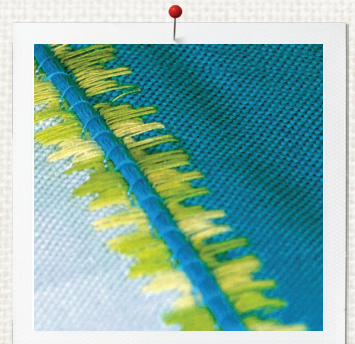


THE **BIG** Book of Feet

A GUIDE TO **BERNINA** PRESSER FEET AND ACCESSORIES

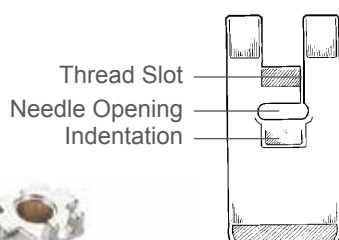


**Updated Information
for the first edition of
the Big Book of Feet.**



made to create **BERNINA**

Zigzag Foot #0



The smooth, flat sole of Zigzag Foot #0 holds the fabric firmly against the feed dog of the sewing machine, aiding in the feeding of the fabric under the needle. A slight indentation behind the needle allows the thread on the stitched fabric to pass smoothly under the back of the foot. Foot #0 works well when straight stitching or when using a zigzag stitch with a length of 1.5 mm or longer. This foot, available in only one version, is designed for BERNINA models with a stitch width of up to 5.5 mm but can be used on all models.

An engraved line marks the center of the foot; the slot next to it allows the needle thread to be put under the foot and placed to the back when sewing. The needle opening of the foot is wide enough for a stitch width of 5.5 mm, making it useful for sewing a wide range of practical stitches when used with a stitch plate that has a 5.5 mm opening.

Finger Guard #99 can be purchased separately and attached to the back of Zigzag Foot #0. Especially suitable for children and beginning sewers, the guard keeps your fingers clear of the needle when sewing.



Zigzag Foot #0 with
Finger Guard #99



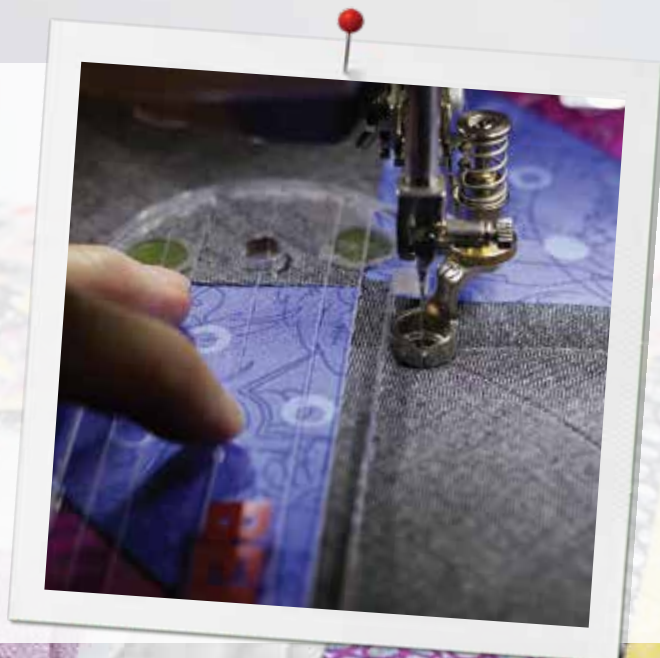
ZIGZAG FOOT #0 TECHNIQUE SETTINGS

Technique	Stitch	Width	Length	Needle Position
Basic Gathering	Straight ————	0 mm	5-6 mm	Any
Oversewing Edges	Zigzag ^^^^^	3-5 mm	1.5-3.5 mm	Center
Seaming Tricot	Zigzag ^^^^^	0.5-1.5 mm	1.5 mm	Center
Elastic Waistband	Universal 〰〰〰	4-5mm	1.5-2 mm	Center
Lace Edging	Zigzag ^^^^^	0.5-1 mm	1.5-2 mm	Center
Shell Edging	Blind ^ _ ^	2.5-4 mm	1.5-2.5 mm	Center
Zigzag Seam for Knits	Zigzag ^^^^^	1-2.5 mm	1.5 mm	Center
Double/Triple Needle Stitching	Any forward motion stitch	Varies	Varies	Center
Double Needle Knit Hem	Straight ————	0 mm	2-4 mm	Center
Ribbon Embellishment	Straight ————	0 mm	2-4 mm	Center
Triple Needle Designer Hem	Straight ————	0 mm	2-4 mm	Center

Adjustable Ruler Foot #72

Ruler work is a form of quilting that uses specialized acrylic rulers in the stitching process to create uniform, repetitive designs. Traditionally a longarm quilting technique, Adjustable Foot #72 brings it to the BERNINA sit-down sewing machines. Create straight lines, curved lines, scallops, waves, crosshatching, grids, diamonds and more to have beautiful, consistently-spaced quilting designs.

The sole of Foot #72 is thick because the foot is designed to be used with acrylic rulers that are $\frac{1}{4}$ " thick. The feed dog is lowered and the ruler is guided manually with the base of the foot resting against the edge of the ruler.



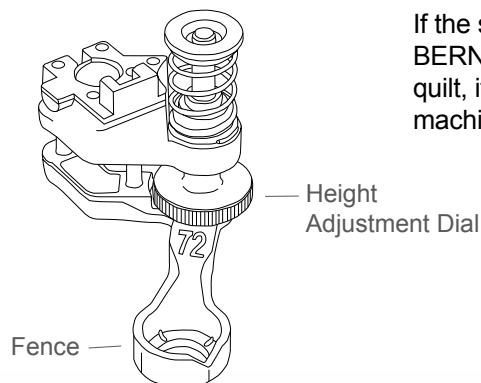
Adjustable Ruler Foot #72



At first glance, it's easy to see that Adjustable Ruler Foot #72 is different from other presser feet. The sole is thick and sits $\frac{1}{4}$ " above the surface of the fabric. The thick outside edge of the foot, called the "fence", keeps the ruler from sliding under or over the foot as you guide the fabric under the needle. The sole is stable and sturdy, which makes it steady when the ruler is against it. With 360° access the ruler can be placed against the sole at any point.

The engraved markings on the inside and outside of the sole are useful for positioning the needle along a seam or marked line. The V-shaped cutout on the side of the sole allows visibility of the needle as it stitches. The spring on the foot offers a buffer between the needle bar and the foot so if the foot is raised when the needle is down, the needle will not break.

Using the side adjustment dial, the height of the foot can be adjusted to accommodate the thickness of the quilt, making it easy to use various batting thicknesses and still move the fabric smoothly under the needle. The sole should sit just above the quilt with enough room to easily glide over the fabric and seams. If the height is too high, thread loops and/or skipped stitches may result and flagging (fabric travelling up the needle) may occur.



If the sole needs to be adjusted further, use the pressure adjustment of the machine. On BERNINA 4, 5, and 6 Series machines, lower the pressure setting for less pressure on the quilt, if needed. The foot height will not change with this adjustment. On 7 and 8 Series machines, the foot raises or lowers as the pressure is changed.

ADJUSTABLE RULER FOOT #72 TECHNIQUE SETTINGS

Technique	Stitch	Width	Length	Needle Position
Stitch-in-the-Ditch, Crosshatching, Circles, Continuous Curves, Curved Crosshatching, etc.	Straight ————	0 mm	NA – feed dog lowered	Center

Tips

- Foot #72 is not meant to be used with rotary cutting rulers as they may easily slide under the foot while stitching, potentially causing a broken needle and ruler, with the possibility of machine damage. The thick quilting ruler is held against the ruler foot during stitching to act as a guide for controlling shape and spacing as you quilt.
- When doing ruler work on a sit-down sewing machine, it is best to have the machine in a table or cabinet that creates a level surface. A large extension acrylic table may also be used.
- For best results, use a straight stitch needle plate with Adjustable Ruler Foot #72.
- Lower Foot #72 when using the needle threader of the machine.



Basic Ruler Work

To do basic ruler work, you'll need Adjustable Ruler Foot #72 and specialty rulers designed for ruler work. These rulers are $\frac{1}{4}$ " thick and serve as templates for stitching lines and curves to create geometric quilting designs. BERNINA has two ruler kits made for use with BERNINA domestic machines and Q Series machines. These rulers offer a variety of shapes and sizes with which to create beautiful quilting designs. The rulers and Adjustable Ruler Foot #72 may be used with both BERNINA sit-down machines and Q Series longarm machines.

Place the fabric under the foot and lower the foot. Pull the bobbin thread to the top of the work and take a few short stitches to secure the stitching. 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. Place enough pressure on the ruler to gently guide the foot along the edge without the ruler moving.

Sew along the edge of the ruler. When near the end, stop the machine 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, ruler work 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'll be creating beautiful, perfectly-spaced lines of quilting.



Nested Ovals, Nested Circles, Mini 4-in-1, S-Shape, Starter Tool



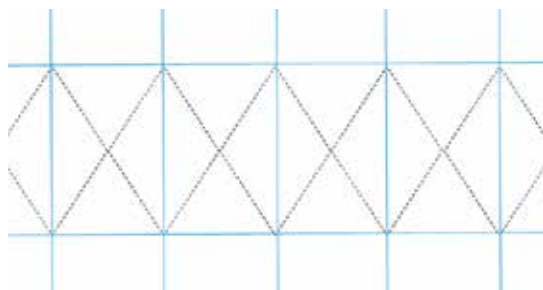
Mini Line Tool, Squiggle Template, Nested Mini Ovals, Nested Mini Circles, Mini 4-in-1



Straight Line Quilting

Repetitive lines of parallel stitching add a simple, clean texture that's perfect for modern quilts. Piano Keys are easy to stitch using the Straight-Line Tool. Position the needle at the desired starting point. Lower the foot and place the ruler against the edge of the sole. Stitch the first line and then move to the next position by stitching along the edge of the block or in a seam line to hide the stitching.

Diamonds are created using a straight ruler. Use a fabric marker to mark height and points of the diamonds on the fabric to use as a guide for ruler placement. Angle the ruler and stitch the along the edge of it, repositioning it as needed to form the diamonds.



Tips

- When using nested rulers, use painter's tape to hold the separate pieces together.
- Wearing quilting gloves improves your grip on the fabric and helps to control the fabric while maneuvering the foot along the edge of the rulers.
- Use a non-skid product on the bottom of the rulers to keep them from slipping as you move the fabric.



Curved Line Quilting

Stitching curved lines is very similar to straight line quilting; the main difference is the choice of ruler. The nested circles, nested ovals, squiggle template, mini 4-in-1 tool, or any other ruler with a curved edge will let you stitch scallops, waves, and other curved lines quickly and easily.

Long lines of curves and waves work especially well for quilt borders. Position the needle into the fabric at the desired beginning point. Lower the foot and place the curved ruler against the edge of the foot. Move the ruler with the fabric, keeping the foot against the edge of the ruler. At the end of the ruler, reposition it as desired and continue stitching, following the shape of the ruler.

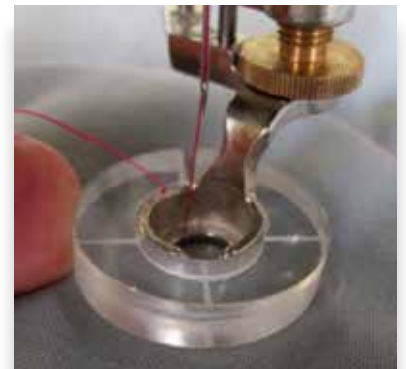


Echo Quilting Clips

Designed to be used with Adjustable Ruler Foot #72 and Ruler Foot #96, the BERNINA Echo Quilting Clips serve as an extension to the sole of the presser foot, letting you adapt the foot for various widths of spacing between the stitched echoes. The clips come as a set of three, $\frac{1}{2}$ ", $\frac{3}{4}$ " and 1". Each clip has a thread slit, making it possible to attach the ring to the foot without breaking the thread. There are etched lines, $\frac{1}{4}$ " apart as well as etched horizontal and vertical guidelines.



The echo clip fits around the soles of Ruler Foot #72 and Ruler Foot #96 with the etched lines down. Align the etched horizontal and vertical lines on the clip with the horizontal and vertical markings on the foot. Push the clip up onto the foot. The small lip on the bottom edge of the echo clip holds the clip securely in place. To remove the clip, with the foot and echo quilting clip on the machine, twist and gently pull the clip down and off the foot. If necessary, use a flat tool in the slit of the foot to release the clip.



Machine Settings for B 780, B 790 and B 880: Select Foot #72 and adjust the height in the touch screen from 0 to -25. The foot will then be lifted and the moving height is reduced to zero; the hopping action of the foot is stopped, letting the foot stay in contact with ruler.

To stitch echoes, follow the instructions for Basic Ruler Work on pages 185-186. Attach one of the echo clips to the foot for the desired spacing. Position the echo ring against a straight or curved ruler and stitch, keeping the ring against the edge of the ruler. The edge of the echo ring can also be guided along a seam line or previously sewn line of stitches.



BERNINA Couching Inserts

A technique for attaching cord to fabric as a surface embellishment, couching is an easy way to add color and texture to a variety of projects. The BERNINA couching inserts are metal discs that turn the Adjustable Ruler Foot #72 into a free-motion couching foot. Sold as a set, the three inserts accommodate varying sizes of cord or fiber for couching.

To use, simply select the desired disc and snap it on to the bottom of the sole of Foot #72. It should fit snugly with no movement once it is in place; the hole in the center of the insert holds the selected cord or fiber. Thread the selected cord through the hole in the center of the couching insert with the bulk of the cord in front of the foot. For best results, the cord should fill the center hole. If the cord is smaller than the hole, the stitches may miss parts of it as you move the fabric. If the cord is too thick, it will fit too tightly in the hole and will not feed easily as you move the fabric.

Set the machine for straight stitching and engage the Needle Stop Down function. Before starting to stitch, pull the bobbin thread to the top of the work by taking one stitch. Take several tiny stitches to secure the beginning of the cord. Placing your hands on each side of the fabric, continue stitching, moving the fabric as desired to sew the cord onto the surface. Take care to manage the cord as you move the fabric, keeping the excess cord that is in front of the foot away from the needle. To end the couching, lock the stitches with a few tiny stitches.



Tip

Use heavy decorative threads that are too large to be threaded into a needle and other narrow cords for couching with Foot #72.



Machine Embroidery Hoops

Hoop Tips

- For best stitching results, select the hoop closest in size to the design being stitched. This is especially important for intricate or dense designs where stitch placement is critical. By keeping the amount of fabric surrounding the design area as small as possible, the likelihood of the fabric pulling toward the center of the hoop is reduced, helping to prevent puckering and gaps in the design.
- Keep two hoops of each size – ex: two small, two medium, and two large hoops. Since the pressure exerted on hoops that are not round is uneven, it may cause them to warp after extended use. Use one set of each for thick fabrics, which will stretch sooner, and one set for thin fabrics. When you have more than one hoop of the same size, mark the inner and outer rings of each set with a different color permanent marker ensure a correct match – and best fit – every time.

Freearm Adapters

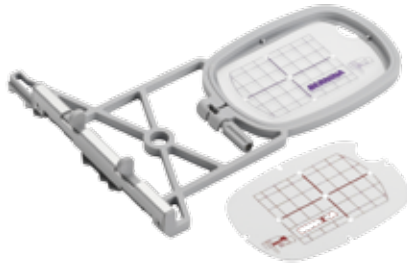
Adapter is for use with the Small Hoop and the Adapter Set is for the Medium and Large Oval Hoops.



Small Hoop

72 x 50 mm = approximately 2.7" x 2"

Use with the Freearm adapter and Red Template to embroider closed and tubular items such as sleeves, trouser legs, socks, etc. Use the Purple Template to position the sewing project accurately when not using the free-arm adapter.



Medium Hoop

100 x 130 mm = approximately 3.9" x 5.1"



Large Hoop

155 x 200 mm = approximately 6.1" x 7.8"



Large Oval Hoop

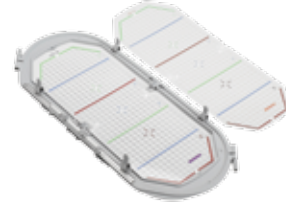
145 x 255 mm = approximately 5.7" x 10"



Mega Hoop

150 x 400 mm = approximately 5.9" x 15.7"

This hoop for extra-large embroidery designs and borders is repositionable with three positions.



Midi Hoop

265 x 165mm = approximately 10.5" x 6.5"



Maxi Hoop

400 x 210 mm = approximately 16.2" x 8.3"



Jumbo Hoop

420 x 270 mm = approximately 16.5" x 10.5"



Hoop 'N' Buddyz

For embroidering caps and special materials such as velvet. For use with the Large Oval Hoop.



BERNINA Q Series Longarm Machine Accessories

Designed for the BERNINA longarm machines, these accessories let you quilt the way you want, whether it is with ruler work, pantograph designs, or free-motion. Add convenience and ease with batting rails to hold rolls of batting, additional shelf storage space, a hydraulic lift, and castors for easy repositioning of the frame. Get the most from your BERNINA longarm machine by accessorizing it to fit your quilting needs.



BERNINA Q Series Longarm Machine Accessories

Free-Motion Presser Feet

The presser foot that is included with the BERNINA Q Series Longarm machines is Darning Foot #9. This spring-loaded foot can be used for a variety of free-motion techniques on BERNINA sewing machine and longarm models. Additional BERNINA free-motion presser can be used for quilting, thread painting, couching, and other creative applications. These optional accessory feet are:

- Embroidery Foot #15
- Free-Motion Embroidery Foot #24
- Drop-shaped Embroidery Foot #26
- Quilting Foot #29/29C
- Free-Motion Couching Foot #43
- Echo Quilting and CutWork Foot #44C



Spool Holders

- Horizontal Spool Holder: This spool holder holds one spool of thread on the left side of the machine. Good for controlling hard-to-handle specialty threads.
- Vertical Spool Holder: Adds two thread spools on the top of the machine for a total of four. Works well with stacked threads including metallics.

Note: Horizontal and Vertical Spool Holders are sold separately.



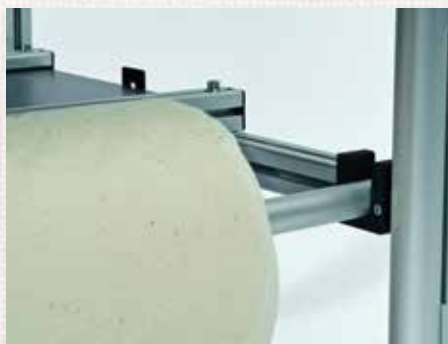
Stitch Plate for Twin Needles

The needle opening of this stitch plate accommodates a Universal 3 or 4 mm double needle. The cutouts on the plate allow the functionality of the BERNINA Stitch Regulator sensors and the plate is a clip-on style that's easy to install with no extra tools.



Batting Rail

The Batting Rail holds rolls of batting for easy storage and placement while quilting.



BERNINA Q Series Longarm Machine Accessories

For more information on ruler work, see Adjustable Ruler Foot #72 on page 185.

BERNINA Quilting Rulers

BERNINA has two ruler kits made for use with BERNINA sewing machines and Q Series machines. These rulers offer a variety of shapes and sizes with which to create beautiful quilting designs.

All of these rulers are made to be used with Adjustable Ruler Foot #72 and Ruler Foot #96. They work with both frame and sit-down machines.



Nested Ovals, Nested Circles, Mini 4-in-1, S-Shape, Starter Tool



Mini Line Tool, Squiggle Template, Nested Mini Ovals, Nested Mini Circles, Mini 4-in-1

Ruler Foot #96

Developed for longarm quilting, ruler work is a technique that allows you to quickly sew evenly-spaced rows of stitching with straight or specialty rulers. The rulers serve as templates for stitching lines and curves to create geometric quilting designs. The ruler is placed next to the sole of the presser foot and then the foot is guided along the edge of the ruler to create beautiful quilting designs.

If using Ruler Foot #96 on the BERNINA Quilt Frame, you must have the Ruler Work Kit. It includes Foot #96, a multi-purpose ruler and an extension table for a wider work space, providing support for the ruler.



Basic Ruler Work

Pull the bobbin thread to the top of the work and take a few short stitches to secure the stitching. 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. Place enough pressure on the ruler to gently guide the foot along the edge without the ruler moving.

Move the machine to sew along the edge of the ruler. When near the end, stop the machine, 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.



Curved Line Quilting

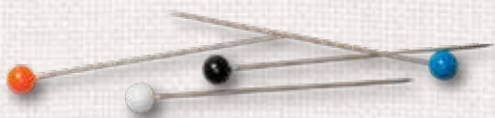
The Mini 4-in-1 tool is an excellent choice for this technique but any curved ruler will work. Position the needle into the fabric at the desired beginning point. Lower the foot and place the ruler against the edge of the foot and angle it accordingly on the fabric. Place a piece of low adhesive tape such as painter's tape across the ruler, helping to quickly align with the seam, always keeping the ruler at the same angle.

Create scallops and waves using the Squiggle Tool. This is an easy ruler technique that works well for quilt borders. Because this is a longer ruler you will want to position your hand on the ruler at a comfortable hand span.



Tips

- When using nested rulers, use painter's tape to hold the separate pieces together.
- Wearing quilting gloves improves your grip on the fabric and helps to control the fabric while maneuvering the foot along the edge of the rulers.
- Use a non-skid product on the bottom of the rulers to keep them from slipping as you stitch.



BERNINA Q Series Longarm Machine Accessories

Pantograph Kit

The Pantograph Kit includes everything you need to easily stitch edge-to-edge designs. Stitch beautiful motifs following commercial pantographs or patterns of your own creation. Kit includes Pantograph Handles, Touch Screen, Laser Light, metal Stylus, Holder for light/stylus, sample pantograph and transparent plastic foil.



Hydraulic Lift Control

The Hydraulic Lift is the most comfortable way to be flexible when it comes to the height of your frame. Just press a button to change the height.



Additional Shelving

The additional shelving underneath provides extra storage space.



Frame Casters

Fit your frame with casters for easy repositioning. Each caster can be locked to secure the frame in place.



Mechanical Channel Lock

Used for locking the X and Y axes; especially helpful for grid quilting.



Zippered Leaders

Leaders are fabric panels attached to a quilting frame or a longarm quilting machine. Once attached, these fabric pieces are stationary. The layers of an unstitched quilt are secured to them by basting or pinning. This holds the quilt in place and allows it to be stitched to the edge of the fabric. Zippered leaders make it easy to attach and remove a quilt from the frame. This is especially helpful especially when working on more than one quilt at a time.

Instead of pinning the backing and lower edge of the quilt top directly to the leaders on the frame, the fabric is pinned or machine basted (suggested method) to the respective narrow zippered part of the leader. It is then zipped onto the main part, which has been attached to the frame. Additionally, at any stage, the quilting project, can be quickly changed by easily zipping off one and zipping on another. The project will remain stable and can be put on the frame again in just a few steps.

The existing standard leaders of the frame can be replaced with the set of zippered leaders, consisting of three main parts: Top (holds the quilt top), Back (holds the backing fabric), and Take-up (holds the complete quilt sandwich, including the batting). The set includes all necessary parts to load three quilt projects and are available for all three sizes of BERNINA frames:

- 3 main parts (Top, Back, Take-up)
- 3 narrow parts, printed (Top, Back, Take-up)
- 2 additional narrow parts, plain (Top, Back, Take-up)

Palm Precision Handles

Using the BERNINA Palm Precision Handles, you will be able to quilt intricate details with ease, comfort and full control on the BERNINA longarm frame. These handles make it simple to stitch decorative quilting motifs, fill work, trapunto and other detail work to make your quilts works of art.

Available for all Q Series machines on a frame, these handles are interchangeable with the standard handles and are designed for the users' palm to rest on top of the handles allowing ergonomic, yet precise quilting.



BERNINA Q Series Longarm Machine Accessories

Tip

Keep the Needle Laser Pointer turned on while stitching in the ditch or quilting around an appliqué shape. The red dot will help guide you and improve your accuracy.



Gripper Rings

Available in 11" and 8", these rings make free-motion stitching easier! Designed to hold the stitching area around the needle flat, the rubber grip on the bottom helps hold the rings on the fabric and the handles on each side of the ring offer an easy way to manage the rings as you move your fabric.

The opening in the rings are for slipping them under the needle and removing them when finished. Sold as a set that includes both sizes.



Needle Point Laser

Stitch precisely and accurately to create intricate quilting designs with the BERNINA longarm machine. The Needle Point Laser shows exactly where the needle is going to stitch. No more guesswork or turning the hand wheel to lower the needle. A great tool for the Q-matic, where many features request the setting of an exact point for setting boundaries and markers. The Needle Point Laser is also great tool for placing designs accurately, cutting out a mask or setting a trim line. Use the Needle Point Laser with BERNINA free-motion feet when quilting on the Q24 or Q 20; works with both frame and cabinet sit-down models.

When working with high loft batting or in un-quilted areas, always press the area around the foot down with two fingers. Otherwise there will be a slight offset of the Needle Point Laser due to the loft of the batting.



BERNINA Q-matic

This longarm quilting automation system offers easy, automatic quilting using the BERNINA Q 20 and Q 24 machines on both classic and large frames. With a 21.5" touch screen computer mounted to the frame, you have commands at your fingertips to create quilting motifs from simple edge-to-edge designs to intricate custom designs. The clearly-arranged user interface with task bars, tool bars and design space lets you easily adjust designs directly on-screen with the touch of a finger.

Align designs automatically and get perfect placement on blocks, borders, and sashing strips. Precise Design Placement with the Grab & Drop function make it simple to virtually place quilting motifs, planning your quilt in every detail. Efficient to use, there's no need to return to the main screen to begin stitching. Features such as Boundary (precise design placement within a block) and Mask (stitch background fillers around an applique or shape) let you easily go beyond simple quilting designs.

This BERNINA Q-matic comes with the Art & Stitch program for digitizing and customizing designs. It lets you create your own designs adding creative touches such as applique, fancy fills, and trapunto. Build a library of unique designs by saving them to the Q-matic. Art & Stitch has Wi-Fi capabilities, making it easy to transfer designs from your PC or laptop. Over 600 designs are included with the Q-matic with 250 from renowned European and US designers and the remainder are part of the Art & Stitch program.

The one-touch quick belt release system lets you easily switch from automatic to freehand quilting in seconds. Because the computer is mounted to the side of the frame, the Q Series machine remains lightweight and maneuverable.



Art & Stitch Features

- Create Applique Designs
- Trapunto Effects
- Create Crosshatching, Wave Fills and Auto Stipple
- Create Vector Artwork
- Design Creative Fills
- Digitize from Clipart, Photos, Drawings
- Edit Existing Designs
- Virtual Markers
- More than 350 Designs Included
- Dual Activations for Two Devices



Accessory & Technique Index

<i>Adjustable Ruler Foot #72</i>	183	<i>Buttonhole Foot #3/3C</i>	19
APPLIQUE		<i>Buttonhole Foot #3A and #3B</i>	25
Appliqué Circles (Foot #83)	194	BUTTONHOLES	
Appliqué Lace (Foot #20/20C/20D).....	80	Buttonholes (Foot #3/3C)	21
Appliqué Lettering (CutWork Tool)	142	Corded Buttonholes (Foot #3A and #3B).....	26
Blanket Stitch Appliqué (Foot #20/20C/20D).....	79	Corded Buttonholes (Foot #3/3C).....	22
Blind Appliqué (Foot #20/20C/20D).....	79	Duplicate Buttonholes (Foot #3A and #3B)	26
Corded Appliqué (Foot #6)	39	<i>Button Sew-On Foot #18</i>	75
Corded Appliqué (Feet #22 and #25)	87	Circle Writing (Attachment #83).....	195
Decorative Stitch (Foot #20/20C/20D).....	80	<i>Circular Embroidery Attachment #83</i>	193
Embroidered Appliqué (CutWork Tool)	141	<i>Clear Appliqué Foot #23</i>	89
Satin Stitch Appliqué (Foot #6).....	39	<i>Clear Embroidery Foot #39/39C</i>	119
Satin Stitch Appliqué (Foot #23).....	91	<i>Clear Foot #34/34C/34D</i>	107
Shadow Appliqué (Foot #20/20C/20D).....	80	Coiled Projects (Foot #59C and #60C).....	171
ATTACHING		<i>Cording Feet #22 and #25</i>	85
Attaching Braid (Foot #21/12C).....	82	<i>Cordonnet Foot #11</i>	57
Attaching Buttons (Foot #18).....	76	COUCHING	
Attaching Heavy Trim (Foot #38).....	117	Couched Circles (Attachment #83).....	196
Attaching Hook-and-Loop Tape (Foot #38)	117	Couched Embroidery (Foot #43)	135
Attaching Ribbon (Foot #10/10C/10D)	52	Couching (Foot #6).....	39
Attaching Snap Tape (Foot #4/4D)	32	Couching (Foot #11).....	59
Attaching Strands of Beads (Foot #21/12C).....	64	Couching (Foot #21/12C)	83
<i>BERNINA Stitch Regulator #42</i>	127	Couching (Foot #23).....	92
Activating the BSR.....	129	Couching (Feet #72 and #96).....	188
Attaching the BSR	129	Couching Sequins (Foot #20/20C/20D).....	80
BSR Settings	130	Double Couching (Foot #3/3C).....	24
Changing the Soles	129	Double Couching (Feet #59C and #60C)	172
Stitching Modes	130	Double/Triple Needle Couching (Feet #22 and #25)	88
<i>Binder Attachment #87</i>	203	Flat Couching (Feet #22 and #25).....	87
<i>Binder Attachment #88</i>	204	Free-Motion Couching (Foot #43)	135
<i>Binder Foot #95</i>	202	<i>Covered Wire (Foot #11)</i>	59
BINDING		<i>CrystalWork Tool #48</i>	151
Bias Bound Necklines (Attachment #87 and #88).....	206	Curved Piecing (Feet #37/37D, #57/57D, #97/97D).....	114
Binding (Foot #70 and #71).....	182	Custom Cord (Foot #21/12C).....	84
Mitered Corners.....	205	CUTWORK	
Straps, Laces, and Ties (Attachment #87 and #88)	206	Cutting Shapes (CutWork Tool).....	141
<i>Blindstitch Foot #5</i>	33	Cutwork (Foot #20/20C/20D).....	79
<i>Bobbins</i>	229	Embroidered Cutwork (CutWork Tool).....	142
<i>Bobbin Cases</i>	230	Freehand Cutwork (Foot #24)	96
<i>Braiding Foot #21</i>	81	<i>CutWork Tool</i>	139
<i>Bulky Overlock Foot #12/12C</i>	61	Darning (Foot #9)	48
<i>Buttonhole Accessories</i>	27	<i>Darning Foot #9</i>	47
<i>Buttonhole Leveler</i>	28	Decorative Stitching (Foot #1/1C/1D).....	15
<i>Buttonhole Compensation Plates</i>	28	Decorative Stitching (Foot #34/34C/34D).....	108
<i>Buttonhole Cutter</i>	27		

DIRECTIONAL STITCHES

Directional Single Stitches (Foot #40C).....	125
Directional Large Motifs (Foot #40C).....	125
Directional Stitch Combinations (Foot #40C).....	125
Distortion Function (Foot #40C).....	126
Large Monograms (Foot #40C).....	126
Stitch Designer Stitches (Foot #40C).....	126

<i>Double Cord Feet (Foot #59C and #60C)</i>	169
--	-----

DOUBLE AND TRIPLE NEEDLEWORK

Double/Triple Needle Stitching (Foot #0).....	11
Double Needle Stitching (Foot #1/1C/1D).....	16
Double Welting (Foot #59C and #60C).....	172

<i>Drop-Shaped Embroidery Foot #26</i>	97
--	----

<i>Echo Quilting Clips</i>	187
----------------------------------	-----

<i>Echo Quilting and CutWork Foot #44C</i>	137
--	-----

EDGE FINISHES

Cord Edges (Foot #10/10C/10D).....	52
Cord Edge (Foot #12/12C).....	64
Cord Scallops (Foot #6).....	40
Fine Edge Finish (Foot #3/3C).....	23
Finishing Seams (Foot #2/2A).....	18
Lace Edging (Foot #0).....	10
Lace Edging (Foot #10/10C/10D).....	55
Hong Kong Seam Finish (Foot #10/10C/10D).....	56
Off-the-Edge Scallops (Foot #6).....	40
Oversewing Fabric Edges (Foot #0).....	9
Reinforced Edge (Foot #23).....	91
Shell Edging (Foot #0).....	10
Shell Edge (Foot #68 and #69).....	178
Tricot Bound Edges (Foot #10/10C/10D).....	56
<i>Edgestitch Foot #10/10C/10D</i>	49
Edgestitching (Foot #5).....	36
Edgestitching (Foot #10/10C/10D).....	51
Elastic Casing (Foot #21/12C).....	84
Elastic Shirring (Foot #3/3C).....	24
Elastic Waistband (Foot #0).....	10
Embellished Lace (Foot #11).....	59
<i>Embroidery Foot #6</i>	37
<i>Embroidery Foot #15</i>	69
Entredeux (Foot #10/10C/10D).....	56
<i>Eyelet Embroidery Set #82 with Eyelet Foot #92</i>	190

EYELETS

Eyelet Beading (Attachment #82/92).....	192
Eyelet Borders (Attachment #82/92).....	192
Free-Motion Eyelets (Attachment #82/92).....	191

Extended Sewing Table.....	232
----------------------------	-----

Fagoting (Foot #7).....	43
Finger Guard #99.....	8
<i>Freehand Embroidery Foot #24</i>	93
<i>Freehand Embroidery Hoops</i>	215
<i>Freehand Quilting Foot #29/29C</i>	99
<i>Free-Hand System (FHS)</i>	232

FREE-MOTION STITCHING

Freehand Monogramming (Foot #24).....	95
Free-Motion Stitching (Foot #24).....	95
Faux Free-Motion (Foot #55).....	167
Free-Motion Bobbinwork (BSR #42).....	131
Free-Motion Weaving (Foot #43).....	136
Needle Sketching (Foot #24).....	96
Thread Painting (Foot #24).....	96
Thread Painting (BSR #42).....	132

<i>Free-Motion Couching Foot #43</i>	133
--	-----

Fringe (Foot #7).....	44
-----------------------	----

GATHERING

Basic Gathering (Foot #0).....	9
Gathering (Foot #6).....	39
Gathering (Foot #16).....	73
Gathered Circles (Attachment #83).....	196
Gathering Over Cord (Foot #3/3C).....	23
Simple Shirring (Foot #16).....	74
Puffing (Foot #16).....	74

<i>Gathering Foot #16</i>	71
---------------------------------	----

HEMS

Blind Hem (Foot #5).....	35
Double Needle Knit Hem (Foot #0).....	12
Drapery Hem (Foot #5).....	36
Hand-Look Hem (Foot #5).....	35
Lace-Trimmed Hem (Feet #61-69).....	178
Narrow Curved Hem (Foot #10/10C/10D).....	54
Narrow Hem (Foot #10/10C/10D).....	54
Scalloped Hem (Feet #68 and #69).....	178
Seams and Hems (Seam Guides).....	214
Triple Needle Designer Hem (Foot #0).....	12
Triple Zigzag Hem (Foot #1).....	15
Turned and Stitched Hem (Feet #61-69).....	176
Corners.....	177
Curves.....	177

<i>Hemmer Feet #61, 62, 63, 64, 65, 66, 68, 69</i>	173
--	-----

<i>Roll and Shell Hemmers</i>	174, 178
-------------------------------------	----------

<i>Straight Stitch Hemmers</i>	174
--------------------------------------	-----

<i>Zigzag Hemmers</i>	174
-----------------------------	-----

<i>Hooping</i>	224
----------------------	-----

Accessory & Technique Index

<i>Invisible Zipper Foot #35</i>	109
<i>Jeans Foot #8/8D</i>	45
<i>Jumbo Trims (Foot #55)</i>	168
<i>Lace Insertion (Foot #10/10C/10D)</i>	55
<i>Lap Seam Feet #70 and #71</i>	179
<i>Leather Roller Foot #55</i>	165
<i>Machine Whip Stitch (Foot #10/10C/10D)</i>	54
<i>Machine Embroidery (Foot #15)</i>	70
<i>Machine Embroidery (Foot #26)</i>	98
<i>Machine Embroidery Hoops</i>	223
<i>Magnifier Set</i>	217
<i>Needle Punch Set #45</i>	
<i>Needle Punch/Felting</i>	145
<i>Needles</i>	225
<i>Non-Stick Feet #52/52C/52D, 53, 54, and 56</i>	163
<i>Non-Stick Open Embroidery Foot #56</i>	164
<i>Non-Stick Straight Stitch Foot #53</i>	164
<i>Non-Stick Zigzag Foot #52/52C/52D</i>	164
<i>Non-Stick Zipper Foot #54</i>	164
<i>Open Embroidery Foot #20/20C/20D</i>	77
<i>Overlock Foot #2/2A</i>	17
<i>PaintWork Tool #93</i>	207
<i>Painting a Design</i>	209
<i>Painting Ceramics</i>	210
<i>Patchwork Feet (Feet #37/37D, #57/57D, #97/97D)</i>	111
<i>Pinstitching (Foot #1/1C/1D)</i>	16
<i>Pintuck Feet #30, 31, 32, and 33</i>	103

PINTUCKS

Corded Pintucks (Feet #30, 31, 32, and 33)	105
Pintucks (Feet #30, 31, 32, and 33)	105
Pintucks and Decorative Stitches (Foot #46C)	148
Pintucks with Hemstitching (Foot #46C)	148
Scalloped Pintucks (Feet #30, 31, 32, and 33)	106
Shadow Pintucks (Feet #30, 31, 32, and 33)	106
Shadow Pintucks (Foot #46C)	148
Shaped Pintucks (Feet #30, 31, 32, and 33)	105

<i>Pintuck and Decorative Stitch Foot #46C</i>	147
--	-----

PIPING

Large Piping (Foot #55)	168
Mini Piping (Foot #23)	92
Mini Piping (Foot #38)	118
Piping (Foot #12/12C)	63
Piping (Foot #59/60)	171
<i>Piping Foot #38</i>	115

<i>Pivotal Stitches (Foot #39/39C)</i>	122
<i>Presser Foot Shanks</i>	212

QUILTING

Channel Quilting (Foot #50)	159
Channel Quilting (Seam Guides)	214
Continuous Line Quilting (Foot #29/29C)	102
Continuous Line Quilting (BSR #42)	132
Contrast Quilting (Foot #26)	98
Echo and Outline Quilting (Foot #55)	167
Echo Quilting (Feet #72 and #96)	187
Freehand Quilting (Foot #29/29C)	101
Grid Quilting (Foot #50)	159
Grid Quilting (Seam Guides)	214
Hand-Look Quilting (Foot #1/1C/1D)	16
Outline and Echo Quilting (Foot #29/29C)	102
Outline and Echo Quilting (Foot #44C)	138
Ruler Work (Foot #72)	185
Ruler Work (Foot #96)	240
Stipple Quilting (Foot #29/29C)	102
Stipple Quilting (BSR #42)	132
Stitch-in-the-Ditch (Foot #50)	159

<i>Reverse Pattern and Roller Foot #1/1C/1D</i>	13
Ribbon Embellishment (Foot #0)	12
<i>Roller Foot #51</i>	161
<i>Ruffler #86</i>	197

RUFFLES AND PLEATS

Ruching (Foot #86)	200
Ruffling or Pleating a Single Layer (Foot #86)	199
Ruffling or Pleating to a Flat Layer (Foot #86)	199

<i>Ruler Foot #96</i>	239
-----------------------------	-----

Sashiko (Foot #11)	60
--------------------------	----

SATIN STITCH

Padded Satin Stitching (Foot #21/12C)	84
Satin Stitching (Foot #6)	38
Satin Stitching (Foot #20/20C/20D)	79
Satin Stitching (Foot #23)	91

<i>Seam Guides</i>	213
--------------------------	-----

SEAMS

1/8" Seams (Feet #37/37D, #57/57D, #97/97D)	113
1/4" Seams (Feet #37/37D, #57/57D, #97/97D)	113
Edge-to-Edge Seams (Foot #10/10C/10D)	52
Flat-Felled Seams (Feet #70 and #71)	181
French Seam (Feet #37/37C, #57/57D, #97/97D)	114
Turning Corners Feet #37/37C, #57/57D, #97/97D)	113
Matching Patterns (Foot #50)	160
Roll and Whip Stitch (Foot #3/3C)	23

Seaming Bulky Knits (Foot #12/12C)	62
Seaming Knits (Foot #1/1C/1D)	18
Seaming Tricot (Foot #0)	9
Seams and Hems (Seam Guides)	214
Zigzag Seam for Knits (Foot #0)	10

SEWING

Sewing Bulky Fabrics (Foot #50)	160
Sewing Circles (Attachment #83)	193
Sewing Faux Fur (Foot #50)	160
Sewing Heavy Layers (Foot #8)	46
Sewing Leather (Foot #55)	167
Sewing Leather and Vinyl (Foot #51)	162
Sewing On Buttons (Foot #18)	76
Sewing Slippery Fabric (Foot #50)	160
Sewing Textured Fabrics (Foot #51)	162
Sewing Uneven Layers (Foot #38)	116

<i>Sideways Motion Foot #40C</i>	123
Snowflake Stitches (Foot #39/39C)	121

<i>Spanish Hemstitch Attachment #47</i>	149
Corded Spanish Hemstitch (Attachment #47)	150
Spanish Hemstitch (Attachment #47)	150

Stitch-in-the-Ditch (#10/10C/10D)	51
<i>Stitch Plates</i>	221

<i>Tailor Tack Foot #7</i>	41
Tailor Tacks (Foot #7)	42
Textured Trim (Foot #7)	42

Thread Accessories

<i>Horizontal Spool Pin</i>	219
<i>Multiple Spool Holder</i>	220
<i>Supplementary Thread Guide</i>	220
<i>Thread Net</i>	219
<i>Vertical Spool Pin</i>	220

TOPSTITCHING

Heavy Topstitching (Foot #70 and #71)	182
Topstitching (Foot #8)	46
Topstitching (Foot #11)	58
Topstitching (Foot #14D)	68

Triple Straight Stitching (Foot #1/1C/1D)	15
---	----

TUCKS

Cross Tucks (Foot #10/10C/10D)	53
Lace-Trimmed Tucks (Foot #10/10C/10D)	55
Shirred Tucks (Foot #86)	200
Single Needle Tucks (Foot #10/10C/10D)	53
Tucks (Foot #14D)	68
Tucks (Feet #37/37D, #57/57D, #97/97D)	113
Twisted Tucks (Foot #10/10C/10D)	53

Understitching (Foot #10/10C/10D)	51
<i>Walking Foot #50</i>	155
<i>Soles (Center Guide, Open, Standard)</i>	157

Wired Edges (#3/3C)	24
---------------------------	----

Zigzag Foot #0	7
Zipper Foot #4/4D	29
Zipper Foot with Guide #14D	65

ZIPPERS

Centered Zipper (Foot #4/4D)	31
Exposed Zipper (Foot #14D)	67
Invisible Zipper (Foot #35)	110
Lapped Zipper (Foot #4/4D)	32
Separating Zipper (Foot #4/4D)	31

E 16 Multi Needle Embroidery Machine Accessories233

Cap Attachment	235
Cap Frames	235
Cap Gauge	235
Cone Clovers	236
Embroidery Hoops	
Inner Arm Hoops	234
Outer Arm Hoops	234
Optional Accessory Hoops	
Inner Arm Hoops	235
Outer Arm Hoops	234
Pocket Clamps	236

BERNINA Q Series Longarm Accessories237

Additional Shelving	241
Batting Rail	238
Channel Lock	241
Frame Casters	241
Free-Motion Presser Feet	238
Hydraulic Lift Control	241
Pantograph Kit	241
Ruler Foot #96	239
Ruler Work Kit	239
Spool Holders	238
Stitch Plate for Twin Needles	238
Quilting Rulers	185, 239
Zippered Leaders	242
Palm Precision Handles	242
Gripper Rings	243
Needle Point Laser	243
BERNINA Q-matic	244