

QUILTING

MACHINE QUILTING

ECHO QUILTING - FOOT #55

ECHO QUILTING - FOOT #44C

FREE-MOTION QUILTING

FREE-MOTION STITCHING

RULERWORK



MACHINE QUILTING

Walking Foot #50 is designed to feed fabrics that don't usually move easily under the presser foot such as velvet and vinyl; and layered fabrics, such as quilts. It is also useful for ensuring that stripes and plaids don't shift as they are being stitched. The BERNINA Walking Foot comes in one version that has a needle opening of 5.5 mm and a wide sole that works with both 9 mm and 5.5 mm models.

Walking Foot #50 comes with three interchangeable soles:

- The Standard Sole offers the most support for matching plaids and stripes. It also works well for fabrics that tend to stick or slip.
- The Open Sole is open between the toes, giving full visibility of the needle, making it easy to follow a quilt design.
- The Center Guide Sole has a metal guide in the that facilitates edgestitching and stitching in the ditch.

Walking Foot #50 has two seam guides (right and left); they attach to the back of the foot and are held in place by a removable collar. These guides make it easy to sew parallel rows up to 4" apart with minimal marking.

Supplies & Settings

- Two pieces quilting cotton, one piece of batting, all 10" x 10" to make a quilt sandwich
- Cotton or polyester thread
- Walking Foot #50 with Guides
- 80/12 Universal needle
- Center needle position
- Stitch: Straight Stitch

Grid Quilting

1. Attach Walking Foot #50 to the machine by placing the foot under the attachment cone while bringing the U-shaped arm over the needle bar. Attach a guide to the back of the foot and set it about 1" from the needle.
2. Mark a vertical line 1" from one edge of the fabric.
3. Stitch along the drawn line.
4. Place the guide on the stitched line and sew a second one parallel to the first.
5. Continue stitching parallel lines across the fabric.
6. Repeat process with horizontal lines, forming a grid.



Walking Foot #50



Note: Create a diagonal grid by stitching lines angled at 45 degrees in opposite directions.

ECHO QUILTING - FOOT #55

Leather Roller Foot #55, originally designed to roll across leather, is an unusual looking foot that is easy to maneuver when echo stitching.

When using Foot #55, the fabric is only controlled where the wheel holds it down on the feed teeth, so it acts as a pivot point and makes it easy to move the fabric back and forth, even in circles to follow a shape. The needle should be close to the wheel in the far-left position for the best stitch formation.

Supplies & Settings

- One piece quilting cotton, one piece of batting, both 8" x 8"
- Cotton or polyester thread
- Leather Roller Foot #55
- 80/12 Universal needle
- Far Left needle position
- Stitch: Straight Stitch

Echo Quilting

1. Attach Leather Roller Foot #55 to the machine.
2. Move the needle to the far left position.
3. Draw or fuse a shape near one edge of the fabric.
4. Use the wheel as a guide to keep the lines of stitching evenly spaced on your project. Follow the shape you are echoing by keeping the back of the wheel on the previous line of stitching. Maneuver around the shape by moving the fabric as you sew. Sew several lines of stitching, echoing the drawn line or shape.



Leather Roller Foot #55



ECHO QUILTING - FOOT #44C

Foot #44C has a clear sole that compresses a large area around the needle to make it easy to see your stitching as you echo quilt. Cross hairs and concentric circles engraved in the sole are used as guides for even and consistent spacing when echo stitching.

Supplies & Settings

- One piece quilting cotton, one piece of batting, both 8" x 8"
- Cotton or polyester thread
- Echo Quilting and CutWork Foot 44C
- 80/12 Universal needle
- Center needle position
- Stitch: Straight Stitch
- Lowered Feed Dog

Echo Quilting

1. Attach Echo Quilting and CutWork Foot #44C to the machine.
2. Lower the feed dog.
3. Draw or fuse a shape near one edge of the fabric
4. Follow the shape you are echoing by using the crosshairs or circular marks on the sole of the foot for spacing.



**Echo Quilting and
CutWork Foot #44C**



FREE-MOTION QUILTING

Quilting Foot #29 is designed to work with both thick and thin quilt battings. The clear sole lets you see exactly where you are placing your stitches. This foot has two versions. Both have 9 mm needle openings but 29C has a sensor for presser foot recognition.

Supplies & Settings

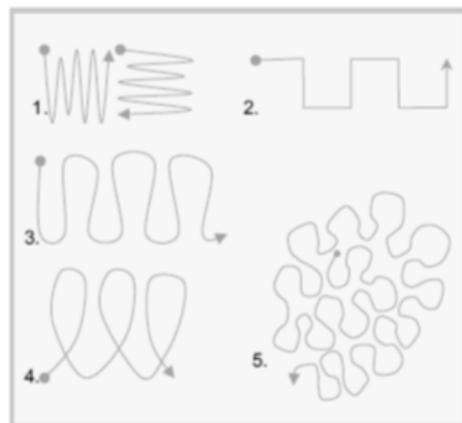
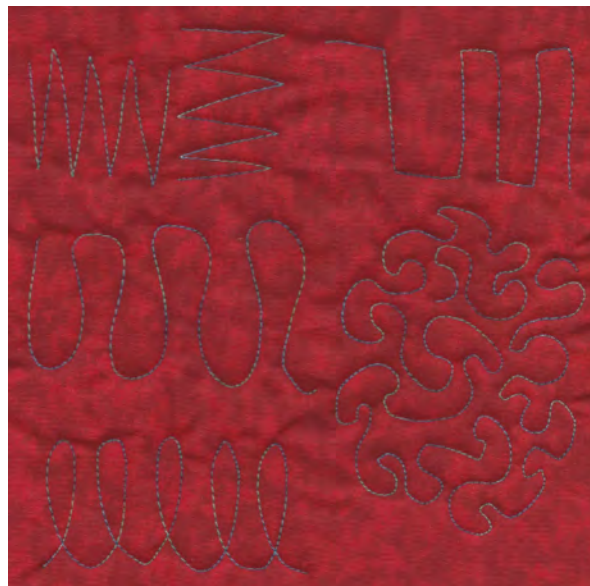
- Two pieces quilting cotton, one piece of batting, all 10" x 10" to make a quilt sandwich
- Cotton or polyester thread
- Freehand Quilting #29/29C
- 80/12 Universal needle
- Center needle position
- Stitch: Straight Stitch
- Lowered Feed Dog

Free-Motion Quilting

1. Attach Freehand Quilting Foot #29/29C and lower the feed dog.
2. Create a "quilt sandwich" by placing batting between the fabric squares, wrong sides to the batting. Use a temporary adhesive spray to "baste" the layers together.
3. Select the Straight Stitch.
4. Position one hand on each side of the square and practice the shapes shown below on the diagram. Move the fabric in a forward/back motion and a side-to-side motion. Move hands from side to side, then top to bottom, keeping the lines perpendicular to each other. Move hands in smooth curves from left to right.
5. Create stippling shapes – think of interconnecting puzzle pieces with evenly sized "bumps." Avoid "painting yourself into a corner" and/or stitching across a previously stitched line.



Freehand Quilting Foot #29/29C



FREE-MOTION STITCHING

The BERNINA Stitch Regulator #42, known as the BSR, is a free-motion presser foot. It helps beginners quickly master free-motion stitching and let's more experienced stitchers tackle increasingly challenging techniques.

Supplies & Settings

- One piece quilting cotton, one piece of batting, both 10" x 10"; flower motif cut from printed fabric or a flower shape cut from solid fabric backed with fusible web and fused to 10' X 10' square.
- Cotton or polyester thread
- BERNINA Stitch Regulator #42
- 80/12 Universal needle
- Center needle position
- Stitch: BSR Straight Stitch
- Lowered Feed Dog

Free-motion Stitching

When free-motion stitching, it is important to coordinate the movement of the fabric with the speed of the machine to get even, consistent stitches. If you move the fabric too slowly, you get tiny stitches, too fast gives you long basting stitches. When using the BSR, you set your desired stitch length and the BSR regulates the stitch as you move the fabrics.

1. Attach the BSR and connect the cable into your machine; the BSR screen appears and you can select the straight or zigzag stitch.
2. On the screen, select Mode 1 or 2 as desired. When Mode 1 is selected, the needle immediately starts to move up and down, with or without fabric under it. This is the ideal mode for quilting points and/or corners, as the needle continues to stitch when paused at a point or corner. When working in BSR Mode 2, the motor is engaged only when the fabric is moved under the foot, providing time to stop and think about the path that the needle is taking.
3. Thread-paint the fused flower, adding details as desired. If you move too quickly, the machine will beep so you can slow down. As with any free-motion stitching, it takes a little practice to master but with the BSR, it takes a lot less!



BERNINA Stitch Regulator #42



RULERWORK QUILTING

Originally a longarm technique, rulerwork quilting is a beautiful style of free-motion quilting made up of precisely shaped and spaced patterns designed to fit the space you are quilting.

When you look at Adjustable Ruler Foot #72, you can see that it is different than other presser feet. The sole is 1/4" high and is designed to work with rulerwork rulers that are also 1/4" high. The thick outside edge of the foot is called the "fence" and it keeps the ruler from sliding under or over the foot as you guide the fabric under the needle.



Adjustable Ruler Foot #72

Supplies & Settings

- Two pieces quilting cotton & One piece batting, all 10" x 10" to make a quilt sandwich
- Cotton or polyester thread
- Adjustable Ruler Foot #72
- 80/12 Universal needle
- Center needle position
- Stitch: Straight Stitch
- Lowered Feed Dog

Rulerwork Quilting

1. Attach Adjustable Ruler Foot #72 to the machine.
2. Lower the feed dog.
3. Place the fabric under the foot and lower the foot.
4. Pull the bobbin thread to the top of the work and take a few short stitches to secure the stitching.
5. Slide the edge of the ruler up to the foot and hold the ruler with your fingertips placed a comfortable distance apart in the area to be stitched.
6. Place enough pressure on the ruler to gently guide the foot along the edge without the ruler moving. Attaching grip dots or strips to the bottom of the rulers will keep the ruler steady.
7. Sew along the edge of the ruler. When near the end, stop the machine, lift the presser foot and slide the ruler in position to continue the line. When changing directions, simply reposition the ruler and stitch in the direction needed to follow the ruler – no need to rotate the quilt!



As with any free-motion technique, rulerwork takes practice. Not only must you control the movement of the fabric and the speed of the machine, but the ruler must be managed as well. But practice makes perfect and before long, you will be creating beautiful, perfectly-spaced lines of quilting.

STIPPLE QUILTING

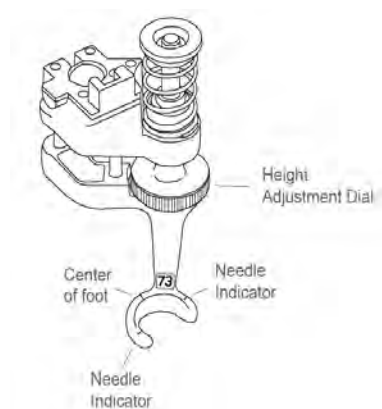
Create beautiful textured quilting stitches with Adjustable Stippling Foot #73. This height-adjustable, free-motion presser foot is perfect for techniques such as meandering, stippling and micro stippling.

Supplies & Settings

- Two pieces quilting cotton & one piece batting, all 10" x 10" to make a quilt sandwich
- Cotton or polyester thread
- Adjustable Stippling Foot #73
- 80/12 Universal needle
- Center needle position
- Stitch: Straight Stitch
- Lowered Feed Dog

Stipple Quilting

1. Attach Adjustable Stipple Foot #73 to the machine.
2. Lower the feed dog.
3. Place the fabric under the foot and lower the foot.
4. Pull the bobbin thread to the top of the work and take a few short stitches to secure the stitching.
5. Start to sew by moving the fabric side to side and front to back, filling in the selected area with a continuous line of wavy, sinuous stitching. Stippling is a series of rounded shapes (similar to puzzle pieces) sewn in a continuous line. They interlock with each other without touching or crossing over any lines of stitching. Widely-spaced stippling is called meandering and closely-spaced is micro-stippling.



The sole of the Foot #73 is offset from the shaft, giving an unobstructed view of the stitching area. There are engraved markings to help you precisely place your stitches.



Adjustable Stippling Foot #73

