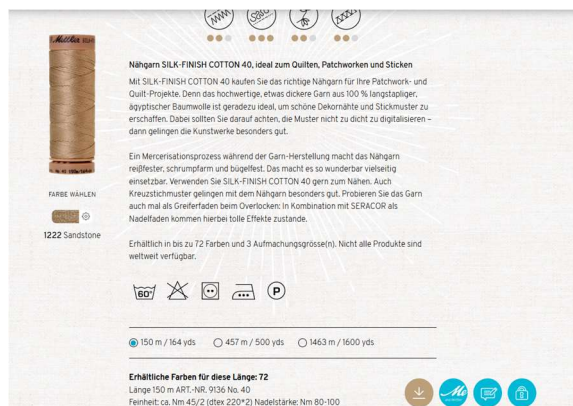


Tip. Mettler Silk Finish Cotton: a needle size 80/12, is ideal for this thread. The supplier recommendation for Mettler Silk Finish Cotton (available in different weights) is needle sizes 80/12 - 100/14.

Alternatively, use stitch 1301, by default it sews securing stitches at sewing begin, set its stitch length to 3.

Starting in the middle, stitch in the ditch of small squares, large squares, and the diagonal lines of the triangles.

Then sew along the flange.



Tip: If you're serious about quilting, it's worth considering getting the Plexiglass Extension Table for Quilting.



Remove all basting stitches, except the one along the quilt edge.



Machine Quilting

Prepare the machine for straight-stitch quilting:

Attach the Seam Guide right (or left) to the Walking Foot #50 and adjust to 1" distance to the needle.



The small triangles are quilted with straight stitch triangles. Sew along the diagonal edge, stop 1" before the cross seam.



With needle stop down, turn the project and continue until 1" before the next cross seam.

Continue until the first seam.



Freehand Quilting with BSR

Attach the transparent sole to the BSR.
Attach the BSR to the machine.
Lower the feed dog.

Outline the embroidered flowers. The markings in the transparent sole can be used as a guide for the distance to the embroidery motif.

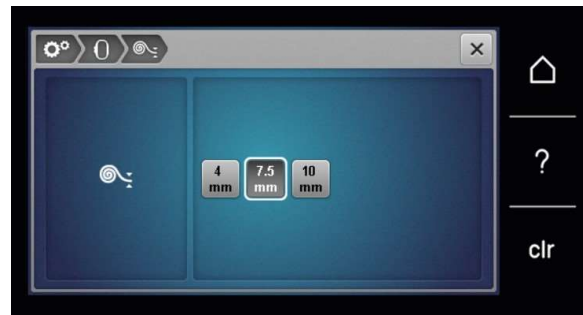


Prepare the machine for embroidery, respectively for computerized quilting:
Attach the Drop-Shaped Embroidery Foot #26.

Attach the embroidery module.

Attach the slide-on table (recommended for embroidery hoops/projects this size).

For quilting in the embroidery hoop, go to the Setup Program and select the material thickness, set to 7.5 mm. That will make sure that the hoop does not shift while the needle is still in the fabric.



In the Kaffe Design folder, select design 22, its size of 4.7 x 8" fits over the large triangle.



Hoop one of the large triangles, parallel to the diagonal seam, centering the triangle corner.



Attach the hoop to the module. Check the design placement by tapping on the individual corner points, move or rotate it with the multifunction buttons if necessary.



We let the machine quilt the design.



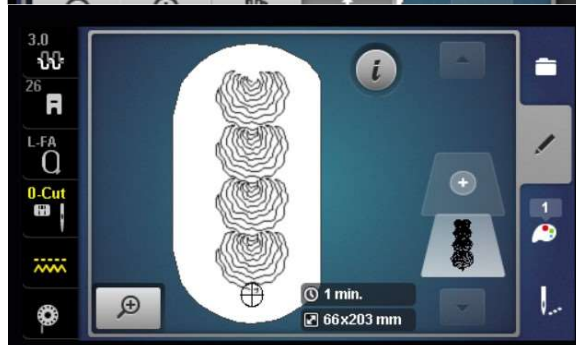
Proceed in the same way to quilt the other large triangles in the embroidery hoop.



This simulation shows, how the selected designs will work together. To check the effect, we reduced the designs to 50%.



For the border, we will use design 32 from the Kaffe folder.



For the corner in the border, we will use design 30 and turn it to match.



Mark the center of each side of the border, using a basting stitch.



Mark the corner lines with a basting stitch, these are in line with the inner edge of the flange.



For the first half of a border, hoop the quilt from the middle of the border to the front, aligning it parallel and at a distance of 2" to the flange.



Select design 32 and mirror upside down. Enlarge the size to approx. 9.8" (approx. 122%).

Attach the hoop to the module. Place the design between the basing stitches with approx. 3/8" distance to the flange.

Let the machine quilt the design.

For convenience, hoop and quilt the other front sides in the same manner. Make sure to check placement of each design after hooping and adjust where necessary.



For the second half of a border, hoop the quilt from the middle of the border to the back, again, aligning it parallel and at a distance of 2" to the flange.

Design 32, deactivate the upside down mirroring.

Attach the hoop to the module. Place the design between the basting stitches, at an approx. 3/8" distance to the flange.

We let the machine quilt the design.



Hoop and quilt the other sides in the same manner.



For the corners, hoop the first corner "front right", centered in the embroidery hoop.



Select design 30, to enlarge, turn off proportional enlargement, enlarge the design to approx. 4 x 4" to fit in the corners.



Turn the design by 270° to make it look like first and last stitch are continuing the border quilt designs.



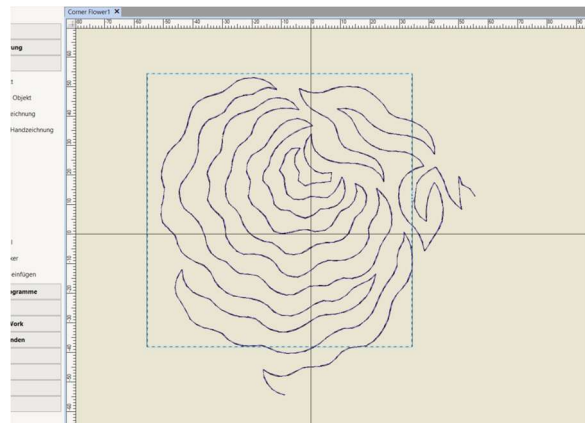
Optionally, use the Embroidery Software and amend the corner design to fit to the stitch between designs 30.

If you are interested in the already customized quilting design, use the link for the free download.

Attach the hoop to the module. Place the design in the corner and align the outer edge to the outer edge of the side border embroidery.

We let the machine quilt the design.

Hoop and quilt the other corners in the same manner.

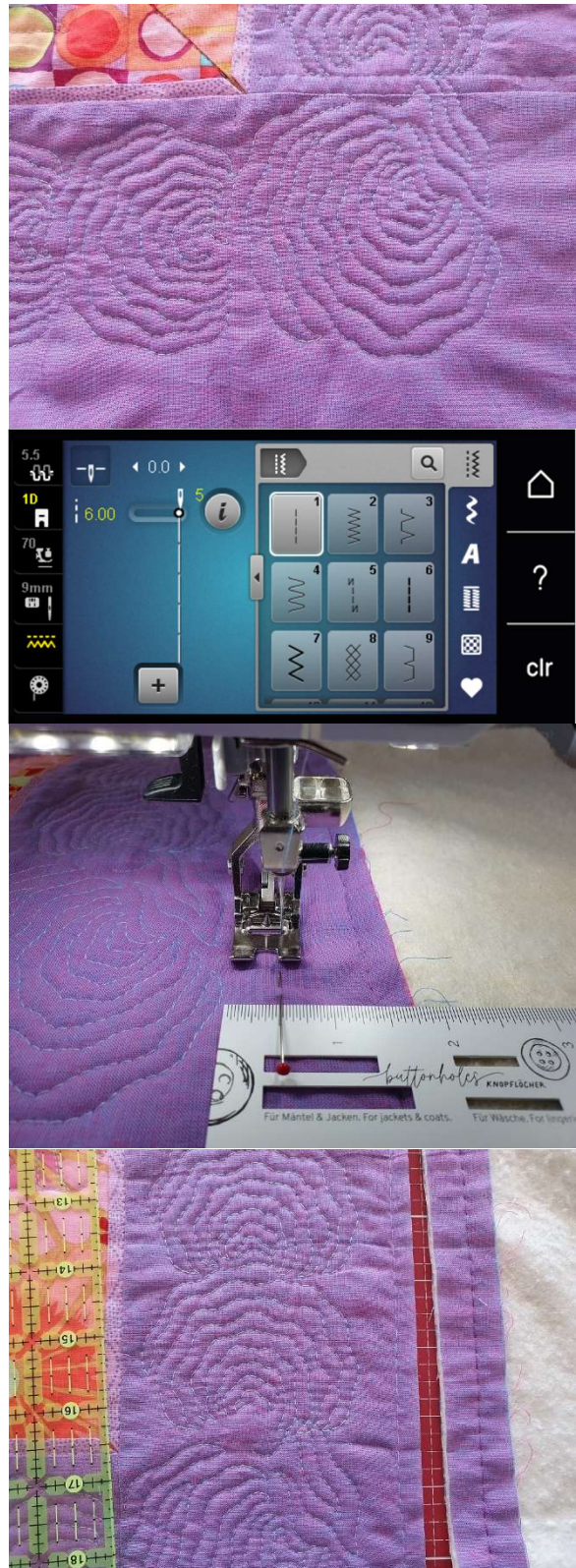


Unpick the basting stitches in the middle of the borders and the corners.

Prepare the machine for sewing:
9 mm Stitch Plate, Presser Foot #1D,
straight stitch, stitch length 6, needle
position all to the right (5).

Baste around the outer edge of the quilt 1/2"
from the edge of the quilted designs.

Trim all layers of the patchwork at 1/4"
distance to the basting and straighten the
edge if necessary.



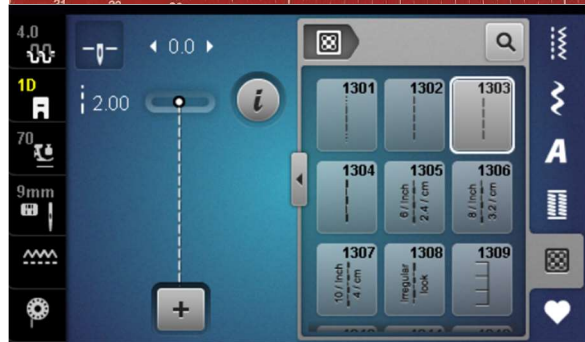
Binding

Bind the quilt, using your preferred method.

We used the following method for binding:
Attach Foot #1D, select stitch 1303.

Join the 2 1/2" strips at 45-degree angle, until having the required length to go around the edge of the quilt, plus 20" for corners, beginning and end.

Cut the starting end of the binding at a 45-degree angle and fold in 1/4". Wrong sides together, fold strip in half lengthways, keeping the raw edges level, and press.



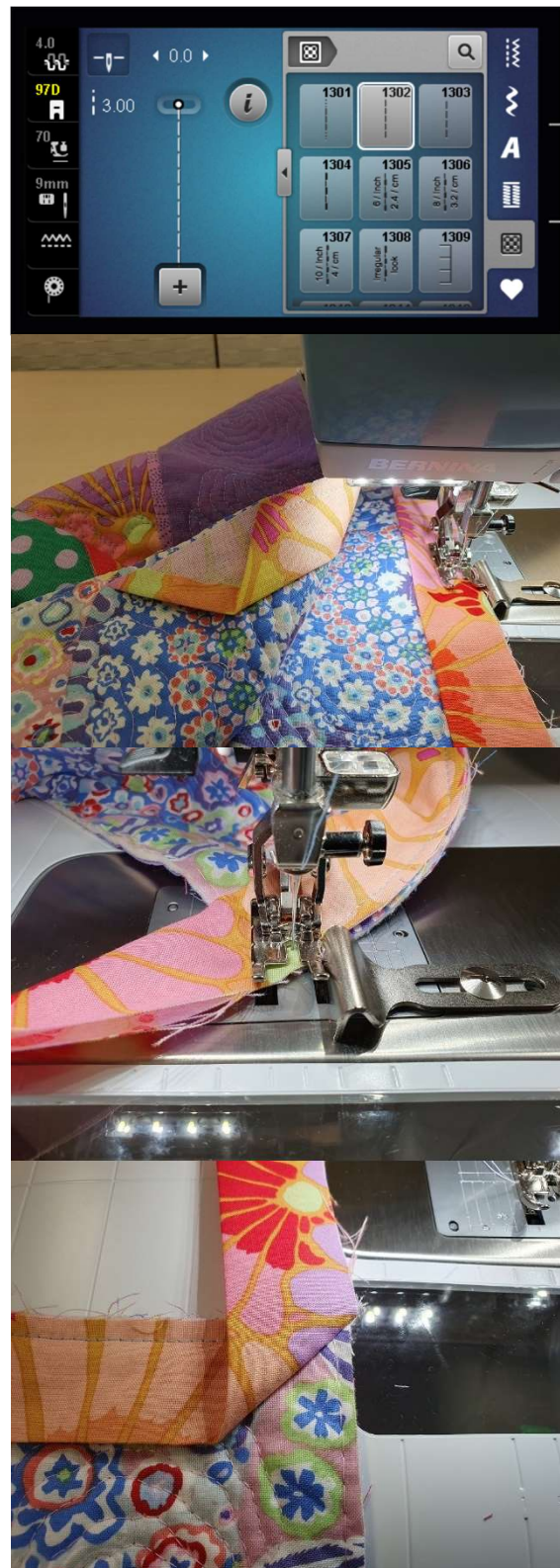
Attach Foot #97D with Guide, activate Dual Feed. Attach the Straight Stitch Plate. Select stitch 1302

Starting at the center of on edge, place the doubled binding on to the wrong side of the quilt, keeping raw edges level.

Stitch the binding in place with a 1/4" seam allowance, starting 1/4" from the diagonal folded edge, securing the first stitches.

Sew until 1/4" before the corner, then turn the project and sew at an angle 45-degree off to the corner the quilt.

Fold the loose end of the binding up, making a 45-degree angle.



Keeping the diagonal fold in place, fold the binding back down, aligning the fold with the last raw edge, and the binding raw edges with the next side of the quilt.



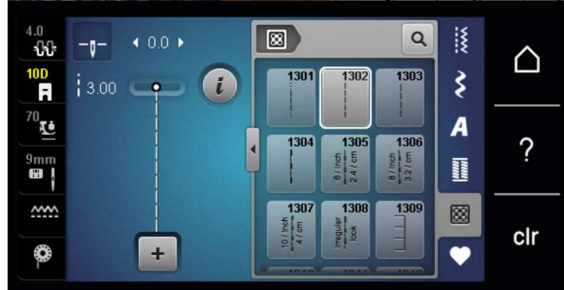
Continue stitching 1/4" in from the fold and sew the other sides and corners towards the end.



Tuck the finished end of the binding inside the diagonal starting section and sew, add a few securing stitches.



Attach the 9 mm Stitch Plate and Edgestitch Foot #10D (or the Reverse Pattern Foot #1D or the Walking Foot with Guiding Sole #50).



For topstitching, we used the Combi Mode and created a stitch consisting of 3 x 3 mm long straight stitches and a short, narrow zigzag of 2 mm width and 0.75 mm length and adjusted the zigzag needle position to align with the straight stitch. You can save your customized stitch into the Personal Memory.

Turn the folded edge of the binding on to the front of the quilt and topstitch, folding as you go.

Fold mitered corners and continue topstitching until you're done.





"Color is the tonic the world needs."