

b59

**Sewing &
Embroidery
Machine**



User Manual

For all my ideas

bernette

SWISS DESIGN

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Please be aware of the following basic safety instructions when using your machine. Before using this machine, read the instruction manual carefully.

DANGER

To protect against electric shock, the following instructions must be observed:

- ▶ Never leave the machine unattended when it is connected to the power supply. Immediately after use and before cleaning, switch off the machine and disconnect the power cable from the outlet.

In order to protect against injury, the following instructions must be adhered to:

- ▶ Do not look directly into the LED lamp with optical instruments (e.g. magnifying glass).
If the LED lamp is damaged or defective, have the LED lamp checked or repaired at your local bernette dealer.
- ▶ Switch off the machine before working in the needle area.
- ▶ Before starting the machine, close all covers.

WARNING

To reduce the risk of burns, fire, electric shock or injury to persons, the following instructions must be observed.

General Facts

- ▶ This machine may only be used for the purpose described in this instruction manual.

Working Environment

- ▶ Do not use the machine outdoors.
- ▶ Only use the machine in dry rooms.
- ▶ Do not use the machine in a humid area.
- ▶ Do not use the machine in rooms where aerosol products (sprays) are being used.
- ▶ Do not use the machine in rooms where oxygen is dispensed.

Technical Condition

- ▶ Never use the machine when it is damp.
- ▶ Do not use the machine if it is not working properly.
- ▶ Do not use the machine if a cable or the plug is damaged.
- ▶ Do not use the machine if it has been dropped, damaged or has fallen into water.
- ▶ If the machine is damaged or does not work properly, have the machine checked or repaired by your local bernette dealer.
- ▶ Keep all ventilation openings of the machine and the foot control free of lint, dust and loose cloth.
Do not use the machine if the ventilation openings are blocked.

Accessories and Supplies

- ▶ Only use accessories recommended by the manufacturer.
- ▶ Always use an original bernette Stitch Plate.
An incorrect stitch plate can result in needle breakage.
- ▶ Always use plastic bobbins of class 15.
If other bobbins are used, proper functioning of the machine cannot be guaranteed.

- ▶ Use only straight needles of good quality. Bent or damaged needles can cause needle breakage.
- ▶ The machine is double-insulated. Only use original spare parts. See instructions for servicing of double-insulated products.
- ▶ To lubricate the machine, only use oil recommended by bernette.

Appropriate Use

- ▶ The machine can be used by children aged 8 years and over or by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they are supervised or have been given instructions on how to use the machine safely and understand the hazards involved. Children are not allowed to play with the machine. Cleaning and maintenance work may only be carried out by children under supervision.
- ▶ Only use the machine with the supplied power cable.
USA and Canada only: Do not connect power plug NEMA 1-15 to circuits exceeding 150 volt-to-ground.
If the machine is to be used in a country other than the country of origin, obtain a power cable suitable for this country from a bernette dealer.
- ▶ Only use this machine with the supplied foot control of type C-8001.
- ▶ Do not insert any objects into the openings of the machine.
- ▶ Do not place any objects on the foot control.
- ▶ While sewing, guide the fabric gently. Pulling and pushing the fabric can cause needle breakage.
- ▶ Keep fingers away from all moving parts.

Special care is required in the needle area.

- ▶ Before lifting or moving the machine, detach the embroidery module.
- ▶ Only lift the machine by the handle.
- ▶ For activities in the needle area – such as threading the needle, changing the needle, threading the looper or changing the presser foot – switch off the machine. To switch off, set the power switch to «0».
- ▶ When protective covers are removed, when the machine is oiled or when other cleaning and maintenance operations mentioned in this instruction manual are carried out, switch off the machine and disconnect the power plug from the outlet.
- ▶ Pull the plug out of the outlet by pulling on the plug. Do not pull on the cable.

SAVE THESE INSTRUCTIONS

FCC Declaration of Conformity

(For USA and Canada)

Responsible Company: BERNINA International AG,
Seestrasse 161, 8266 Steckborn, SCHWEIZ

Product Name: bernette 59

This device satisfies the provisions of Section 15 of the guidelines of the American Federal Communications Commission (FCC). Operation of this device is subject to the following conditions: (1) This device must not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and, according to the specifications in Paragraph 15 of the FCC regulations, is compliant with the limit values for a digital Class B device. These specifications define appropriate protection against such interference in closed rooms. This device can generate, use and radiate HF energy. Therefore, if not installed and used properly, it may cause harmful interference to radio communications. There is, however, no guarantee that interference will not occur in certain situations. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user should try to correct the interference by one or more of the following measures:

- Reorient the antenna or set it up at a different location.
- Increase the spacing between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Contact your BERNINA dealer or an experienced radio/television technician.

Any change or modification to the device that has not been expressly approved by BERNINA can invalidate the electromagnetic compatibility (EMC) and result in the revocation of the operating license for this device.

Availability of the Instruction Manual

The short manual is part of the machine.



The latest version of the detailed instruction manual for the bernette 59 is available at <https://www.bernette.com/support>.

Keep the short manual of the machine in a suitable place near the machine and have it ready for reference. When passing on the machine to a third party, enclose the short manual of the machine.

Proper Use

Your bernette machine is conceived and designed for private household use. It is intended for sewing fabrics and other materials as described in this instruction manual and on the machine. Any other use is not considered proper. BERNINA assumes no liability for consequences resulting from improper use.

Equipment and Scope of Delivery

Example images are used in these instructions for the purposes of illustration. The machines and the accessories shown in the images therefore do not always match the actual items included with your machine. The supplied accessory can vary depending on the country of delivery. Accessories mentioned or shown, which are not included in the scope of delivery, can be purchased as optional accessories from a bernette dealer. Further accessories can be found at [bernette.com/b59](https://www.bernette.com/b59).

For technical reasons and in order to improve the product, changes may be made to the equipment of the machine and the scope of delivery at any time and without prior notice.

Servicing of Double-insulated Products

In a double-insulated product two systems of insulation are provided instead of grounding. No grounding means is provided on a double-insulated product nor should a means for grounded be added to the product. Servicing a double-insulated product requires extreme care and knowledge of the system and should only be done by qualified service personnel. Replacement parts for a double-insulated product must be identical to the

original parts in the product. A double-insulated product is marked with the words: *Double-Insulation* or *double-insulated*.

 The symbol may also be marked on the product.

Environmental Protection

BERNINA International AG is committed to environmental protection. We strive to minimize the environmental impact of our products by continuously improving product design and our manufacturing technology.



The machine is labeled with the symbol of the crossed-out wastebin. This means that the machine should not be disposed of in household waste when it is no longer needed.

Improper disposal can result in dangerous substances getting into the groundwater and thus into our food chain, damaging our health.

The machine must be returned free of charge to a nearby collection point for electrical waste and electronic equipment or to a collection point for the reuse of the machine. Information on collection points can be obtained from your local administration. When purchasing a new machine, the dealer is obliged to take back the old machine free of charge and dispose of it properly.

If the machine contains personal data, you are responsible for deleting the data yourself before returning the machine.

Explanation of Symbols

DANGER

Designates a danger with a high risk which can lead to serious injuries or even death unless it is avoided.

WARNING

Designates a medium-risk hazard which can lead to serious injuries if not avoided.

CAUTION

Designates a low-risk hazard which can lead to minor or moderate injuries if not avoided.

NOTICE

Designates a hazard which can lead to material damage if not avoided.

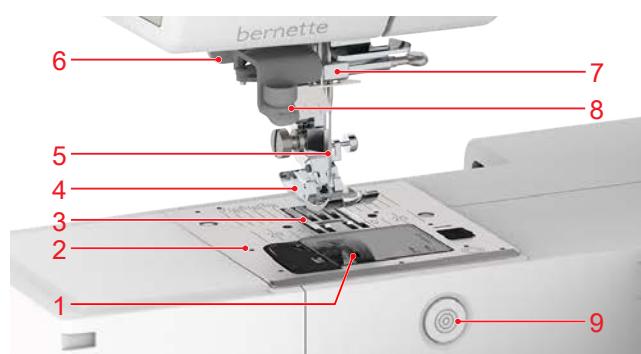
1.1 Machine

Front



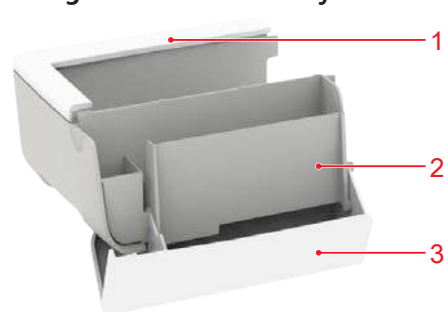
1 Feed Dog Up/Down 2 Needle Area 3 Connection for Embroidery Module 4 Lighting 5 Thread Cutter
6 Thread Take-up Lever 7 Connection for Slide-on Table 8 Connection for Sewing Table

Needle Area



1 Bobbin Cover 2 Stitch Plate 3 Feed Dog 4 Presser Foot 5 Needle 6 Buttonhole Lever 7 Needle Holder
8 Needle Threader 9 Stitch Plate Release Button

Sewing table and accessory box

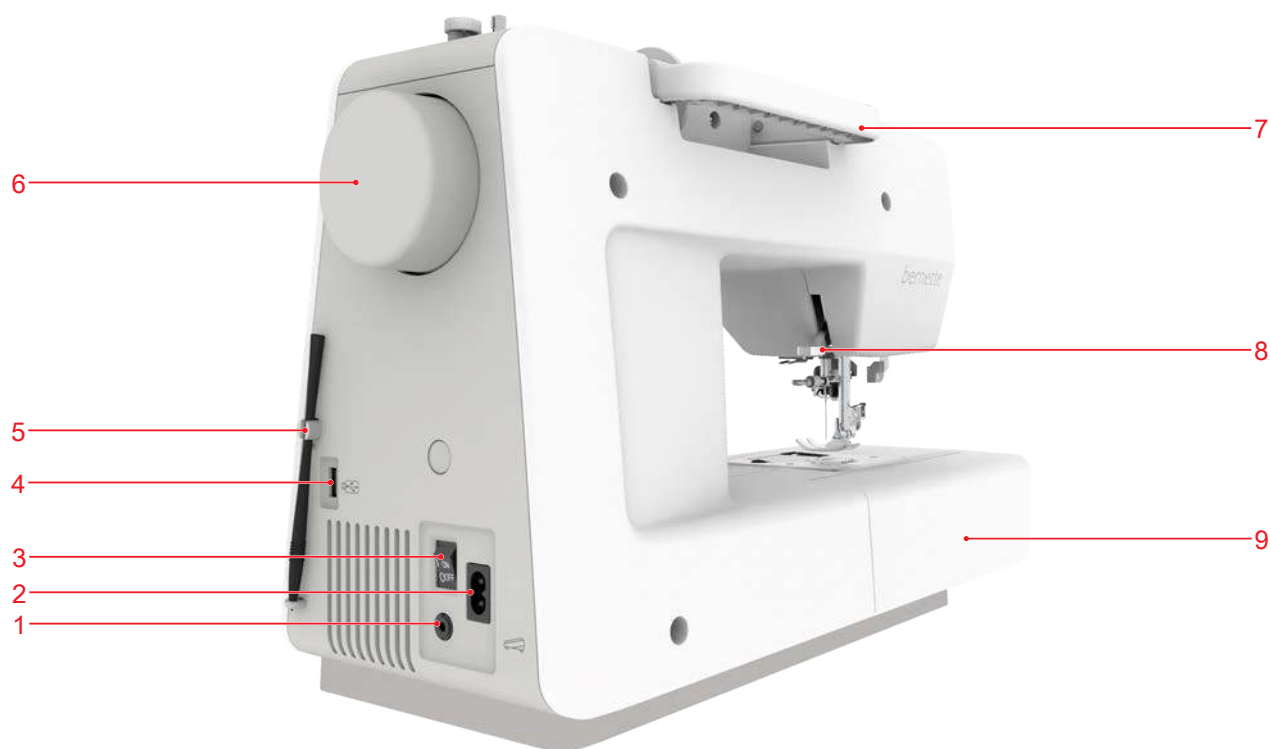


1 Sewing Table 2 Accessories Box 3 Accessories Box Cover

1 Introduction

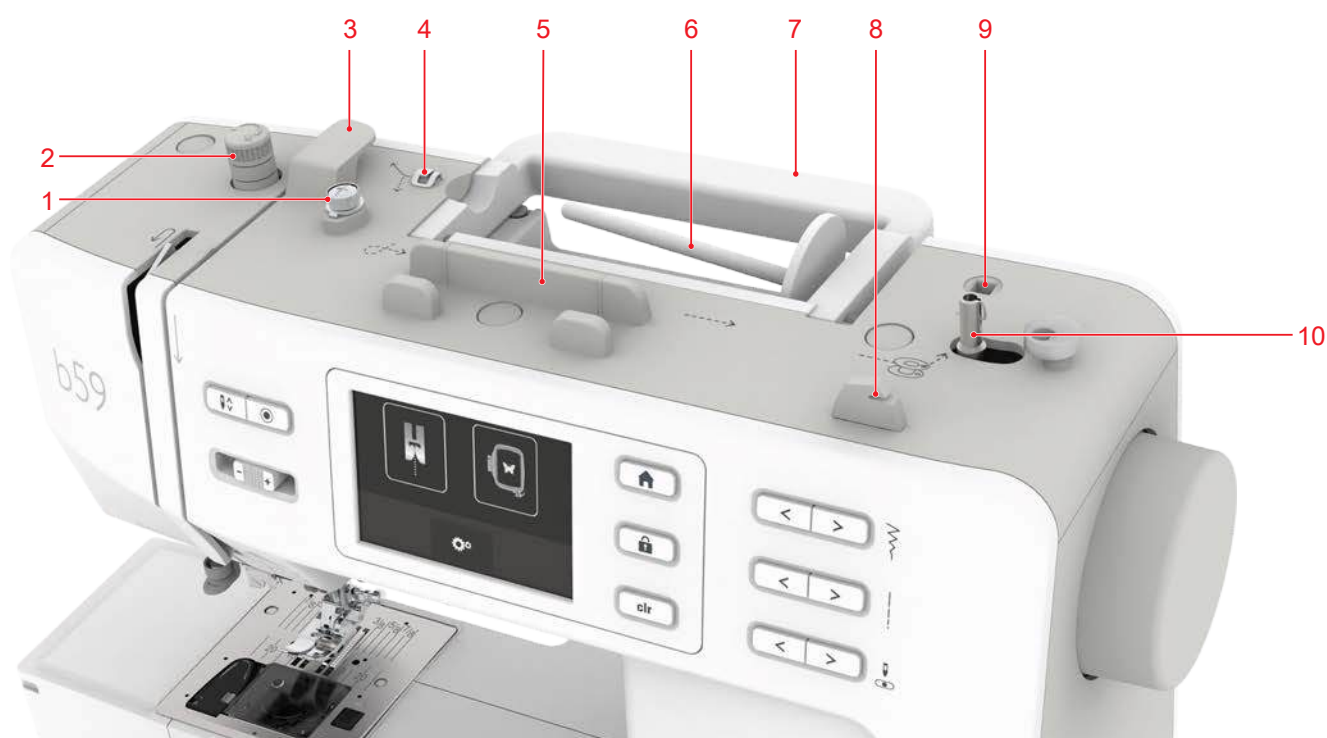
9

Back



1 Connection for Foot Control 2 Power Cable Connection 3 Power Switch 4 USB Port 5 Holder for Touchscreen Pen 6 Handwheel 7 Carry Handle 8 Presser Foot Lifter 9 Sewing table and accessory box

Top View



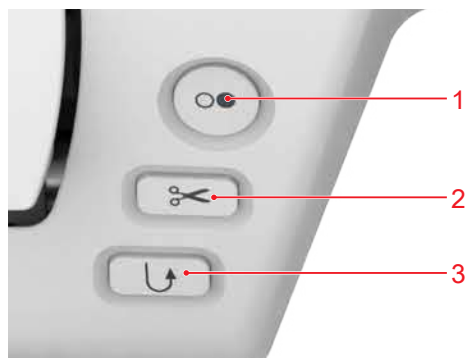
1 Thread Guide, Winder 2 Rotary Dial for Presser Foot Pressure 3 Thread Guide, Rear 4 Thread Guide Eyelet 5 Smartphone Holder 6 Spool Pin, Horizontal 7 Carry Handle 8 Thread Cutter 9 Mount for Vertical Spool Pin 10 Bobbin Winding Unit

Controls



1 Function Buttons above the Needle 2 Needle Threader Lever 3 Left Controls 4 Display 5 Right Controls

Function Buttons above the Needle



1 Start/Stop 2 Thread Cutter 3 Quick Reverse

Start/Stop

With the **Start/Stop** ○● button, you can start or stop the machine.

Thread Cutter

Use the button **Thread Cutter** ✂ to automatically cut the upper and lower threads after stopping the machine.

TIP

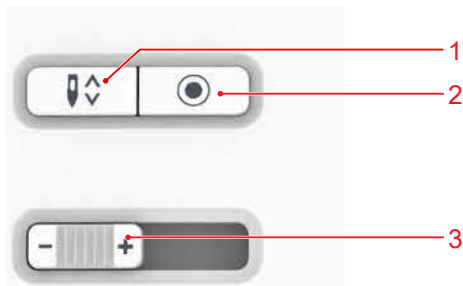
In the Sewing Settings **External Buttons** ⚙️, you can assign additional functions to the button.

Quick Reverse

Use the button **Quick Reverse** ↶ to sew stitch patterns 1 and 2 in reverse as long as you hold down the button.

For all other stitch patterns, when the button **Quick Reverse** ↶ is pressed, the function **Tie-Off** ● is performed.

Left Controls



- 1 Needle Position Up/Down 2 Securing/Pattern End
3 Speed Control

Needle Position Up/Down

With the **Needle Position Up/Down** ↕ button, you can raise and lower the needle.

Tie-Off

With the **Tie-Off** ● button, you can sew a programmable number of securing stitches.

If you press the button before sewing, securing stitches will be sewn at the beginning of the seam.

If you press the button during sewing, securing stitches will be sewn immediately and the machine will stop.

TIP

In the Sewing Settings **External Buttons** ⚙️, you can assign additional functions to the button.

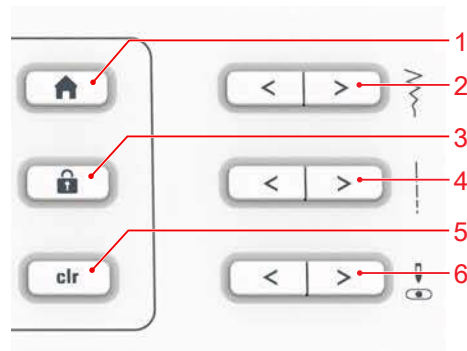
Speed Control

You can regulate the sewing and embroidery speed with the speed control.

TIP

In the sewing settings **Sewing Speed** ⌚ the embroidery settings **Embroidery Speed** ⌚ you can adjust the maximum speed for better control while sewing or embroidering.

Right Controls



- 1 Home Screen 2 Stitch Width 3 Lock 4 Stitch Length 5 Reset 6 Needle Position Left/Right

Home Screen

Use the button **Home Screen** 🏠 to go to the start page, for example, to switch the mode. [▶ see page 15]

Stitch Width

By pressing the button **Stitch Width**, you can set the stitch width and the values of a function.

Stitch Length

By pressing the button **Stitch Length**, you can set the stitch length and the values of a function.

Needle Position Left/Right

You can use the **Needle Position Left/Right** ⬅️ buttons to move the needle to the left or to the right. The needle position is shown on the sewing screen. Negative values indicate a movement to the left, positive values a move to the right.

1.2 Accessories

Accessories Supplied

Straight Stitch Plate



For straight stitch and free-motion sewing as well as for quilting with rulers. For embroidering and CutWork projects.

4× Bobbins



To wind the bobbin thread.

Felt Disc



The felt pad prevents the thread from slipping, tangling or breaking on the spool pin.

Spool Net



To regulate threads that unwind too quickly from the spool, e.g. nylon, rayon, silk or metallics.

Spool Pin Vertical



Touchscreen Pen



For precise operation of the touchscreen.

Brush and Seam Ripper



The hook and the hook area are cleaned with the brush. The seam ripper is an indispensable tool when it comes to undoing seams.

Needle Assortment



For the most common sewing applications.

Right Seam Guide



To align even seam distances.

Screwdriver



Power Cable



To connect the machine with the power supply.

Foot control



To start and stop the machine. To control the sewing speed.

Spool Cap L



To secure the spool. To support the regular unwinding of the thread from the spool.

Spool Cap M



To secure the spool. To support the regular unwinding of the thread from the spool.

1 Introduction

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Spool Cap S



To secure the spool.
To support the regular unwinding of the thread from the spool.

Spacer Clamps



To secure the smart device in the holder on the sewing machine.

Included Presser Feet Soles

Universal Presser Foot Holder



To secure a multitude of application-oriented presser feet for general and decorative hemming and top stitch work.

Blindstitch Foot



For sewing blind-stitch hems.

Button Sew-On Foot



For sewing on buttons.

Buttonhole Foot with Slide



To sew buttonholes.

Overlock Foot



For sewing overlock-type stitches and for finishing the edge of the fabric.

Zipper Foot



For sewing in zippers.

Embroidery Foot with Clear Sole



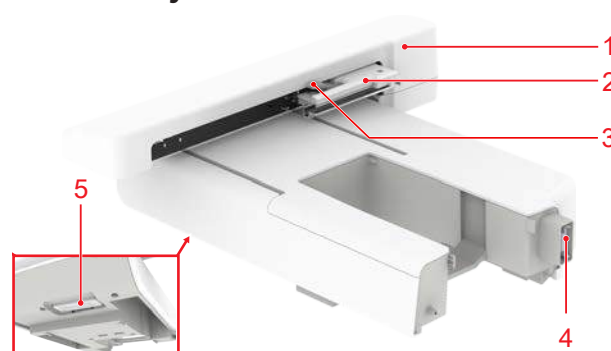
For embroidering, darning and free hand quilting.

Zigzag Foot



For sewing different practical and decorative stitches and for sewing hems.

Embroidery Module



- 1 Embroidery Arm 2 Coupling for Securing the Hoop
3 Safety Lever 4 Connection to the Machine
5 Unlock Button

Included Embroidery Accessories

Embroidery Needle Assortment For embroidering.



Embroidery Hoop Multi-position with 6 Clips



To embroider designs and design combinations. Max. embroidery area: 300 × 120 mm

Embroidery Hoop M



To embroider designs and design combinations. Max. Embroidery Area: 180 × 120 mm

Hopper Embroidery Foot



For embroidering with the embroidery module.

1.3 User Interface

User Interface Operation

The software can be operated with the touch-sensitive screen using touch gestures or the included touch-screen pen.

Operation with Touch Gestures

Gestures with One Finger	Application
	Select functions, stitch pattern or embroidery design
	- Scrolling in menus, windows and bars - Move selected layers in the embroidery screen

Navigation

In the modes **Sewing** and **Embroidery** as well as in the settings, the navigation path  to the current content is displayed, allowing you to return to a specific level in the path.

Activating/Deactivating Functions

You can switch functions on and off as follows:

- Tap the Switch



- Green: Function is switched on.
- Red: Function is switched off.

- Tap Icons

- Outlined in White: Function is switched on.
- Gray: Function is not available.
- Outlined in Yellow: Function or value deviates from the default value.

Setting Values

You can set values as follows:

- Slider

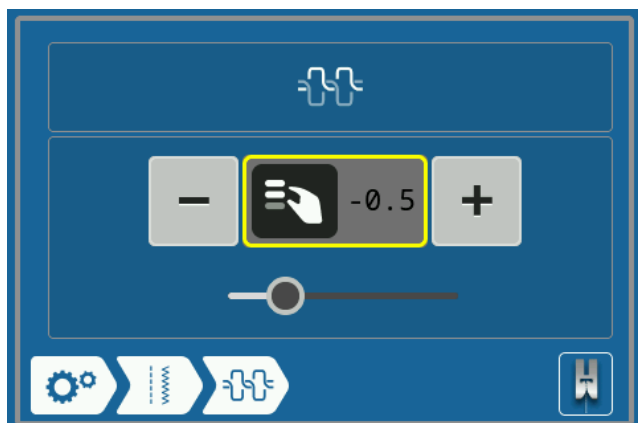


Set the value with the slider control or reset the value to the default by tapping the small bullet.

■ Plus and Minus Icons

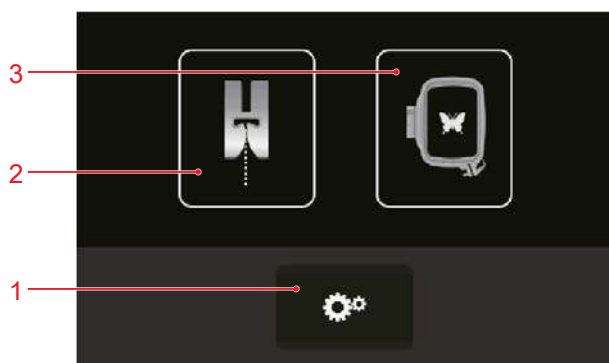


Modified values are marked in yellow. You can reset a modified value to the default value by tapping the field outlined in yellow.



Home Screen

Home Screen



1 Settings 2 Sewing 3 Embroidery

Modes

The main modes give you quick access to the most important functions of your machine.

Sewing

In **Sewing** mode, you will find the functions you need for practical and creative sewing. [► see page 35]

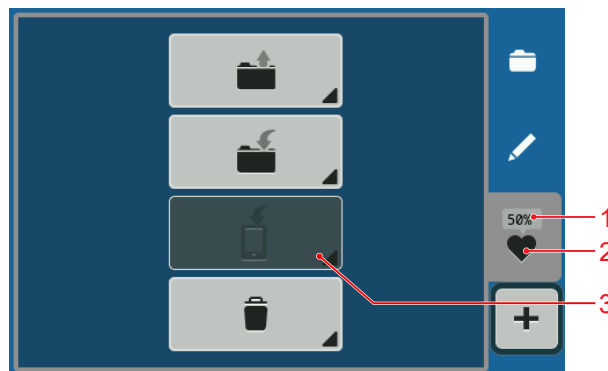
Embroidery

In the mode **Embroidery** you will find functions for creative machine embroidery. [► see page 50]

Settings

With the **Settings** function, you can change the sewing and embroidery settings, carry out maintenance work and update the firmware.

File Management



1 Storage Space 2 Personal Folder 3 StitchDirect App

You can organize your own stitches and embroidery designs in the folder **Personal Folder** as well as in the StitchDirect app. You can save, load or delete your own patterns and designs.

Storage Space

The display **Storage Space** shows how much free memory capacity is available.

2.2 Working Area

A stable table with a secure stand is a good prerequisite for optimal sewing results. Ergonomics at the sewing table are important for protecting the muscles and joints in your back, shoulders, arms, and hands. Optimal ergonomics involves adjusting the table height and posture to complement each other. Avoid remaining in the same position for long periods.

Ergonomic Sitting Position

Seat yourself in a position where your fingertips touch the needle plate with your arms bent at a 90° angle. The machine can also be operated when standing.

2.3 Connecting the Machine and Switching it On

1. Insert the cable into the machine. Make sure that the plug is fully inserted into the machine.



2. Insert the power plug of the power cable into the socket.
3. Switch on the machine using the power switch.

2.4 Preparing the Machine for Sewing

For your sewing project, you must prepare and set the machine accordingly.

Prerequisite:

- The machine is switched on.
- The sewing settings have been made. [▶ see page 32]
- The foot control is connected. [▶ see page 17]

1. Select the sewing mode via the start page. [▶ see page 15]
2. Remove the embroidery hoop if necessary. [▶ see page 30]
3. Remove the embroidery module if necessary. [▶ see page 28]
4. Raise the feed dog if necessary.
5. Use a suitable stitch plate. [▶ see page 17]
6. Use a suitable sewing needle. [▶ see page 19]
7. Fit the appropriate presser foot. [▶ see page 27]
8. Prepare and edit stitch pattern. [▶ see page 43]
9. Thread a suitable bobbin thread. [▶ see page 25]
10. Thread a suitable upper thread. [▶ see page 20]

2.5 Preparing the Machine for Embroidery

For your embroidery project you must prepare and set the machine accordingly.

Prerequisite:

- The machine is switched on.
 - The embroidery settings have been made. [▶ see page 33]
1. Select embroidery mode via the start page. [▶ see page 15]
 - ⇒ The Embroidery Screen appears. [▶ see page 50]
 2. Use a suitable stitch plate. [▶ see page 17]
 3. Insert a suitable embroidery needle. [▶ see page 19]
 4. Attach and select a suitable embroidery foot. [▶ see page 27]
 5. Attach the Embroidery Module. [▶ see page 28]
 - ⇒ The feed dog is lowered automatically.
 6. Prepare and edit embroidery designs. [▶ see page 52]
 7. Attach the suitable hoop. [▶ see page 30]
 8. Thread a suitable bobbin thread. [▶ see page 25]
 9. Thread a suitable upper thread. [▶ see page 20]

2 Setting Up the Machine

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2.6 Foot control

You can operate the foot control at the front with the ball of your foot. By pressing with the ball of your foot, you can start and stop the machine and control the speed with the amount of force applied to the control.

Connecting the Foot Control

1. Insert the plug of the cable into the foot control socket of the machine.



2. Place the Foot Control on the floor in a comfortable position for sewing.

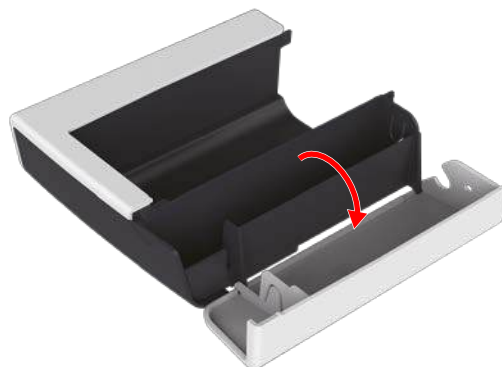
2.7 Sewing table and accessory box

The sewing table is used as an accessory box. You can store your accessories in the accessory box.

1. To remove the sewing table, hold it at the handle on the left and pull it to the left.



2. To open the accessory box, swing the cover forward.



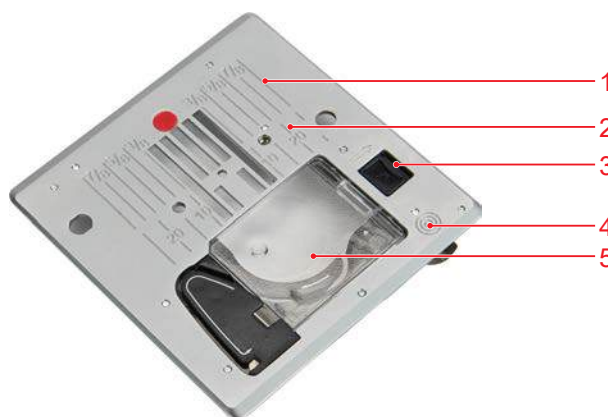
3. To close the accessory box, tilt the cover backwards until it clicks into place.

2.8 Stitch Plate

The supplied stitch plate is suitable for most sewing work.

Vertical lines, which you can use as a ruler for guiding the fabric in a straight line, are engraved on the stitch plate.

Thanks to the transparent bobbin cover on the stitch plate, you have direct access to the bobbin. This allows you to quickly change the bobbin and check the lower thread level.



- 1 Ruler in inches 2 Ruler in cm 3 Pin Cover Release Button 4 Click-in Pressure Point 5 Bobbin Cover

Changing the Stitch Plate

Prerequisite:

- The needle is raised.
- The presser foot is raised.

2 Setting Up the Machine

1. Lock the screen.
2. Remove the needle and the presser foot.
3. Press the release button until the stitch plate tilts back.



4. Remove the stitch plate.
5. Align the guides of the new stitch plate with the corresponding openings and slide the stitch plate backwards until it stops.



6. Press the stitch plate down at the pressure point until it clicks into place.



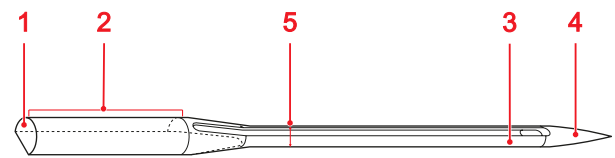
7. Fit the needle and presser foot.
8. Unlock the screen.

2.9 Needle

Only use needles from the 130/705 system for your machine. Select a needle thickness that is suitable for the selected fabric: Fine needles for fine fabrics, thick needles for heavy fabrics.

- Needle sizes 70, 75: light weight fabrics
- Needle sizes 80, 90: medium fabrics
- Needle sizes 100, 110 and 120: heavy weight fabrics

There are different needle types for different sewing projects. You can identify the needle type and needle size by the needle name, e.g. **130/705 H-S/70**:



1 705 = shank **2 130** = shank length **3 H** = groove
4 S = Point Type **5 70** = Needle Size

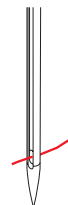


Detailed information on needles and their applications can be found in the BERNINA Needle Brochure.

Needle/Thread Combination



The needle/thread combination is correct if the thread is guided exactly into the long groove and through the eye of the needle.



If the thread is too thin for the needle, it will have too much room to move in the long groove and in the eye of the needle. This can result in the thread breaking or skipping stitches.



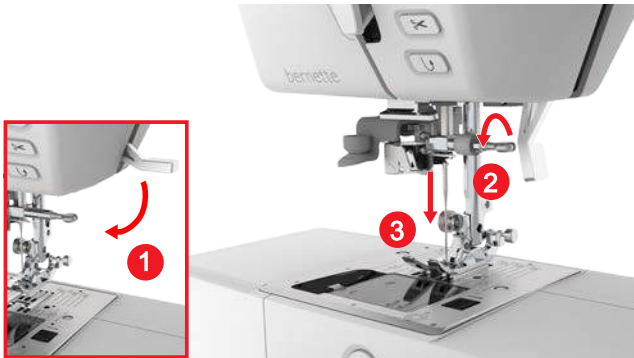
If the thread is too thick for the needle, it will be difficult to guide it through the eye of the needle and it may rub along the edge of the long groove. This can result in the thread breaking and sticking in the needle.

2 Setting Up the Machine

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Changing the Needle

1. Lower the presser foot.
2. Raise the needle.
3. Lock the screen.
4. Loosen the screw on the needle and pull the needle downwards.



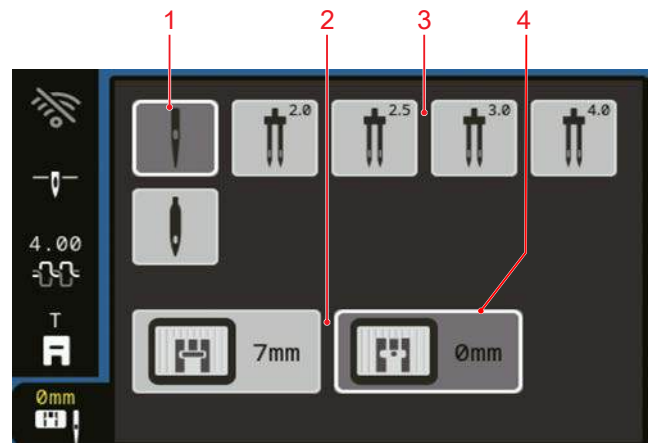
5. Insert and push the new needle with the flat side to the back as far up as it will go into the needle holder and hold it in place.
6. Tighten the screw.



7. Unlock the screen.
- In the status bar, tap **Stitch Plate and Sewing Needle**  and select the fitted needle in the **Needle Overview** section. [► see page 19]

Stitch Plate and Sewing Needle

Sewing  ► **Stitch Plate and Sewing Needle** 



1 Selected Needle 2 Stitch Plate Overview 3 Needle Overview 4 Detected Stitch Plate

The attached stitch plate is automatically recognized by the machine and shown in the status bar.

The stitch plates and needles compatible with the machine are displayed in the **Stitch Plate Overview** and **Needle Overview** sections.

In order for the machine to check the compatibility of the stitch, the needle and the stitch plate, you must select the inserted needle in the **Needle Overview** section. The selected needle is highlighted in the area **Needle Overview** and displayed in the status bar. The detected stitch plate is highlighted in the area **Stitch Plate Overview**.

If the selected needle cannot be used with the stitch plate or the presser foot, an error message is displayed.

Needle Position

You can adjust the position of the needle in various ways:

- Button **Needle Position Up/Down**  : Raising or lowering the needle.
- Buttons **Needle Position Left/Right**  : To move the needle 5 positions to the left or to the right of the center.
- Icon **Needle Stop**  : To determine the needle position up or down when the machine is stopped in sewing mode.

2.10 Upper Thread

The quality, thickness and material of the thread must be suitable for the selected fabric. To achieve the best results, bernette recommends purchasing high-quality thread.

- Cotton threads are particularly suitable for sewing decorative projects on cotton fabric, such as quilts. As cotton threads are not particularly tear-resistant, they can also be used for basted seams that are later undone. They should not, however, be used for seams that need to be particularly hard-wearing.
- Mercerized cotton threads have a slight sheen that remains even after washing.
- Polyester threads have a high tensile strength and are particularly colorfast. Polyester threads are more flexible and are recommended where a strong and elastic seam is required.
- Rayon/viscose threads are characterized by their bright sheen. Rayon threads are suitable for decorative stitches and create a more beautiful effect.

Threading the Single Needle

Notifications on the Needle Threader

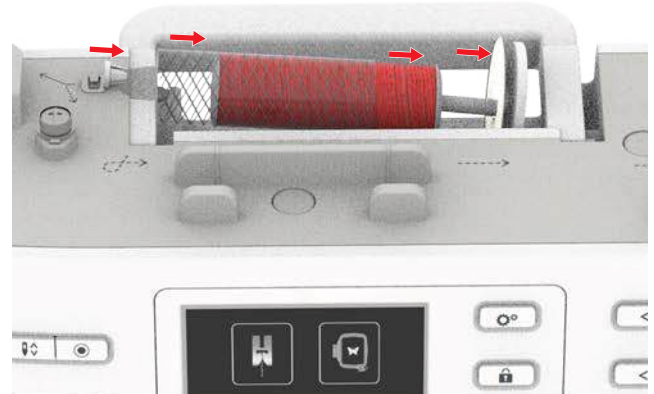
- The needle threader only works for threading a single needle. Always thread twin needles and triple needles by hand.
- The needle threader can be used for needles from size 70 upwards. Thread thinner needles by hand.

For a proper seam and to avoid "thread tangles", you must thread the upper thread correctly.

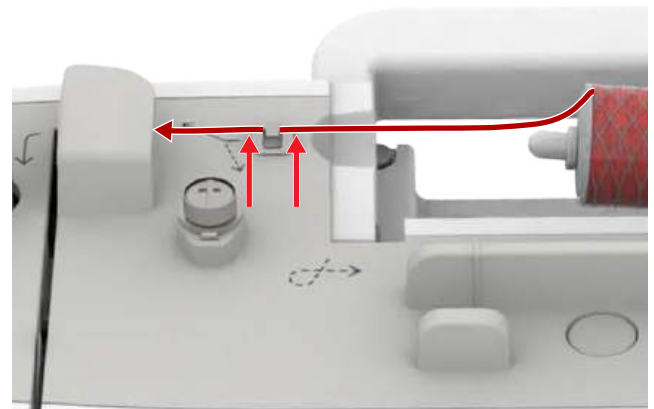
The thread path for threading is marked on the machine with drawn-through arrows.

1. Raise the presser foot so that the thread tension discs are open and the thread can slide easily between them.
2. Raise the needle so that the thread can be easily inserted into the thread take-up lever.
3. Lock the screen.
4. Place a felt pad on the horizontal spool pin.
5. Place the thread spool on the spool pin.
6. Select a spool cap with the same diameter as the spool and place it on the spool pin. The spool should not rotate. The thread should unwind properly.

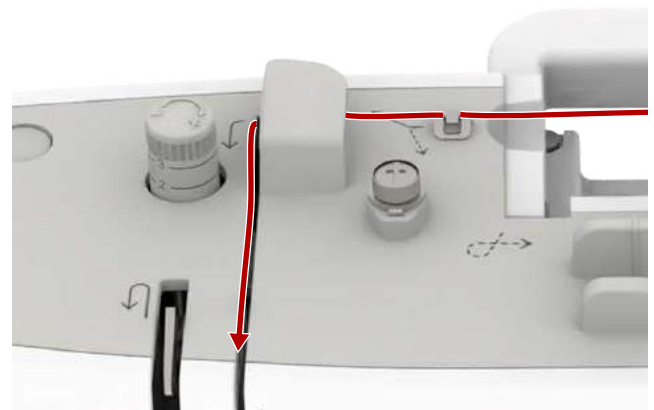
7. For slippery threads put a spool net over the spool as an additional measure.



8. Hold the thread on the left and the right, and pull it straight from the front to the back underneath the thread guide eyelet.

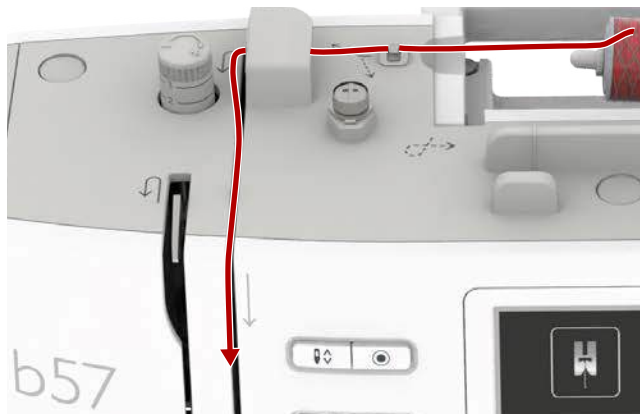


9. Pull the thread underneath the rear thread guide to the front of the machine.



2 Setting Up the Machine

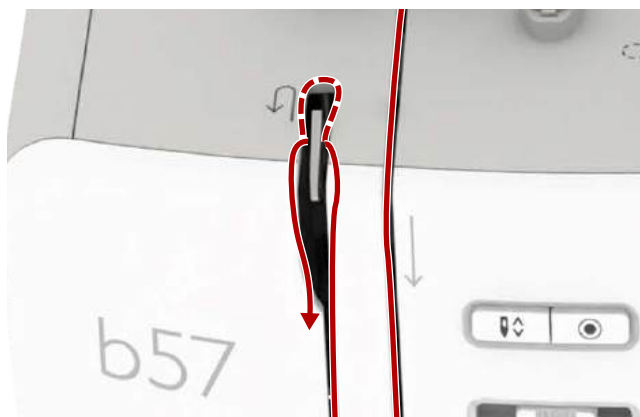
- 10.** Guide the thread on the right downward past the thread tension disc.



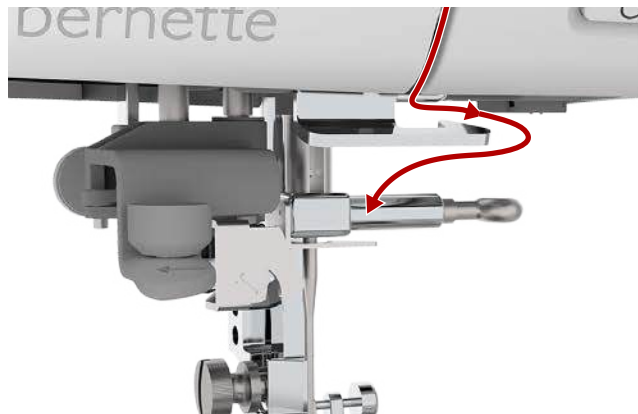
- 11.** Guide the lower thread upward around the thread take-up lever cover.



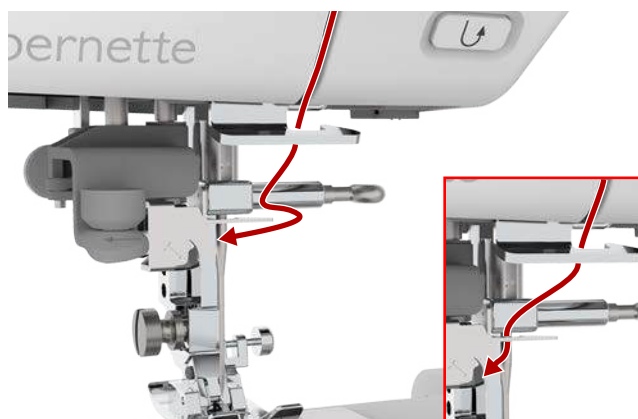
- 12.** Guide the thread through the thread take-up lever and guide it downward. Make sure that the thread is guided under the left side panel.



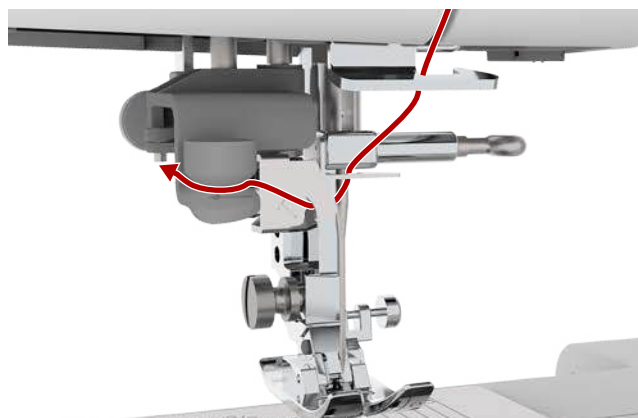
- 13.** Guide the thread from the right to the left behind the first thread guide in the needle area.



- 14.** Guide the thread from the right to the left behind the second thread guide in the needle area.



- 15.** Place the thread around the thread guide and pass it between the clamps.



- 16.** Cut the thread from front to back using the thread cutter.

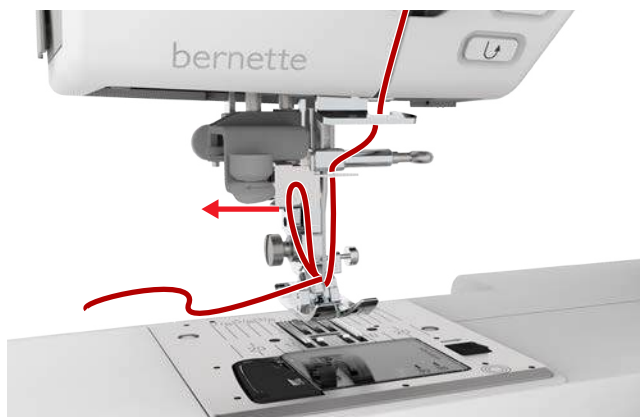


- 17.** Press the needle threader lever all the way down and release it.



⇒ The thread is pushed through the needle eye.

- 18.** Pull the loop of thread to the rear until the end of the thread is pulled through the needle.

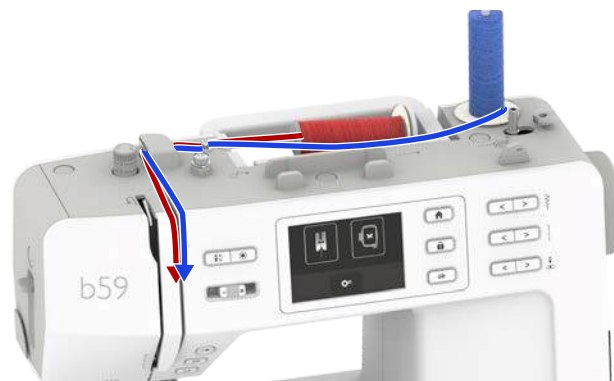


- 19.** Unlock the screen.

⇒ The needle is threaded.

Threading the Twin Needle

To thread a twin needle, thread both threads one after the other according to the instructions for the single needle. Start with the left needle. [► see page 20]



Note the following differences:

1. Place one felt pad each on the vertical and the horizontal spool pin.
2. Place the spool for the left needle on the vertical spool pin and the spool for the right needle on the horizontal spool pin.
3. Guide both upper threads up to the thread tension disc in the same way as threading the single needle.
4. At the thread tension disc, guide the thread for the left needle down the left and the thread for the right needle down the right of the thread tension disc.
5. Guide the threads up to the needle in the same way as threading the single needle.
6. Thread both needles by hand.

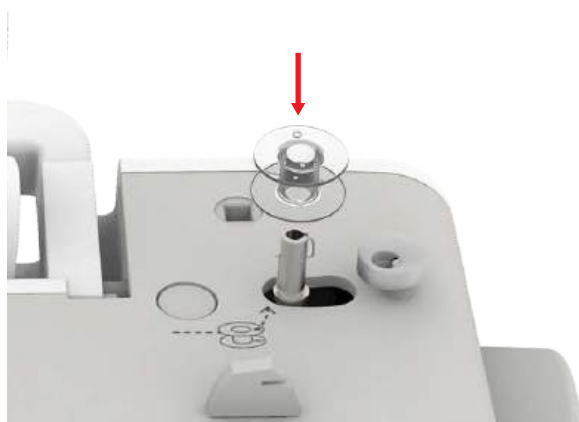
2.11 Bobbin Thread

For general sewing, we recommend using the same thread for the upper thread and the lower thread.

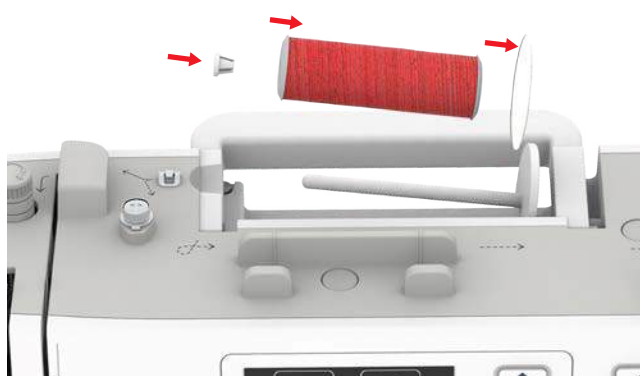
Bobbin Winding

The thread path for winding the bobbin thread is marked with arrows on the machine.

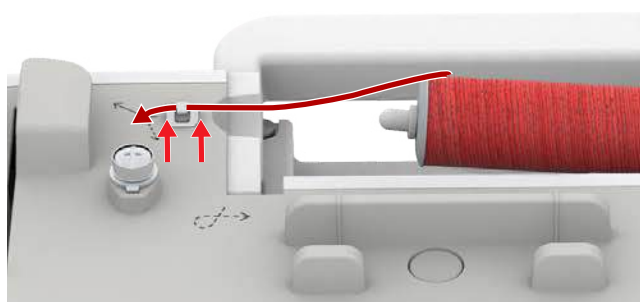
1. Place the empty bobbin on the bobbin winding unit.



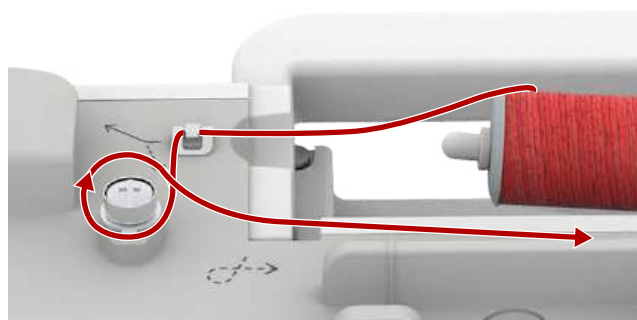
2. Place a felt pad, a spool and a spool cap on the vertical spool pin.



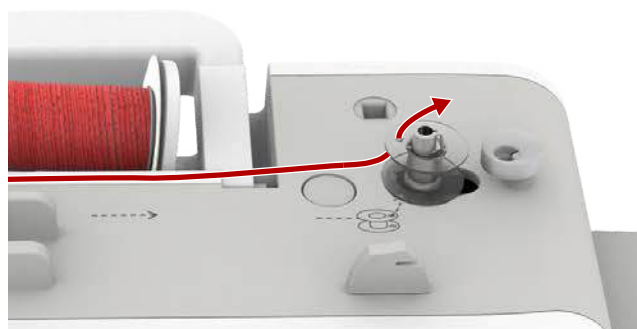
3. Hold the thread on the left and the right, and pull it straight from the front to the back underneath the thread guide eyelet.



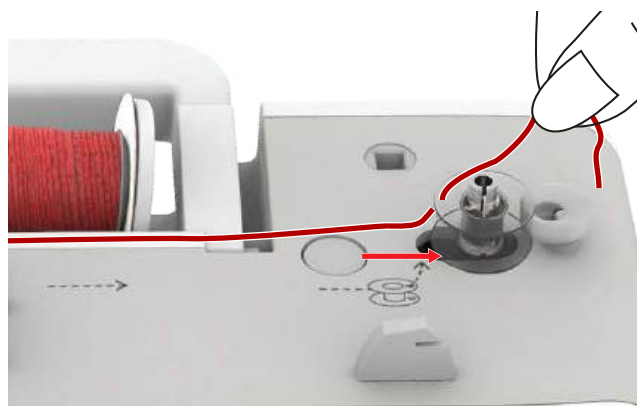
4. Guide the thread around the bobbin winder pre-tension in the direction of the arrow.



5. Pull the thread end through the threading hole on the upper side of the bobbin.



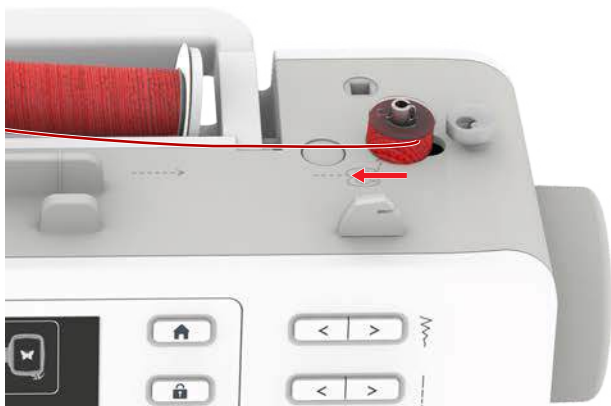
6. Hold the end of the thread tightly with one hand. Push the bobbin to the right-hand position.



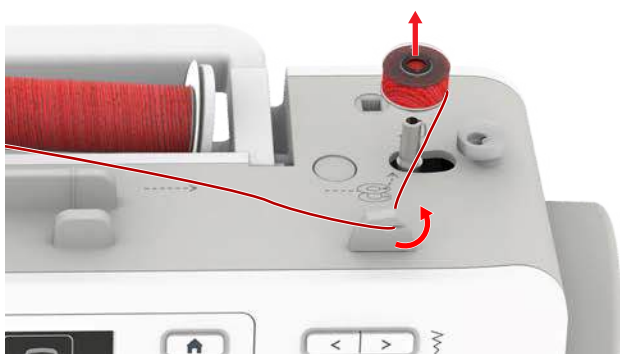
7. Use the button **Start/Stop** to start and stop the winding process after just a few turns, so that the thread is tightly wound onto the bobbin.
8. Cut the end of the thread above the inner hole.
9. To continue winding process, press the button **Start/Stop**.
10. To stop the winding process, press the button **Start/Stop**.

2 Setting Up the Machine

11. Move the bobbin to the left to its starting position.



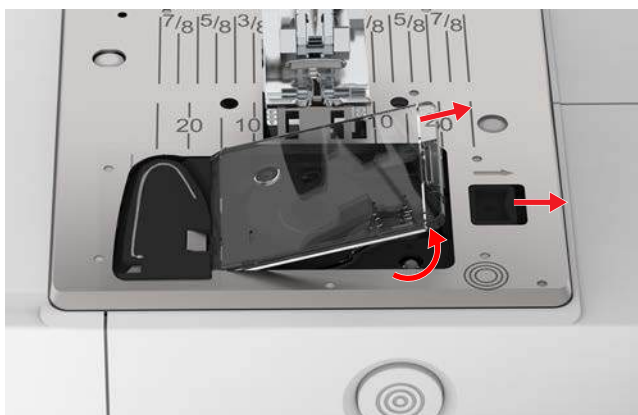
12. Remove the bobbin and cut the thread using the thread cutter.



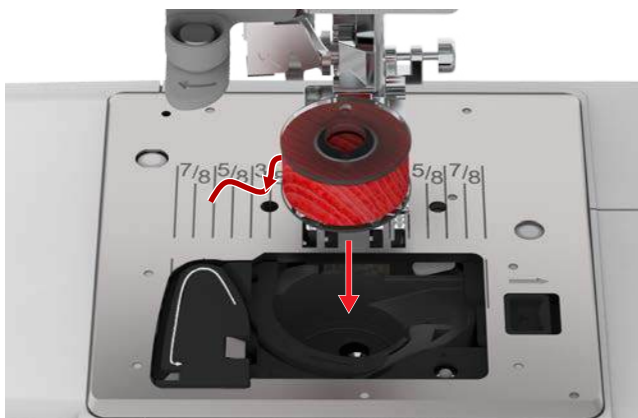
2 Setting Up the Machine

Threading the Bobbin Thread

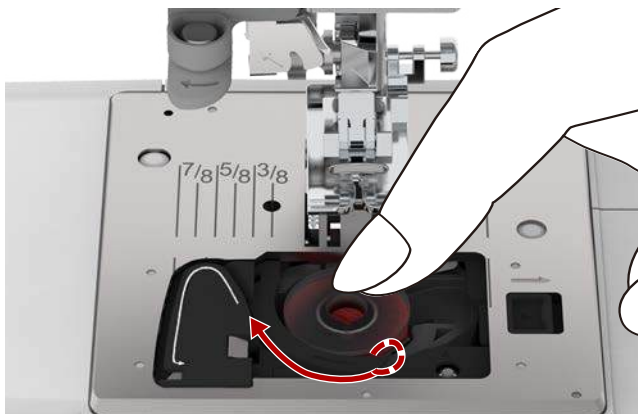
1. Raise the needle.
2. Raise the presser foot.
3. Lock the screen.
4. To open the bobbin cover, push the handle to the right and remove the bobbin cover.



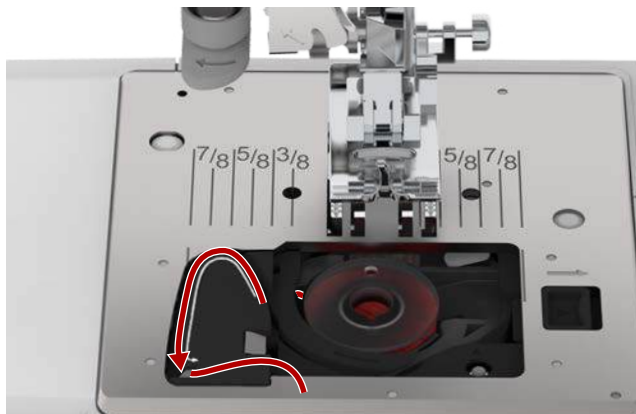
5. Remove the bobbin from the bobbin case.
6. Insert the new spool so that it rotates counter-clockwise.



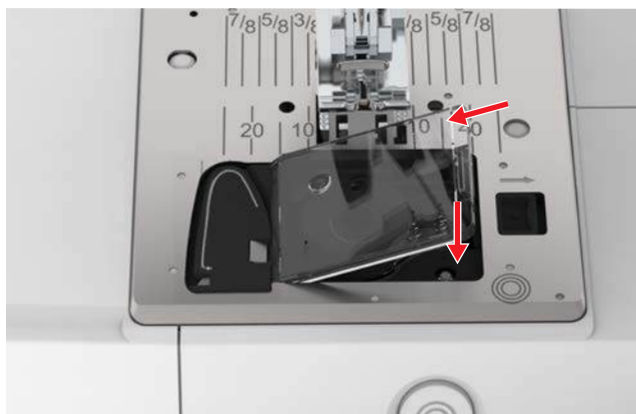
7. Pull the thread into the slot. Do this by gently pressing on the bobbin.



8. Follow the arrow markings to bring the thread into the bobbin thread guide.



9. Attach the bobbin cover.



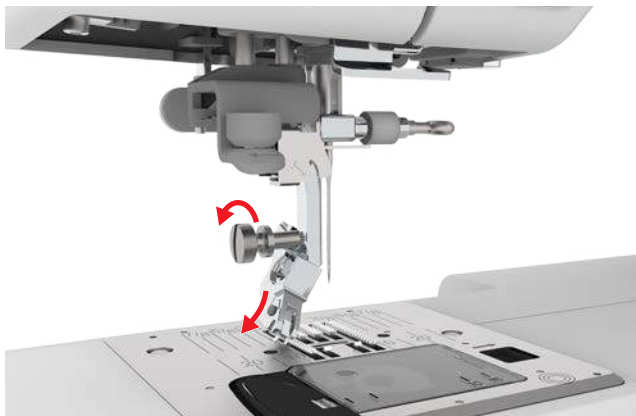
2.12 Presser Foot

Raising/lowering the Presser Foot

1. To raise the presser foot, press the presser foot lifter upwards.
2. To raise the presser foot higher than its normal position, press the presser foot lifter all the way up and hold it there.
3. To lower the presser foot, press the presser foot lifter downwards

Removing the Presser Foot Holder

1. Raise the needle.
2. Raise the presser foot.
3. Lock the screen.
4. Loosen the fixing screw and pull the presser foot holder to the side and downwards.



5. Unlock the screen.

Changing the Presser Foot Sole

Removing the Presser Foot Sole

1. Raise the needle.
2. Raise the presser foot.
3. Lock the screen.

4. With the finger press the front edge of the presser foot.



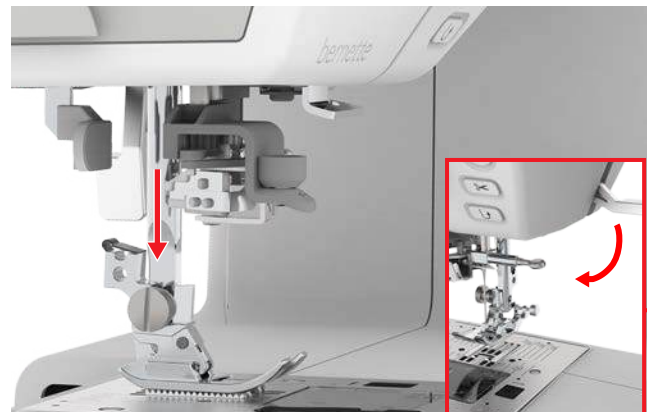
⇒ The presser foot sole is detached.

Fitting the Presser Foot Sole

1. Place the presser foot sole under the presser foot holder so that the cross pin is positioned under the opening of the presser foot holder.



2. Lower the presser foot.



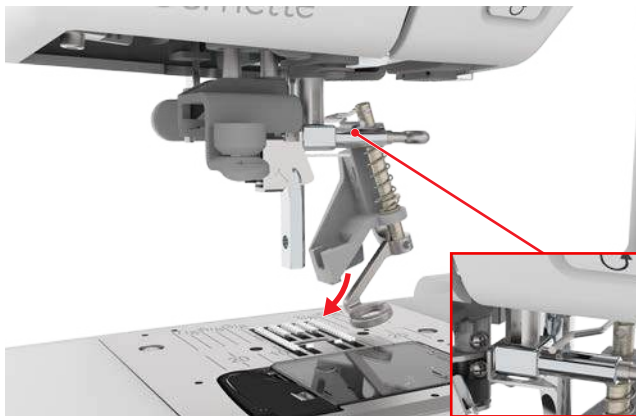
⇒ The presser foot sole clicks into place.

2 Setting Up the Machine

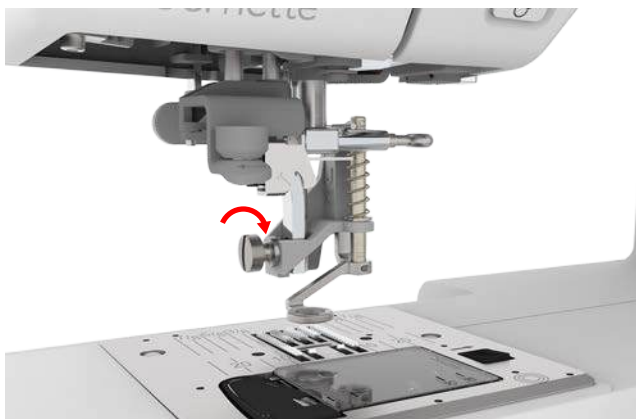
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Attaching the Hopper Embroidery Foot

1. Raise the needle.
2. Lock the screen.
3. Raise the presser foot.
4. Remove the presser foot holder. [▶ see page 26]
5. Push the presser foot lifter all the way up and hold it there. Place the hopper embroidery foot on the presser foot bar. Make sure the spring tension lever is resting on the needle holder.



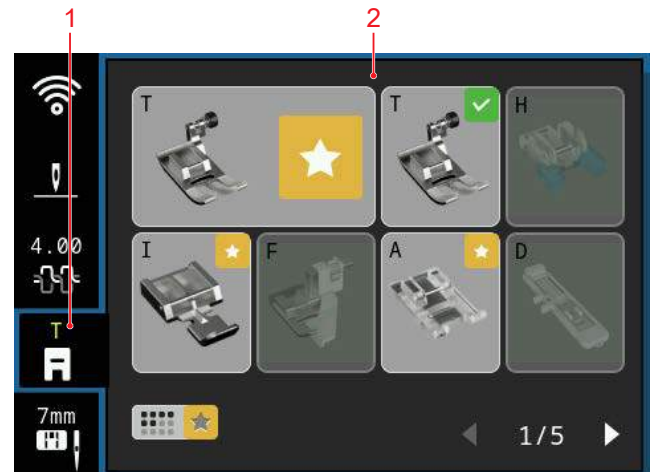
6. Firmly press on the hopper embroidery foot from below and tighten the fixing screw.



7. Unlock the screen.
8. Tap the **Presser Foot F** status icon and select the attached presser foot in the area **Presser Foot Overview**. [▶ see page 27]

Presser Foot Selection

Sewing ▶ Presser Foot **F**



1 Recommended Presser Foot **2** Presser Foot Overview

The presser foot recommended for the selected stitch or embroidery design is displayed in the status bar.

The presser feet compatible with the machine are displayed in the **Presser Foot Overview** section.

Recommended presser feet are marked with the **Recommended** ★ icon.

In order for the machine to check the compatibility of the stitch, presser foot, needle and stitch plate, you must select the attached presser foot in the **Presser Foot Overview** section. The selected presser foot is displayed in the status bar.

If the stitch pattern or the embroidery design is not compatible with the selected presser foot, this can lead to collisions - an error message will appear, the stitch in the stitch preview is shown in red and the machine does not start.

Recommended

With the **Recommended** ★ function, you can filter the overview by recommended presser feet.

Presser Foot Pressure

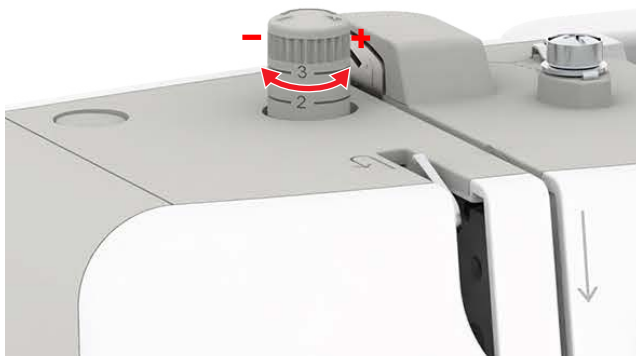
The presser foot pressure has a default setting for working with medium fabrics.

When working with thick fabrics, a reduced presser foot pressure enables the fabric to be moved more easily beneath the presser foot. When working with thin fabrics, a higher presser foot pressure prevents the fabric from slipping easily.

2 Setting Up the Machine

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We recommend testing the setting before you start. In the case that the fabric is only fed with resistance, you can reduce the presser foot pressure. If the fabric slips easily beneath the presser foot, you can increase the presser foot pressure.



1. To reduce the presser foot pressure, turn the dial **Presser Foot Pressure** counterclockwise.
2. To increase the presser foot pressure, turn the dial **Presser Foot Pressure** clockwise.

2.13 Fabric Feed

Feed Dog

The feed dog moves the fabric under the presser foot. To ensure that the fabric is fed evenly, the presser foot must be positioned horizontally. To compensate for the seam height, you can place one or more height compensation plates behind or in front of the needle under the presser foot as required.

The feed dog can be lowered for applications in which the fabric is to be guided freely.

1. To lower the feed dog, slide the lever **Feed Dog Up/Down** to the left.



2. To raise the feed dog, slide the lever **Feed Dog Up/Down** to the right.

⇒ The feed dog is fully raised after sewing the first stitch.



2.14 Embroidery Module

Connecting and Removing the Embroidery Module

Connecting the Embroidery Module

Prerequisite:

- The work area is large enough and has sufficient load-bearing capacity for the machine and the embroidery module.
- There is enough space for the embroidery arm to move freely.
- ▶ Push the embroidery module carefully from left to right into the embroidery module connection of the machine.



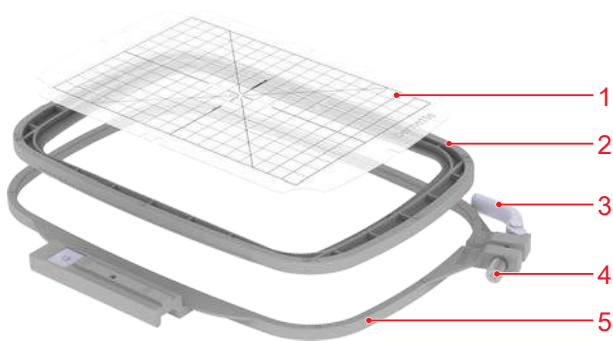
2 Setting Up the Machine

Removing the Embroidery Module

- Hold the embroidery module in place, press the release button, and carefully pull the embroidery module to the left.



Preparing the Embroidery Hoop



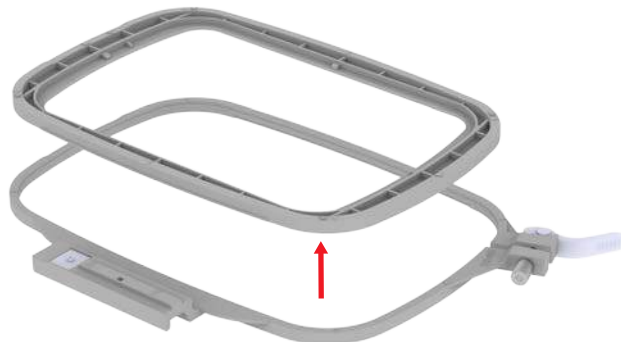
1 Embroidery Template 2 Inner Ring 3 Quick-Release Mechanism 4 Adjusting Screw 5 Outer Ring

There is a corresponding template for every hoop. The embroidery area is rasterized with 1 cm (0.39 in) squares. The center is marked with hole and cross lines. The required marks can be transferred to the material.

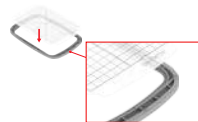
1. Open the quick-release mechanism on the outer ring.



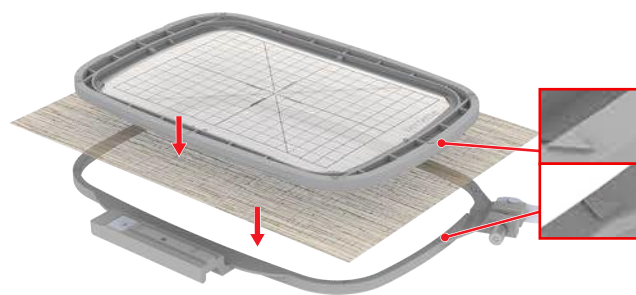
2. Remove the inner ring.



3. Place the embroidery template in the inner ring so that the "bernette" logo is on the right side.
⇒ The embroidery template snaps into place in the inner ring.



1. Place the inner ring on the fabric so that at least 2 cm of fabric extends beyond the inner ring on all sides.
2. Align the center of the embroidery design with the center of the template.
3. Place the fabric and the inner ring into the outer ring so that the arrow markings on the two hoops line up.



4. Slide the two rings into each other so that the fabric does not shift. The inner ring should extend approx. 1 mm below the bottom edge; this prevents the embroidery hoop from touching the stitch plate.
5. Hoop the fabric in the embroidery hoop and pull it tight.

2 Setting Up the Machine

6. Close the quick-release mechanism. If a new type of material is used, adjust the pressure by turning the adjusting screw.



7. Remove the embroidery template from the embroidery hoop.

Attaching and Removing the Hoop

Attaching the Hoop



1 Safety Lever 2 Hoop

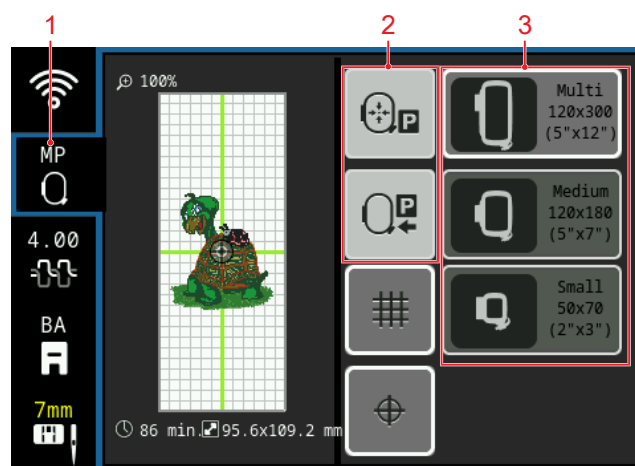
1. Raise the needle.
2. Raise the presser foot.
3. Hold the hoop with the right side of the fabric up with the attaching mechanism to the left.
4. Position the hoop below the presser foot. Push the presser foot lifter all the way up and hold it there.
5. Slide the embroidery hoop into the embroidery module until it clicks into place.
 - ⇒ The machine recognizes the attached embroidery hoop and displays it in the Status Bar.
6. Before using the embroidery hoop for the first time, or if the needle position and the center of the hoop do not align, calibrate the hoop on the machine. [► see page 33]

Removing the Embroidery Hoop

1. Press the safety lever on the embroidery hoop coupling.
2. Move the embroidery hoop away. Push the presser foot lifter all the way up and hold it there.

Hoop Overview

Embroidery ► Hoop



1 Attached Embroidery Hoop 2 Hoop Relocation
3 Hoop Selection

Attached Embroidery Hoop

The attached embroidery hoop is recognized automatically by the machine. The name of the recognized embroidery hoop is displayed in yellow in the status bar.

If no embroidery hoop has been attached, an embroidery hoop matching the size of the embroidery design is preselected in the **Hoop Selection** section. The selected embroidery hoop is displayed in the status bar.

Hoop Relocation

In the **Hoop Relocation** area, you can move the attached hoop to certain positions.

- **Centered:** For easier threading of the needle.
- **Sewing Position:** For free-motion sewing or quilting without having to remove the embroidery module. If a hoop is attached, you will be prompted to remove the hoop.

Hoop Selection

The hoops compatible with the machine are displayed in the **Hoop Selection** section.

To prepare the embroidery design, you can select a suitable embroidery hoop before attaching the hoop.

2.15 Spacer Clamps

Insert the spacer clamps into the smart device holder to securely mount your smartphone or tablet. The clamping jaws of the clamps vary in width. Depending on the gap between the device and the bracket, the clamp should be positioned so that the appropriate clamping jaw (wide or narrow) faces forward.

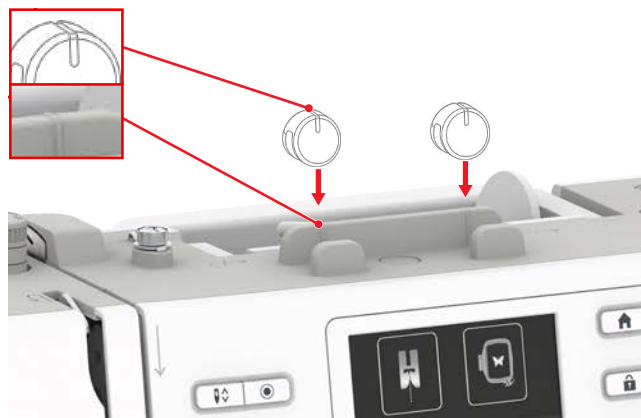
NOTICE

Damage to the smart device caused by being dropped

If the smart device is too large or not inserted correctly, it may fall out of the holder and be damaged.

- ▶ Use only devices that are 8 – 12 mm thick.
- ▶ Check that the smart device is securely seated in the holder.
- ▶ Be aware of the angle of inclination:
 - for 8 mm thickness, max. 19°
 - for 12 mm thickness, max. 10°

1. Insert the smart device into the smart device holder.
2. If necessary, place the spacer clamps behind the device onto the holder so that the markings on the spacer clamps and the holder align.



3. Check that the smart device is securely seated in the holder.

2.16 Machine Settings

Identification

Settings ▶ Machine ▶ Information
 ▶ Identification

You can display network information about the machine in the **Identification** area.

With the **Machine Name** setting, you can enter the name under which the machine is displayed in a WiFi network.

WiFi Connection

Sewing ▶ WiFi Connection

Embroidery ▶ WiFi Connection

You can connect the machine to a WiFi network. This allows you to transfer stitch patterns and embroidery designs from the bernette StitchDirect app to the machine, monitor the embroidery process in the bernette StitchDirect app, or update the firmware when an update is available.

With the **WiFi** setting, you can switch the WiFi connection on and off. The machine indicates the network to which it is connected.

All available networks are displayed in the **Available Networks (2.4 GHz)** list. You can connect the machine to any available network. In the case of protected networks, you must sign in with a password.

TIP

Once you have set up the WiFi connection, you can switch the WiFi connection on and off via the status bar.

Sound

Settings ▶ Sound

With the setting **Sound** , you can generally activate and deactivate the acoustic signals.

Monitoring Functions

Settings ▶ Machine ▶ Monitoring Functions

The machine has monitoring sensors that warn you if the upper or bobbin thread has broken or run out. With the **Monitoring Functions** setting, you can switch the upper thread indicator and the bobbin thread indicator on or off.

Machine Data

Settings ▶ Machine ▶ Information
 ▶ Machine Data

In the **Machine Data** area, the firmware and machine data are displayed.

2.17 Personal Settings

Background Color

Settings ▶ Personal ▶ Background Color

With the **Background Color** setting, you can select a color scheme for your screen.

2.18 Sewing Settings

Upper Thread Tension

Settings ⚙️ ▶ Sewing 🧵 ▶ Upper Thread Tension 🧵

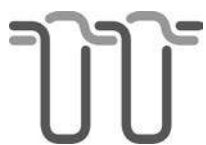
The upper thread tension is optimally set in the factory. Depending on the brand of sewing thread, variations in upper thread tension may occur. You can override the default setting based on thread and fabric you are using in the Upper Thread Tension in the Sewing Settings. This modification is made to all sewing patterns and kept until changed again in the Settings, even after a machine restart.

The higher the upper thread tension, the more the upper thread is tensioned and the bobbin thread is pulled more strongly into the fabric. The lower the upper thread tension, the less the upper thread is tensioned and the bobbin thread is pulled less strongly into the fabric.



Perfect Stitch Formation

The thread knotting is in the center of the fabric.



Upper thread tension too tight

This pulls the bobbin thread more strongly into the fabric.



Upper thread tension too loose

This pulls the upper thread more strongly into the fabric.

TIP

If the sewing test shows that the upper thread tension is not optimal for a stitch pattern, you can modify the upper thread tension for the selected stitch pattern using the **Upper Thread Tension** 🧵 function in the status bar.

Sewing Speed

Settings ⚙️ ▶ Sewing 🧵 ▶ Sewing Speed ⌚

With the **Sewing Speed** ⌚ function, you can limit the maximum sewing speed. The setting is saved when the machine is switched off.

The sewing speed is specified in stitches per minute. The maximum sewing speed is 800 stitches per minute.

Securing Stitches

Settings ⚙️ ▶ Sewing 🧵 ▶ Securing Stitches ⚡

With the **Securing Stitches** ⚡ function, you can set whether securing stitches should be sewn automatically upon starting sewing.

External Buttons

Settings ⚙️ ▶ Sewing 🧵 ▶ External Buttons 🖱️

With the **External Buttons** 🖱️ function, you can program additional functions for the following buttons:

- **Thread Cutter** ✂️
- **Tie-Off** ⏏

Thread Cutter

Settings ⚙️ ▶ Sewing 🧵 ▶ External Buttons 🖱️ ▶ Thread Cutter ✂️

With the **Thread Cutter** ✂️ setting, you can specify whether additional securing stitches are sewn when the button **Thread Cutter** ✂️ is pressed.

Tie-Off

With the **Tie-Off** ⏏ function, you can switch the sewing of securing stitches on and off.

When the function **Tie-Off** ⏏ is activated, short securing stitches are sewn in place.

Tie-Off

Settings ⚙️ ▶ Sewing 🧵 ▶ External Buttons 🖱️ ▶ Tie-Off ⏏

The setting **Tie-Off** ⏏ allows you to specify which function is performed when the button **Tie-Off** ⏏ is pressed. The following functions for stitches are available:

- **Practical Stitches** 🧵
 - Specify the number of securing stitches with the **Tie-Off** ⏏ function.
- **Decorative Stitches** 🧵 :
 - Activate and deactivate the **Pattern End** ▲ function. When the **Pattern End** ▲ function is activated, the machine automatically stops at the end of a stitch pattern or stitch pattern combination.
 - Activate and deactivate the **Tie-Off** ⏏ function. When the **Tie-Off** ⏏ function is activated, the number of sewing stitches can be specified.

Balance

Settings  ► Sewing  ► Balance 

Different fabrics, threads and stabilizers can affect the programmed stitch patterns so that they cannot be sewn out correctly. The electronic balance corrects these deviations so that the stitch patterns are optimally adapted to the fabric being processed. The balance adjustment applies to all stitch patterns.

1. To increase the stitch density of a stitch pattern, set the balance value higher.
2. To decrease the stitch density of a stitch pattern, reduce the balance value.
3. Test the modifications by sewing a sample. If necessary, make further corrections.

2.19 Embroidery Settings

Upper Thread Tension

Settings  ► Embroidery  ► Upper Thread Tension 

The upper thread tension is optimally set in the factory. Depending on the brand of sewing thread, variations in upper thread tension may occur. You can override the default setting in the Embroidery Settings. This modification is made to all embroidery designs and kept until changed again in the Settings, even after a machine restart.

The higher the upper thread tension, the more the upper thread is tensioned and the bobbin thread is pulled more strongly into the fabric. The lower the upper thread tension, the less the upper thread is tensioned and the bobbin thread is pulled less strongly into the fabric.

TIP

If the embroidery test shows that the upper thread tension is not optimal for an embroidery design, you can modify the upper thread tension for the selected embroidery design using the **Upper Thread Tension**  function in the status bar.

Embroidery Speed

Settings  ► Embroidery  ► Embroidery Speed 

The embroidery speed is specified in stitches per minute. The maximum embroidery speed is 600 stitches per minute.

With the **Embroidery Speed**  setting, you can limit the maximum embroidery speed. The setting is saved when the machine is switched off.

Thread Cutting

Settings  ► Embroidery  ► Thread Cutting 

With the **Thread Cutting**  function, you can activate and deactivate the thread cut. The following options are available:

- **On Jump Stitch** : The thread is automatically cut when connecting stitches are made. When this option is activated, you can specify the length of the connecting stitch at which the thread should be cut specifically for certain embroidery designs.
- **On Thread Change** : The thread is automatically cut on thread changes.
- **Thread Cut After Start** : When this function is activated, the machine stops after a few stitches and you can cut the thread end manually.

Calibrating the Hoop

Settings  ► Embroidery  ► Hoop Calibration 

Embroidery hoops need to be calibrated before the first use.

With the **Hoop Calibration**  function, you can calibrate all hoops.

1. Hoop the fabric with non-woven material.
2. Place the template in the inner hoop onto the fabric.
3. Attach the hoop.
 - ⇒ The machine recognizes the attached embroidery hoop and displays it in the status bar.
4. Activate the **Hoop Calibration**  function.
5. If the needle is not positioned exactly at the center of the template, center the needle using the arrow buttons.
6. Confirm the hoop calibration.

The setting is saved when the machine is switched off.

Unit of Measurement

Settings  ► Embroidery  ► Unit of Measurement 

With the **Unit of Measurement**  function, you can set the preferred measurement, either mm or inches. The embroidery size is shown in the selected measurement unit. The setting is saved when the machine is switched off.

Securing Stitches

Settings  ► Embroidery  ► Securing Stitches 

With the **Securing Stitches**  button, you can activate and deactivate securing stitches.

If an embroidery design has programmed securing stitches, the programmed securing stitches are sewn.

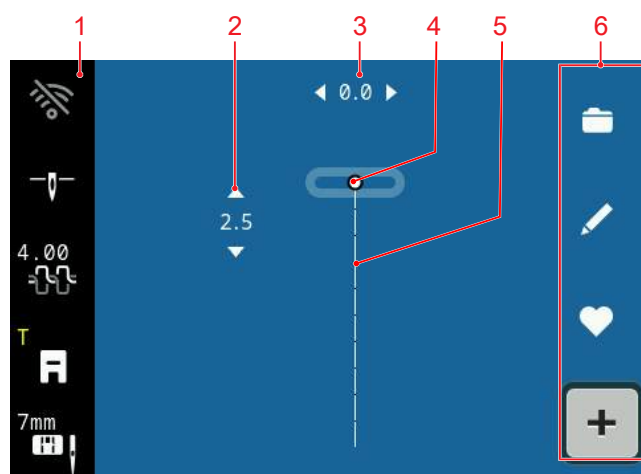
Design Position

Settings  ► Embroidery  ► Design Position 

With the **Design Position**  setting, you can set the standard positioning of the embroidery design in the hoop.

You can position the embroidery designs as follows:

- Function deactivated  : The embroidery design is positioned in the center of the hoop.
- Function activated  : The embroidery design is positioned at the stored position. The saved position corresponds either to the position of the embroidery design when it was saved in your Personal Folder, or to the position saved in the bernette StitchDirect App. The setting is saved when the machine is switched off.

Sewing 

1 Status Bar 2 Stitch Length 3 Stitch Width
4 Needle Position 5 Stitch Preview 6 Quick Access Bar

Stitch Length

The function **Stitch Length** allows you to set the stitch length for the stitch you are currently sewing. [▶ see page 43]

Stitch Width

With the **Stitch Width** function, you can adjust the width of the current stitch. [▶ see page 43]

Needle Position

If the needle has been moved to the left or right, the value of the needle position is displayed. You can move the needle position back to the middle position by tapping the icon **Needle Position**.

Stitch Preview

A preview of the current stitch or stitch pattern combination is displayed in the stitch preview. In combi mode, you can select the individual stitches in the stitch preview.

3.1 Status Bar

WiFi

Tap the icon **WiFi**  to access the WiFi settings. In the settings, you can switch the WiFi connection on or off or set up the WiFi connection. [▶ see page 31]

Needle Stop

The **Needle Stop**  icon shows the needle position when the machine is stopped.

-  : Needle Stop Up.
-  : Needle Stop Down.

You can set the needle position to stop up or down by toggling the icon.

Upper Thread Tension

The **Upper Thread Tension**  icon shows the recommended upper thread tension for the selected stitch.

You can modify the upper thread tension for the selected stitch by tapping the **Upper Thread Tension**  icon. [▶ see page 32]

Presser Foot

The **Presser Foot**  status shows the recommended or selected presser foot.

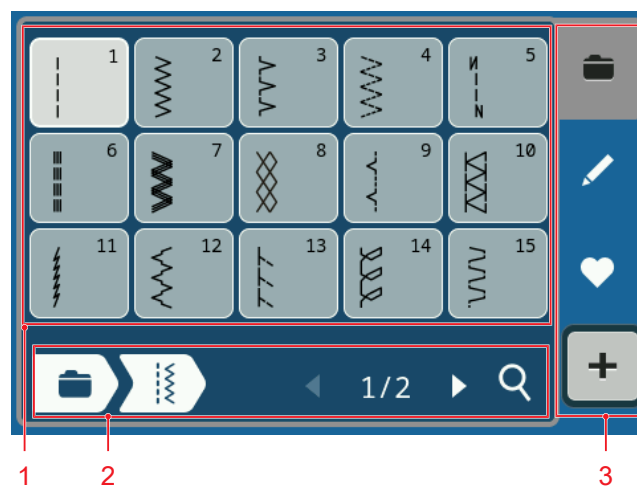
You can open presser foot selection by tapping the icon. You can select the attached presser foot in the presser foot selection. [▶ see page 27]

Stitch Plate and Sewing Needle

The **Stitch Plate and Sewing Needle**  status shows the selected needle and the attached stitch plate. The attached stitch plate is automatically recognized.

You can open the needle overview and select the attached needle by tapping the icon. [▶ see page 19]

3.2 Stitch Selection



1 Selection Area 2 Navigation Bar 3 Quick Access Bar

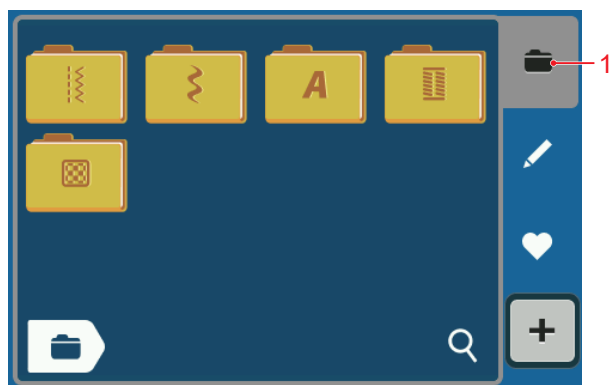
Navigation Bar

The Navigation Bar shows the path to the selected stitch pattern.

Search

With the **Search Q** function, you can search for stitch patterns by stitch number.

Selection Area



1 Stitch Selection

Practical Stitches

In the **Practical Stitches** 𐄂 folder, you will find all practical stitches. [▶ see page 37]

Quilt Stitches

In the **Quilt Stitches** 𐄂 folder, you will find all quilt stitches. [▶ see page 41]

Decorative Stitches

In the **Decorative Stitches** 𐄂 folder, you will find all decorative stitches collated into folders by categories. [▶ see page 39]

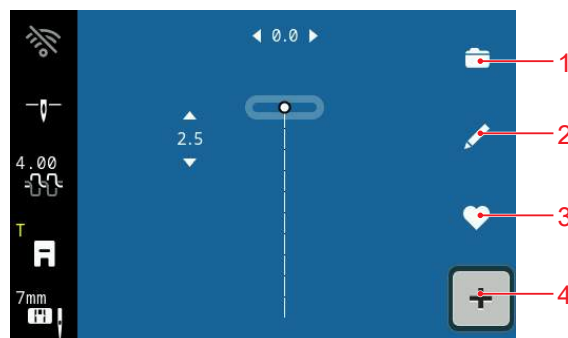
Alphabets

In the **Alphabets** A folder, you will find all sewing alphabets. [▶ see page 39]

Buttonholes

In the **Buttonholes** 𐄂 folder, you will find all buttonholes, eyelets and the Button Sew-on Program. [▶ see page 40]

Quick Access Bar



1 Selection Area 2 Edit 3 Personal Folder 4 Combi Mode

Selection Area

In the selection area, you can navigate through the folders and load a stitch pattern. Each stitch pattern is displayed with a preview image.

If you tap the icon in the preview, the stitch pattern is loaded.

Edit

With the **Edit** 𐄂 function, you can open the stitch pattern editing functions. [▶ see page 43]

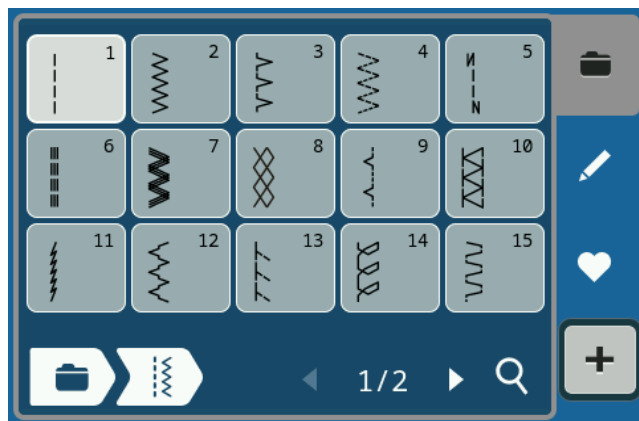
Personal Folder

In the folder **Personal Folder** 𐄂, you can save and load your own stitch pattern. You can organize the stitch patterns in folders.

Combi Mode

With the **Combi Mode** 𐄂 you can switch the combi mode on and off. [▶ see page 44]

4.1 Practical Stitches

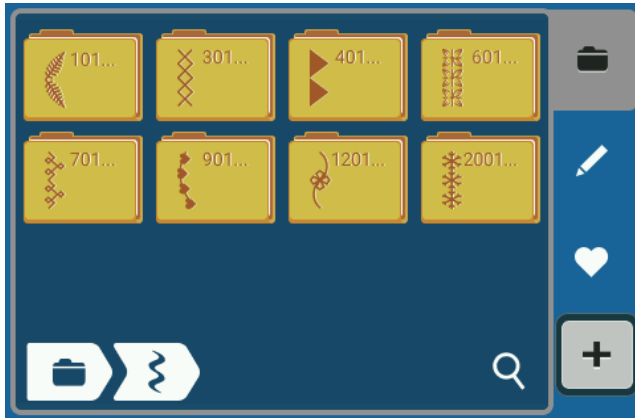


Stitch patterns	Stitch number	Name	Purpose
	1	Straight Stitch	For joining seams, for topstitching and basting.
	2	Zigzag	For finishing, sewing knit seams, sewing on lace inserts and elastic bands.
	3	Vari-Overlock	For finishing edges, sewing together and finishing knit fabrics.
	4	Running Stitch	For darning and reinforcing fabric edges or attaching lace or elastic tape.
	5	Securing Program	For automatic securing at the start and the end of the seam with forward and reverse stitches.
	6	Triple Straight Stitch	For reinforced seams on heavy fabrics, topstitching and decorative effects.
	7	Triple Zigzag	For durable seams on strong fabrics, visible hems and decorative seams.
	8	Honeycomb Stitch	For visible and decorative seams on knits and wovens.
	9	Blind Stitch	For blind hems on most fabric types and for shell edging on soft jerseys and fine fabric.
	10	Double Overlock	For sewing together and finishing knit fabrics.
	11	Superstretch Stitch	For very stretchy open seams.
	12	Gathering Stitch	For gathering with heavier threads and for flat joining seams on medium-weight fabrics.

4 Stitch Overview

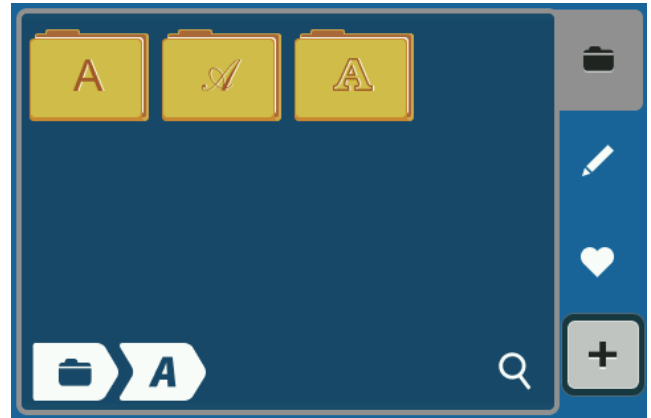
Stitch patterns	Stitch number	Name	Purpose
	13	Stretch Overlock	For sewing together and finishing knit fabrics as well as for flat joining seams.
	14	Tricot Stitch	For visible hems and seams in lingerie and sweaters and for mending tricot fabric.
	15	Universal Stitch	For flat joining seams, visible hems and decorative seams in heavy fabrics such as felt and leather and for attaching elastic tape.
	16	Stitched Zigzag	For finishing and reinforcing fabric edges, for sewing on elastic tape and for decorative seams.
	17	Elastic Stitch	For flat joining seams, visible hems on elastic fabrics and for stitching over seams in undergarments.
	18	Stretch Stitch	For stretchy seams and hems in woven and knit fabrics.
	19	Reinforced Overlock	For overlock seams or flat joining seams on medium-weight knit fabrics and toweling.
	20	Knit Overlock	For stretchy seams and hems in woven and knit fabrics.
	21	Basting Stitch	For tacking seams, hems and for quilting projects.
	22	Simple Darning Program	For automatic darning in fine to heavy fabrics.
	23	Reinforced Darning Program	For automatic darning in heavy materials.
	24	Bartack Program	For reinforcing pocket openings, buttonholes and sewing belt loops.
	25	Bartack Program	For reinforcing pocket openings and securing seam ends.
	26	Large Fly Stitch	For reinforcing pocket openings, zippers and slits in medium-weight to heavy fabrics.

4.2 Decorative Stitches



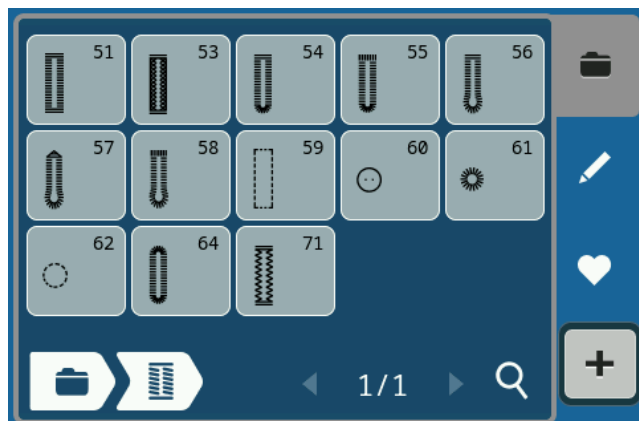
Category	Name
100 	Nature
300 	Cross Stitches
400 	Satin
600 	Geometric
700 	Heirloom
900 	Children
1200 	Filigree Sideways Motion
2000 	Seasons

4.3 Alphabets



Stitch Patterns	Name
ABCabc	Block
<i>ABCabc</i>	Script Italic
ABCabc	Double Block

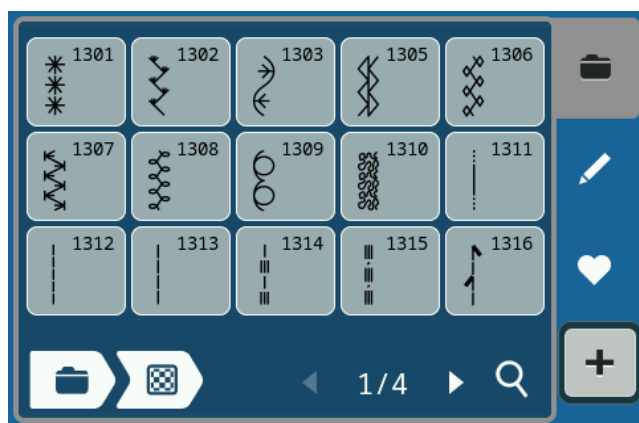
4.4 Buttonholes



Stitch patterns	Stitch number	Name	Purpose
	51	Standard Buttonhole	For light to medium-weight fabrics. e.g. blouses, dresses and bed linen.
	53	Stretch Buttonhole	For all knit fabrics.
	54	Round Buttonhole with Normal Bartack	For medium-weight to heavy fabrics. e.g. dresses, jackets, coats and rainwear.
	55	Round Buttonhole with Horizontal Bartack	For medium-weight to heavy fabrics, with a reinforced bar, e.g. dresses, jackets, coats and rainwear.
	56	Keyhole Buttonhole	For heavy woven fabrics, e.g. jackets, coats and leisure wear.
	57	Keyhole Buttonhole with Pointed Bartack	For stronger, woven fabrics, e.g. jackets, jeans coats and leisurewear.
	58	Keyhole Buttonhole with Horizontal Bartack	For heavy woven fabrics, e.g. jackets, coats and leisurewear.
	59	Straight Stitch Buttonhole	For staystitching and reinforcing buttonholes and as buttonhole edging, especially for buttonholes in leather and imitation leather.
	64	Double-rounded Buttonhole	For medium-weight to heavy fabrics.
	60	Button Sew-on Program	Sews buttons with 2 or 4 holes.
	61	Small Zigzag Eyelet	Openings for cords or narrow ribbons and for decorative work.

Stitch patterns	Stitch number	Name	Purpose
	62	Straight Stitch Eyelet	Openings for cords or narrow ribbons and for decorative work.
	71	Stretch Buttonhole	For jeans or stretch fabric with a coarse weave.

4.5 Quilt Stitches

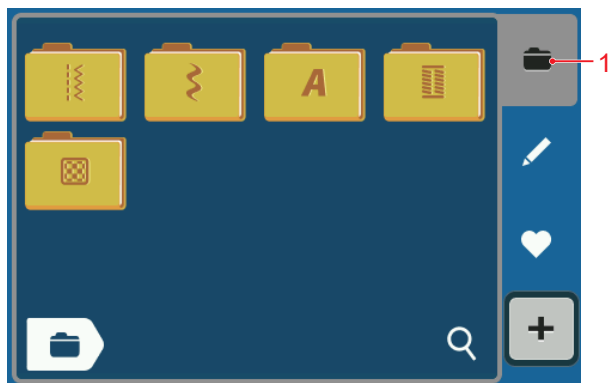


Stitch	Number	Name	Purpose
	1301	Decorative Quilting Stitch Variations 1301-1310, 1346	For "Crazy Patchwork" and embellishing.
	1311	Quilting, Securing Program	To secure at the sewing start and end with short stitches forward.
	1312	Quilting, Straight Stitch	Straight Stitch 2 mm stitch length, to join patchwork parts.
	1313	Piecing Stitch/Straight Stitch	Straight Stitch at 3 mm stitch length.
	1314	Hand-look Quilt Stitch Variations: 1315, 1339, 1343, 1345, 1349, 1350, 1351	Imitation of hand-look quilt stitch with monofilament.
	1316	Decorative Quilting Stitch Variations 1316, 1317, 1320-1322, 1325-1329, 1334-1336, 1040-1041	For "Crazy Patchwork" and embellishing.
	1318	Blanket Stitch Variations: 1347	For appliqué and sewing on ribbons.

4 Stitch Overview

Stitch	Number	Name	Purpose
	1319	Double Blanket Stitch Variations: 1348	For appliqué and sewing on ribbons.
	1323	Dual Blanketstitch	To edgestitch between two appliqués, "Crazy Patchwork".
	1324	Double Blanketstitch dual	To edgestitch between two appliqués, "Crazy Patchwork".
	1330	Featherstitch Variations 1330-1332, 1346	For "Crazy Patchwork" and embellishing.
	1333	Stippling Stitch/Stippling Quilt Stitch	Imitation of stipple quilting.
	1337	Feather Stitch Variations: 1338, 1342	For "Crazy Patchwork" and embellishing.

5.1 Load Stitch Pattern



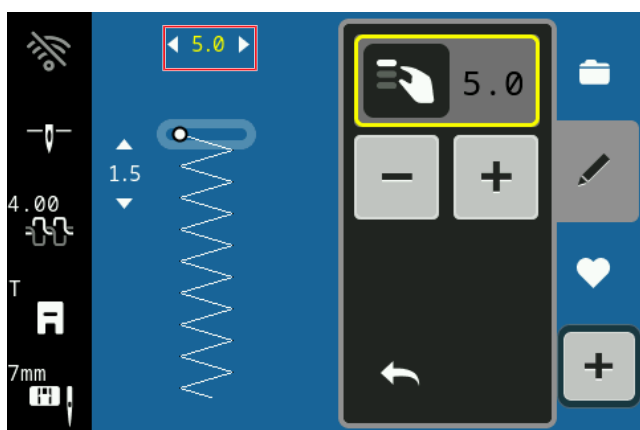
1 Stitch Selection

1. Tap the selection area in the quick access bar.
2. Tap the desired stitch category.
3. Search for the desired stitch pattern and select it.
 - ⇒ The stitch pattern is displayed in the stitch preview.

Further information on the selection area can be found in the stitch selection. [▶ see page 35]

5.2 Stitch Pattern Editing

Stitch Width



The recommended stitch width is indicated for each stitch. You can modify the stitch width for most stitches, alphabets and buttonholes. The stitch width depends on the needle used, the presser foot and the stitch plate.

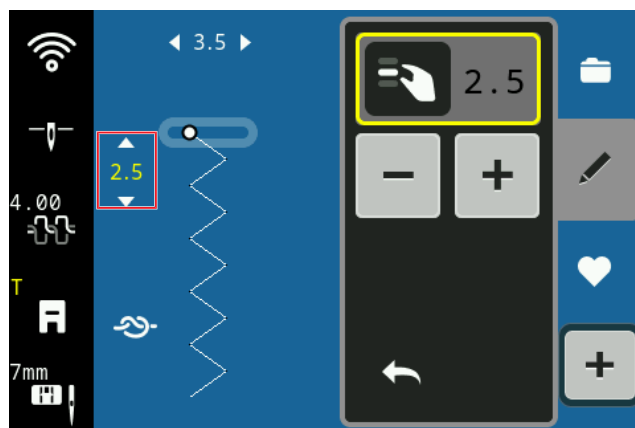
The machine checks the compatibility between the needle, presser foot, stitch plate and stitch. To do this, click the icon **Presser Foot A** in the status bar to select the attached presser foot and the attached needle. If

the stitch cannot be sewn with the selected presser foot, the selected needle, and the mounted stitch plate, the stitch will be displayed in red.

TIP

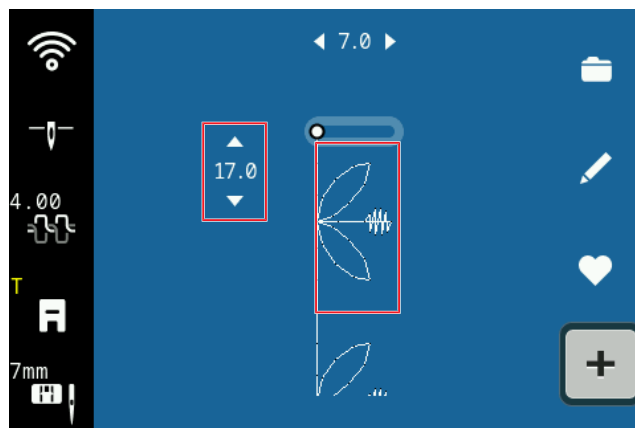
You can also modify the stitch width during sewing with the **Stitch Width** button.

Stitch Length



The recommended stitch length is indicated for each stitch. You can modify the stitch length for most stitches, alphabets and buttonholes.

With decorative stitches, alphabets and stitch pattern combinations, the pattern length is displayed instead of the stitch length.

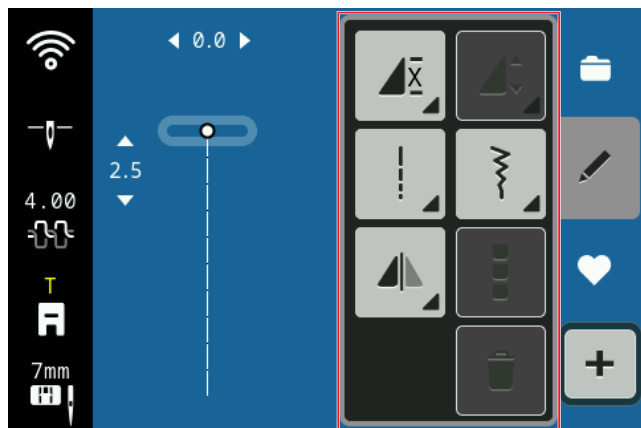


TIP

You can also modify the stitch length during sewing with the **Stitch Length** button.

Editing Functions

Sewing  ► Edit 



With the **Edit**  function, you can view the editing functions for the selected stitch.

Repeat

Sewing  ► Edit  ► Repeat 

With the **Repeat**  function, you can set the number of repeats of a stitch pattern after which the machine should stop. You can set up to 9 repeats. The number of repeats still to be sewn is displayed on the Sewing Screen.

If you tap and hold the **Repeat**  button, the function is switched off.

The function **Tie-Off**  allows you to automatically add securing stitches at the end of the repeated stitch pattern.

Mirror Left/Right

Sewing  ► Edit  ► Mirror Left/Right 

With the **Mirror Left/Right**  function, you can mirror a stitch pattern along the vertical axis.

By tapping on the icon **Mirror Left/Right** , the icon **Mirror Up/Down**  becomes visible too.

Mirror Up/Down

Sewing  ► Edit  ► Mirror Up/Down 

With the **Mirror Up/Down**  function, you can mirror a stitch pattern along the horizontal axis.

Stitch Pattern Length

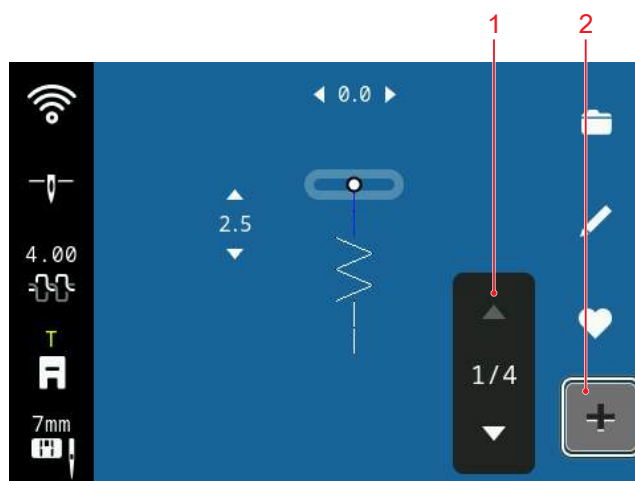
Sewing  ► Edit  ► Stitch Pattern Length 

With the **Stitch Pattern Length**  function, you can enlarge or decrease the size of the stitch pattern.

5.3 Stitch Pattern Combination

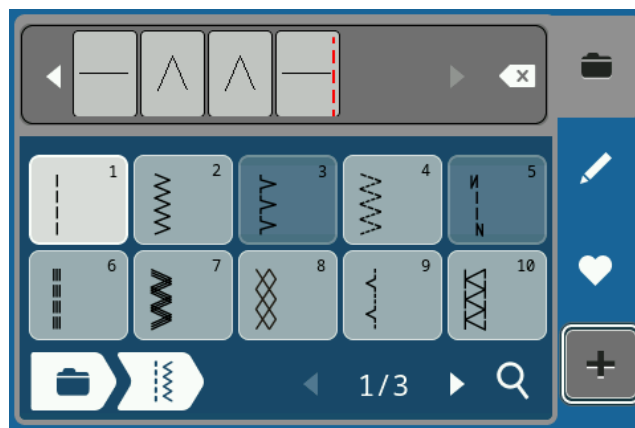
Combi Mode

In combi mode, you can combine stitch patterns and letters to create stitch pattern combinations or lettering. Stitch pattern combinations can be saved and sewn out as one stitch pattern.



1 Stitch Pattern Navigation 2 Combi Mode

In full-screen view, you can select specific characters using the icons (uppercase, lowercase, and special characters), navigate between the different stitch patterns, and delete them.

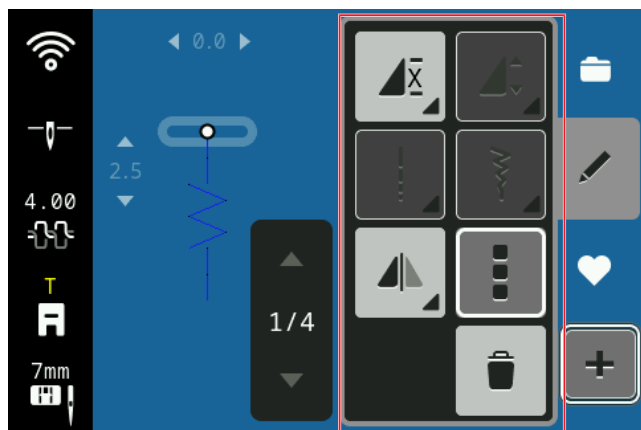


Creating Stitch Pattern Combinations

Sewing ► **Combi Mode**

1. Tap the **Combi Mode** icon in the sewing screen.
2. Combine the desired stitch patterns or letters from the selection area one after another to form a combination.
 - ⇒ The stitch patterns are inserted into the combination bar after the selection of the stitch and displayed in the stitch preview.
 - ⇒ The combination can be sewn and/or saved.

Editing Functions



With the **Edit** function, you can edit individual stitch patterns or whole stitch pattern combinations. By tapping the function **Combi Mode** , the additional functions in the menu editing functions are activated to edit individual stitch patterns, several stitch patterns or the complete stitch pattern combination.

Delete

Sewing ► **Combi Mode** ► **Edit** ► **Delete**

With the **Delete** function, you can remove the selected stitch pattern from the combination.

Editing a Stitch Pattern Combination

Sewing ► **Combi Mode** ► **Edit** ► **Editing a Stitch Pattern Combination**

With the **Editing a Stitch Pattern Combination** function, you can edit complete stitch pattern combinations.

Editing a Stitch Pattern Combination

Repeat

With the function **Repeat** , you can set the number of repeats of a stitch pattern combination after which the machine should stop. You can set up to 9 repeats. The number of repeats still to be sewn is displayed on the Sewing Screen.

If the function **Repeat** is active, the function **Tie-Off** can be activated. When this function is activated, short securing stitches are sewn one after the other at the beginning of the stitch pattern combination.

Mirror Left/Right

With the **Mirror Left/Right** function, you can mirror a stitch pattern combination along the vertical axis.

Delete

Sewing ► **Combi Mode** ► **Edit** ► **Editing a Stitch Pattern Combination** ► **Delete**

With the **Delete** function, you can delete the complete stitch pattern combination.

Loading a Stitch Pattern Combination

Sewing ► **Personal Folder** ► **Loading a Stitch Pattern Combination**

With the function **Loading a Stitch Pattern Combination** you can upload a stitch pattern combination from the folder **Personal Folder** .

Saving a Stitch Pattern Combination

Sewing ► **Personal Folder** ► **Saving a Stitch Pattern Combination**

With the function **Saving a Stitch Pattern Combination** you can save a stitch pattern combination in the folder **Personal Folder** .

Sewing ► **Personal Folder** ► **Save Stitch Pattern in App**

The function **Save Stitch Pattern in App** allows you to save modified stitch pattern combinations as your own stitch pattern combinations in the bernette StitchDirect app. To do this, the machine must be connected to the app.

Deleting a Stitch Pattern Combination

Sewing  ► Personal Folder  ► Deleting a Stitch Pattern Combination 

With the **Deleting a Stitch Pattern Combination**  function, you can delete a stitch pattern combination in the folder **Personal Folder** .

The machine offers various options for securing the thread at the beginning and end of the seam.

At the Beginning of the Seam

- Manually sew a few stitches forward, then backward, then forward again.
- If the **Securing Stitches**  function is switched on in the sewing settings before sewing begins, the machine secures automatically.

At the End of the Seam

- Manually sew a few stitches backward, then forward again.
- Press the **Tie-Off**  button when securing is to be carried out.
- Press the button **Thread Cutter**  .
If the button for the **Tie-Off**  function is activated in the sewing settings, the machine secures when the button is pressed and cuts the thread.

Embroidery File Format

Your machine can read embroidery designs that have been created using the BERNINA Embroidery Software and exported as EXP files. When they are exported, a BMP file and an INF file are created alongside the actual embroidery file. The BMP file provides a preview of the embroidery design and the INF file provides the information on the thread colors. If the INF file is missing, the embroidery design cannot be displayed in the correct thread colors and will instead be displayed in default colors. You can set the colors manually in the editing functions.

BERNINA International AG cannot guarantee that embroidery designs that have not been created or converted using the BERNINA Embroidery Software will be correctly read and embroidered.

Design Size

You can enlarge or reduce embroidery designs by up to 20 % in the machine or in the bernette StitchDirect app without any loss of quality.

Upper Thread

Select high-quality embroidery threads for the upper thread, as these have an even thickness and are less prone to breaking. Embroidery created with glossy, fine embroidery thread is particularly beautiful. Thread manufacturers offer a comprehensive range of thread types and colors.

- Polyester with a sheen is durable, break-resistant and colorfast. Polyester with a sheen is suitable for all types of embroidery.
- Rayon is a fine, silk-like fiber with a glossy effect. Rayon is suitable for fine embroidery that is not subject to heavy stress.
- Metallic thread is a glossy thread available in fine to medium thicknesses, and is suitable for special effects in embroidery.
When using metallic threads, switch off the automatic thread cutter and reduce the embroidery speed and upper thread tension.
To reduce thread breakage, you can use the thread lubrication unit.
To prevent the slippery threads from getting caught or breaking, you can place a spool net over the spool.

Bobbin Thread

Special bobbin thread for embroidery is usually only available as black or white thread. If both sides of the embroidery will be visible, you can also use the upper thread in the same color or another normal embroidery thread as the bobbin thread.

- Embroidery bobbin thread is an especially soft and light polyester thread which is suited to be used as bobbin thread. This special bobbin thread ensures a steady thread tension and an optimal intertwining of the upper and bobbin thread.

Stabilizers

Use a stabilizer to stabilize the fabric during stitching. Light weight and knit fabrics are difficult to hoop and tend to deform. A stabilizer prevents the fabric moving or puckering during stitching.

There are various types of stabilizers for various applications.

Stabilizer	Scope of Application	Fabric/Application
Cut-away Stabilizer	Knit fabrics Woven fabrics	■ Jersey, sweater, knitwear, stretch fleece ■ Embroidery designs with high embroidery density
Tear-away Stabilizer	Woven fabrics	■ Denim, cotton, linen, felt, wool, silk
Water-soluble Stabilizer	Washable fabrics Projects where there must not be any visible stabilizer residue	■ Organza, net, chiffon ■ Freestanding embroidery
Topping	Fabrics with a pile or texture	■ Velvet, fleece, plush, knit fabrics, corduroy, broadcloth

7 General Embroidery Information

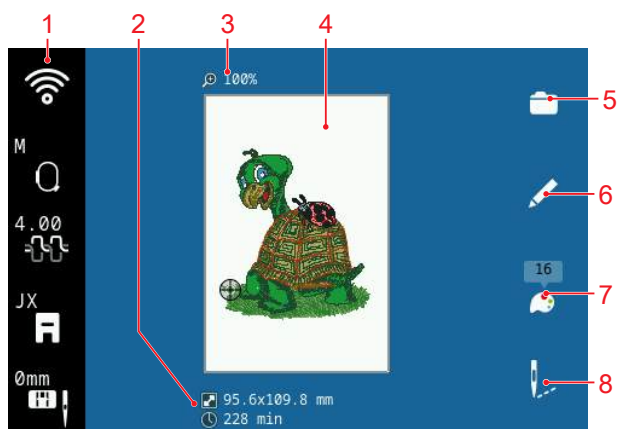
Stabilizer	Scope of Application	Fabric/Application
Adhesive Stabilizer	Fabrics or projects that cannot be hooped	■ Leather, imitation leather, cork, velvet, velours, neoprene, fur, corduroy ■ Collar corners, pockets, cuffs
Hydro Stabilizer	For most embroidery applications	■ Leather, imitation leather, cork, velvet, velours, neoprene, fur, corduroy ■ Collar corners, pockets, cuffs
Iron-on Stabilizer	Iron-on fabrics	■ Appliqués and patches

Embroidery stabilizers can be fixed to the fabric with adhesive spray before being hooped. Starch spray can be used to stiffen the fabric before embroidering.

Embroidery Test

For important projects, it is advisable to test embroider the design on the same or a similar fabric using the same stabilizer, threads and needle.

- An embroidery test enables you to recognize potential errors or difficulties in advance so that you can make appropriate adjustments.
- The embroidery test enables you to check the selected embroidery threads and colors appear on the fabric and adjust as needed.
- The embroidery test enables you to determine the ideal stitch density and apply the correct settings.

Embroidery 

1 Status Bar 2 Info Box 3 View Size (%) 4 Stitch Pattern Preview 5 File 6 Edit 7 Colors 8 Stitchout

Info Box

In the Info Box, you can find the following information about the embroidery design:

- **Embroidery Time** : Estimated time required to stitchout the selected layer(s).
- **Embroidery Size** : Overall width and height of selected layer(s).

Design Preview

The design preview shows a preview of the current embroidery designs in the attached or selected hoop.

File

Using the tab **File**  you can load or add an embroidery design from the selection area or from the bernette StitchDirect app. You can save or delete an embroidery design in the folder **Personal Folder**  or in the bernette StitchDirect app. [▶ see page 54]

Edit

Use the tab **Edit** to call up the embroidery screen and edit the embroidery design.

With the **Edit**  function, you can show editing functions for the embroidery designs. [▶ see page 52]

Colors

Use the tab **Colors**  to display and change the colors and thread brands of the whole layer.

Tap the icon **Number of Colors**  to display the number of colors used for the whole layer.

The following functions enable you to edit the thread brand and the color:

- **Change Color** : Modify the color and thread brand of the selected color. [▶ see page 53]

Stitchout

Via the tab **Stitchout**  you can call up the window **Stitchout Summary** and the embroidering. [▶ see page 56]

Move View

Embroidery  ▶ **Edit**  ▶ **Zoom In/Zoom Out** 
▶ **Move View** 

With the **Move View**  function, you can move the embroidery design preview without changing the embroidery position.

8.1 Status Bar

WiFi

Tap the icon **WiFi**  to access the WiFi settings. In the settings, you can switch the WiFi connection on or off or set up the WiFi connection. [▶ see page 31]

Upper Thread Tension

The **Upper Thread Tension**  status shows the recommended upper thread tension for the selected embroidery design.

You can change the upper thread tension by tapping the icon. [▶ see page 33]

Presser Foot

The **Presser Foot**  status shows the recommended or selected presser foot.

You can open presser foot selection by tapping the icon. You can select the mounted presser foot in the presser foot selection. [▶ see page 27]

Hoop

The **Hoop**  status displays the attached hoop. If no hoop has been attached, the status shows the recommended hoop for the selected embroidery design.

- White: Standard or selected embroidery hoop.
- Yellow: Attached, recognized embroidery hoop.

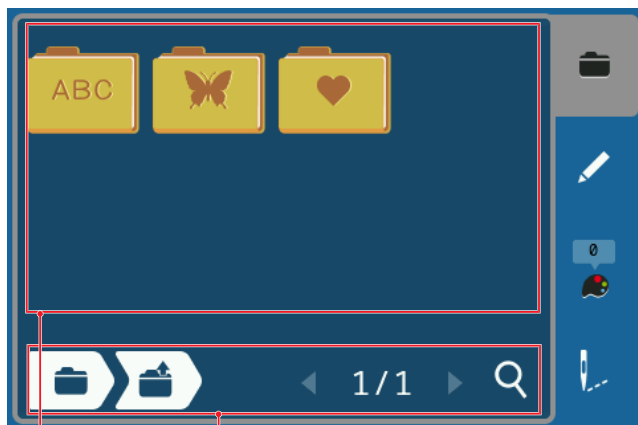
You can select the attached hoop and display details for the hoop by tapping the status. [▶ see page 30]

Stitch Plate and Sewing Needle

The **Stitch Plate and Sewing Needle**  status shows the selected needle and the attached stitch plate. The attached stitch plate is automatically recognized.

You can open the needle overview and select the attached needle by tapping the icon. [▶ see page 19]

8.2 Embroidery Design Selection



1 Selection Area 2 Navigation Area

Navigation Bar

The navigation bar shows the path to the selected folder.

Search

With the **Search Q** function, you can search for embroidery designs by number in the currently selected folder.

Selection Area

Lettering

In the **Lettering ABC** folder, you will find alphabets which you can use to create your own texts. [► see page 54]

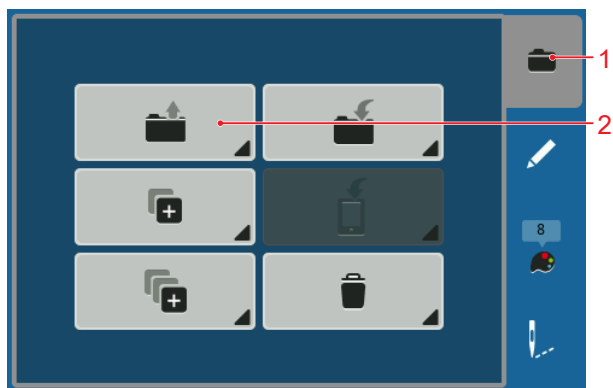
Embroidery Designs

In the **Embroidery Designs** folder, you will find all embroidery designs that are supplied with the machine. The embroidery designs are collated into folders by subjects. [► see page 72]

Personal Folder

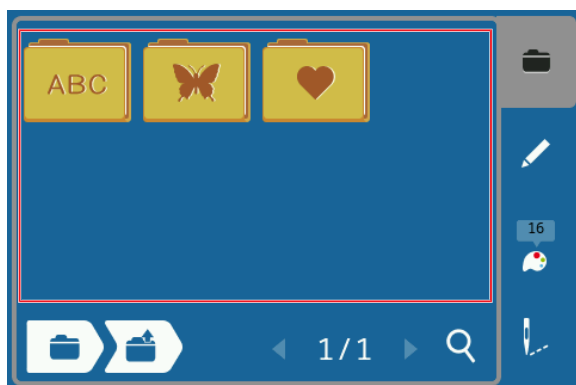
In the folder **Personal Folder**, you can save and load your own embroidery designs. The stitch pattern last used in the sewing mode is displayed in the My Folder and can be uploaded for embroidering.

9.1 Loading the Embroidery Design



1 File 2 Loading the Embroidery Design

1. Tap the tab **File** .
2. Tap the **Loading the Embroidery Design**  icon.
⇒ The selection area appears.
3. Tap the embroidery design category in the selection area.



4. Search for the desired embroidery design and select it.
⇒ The embroidery design is displayed in the embroidery design preview.

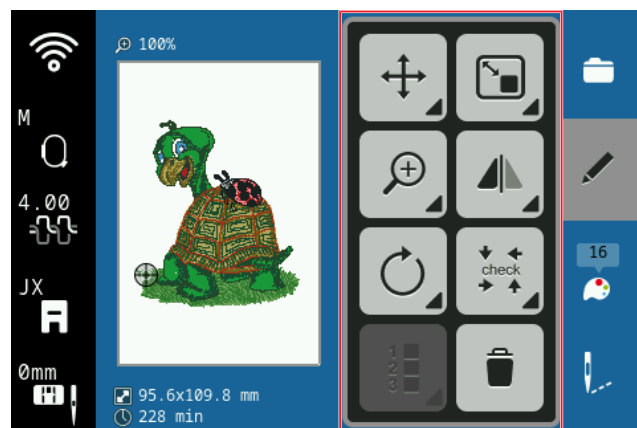
9.2 Embroidery Design Editing

Embroidery  ► **Edit** 

With the **Edit**  function, you can view the editing functions.

The results of editing are shown in real time in the design preview in the selected hoop.

Editing Functions



Move

Embroidery  ► **Edit**  ► **Move** 

With the **Move**  function, you can move the selected layers.

With the **Center**  function, you can position the layers in the center of the hoop.

TIP

You can also move the layers directly in the design preview, e.g. using finger gestures or the multi-function buttons.

Rotate

Embroidery  ► **Edit**  ► **Rotate** 

With the **Rotate**  function, you can rotate the selected layers.

Resize

Embroidery  ► **Edit**  ► **Resize** 

With the **Resize**  function, you can modify the size of the selected layers. In the default setting, the length and width is changed proportionally.

TIP

For best results, do not enlarge or reduce the layers by more than 20 %.

Mirror Left/Right

Embroidery  ► **Edit**  ► **Mirror Left/Right** 

With the **Mirror Left/Right**  function, you can mirror the selected layers along the vertical axis.

Mirror Up/Down

With the **Mirror Up/Down**  function, you can mirror the selected layers along the horizontal axis.

Delete

Embroidery  ► Edit  ► Delete 

With the **Delete**  function, you can delete the selected layers.

Arranging Functions

Zoom In/Zoom Out

Embroidery  ► Edit  ► Zoom In/Zoom Out 

With the **Zoom In/Zoom Out**  function, you can enlarge and reduce the view of the embroidery design on the embroidery screen.

Move View

Embroidery  ► Edit  ► Zoom In/Zoom Out 
► Move View 

With the **Move View**  function, you can move the embroidery design preview without changing the embroidery position.

Move

Embroidery  ► Edit  ► Zoom In/Zoom Out 
► Move 

With the **Move**  function, you can move the selected layers.

Arrange

Embroidery  ► Edit  ► Arrange 

With the **Arrange**  function, you can move the selected layer in the layer bar down/up step by step. Moving layers downward will cause them to be stitched earlier. The bottom layer is stitched first.

Group

Embroidery  ► Edit  ► Arrange  ► Group 

The function **Group**  allows you to combine all layers into a group.

Positioning Functions

Check Design

Embroidery  ► Edit  ► Check Design 

With the **Check Design**  function, you can check the four corners and the center of the selected layer and move the embroidery design if necessary. [► see page 53]

Changing the Colors

Embroidery  ► Colors 

There are the following options available for changing a color in an embroidery design:

- **Change Color**  : Select a color from a color palette.
- **Search Q** : Use the **Search Q** function to search for a color by color number.

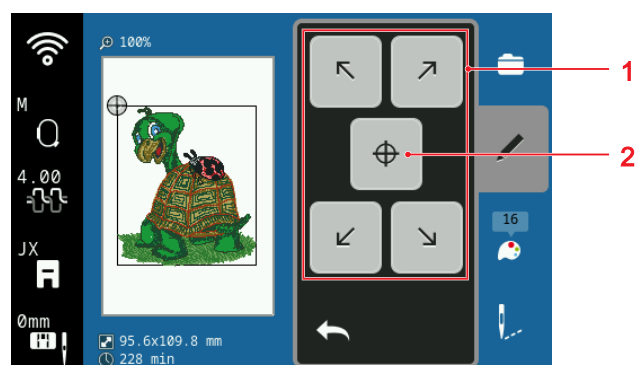
Change Thread Brand

Embroidery  ► Colors 

The embroidery designs are programmed with the Isacord 40 thread brand. If you would rather work with embroidery threads from other brands, you can change the thread brand.

1. To change the thread brand for all threads in the layer, tap the icon **Change Brand** .
2. Select the desired brand from the list by scrolling left/right.
3. To return to the color overview, tap the **Undo**  icon.
4. To change the thread marker for an individual color, select the color, tap the **Change Color**  icon, select the thread marker from the list and tap the desired color.
5. To return to the color overview, tap the **Undo**  icon.

Check Design



1 Move Hoop to Position 2 Center Design

With the **Check Design**  function, you can check the intended position of your embroidery design in the embroidery hoop before embroidering and adjust it if necessary.

Prerequisite:

- A hoop with the hooped project is attached.

1. Tap an arrow in the **Move Hoop to Position** area.
⇒ The hoop moves until the needle is located at the selected point of the embroidery design, as long as the point is within the area to be embroidered.
2. Check whether the position is correct.
3. If necessary, move the embroidery design horizontally and vertically.
4. If necessary, check other positions.

9.3 Lettering

Lettering

Embroidery ► File ► Loading the Embroidery Design ► Lettering **ABC**

Font	Name
	Anniversary
	Childs Play
	Swiss Block
	Victoria

Creating Lettering



1 Text Preview 2 Keypad

1. Tap the tab **File** .
2. Tap the **Loading the Embroidery Design** icon.
⇒ The selection area appears.
3. Tap the folder **Lettering ABC** in the selection area and select a font.
4. Type in the text using the on-screen keyboard.

5. Confirm the completed text.

9.4 Administering Embroidery Designs

Loading the Embroidery Design

Embroidery ► File ► Loading the Embroidery Design

The function **Loading the Embroidery Design** can be used to load a new embroidery design from the selection area. [► see page 52]

When the machine is connected to the bernette StichDirect app, you can send your own embroidery designs from the app to the machine. The embroidery design is displayed in the embroidery design preview.

Add Design

Embroidery ► File ► Add Design

With the **Add Design** function, you can add embroidery designs from the selection area. The last embroidery design added is displayed at the top in the embroidery design preview.

Embroidery ► File ► Selection Options

With the **Selection Options** function, you can add one or several embroidery designs from the selection area or from the USB stick. The last embroidery design added is displayed at the top in the embroidery design preview.

Saving Embroidery Designs

You can save modified stitch patterns in your personal folder or in the bernette app.

Embroidery ► File ► Save

With the **Save** function, you can save embroidery designs in the folder **Personal Folder** .

Embroidery ► File ► Save Embroidery Design in App

The function **Save Embroidery Design in App** allows you to save modified stitch patterns as separate stitch patterns in the bernette StichDirect app. To do this, the machine must be connected to the app.

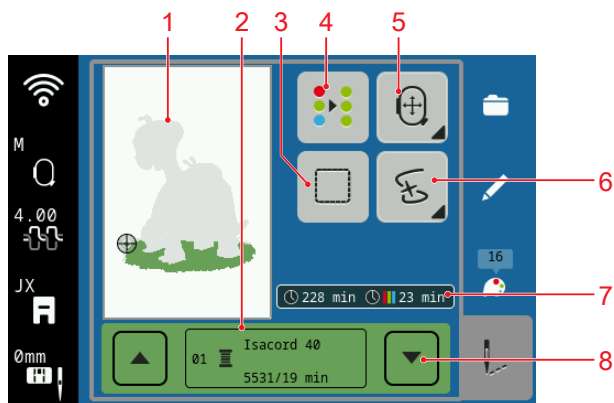
Deleting an Embroidery Design

Embroidery  ► File  ► Deleting an Embroidery Design 

With the **Deleting an Embroidery Design**  function, you can delete embroidery designs in the folder **Personal Folder**  .

10.1 Stitchout Summary

Embroidery  ► Stitchout 



- 1 Design Preview 2 Current Color 3 Basting
4 Reduce Thread Changes 5 Move Hoop 6 Go to
Stitch 7 Embroidery Information 8 Color Up/Down

In the **Stitchout Summary** screen, you can modify the most common settings for optimal stitchout quality before starting the stitchout. Additional settings can be modified in embroidery settings. [► see page 33]

Basting

With the **Basting**  function, you can secure materials in the hoop that cannot be hooped, e.g., felt, organza and silk. The basting can also be used to prevent top stabilizers from moving or as a guide for trimming after embroidery. The following functions are available:

- Deactivated: No basting seam sewn.
- **Baste Around Design** : To sew the basting seam around the embroidery design.
- **Secure at Beginning** : To sew securing stitches at the beginning of the basting seam.

TIP

There are no sew-on stitches in the basting seam. Pull the bobbin thread to the top of the fabric before stitching the basting seam and hold both threads for the first stitches.

Move Hoop

With the **Move Hoop**  function, you can correct the position of the embroidery hoop if, for example, a border or lettering is not stitched out cleanly.

After rehooping the fabric, you can align the position of the embroidery hoop with the stitch that was embroidered last.

Go to Stitch

With the **Go to Stitch**  function, you can return to a specific point in the embroidery after a thread break or other interruption in the embroidery process in order to continue stitching from that point. The machine displays the needle position at the time the process was canceled.

You can move from stitch to stitch or use the buttons **Stitch Length** to move in larger increments.

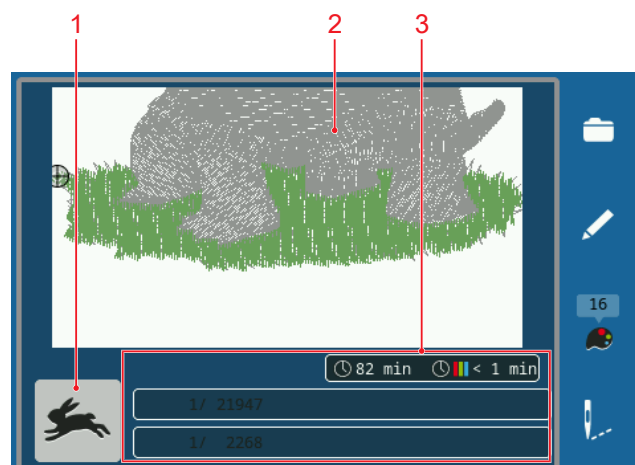
If you wish to return to a specific stitch, you can enter the number of the stitch.

Single Color

The setting **Single Color**  allows you to embroider the design without any thread change using the thread that is threaded.

10.2 Stitchout

Embroidery  ► Stitchout 



- 1 High Speed 2 Design Preview 3 Embroidery Information

The **Stitchout** screen appears when the embroidery design is ready for stitching out. You can start stitching with the **Start/Stop**  button.

If the embroidery process is interrupted, the last embroidered position is automatically approached after the machine is restarted.

High Speed

Embroidery designs are embroidered at the optimum speed to ensure an even stitch appearance. The optimum embroidery speed depends on the hoop used. With the **High Speed**  function, you can increase the embroidery speed up to the saved maximum speed. Depending on the type of stitch, e.g. triple stitch, the function may result in an irregular stitch pattern.

10 Embroidering the Embroidery Design

This function is only available once you have started stitching out using the **Start/Stop**  button.

Single Color

The setting **Single Color**  allows you to embroider the design without any thread change using the thread that is threaded.

Once the embroidery design has been embroidered, you can choose from the following options:

- **Finish Embroidery**  : Finish embroidering and return to the embroidery screen.

11.1 Software

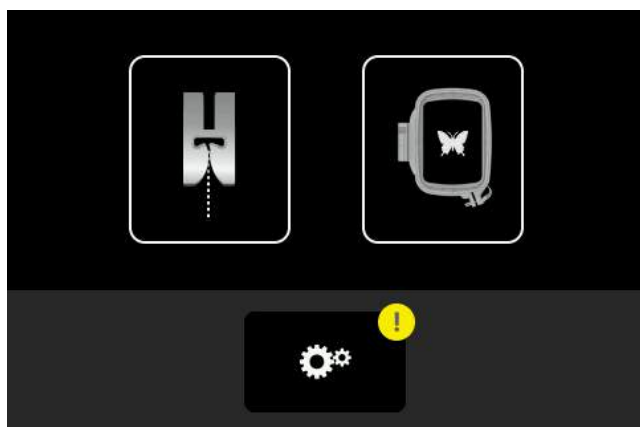
Update Firmware

Use the **Update Firmware**  function to install the latest version of the firmware on your machine.

Prerequisite:

- The machine is connected to a Wi-Fi network.

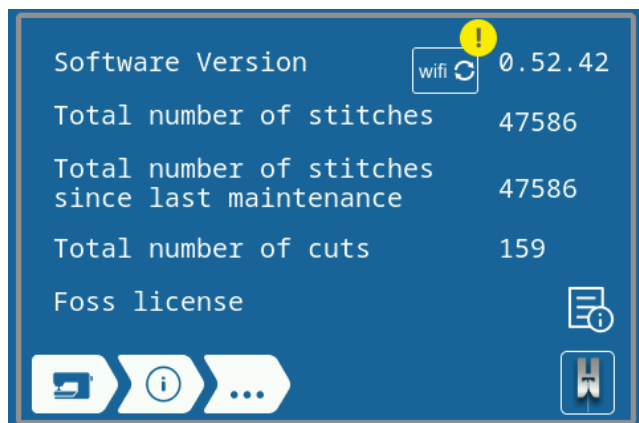
If an update is available, an exclamation mark will appear on the start page.



Installing Update

Settings  ► Machine  ► Information 
► Machine Data 

- Tap the **Update Firmware**  icon.



⇒ The firmware update is installed.

- ⇒ Once the firmware update has been successfully completed, the machine returns to the start page.

Reset Sewing Settings

Settings  ► Machine  ► Factory Setting 
► Reset Sewing Settings 

You can use the function **Reset Sewing Settings**  to reset all personal sewing settings saved on the machine to the factory settings.

Reset Embroidery Settings

Settings  ► Machine  ► Factory Setting 
► Reset Embroidery Settings 

You can use the function **Reset Embroidery Settings**  to reset all personal embroidery settings saved on the machine to the factory settings.

Reset Settings

Settings  ► Machine  ► Factory Setting 
► Reset Settings 

With the **Reset Settings**  function, you can reset all settings to the factory settings.

11.2 Machine

Maintenance Intervals

To ensure that your machine remains in perfect working order over the long term, bernette recommends regular maintenance and care.

The maintenance intervals depend largely on the following factors:

- Frequency of use of the machine
- Nature of the fabric used
- Number of Stitches
- Nature of the thread used

bernette recommends maintaining the machine after every 3 – 4 bobbins of thread have been sewn.

Task	Maintenance Interval	Measures
Cleaning the Machine	Regularly, depending on usage of the machine.	► Wipe down the surface of the machine and screen with a soft, slightly damp microfiber cloth.

11 Care and maintenance

Task	Maintenance Interval	Measures
Checking the Machine	Regularly, depending on usage of the machine.	1. Check the machine for external damage. 2. In case of damage, contact your BERNINA dealer.
Oiling the Needle Bar	■ If the machine is used frequently, every 6 months. ■ After a longer downtime of the machine. ■ If unusual noises are heard in the area around the needle bar.	▶ Oil the needle bar. [▶ see page 60]
Cleaning and Oiling the Bobbin Case	Regularly, depending on usage of the machine.	▶ Clean and oil the bobbin case. [▶ see page 61]
Cleaning the Needle Threader and Thread Clamp	Regularly, depending on usage of the machine.	▶ Clean the needle threader. [▶ see page 60]
Replacing the Needle	Regularly, depending on usage of the machine.	▶ Replace the needle. [▶ see page 19]
Update Firmware	As soon as a new version is available.	▶ Update the Firmware. [▶ see page 58]
Adjusting, Cleaning and Lubricating the Machine Components inside the Machine	■ For intensive use: Every year ■ For normal use: Every two years ■ If the relevant message is displayed.	▶ Contact your BERNINA dealer.

Maintenance Information

Settings  ► Machine  ► Information 
► Machine Data 

Number of Stitches

The notification **Total Number of Stitches** shows the number of stitches sewn with the machine.

Number of Thread Cuts / Next Cleaning

The display **Total number of cut cycles since cleaning** shows the number of thread cuts that the machine has performed.

Cleaning the Screen

1. Lock the screen.
2. Wipe down the screen with a soft, slightly damp microfiber cloth.

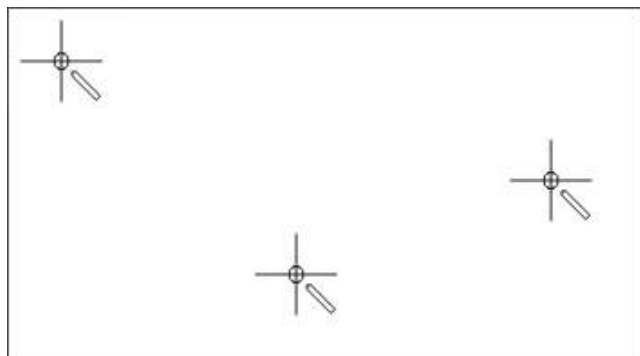
Calibrating the Screen

Calibrating the Screen

Settings  ► Machine  ► Calibrating the Screen 

With the **Calibrating the Screen**  function, you can calibrate the screen if it no longer responds properly to touch. Calibration ensures that the screen responds precisely to inputs.

- Tap the crosses displayed on the screen with the touchscreen pen.



Cleaning the Needle Threader and Thread Clamp

Lint can accumulate on the needle threader and prevent proper performance. It is recommended to clean the threader head regularly.

- Clean the threader and the thread clamp with a brush.

Oiling the Needle Bar

The needle bar may not move smoothly without lubrication.

CAUTION

Electronically driven components

Risk of injury near the needle bar.

- Switch off the machine and disconnect it from the power supply.

1. Switch the machine off.
2. Remove the protective cap and the screw.

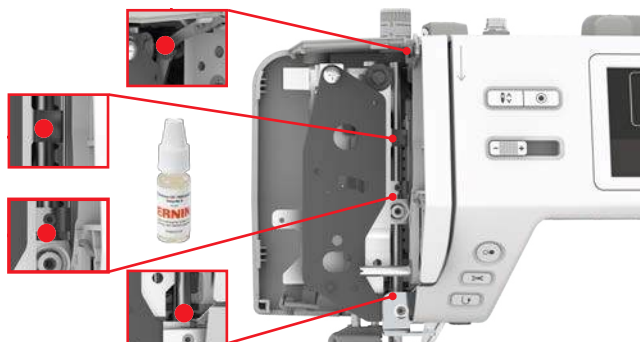


3. Remove the headframe cover.
 - ⇒ After removing the headframe cover, pay attention to the moving parts.



11 Care and maintenance

4. Apply a drop of oil to the movement mechanism of the needle bar, including the connecting rod/ needle bar, needle bar holder and needle bar holder (apply oil to the points marked with an arrow).



5. Remove the presser foot.
6. Turn the handwheel a few times and remove any excess oil with a cloth.
7. Attach the headframe cover again.

Cleaning/Oiling the Bobbin Case

⚠ CAUTION

Electronically driven components

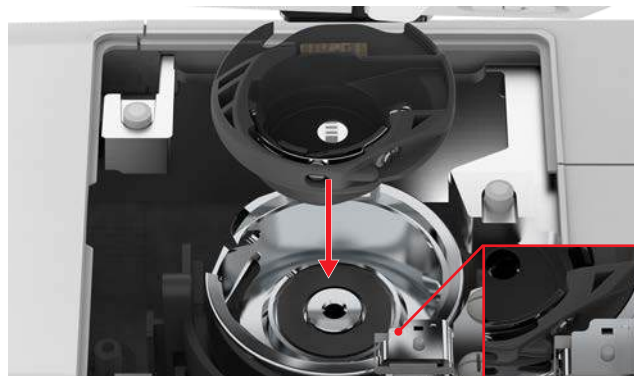
Risk of injury near the needle and the hook.

- Switch off the machine and disconnect it from the power supply.

1. Remove the presser foot sole and the needle .
[► see page 26], [► see page 19]
2. Remove the stitch plate. [► see page 17]
3. Remove the bobbin from the bobbin case.
4. Clean the bobbin case and the hook with a brush.



5. Insert the bobbin case into the hook.



6. Oil the felt of the bobbin case.
7. Clean the feed dog with a brush.



8. Fit the stitch plate.
9. Fit the needle and presser foot.

12 Storage and Disposal

12.1 Storing the Machine

bernette recommends storing the machine in its original packaging in a dry place at room temperature.

1. Switch off the machine and disconnect it from the power supply.
2. Clean the machine.
3. Don't store the machine outdoors.
4. Protect the machine against climatic influences.

12.2 Dispose of the machine

1. Delete personal data on the machine.
2. Sort components by material and dispose of in accordance with local laws and regulations.

The screen does not respond

Incorrect calibration data.	▶ Recalibrate the screen [▶ see page 60] ▶ If the calibration cannot be selected in the Setup Program, switch the machine on again while simultaneously pushing and holding the buttons Needle Position Left/Right .
Lock mode switched on.	▶ Tap the Lock  icon.
Screen is defective or not connected correctly.	▶ Contact your BERNINA dealer.
Wrong touchscreen pen.	▶ Use other touchscreen pen or finger.

Skipped Stitches

Incorrect needle.	▶ Use the needle system 130/705H.
The needle is blunt or bent.	▶ Replace the needle.
Poor quality needle.	▶ Use a new BERNINA quality needle.
The needle is incorrectly inserted.	▶ Insert the needle with the flat side to the back as far up as it will go into the needle holder and tighten the screw.
Incorrect needle point.	▶ Match the needle point with the textile structure of the project.
Incorrect needle/thread combination.	▶ Use a needle with a suitable needle size. [▶ see page 18]

Speed too Low

Room temperature is too warm or too cold.	▶ Place the machine in a warm room one hour before use.
Reduced maximum speed.	▶ Move the speed control to the right. ▶ Modify the maximum sewing speed in the Settings. [▶ see page 32] ▶ Modify the maximum embroidery speed in the Settings. [▶ see page 33]

The Machine doesn't Start

The machine is not connected to the power supply.	▶ Insert the mains plug into the socket and into the machine. Make sure that the plug is fully inserted into the machine. ▶ Check the socket for power.
---	--

The Machine doesn't Start

- | | |
|---|--|
| Room temperature is too warm or too cold. | <ul style="list-style-type: none"> ▶ Place the machine in a warm room one hour before use. ▶ Connect the machine and switch it on. |
| The machine is damaged. | <ul style="list-style-type: none"> ▶ Contact your BERNINA dealer. |

The needle breaks

- | | |
|-------------------------------------|--|
| The needle is incorrectly inserted. | <ul style="list-style-type: none"> ▶ Insert the needle with the flat side to the back as far up as it will go into the needle holder and tighten the screw. |
| The fabric has been pulled. | <ul style="list-style-type: none"> ▶ Feed the fabric evenly. |
| Thick fabric has been pushed. | <ul style="list-style-type: none"> ▶ Use the height compensation tool when sewing over a thick seam. |
| Knotted thread. | <ul style="list-style-type: none"> ▶ Use quality thread. |

The sewing light does not light up

- | | |
|-----------------------------|--|
| The sewing light is defect. | <ul style="list-style-type: none"> ▶ Have the sewing light replaced by a specialist dealer. |
|-----------------------------|--|

Faulty stitching

- | | |
|---|---|
| Thread remnants between the thread tension discs. | <ul style="list-style-type: none"> ▶ Pull a piece of thin fabric (use folded edge) through the thread tension discs several times. |
| Incorrectly threaded. | <ul style="list-style-type: none"> ▶ Rethread the upper and lower thread. |

Upper Thread is Not Threaded

- | | |
|--|--|
| The needle is incorrectly inserted. | <ul style="list-style-type: none"> ▶ Insert the needle with the flat side to the back as far up as it will go into the needle holder and tighten the screw. [▶ see page 19] |
| Needle or presser foot not compatible. | <ul style="list-style-type: none"> ▶ Follow the instructions for the needle threader. [▶ see page 20] |
| The threader head is defective. | <ul style="list-style-type: none"> ▶ Contact your BERNINA dealer. |

Upper thread breaks

- | | |
|--------------------------------------|--|
| Incorrect needle/thread combination. | <ul style="list-style-type: none"> ▶ Match the needle with the thread size. |
| Upper thread is too tight. | <ul style="list-style-type: none"> ▶ Reduce the upper thread tension. |

Upper thread breaks

Incorrectly threaded.	► Rethread the upper thread.
Poor quality thread.	► Use quality thread.
Damaged presser foot.	► Change the presser foot.
The stitch plate or the hook tip is damaged.	► Contact your BERNINA dealer to have the damages repaired. ► Replace the stitch plate.
The thread is caught in the area of the thread take-up lever.	► Remove the screw on the head cover. ► Pull the head cover at the bottom slightly forward. ► Tilt the head cover upward slightly and remove it. ► Remove the thread remnants. ► Attach the head cover and retighten the screw.
Needle damaged.	► Replace the needle.

Upper thread indicator fails to respond

The upper thread indicator is not switched on.	► Switch on the upper thread indicator in the Settings. [► see page 31]
The upper thread indicator is defective.	► Contact your BERNINA dealer.

Upper thread indicator reacts too frequently

Upper thread not threaded correctly.	► Thread the upper thread correctly. [► see page 20]
Upper thread tension too low.	► Adjust the upper thread tension. [► see page 35] [► see page 50]
The upper thread indicator is defective.	► Contact your BERNINA dealer.

Stitch plate not detected

Stitch Plate without sensor.	► Attach Stitch Plate with sensor.
Disturbance due to magnetic field.	► Remove magnetic accessories in the area of the stitch plate.

Stitch plate not detected

Sensor on the stitch plate defective.

- ▶ Contact your BERNINA dealer.

Embroidery hoop not recognized

Embroidery hoop fitted incorrectly.

- ▶ Fit the embroidery hoop straight on the embroidery arm of the embroidery module.

Defective Embroidery Hoop

- ▶ Contact your BERNINA dealer

Uneven Stitch Formation

Upper thread too tight or too loose.

- ▶ Adjust the upper thread tension. [▶ see page 35]
- ▶ Check the thread feed from the thread spool.

The needle is blunt or bent.

- ▶ Replace the needle, make sure that a new BERNINA quality needle is used. [▶ see page 19]

Poor quality needle.

- ▶ Use a new BERNINA quality needle.

Poor quality thread.

- ▶ Use quality thread.

Incorrect needle/thread combination.

- ▶ Match the needle with the thread size.

Incorrectly threaded.

- ▶ Rethread the upper thread. [▶ see page 20]
- ▶ Rethread the bobbin thread. [▶ see page 25]

The fabric has been pulled.

- ▶ Feed the fabric evenly.

Incorrect bobbin case is used.

- ▶ Use supplied bobbin case.

Lower thread too tight or too loose.

- ▶ Contact your BERNINA dealer.

Dust or thread remnants under the tension spring of the bobbin case

- ▶ Remove dust and thread remnants.

Lower thread breaks

The bobbin case is damaged.

- ▶ Replace the bobbin case.

The stitch hole in the stitch plate is damaged.

- ▶ Contact your BERNINA dealer to have the damages repaired.
- ▶ Replace the stitch plate. [▶ see page 17]

The needle is blunt or bent.

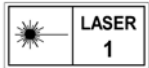
- ▶ Replace the needle. [▶ see page 19]

Bobbin thread Indicator doesn't react as expected

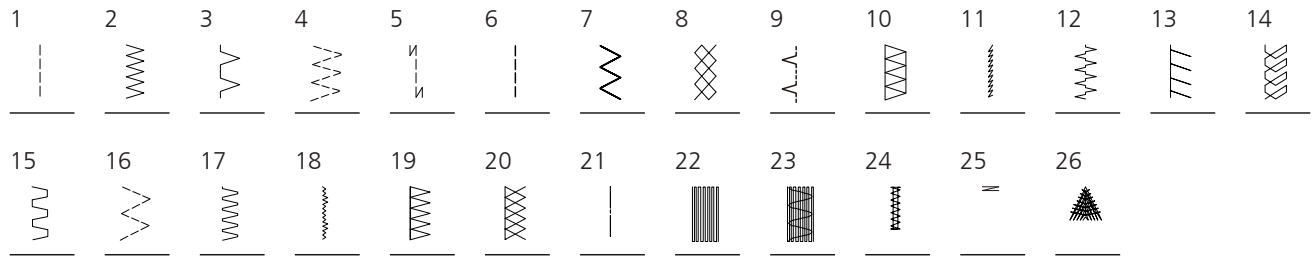
- | | |
|---|--|
| The bobbin thread indicator is not switched on. | ▶ Switch on the bobbin thread indicator in the Settings. [▶ see page 31] |
| The bobbin thread indicator is defective. | ▶ Contact your BERNINA dealer. |

Needle Threader Not Threading

- | | |
|---|--|
| The needle selected in the needle selection cannot be automatically threaded, e.g. twin needle. | ▶ Single Needle: Select the needle in the needle selection to match the attached needle. [▶ see page 19]
▶ Double and triple needles: Thread the needle by hand. |
| Automatic threading is not possible with the selected presser foot. | ▶ Attach the appropriate presser foot and select it in the presser foot selection. [▶ see page 26] |
| The needle is bent. | ▶ Replace the needle, make sure that a new BERNINA quality needle is used. [▶ see page 19] |
| The needle is incorrectly inserted. | ▶ Insert the needle with the flat side to the back as far up as it will go into the needle holder and tighten the screw. [▶ see page 19] |
| The needle threader is dirty. | ▶ Clean the needle threader. [▶ see page 60] |
| The threader mechanism is not in the correct position. | ▶ Check the position of the threader mechanism.
▶ If the needle threader is at the front, turn the needle threader slightly to the left until it is perpendicular to the machine head. If necessary, confirm the error message. Rethread the needle.
▶ If the needle threader is not at the front, place your finger below the needle threader and gently press the needle threader upward. Rethread the needle. |
| The threader head is defective. | ▶ Contact your BERNINA dealer. |

Term	Value	Unit
Maximum Speed	800	Stitches per Minute
Needle System	130/705	
Measurements without the Spool Pin (W × H × D)	450 × 190 × 300 (17.7 × 7.5 × 11.8)	mm (in)
Measurements incl. Embroidery Module without Spool Pin (W × H × D)	622 × 396 × 300 (24.5 × 15.6 × 11.7)	mm (in)
Weight of the machine	7.01 (15.45)	kg (lb)
Weight of the Embroidery Module	3.2 7	kg (lb)
Energy Consumption	60	W
Input Voltage	100 – 240 50/60	V Hz
WiFi Frequency Band WiFi Protocol	2.4 802.11 b/g/n	GHz
Power Output (802.11 b)	20.5	dBm
Power Output (802.11 g)	20	dBm
Power Output (802.11 n)	19	dBm
Wi-Fi Encryption	WPA2-PSK	
Network Port for Mobile Applications	Port 18859	
Laser Class (according to IEC 60825-1:2014)		
Protection Class (Electrical Engineering)	II	

15.1 Practical Stitches



15.2 Decorative Stitches

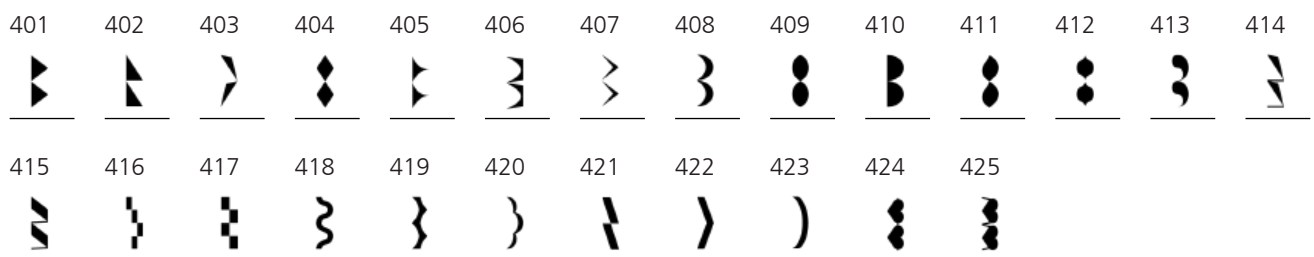
Nature



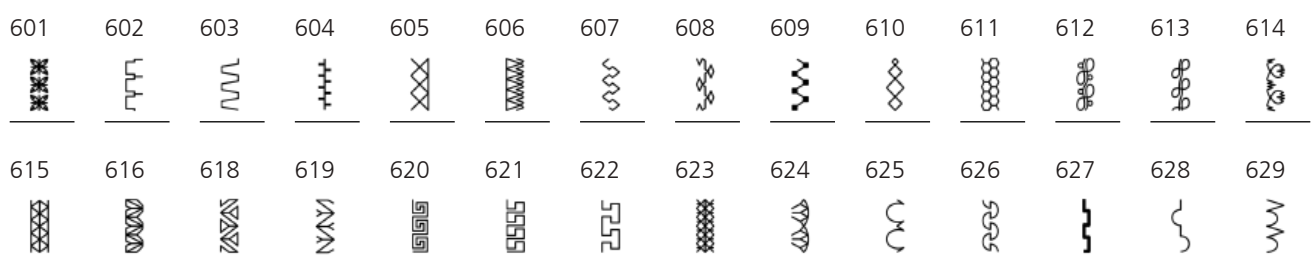
Cross Stitches



Satin



Geometric



15 Stitch Patterns

70

630	631	632	633	634	635	636	637	638	639	643	644	645
												

Heirloom

701	702	703	704	705	706	707	708	709	710	711	712	713	714
													
715	716	717											
													

Children

901	903	904	905	906	907	908	909	910	911	912	913	914	915
													
916													
													

Filigree Sideways Motion

1201	1202	1203
		

Seasons

2001	2002	2003	2004	2005	2006	2007
						

15.3 Buttonholes

51	53	54	55	56	57	58	59	60	61	62	64	71
												

15.4 Quilt Stitches

1301	1302	1303	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315
													
1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329
													
1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343
													
1345	1346	1347	1348	1349	1350	1351							
													

16 Embroidery Designs

72



Let your creativity run free. A large selection of embroidery designs is included with your machine.

After registering your machine, the included embroidery designs are available as downloads in an editable format at the BERNINA Customer Portal.

If you see one of the following pictograms below a number of the embroidery design, you can find additional information at

<https://www.bernina.com/specialeffects>.



Freestanding
Lace



PunchWork



Basic CutWork



Couching



Fringe
Embroidery



Projects in the
Hoop



Appliqué



Puffy Fonts



CutWork



Quilting



PaintWork



Trapunto



CrystalWork

16.1 CutWork



**bernina_001_flow
er**

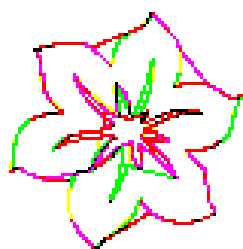


78 x 80 mm
3.1 x 3.2 inch



2.934

1. Cut 0001
2. Cut 0002
3. Cut 0003
4. Cut 0004



**bernina_012_fisht
rivet**



116 x 151 mm
4.6 x 5.9 inch



4.005

1. Isacord 40 1304
2. Cut 0001
3. Cut 0002
4. Cut 0003
5. Cut 0004



bernina_015_heart

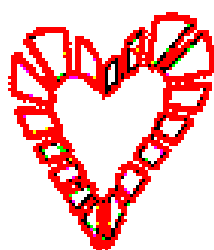


96 x 110 mm
3.8 x 4.4 inch



6.985

1. Isacord 40 1304
2. Cut 0001
3. Cut 0002
4. Cut 0003
5. Cut 0004
6. Isacord 40 1304



10_01_cm594_48

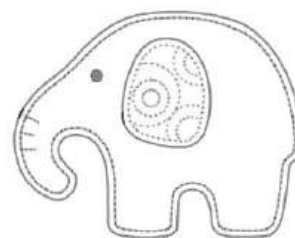


96 x 76 mm
3.8 x 3 inch



1.275

1. Isacord 40 0020
2. Isacord 40 1972
3. Isacord 40 0020
4. Isacord 40 2171
5. Isacord 40 0111



**10_02_cm594_48_
cwa01**



91 x 110 mm
3.6 x 4.3 inch



1.187

1. Isacord 40 3600
2. Isacord 40 1902
3. Cut 0001
4. Cut 0002
5. Cut 0003
6. Cut 0004



**10_03_cm594_48_
cwa02**

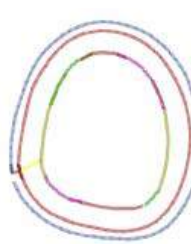


43 x 50 mm
1.7 x 2 inch



408

1. Isacord 40 3600
2. Isacord 40 1902
3. Cut 0001
4. Cut 0002
5. Cut 0003
6. Cut 0004



16 Embroidery Designs

73

10_04_fs344_48

 94 x 101 mm
3.7 x 4 inch

 7.228

1.  Isacord 40 1172
2.  Isacord 40 6051
3.  Isacord 40 0763
4.  Isacord 40 4740



10_05_fs345_48

 93 x 105 mm
3.6 x 4.1 inch

 10.907

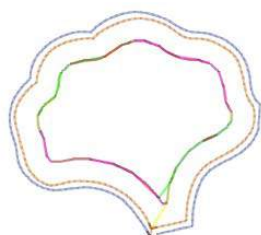
1.  Isacord 40 1172
2.  Isacord 40 6051
3.  Isacord 40 0020
4.  Isacord 40 4174
5.  Isacord 40 0763
6.  Isacord 40 4740


 10_06_fs345_48_c
wa

 81 x 72 mm
3.2 x 2.8 inch

 722

1.  Isacord 40 3600
2.  Isacord 40 1200
3.  Cut 0001
4.  Cut 0002
5.  Cut 0003
6.  Cut 0004


 Fb457_48_1

 108 x 83 mm
4.2 x 3.3 inch

 4.601

1.  Isacord 40 0020
2.  Cut 0001
3.  Cut 0002
4.  Cut 0003
5.  0004, Isa:1172


 12398-35_2

 52 x 174 mm
2 x 6.9 inch

 18.616

1.  Applique 1
- 2.
- 3.
4.  Cut 0001
5.  Cut 0002
6.  Cut 0003
7.  Cut 0004
8.  Isacord 40 0870


 12398-36_2

 90 x 90 mm
3.5 x 3.5 inch

 12.681

1.  Applique 1
- 2.
- 3.
4.  Cut 0001
5.  Cut 0002
6.  Cut 0003
7.  Cut 0004
8.  Isacord 40 0870


 Hydrangea

 113 x 162 mm
4.4 x 6.4 inch

 36.815

1.  Isacord 40 5220
2.  Isacord 40 0270
3.  Isacord 40 5934
4.  Isacord 40 5552
5.  Isacord 40 3962
6.  Isacord 40 3750
7.  Isacord 40 3962
8.  Isacord 40 3906
9.  Isacord 40 3761
10.  Isacord 40 4113
11.  Isacord 40 3815
12.  Isacord 40 3631
13.  Isacord 40 0003
14.  Cut 0001
15.  Cut 0002
16.  Cut 0003
17.  Cut 0004



Winterberries

 119 x 155 mm
4.7 x 6.1 inch

 11.405

1.  Isacord 40 0672
2.  Isacord 40 2222
3.  Isacord 40 1123



16 Embroidery Designs

74

16.2 Decoration

12611-08
 80 x 120 mm
3.1 x 4.7 inch

 5.770

1.  Applique 1
2.  Applique 2
3.  Applique 1
4.  Applique 2
5.  Isacord 40 1154
6.  Isacord 40 5440
7.  Isacord 40 1902


**01_08_12535-03_1
_sized**
 155 x 116 mm
6.1 x 4.6 inch

 7.191

1.  Isacord 40 4220
2.  Isacord 40 1532
3.  Isacord 40 0105
4.  Isacord 40 1060


ck725_1
 98 x 90 mm
3.9 x 3.6 inch

 13.778

1.  Isacord 40 2655
2.  Isacord 40 2830
3.  Isacord 40 3910


fl427_1
 87 x 34 mm
3.4 x 1.4 inch

 2.455

1.  Isacord 40 0600
2.  Isacord 40 1800
3.  Isacord 40 3543
4.  Isacord 40 1304
5.  Isacord 40 0020
6.  Isacord 40 5415


21021-05
 119 x 156 mm
4.7 x 6.1 inch

 14.326

1.  Isacord 40 1252
2.  Isacord 40 1161
3.  Isacord 40 1565


12383-18
 91 x 171 mm
3.6 x 6.7 inch

 5.182

1.  Isacord 40 4174


fl378_1
 70 x 89 mm
2.8 x 3.5 inch

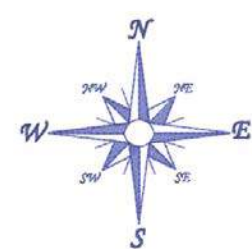
 5.187

1.  Isacord 40 0015
2.  Isacord 40 3840
3.  0311
4.  Isacord 40 3040
5.  Isacord 40 3040
6.  Isacord 40 5610
7.  Isacord 40 3600
8.  Isacord 40 0020


Na614
 102 x 101 mm
4 x 4 inch

 2.867

1.  Isacord 40 3543


Na241
 84 x 91 mm
3.3 x 3.6 inch

 4.323

1.  Isacord 40 1551
2.  Isacord 40 1521
3.  Isacord 40 0020
4.  Isacord 40 2506
5.  Isacord 40 2520
6.  Isacord 40 0132


51236-07
 119 x 166 mm
4.7 x 6.5 inch

 25.645

1.  Isacord 40 0015
2.  Isacord 40 0108
3.  Isacord 40 0105
4.  Isacord 40 0702
5.  Isacord 40 0800
6.  Isacord 40 0020



16 Embroidery Designs

75

16.3 Children

puppy_2

 99 x 77 mm
3.9 x 3 inch

 12.076

1.  Isacord 40 5513
2.  Isacord 40 2155
3.  Isacord 40 0660
4.  Isacord 40 5650
5.  Isacord 40 5531
6.  Isacord 40 0832
7.  Isacord 40 1055
8.  Isacord 40 0101
9.  Isacord 40 3910
10.  Isacord 40 0853
11.  Isacord 40 1172
12.  Isacord 40 1565
13.  Isacord 40 0520
14.  Isacord 40 3962
15.  Isacord 40 3810



Cm031_48

 86 x 64 mm
3.4 x 2.5 inch

 6.433

1.  Isacord 40 5730
2.  Isacord 40 1352
3.  Isacord 40 1755
4.  Isacord 40 1730
5.  Isacord 40 3820
6.  Isacord 40 3040



Cm022

 89 x 97 mm
3.5 x 3.8 inch

 10.323

1.  Isacord 40 0532
2.  Isacord 40 5730
3.  Isacord 40 1730
4.  Isacord 40 0015
5.  Isacord 40 1352
6.  Isacord 40 2920
7.  Isacord 40 5531
8.  Isacord 40 3040



04_14_nz612

 96 x 100 mm
3.8 x 3.9 inch

 8.194

1.  Isacord 40 3045
2.  Isacord 40 2532
3.  Isacord 40 2170



04_15_nz613

 103 x 84 mm
4.1 x 3.3 inch

 7.271

1.  Isacord 40 3410
2.  Isacord 40 3963



Ck970

 85 x 82 mm
3.3 x 3.2 inch

 16.571

1.  Isacord 40 0151
2.  Isacord 40 0152
3.  Isacord 40 0124
4.  Isacord 40 0131
5.  Isacord 40 3150
6.  Isacord 40 2830
7.  Isacord 40 3040
8.  Isacord 40 3640
9.  Isacord 40 3710
10.  Isacord 40 2051
11.  Isacord 40 1725
12.  Isacord 40 3743
13.  Isacord 40 0015
14.  Isacord 40 3743



Cm198_48

 96 x 106 mm
3.8 x 4.2 inch

 7.941

1.  Isacord 40 1840
2.  Isacord 40 2220
3.  Isacord 40 0640
4.  Isacord 40 4230
5.  Isacord 40 2160
6.  Isacord 40 1840
7.  Isacord 40 2171
8.  Isacord 40 2764



Ck867

 122 x 133 mm
4.8 x 5.2 inch

 28.880

1.  Applique 1
2.  Applique 2
3.  Applique 3
4.  Isacord 40 5730
5.  Isacord 40 2761
6.  Isacord 40 0630
7.  Isacord 40 3910
8.  Isacord 40 0015
9.  Isacord 40 0811
10.  Isacord 40 2830
11.  Isacord 40 4174
12.  Isacord 40 1701
13.  Isacord 40 3722
14.  Isacord 40 0015
15.  Isacord 40 1430



16 Embroidery Designs

76

09_05_cm211_48

80 x 71 mm
3.2 x 2.8 inch

6.983

1. Isacord 40 1140
2. Isacord 40 1123
3. Isacord 40 0822
4. Isacord 40 1140
5. Isacord 40 0970
6. Isacord 40 2155
7. Isacord 40 0020
8. Isacord 40 0731



Ck516

75 x 70 mm
3 x 2.8 inch

10.710

1. Isacord 40 0020
2. Isacord 40 0142
3. Isacord 40 3901
4. Yenmet 7000
5. Isacord 40 0824
6. Isacord 40 0605
7. Isacord 40 3743



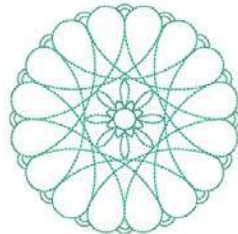
16.4 Quilting

12499-06

102 x 102 mm
4 x 4 inch

3.838

1. Isacord 40 5115



12416-04

89 x 89 mm
3.5 x 3.5 inch

3.482

1. Isacord 40 0721



82013-32

122 x 105 mm
4.8 x 4.1 inch

4.506

1. Isacord 40 2920

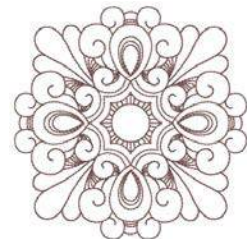


12380-43

123 x 123 mm
4.9 x 4.9 inch

8.248

1. Isacord 40 1543



12380-22

110 x 61 mm
4.4 x 2.4 inch

2.487

1. Isacord 40 1543

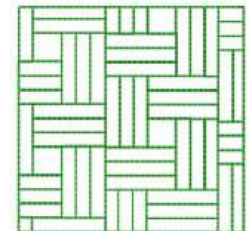


Nb346_48

76 x 76 mm
3 x 3 inch

3.366

1. Isacord 40 5513

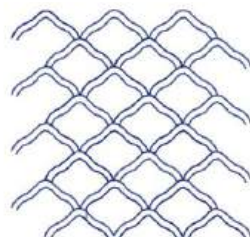


Nz509

99 x 94 mm
3.9 x 3.7 inch

1.835

1. Isacord 40 3353

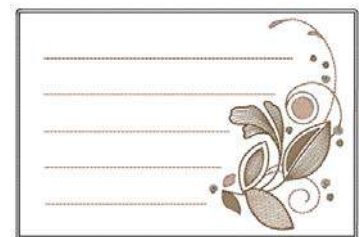


12621-05

155 x 104 mm
6.1 x 4.1 inch

5.811

1. Isacord 40 0015
2. Isacord 40 0015
3. Isacord 40 0933
4. Isacord 40 1252
5. Isacord 40 1252
6. Isacord 40 0015



16 Embroidery Designs

77

12499-2964 x 64 mm
2.5 x 2.5 inch

2.656

1.  Isacord 40 5610



16.5 Borders

21013-2940 x 152 mm
1.6 x 6 inch

7.569

1.  Isacord 40 4332

**21013-30**76 x 76 mm
3 x 3 inch

5.519

1.  Isacord 40 4332

**12508-08**40 x 151 mm
1.6 x 5.9 inch

7.102

1.  Isacord 40 0352
2.  Isacord 40 4752
3.  Isacord 40 0124

**21027-16**57 x 152 mm
2.3 x 6 inch

4.222

1.  Isacord 40 1805
2.  Isacord 40 2520
3.  Isacord 40 2721
4.  Isacord 40 5100
5.  Isacord 40 0506
6.  Isacord 40 5115
7.  Isacord 40 4114
8.  Isacord 40 5115
9.  Isacord 40 1805

**21027-17**57 x 152 mm
2.3 x 6 inch

4.179

1.  Isacord 40 1805
2.  Isacord 40 2723
3.  Isacord 40 2520
4.  Isacord 40 5100
5.  Isacord 40 0506
6.  Isacord 40 4103
7.  Isacord 40 4114
8.  Isacord 40 5115
9.  Isacord 40 1805

**Na914_48**19 x 120 mm
0.7 x 4.7 inch

4.691

1.  Isacord 40 3151
2.  Isacord 40 3251
3.  Isacord 40 3150

**12633-20**34 x 170 mm
1.4 x 6.7 inch

12.897

1. Isacord 40 0015

**Bc01512**18 x 148 mm
0.7 x 5.8 inch

4.359

1.  Isacord 40 0152
2.  Isacord 40 4174



16 Embroidery Designs

78

Bc01513



79 x 71 mm
3.1 x 2.8 inch



3.508

1. Isacord 40 0152
2. Isacord 40 4174



Bc01529



134 x 34 mm
5.3 x 1.4 inch



8.660

1. Isacord 40 0152
2. Isacord 40 4174



Bc01527



80 x 80 mm
3.1 x 3.1 inch



9.649

1. Isacord 40 0152
2. Isacord 40 4174



16.6 Flowers

80001-23



85 x 102 mm
3.4 x 4 inch



4.257

1. Isacord 40 1102
2. Isacord 40 1805
3. Isacord 40 6011
4. Isacord 40 4174



80009-17



86 x 130 mm
3.4 x 5.1 inch



6.582

1. Isacord 40 5934
2. Isacord 40 5866
3. Isacord 40 5934



32198-04



80 x 76 mm
3.1 x 3 inch



7.070

1. Isacord 40 1703
2. Isacord 40 1902



11_04_fb062



60 x 91 mm
2.4 x 3.6 inch



5.425

1. Isacord 40 2101
2. Isacord 40 5335
3. Isacord 40 2550
4. Isacord 40 2320
5. Isacord 40 1704
6. Isacord 40 3710
7. Isacord 40 3820
8. Isacord 40 5210
9. Isacord 40 0311



Fl171



70 x 89 mm
2.7 x 3.5 inch



11.783

1. Isacord 40 5100
2. Isacord 40 5100
3. Isacord 40 5326
4. Isacord 40 2600
5. Isacord 40 3040



Bc01532



114 x 140 mm
4.5 x 5.5 inch



17.955

1. Isacord 40 0152
2. Isacord 40 0108
3. Isacord 40 4174



16 Embroidery Designs

79

rc351_1

76 x 87 mm
3 x 3.4 inch

6.399

1. Isacord 40 0932
2. Isacord 40 0934
3. Isacord 40 1346



12_flowers_1

79 x 87 mm
3.1 x 3.4 inch

12.581

1. Isacord 40 0015
2. Isacord 40 3820
3. Isacord 40 3641
4. Isacord 40 3600
5. Isacord 40 0506
6. Isacord 40 5822
7. Isacord 40 5833
8. Isacord 40 0853



aster_1

72 x 89 mm
2.8 x 3.5 inch

8.538

1. Isacord 40 5912
2. Isacord 40 3150
3. Isacord 40 3151
4. Isacord 40 0702
5. Isacord 40 5822
6. Isacord 40 1010



bd176_1

91 x 127 mm
3.6 x 5 inch

3.663

1. Isacord 40 2550
2. Isacord 40 2600
3. Isacord 40 5415
4. Isacord 40 3910
5. Isacord 40 2550
6. Isacord 40 2600
7. Isacord 40 3900
8. Isacord 40 2711
9. Isacord 40 3541
10. Isacord 40 0800
11. Isacord 40 0311
12. Isacord 40 1304
13. Isacord 40 0853



16.7 Animals

Wp325

78 x 94 mm
3.1 x 3.7 inch

14.796

1. Isacord 40 0101
2. Isacord 40 1860
3. Isacord 40 0552
4. Isacord 40 0124
5. Isacord 40 0851
6. Isacord 40 0761
7. Isacord 40 0832
8. Isacord 40 0853
9. Isacord 40 0934
10. Isacord 40 0945
11. Isacord 40 1876
12. Isacord 40 0131
13. Isacord 40 0111
14. Isacord 40 0020



82005-01

176 x 109 mm
6.9 x 4.3 inch

13.171

1. Applique 1
2. Applique 3
3. Isacord 40 2830
4. Isacord 40 0851
5. Isacord 40 0870
6. Isacord 40 5822
7. Isacord 40 1753
8. Isacord 40 2711
9. Isacord 40 0851
10. Applique 1
11. Applique 3
12. Isacord 40 2711
13. Isacord 40 0851



turtle_2

96 x 109 mm
3.8 x 4.3 inch

21.948

1. Isacord 40 5531
2. Isacord 40 5513
3. Isacord 40 5613
4. Isacord 40 0352
5. Isacord 40 6133
6. Isacord 40 4174
7. Isacord 40 0101
8. Isacord 40 3815
9. Isacord 40 5326
10. Isacord 40 5555
11. Isacord 40 1335
12. Isacord 40 1800
13. Isacord 40 1840
14. Isacord 40 0020
15. Isacord 40 0142
16. Isacord 40 0015



wo859_1

74 x 130 mm
2.9 x 5.1 inch

16.925

1. Isacord 40 5610
2. Isacord 40 0221
3. Isacord 40 1102
4. Isacord 40 4620
5. Isacord 40 1703
6. Isacord 40 1102
7. Isacord 40 3600
8. Isacord 40 0933
9. Isacord 40 0702
10. Isacord 40 0940
11. Isacord 40 0345
12. Isacord 40 1114



16 Embroidery Designs

80

wp192_48_1



99 x 81 mm
3.9 x 3.2 inch



14.868

1. Isacord 40 2166
2. Isacord 40 0832
3. Isacord 40 0941
4. Isacord 40 0132
5. Isacord 40 0101
6. Isacord 40 0142
7. Isacord 40 0020
8. Isacord 40 5822
9. Isacord 40 0713
10. Isacord 40 0853



11. Isacord 40 1840

12530-02



115 x 134 mm
4.5 x 5.3 inch



30.601

1. Isacord 40 0851
2. Isacord 40 1140
3. Isacord 40 0842
4. Isacord 40 0922
5. Isacord 40 0932
6. Isacord 40 1154
7. Isacord 40 4174
8. Isacord 40 0111
9. Isacord 40 0020
10. Isacord 40 4073



11. Isacord 40 0771

Wp414_48



116 x 155 mm
4.6 x 6.1 inch



16.419

1. Isacord 40 0142
2. Isacord 40 0922
3. Isacord 40 2152
4. Isacord 40 0020



Wp217



94 x 78 mm
3.7 x 3.1 inch



7.444

1. Isacord 40 0101
2. Isacord 40 4174
3. Isacord 40 0020
4. Isacord 40 0651
5. Isacord 40 0152
6. Isacord 40 0873
7. Isacord 40 0861
8. Isacord 40 0660
9. Isacord 40 0934
10. Isacord 40 5822



11. Isacord 40 1725

Fq624



64 x 144 mm
2.5 x 5.7 inch



4.429

1. Yenmet 7029
2. Isacord 40 3820
3. Isacord 40 2530
4. Isacord 40 1102
5. Isacord 40 4410
6. Isacord 40 5610
7. Isacord 40 5822
8. Isacord 40 2152
9. Isacord 40 0713



51255-03

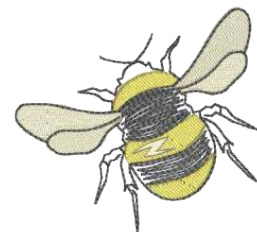


80 x 75 mm
3.2 x 2.9 inch



6.458

1. Isacord 40 0660
2. Isacord 40 0506
3. Isacord 40 4174
4. Isacord 40 0660



16.8 Seasons

He252



88 x 145 mm
3.5 x 5.7 inch



12.251

1. Isacord 40 1902
2. Isacord 40 1701
3. Isacord 40 1902
4. Isacord 40 0532
5. Isacord 40 0842
6. Isacord 40 0532
7. Isacord 40 0842
8. Isacord 40 1902
9. Isacord 40 0651
10. Isacord 40 1123
11. Isacord 40 5220
12. Isacord 40 5210
13. Isacord 40 5422
14. Isacord 40 0101
15. Isacord 40 1430
16. Isacord 40 1725
17. Isacord 40 0520
18. Isacord 40 0824
19. Isacord 40 3910
20. Isacord 40 3650
21. Isacord 40 3910
22. Isacord 40 1902
23. Isacord 40 3650
24. Isacord 40 1123
25. Isacord 40 5324
26. Isacord 40 1154



06_25_he179



89 x 95 mm
3.5 x 3.8 inch



15.887

1. Isacord 40 3265
2. Isacord 40 0003
3. Isacord 40 3820
4. Isacord 40 3963
5. Isacord 40 2910
6. Isacord 40 2723
7. Isacord 40 2170
8. Isacord 40 3820
9. Isacord 40 1102
10. Isacord 40 0506
11. Isacord 40 2170
12. Isacord 40 1921
13. Isacord 40 3265
14. Isacord 40 3572
15. Isacord 40 3963



16 Embroidery Designs

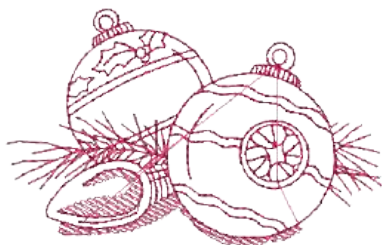
81

hd380_1

99 x 62 mm
3.9 x 2.5 inch

3.249

1. Isacord 40 1911



hd253_1

80 x 126 mm
3.2 x 5 inch

7.280

1. Isacord 40 5912
2. Isacord 40 2520
3. Isacord 40 3910
4. Isacord 40 0015
5. Isacord 40 5100
6. Isacord 40 4410
7. Isacord 40 1900



he900_48_1

110 x 116 mm
4.4 x 4.6 inch

13.000

1. Isacord 40 2241
2. Isacord 40 1912
3. Isacord 40 3040
4. Isacord 40 5822
5. Isacord 40 5833
6. Isacord 40 0630
7. Isacord 40 0700



nb977_48

105 x 123 mm
4.1 x 4.9 inch

8.458

1. Isacord 40 0020
2. Isacord 40 4174
3. Isacord 40 0020
4. Isacord 40 4174
5. Isacord 40 1730
6. Isacord 40 6141
7. Isacord 40 5730



rc403_1

100 x 90 mm
3.9 x 3.5 inch

5.622

1. Isacord 40 1800
2. Isacord 40 0020
3. Isacord 40 0704
4. Isacord 40 3900
5. Isacord 40 1304



fq748_48_1

81 x 131 mm
3.2 x 5.1 inch

10.116

1. Isacord 40 0721
2. Isacord 40 1252
3. Isacord 40 1335
4. Isacord 40 1114
5. Isacord 40 5664



Cm287_48

90 x 117 mm
3.6 x 4.6 inch

18.749

1. Isacord 40 0870
2. Isacord 40 1172
3. Isacord 40 0934
4. Isacord 40 1755
5. Isacord 40 0020
6. Isacord 40 5531
7. Isacord 40 5610
8. Isacord 40 5722
9. Isacord 40 2550
10. Isacord 40 0015
11. Isacord 40 0713
12. Isacord 40 1840
13. Isacord 40 1921
14. Isacord 40 2241



12655-14

164 x 110 mm
6.4 x 4.4 inch

16.122

1. Isacord 40 1115
2. Isacord 40 1055



16.9 Sport and Hobbies

Lt604

89 x 92 mm
3.5 x 3.6 inch

6.082

1. Isacord 40 0020
2. Isacord 40 1900
3. Isacord 40 4101
4. Isacord 40 4515



Sr589

95 x 66 mm
3.7 x 2.6 inch

14.868

1. Isacord 40 0142
2. Isacord 40 1220
3. Isacord 40 1332
4. Isacord 40 1334
5. Isacord 40 3611
6. Isacord 40 1800
7. Isacord 40 0015
8. Isacord 40 4174



16 Embroidery Designs

82

Sp989

102 x 82 mm
4 x 3.2 inch

10.827

1. ■ Isacord 40 4174
2. ■ Isacord 40 0142
3. ■ Isacord 40 3901
4. ■ Isacord 40 3962
5. ■ Isacord 40 0506
6. ■ Isacord 40 0520
7. ■ Isacord 40 0020



sr718_1

82 x 99 mm
3.2 x 3.9 inch

11.692

1. ■ Isacord 40 0015
2. ■ Isacord 40 3750
3. ■ Isacord 40 3323
4. ■ Isacord 40 0015
5. ■ Isacord 40 3910
6. ■ Isacord 40 1760
7. ■ Isacord 40 0713
8. ■ Isacord 40 1304
9. ■ Isacord 40 1800
10. ■ Isacord 40 2123
11. ■ Isacord 40 0020
12. ■ Isacord 40 0111

08_07_12677-01_s
ized117 x 115 mm
4.6 x 4.5 inch

11.619

1. ■ Applique 1
2. ■ Applique 3
3. ■ Applique 1
4. ■ Applique 3
5. ■ Applique 1
6. ■ Applique 3
7. ■ Applique 1
8. ■ Applique 3
9. ■ Applique 1
10. ■ Applique 3
11. ■ Applique 1
12. ■ Applique 3
13. ■ Applique 1
14. ■ Applique 3
15. ■ Isacord 40 1060
16. ■ Isacord 40 0131
17. ■ Isacord 40 0003
18. ■ Isacord 40 0741
19. ■ Isacord 40 3910
20. ■ Isacord 40 1220



Be790608

80 x 80 mm
3.2 x 3.1 inch

7.937

1. ■ Isacord 40 0020

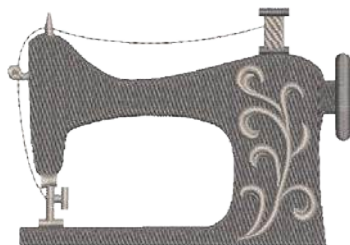


12582-01

112 x 78 mm
4.4 x 3.1 inch

10.274

1. ■ Isacord 40 4174
2. ■ Isacord 40 4073



Rc514

74 x 99 mm
2.9 x 3.9 inch

15.603

1. ■ Isacord 40 1172
2. ■ Isacord 40 0842
3. ■ Isacord 40 0651
4. ■ Isacord 40 0821
5. ■ Isacord 40 0941
6. ■ Isacord 40 0101
7. ■ Isacord 40 0640
8. ■ Isacord 40 3910
9. ■ Isacord 40 4103
10. ■ Isacord 40 3522
11. ■ Isacord 40 0842



12472-06

138 x 156 mm
5.4 x 6.1 inch

18.031

1. ■ Isacord 40 5610
2. ■ Isacord 40 2504
3. ■ Isacord 40 4240
4. ■ Isacord 40 3901
5. ■ Isacord 40 0015
6. ■ Isacord 40 0015
7. ■ Isacord 40 0131
8. ■ Isacord 40 0020
9. ■ Isacord 40 1300
10. ■ Isacord 40 5610
11. ■ Isacord 40 4240
12. ■ Isacord 40 3901
13. ■ Isacord 40 2504

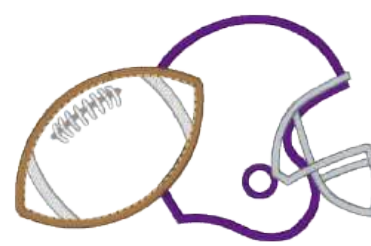


12572-04

137 x 85 mm
5.4 x 3.4 inch

7.238

1. ■ Isacord 40 3323
2. ■ Isacord 40 3323
3. ■ Isacord 40 3323
4. ■ Isacord 40 0105
5. ■ Isacord 40 1055
6. ■ Isacord 40 1055
7. ■ Isacord 40 0015
8. ■ Isacord 40 1055
9. ■ Isacord 40 1123



16 Embroidery Designs

16.10 Monograms 1

12707-27_small

39 x 40 mm
1.6 x 1.6 inch

1.128

1.  Isacord 40 0020

12707-28_small

40 x 40 mm
1.6 x 1.6 inch

1.459

1.  Isacord 40 0020

12707-29_small

31 x 40 mm
1.2 x 1.6 inch

956

1.  Isacord 40 0020

12707-30_small

43 x 40 mm
1.7 x 1.6 inch

1.377

1.  Isacord 40 0020

12707-31_small

33 x 40 mm
1.3 x 1.6 inch

1.247

1.  Isacord 40 0020

12707-32_small

44 x 40 mm
1.7 x 1.6 inch

1.414

1.  Isacord 40 0020

12707-33_small

25 x 40 mm
1 x 1.6 inch

1.243

1.  Isacord 40 0020

12707-34_small

46 x 40 mm
1.8 x 1.6 inch

1.749

1.  Isacord 40 0020

12707-35_small

31 x 40 mm
1.2 x 1.6 inch

1.020

1.  Isacord 40 0020

12707-36_small

27 x 40 mm
1 x 1.6 inch

1.093

1.  Isacord 40 0020

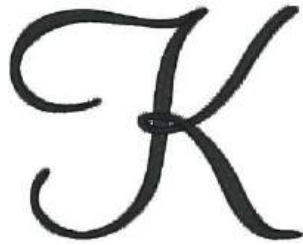
16 Embroidery Designs

12707-37_small

50 x 40 mm
2 x 1.6 inch

1.618

1. ■ Isacord 40 0020



12707-38_small

39 x 40 mm
1.5 x 1.6 inch

1.387

1. ■ Isacord 40 0020



12707-39_small

44 x 40 mm
1.7 x 1.6 inch

1.312

1. ■ Isacord 40 0020



12707-40_small

53 x 40 mm
2.1 x 1.6 inch

1.171

1. ■ Isacord 40 0020



12707-41_small

29 x 40 mm
1.1 x 1.6 inch

1.056

1. ■ Isacord 40 0020



12707-42_small

41 x 40 mm
1.6 x 1.6 inch

1.239

1. ■ Isacord 40 0020



12707-43_small

42 x 40 mm
1.7 x 1.6 inch

1.237

1. ■ Isacord 40 0020

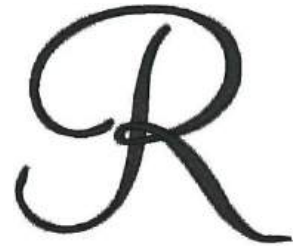


12707-44_small

47 x 40 mm
1.8 x 1.6 inch

1.485

1. ■ Isacord 40 0020



12707-45_small

31 x 40 mm
1.2 x 1.6 inch

1.210

1. ■ Isacord 40 0020

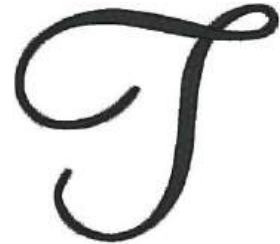


12707-46_small

45 x 40 mm
1.8 x 1.6 inch

1.227

1. ■ Isacord 40 0020



16 Embroidery Designs

85

12707-47_small

33 x 40 mm
1.3 x 1.6 inch

1.069

1. ■ Isacord 40 0020



12707-48_small

50 x 40 mm
2 x 1.6 inch

1.102

1. ■ Isacord 40 0020



12707-49_small

57 x 40 mm
2.2 x 1.6 inch

1.604

1. ■ Isacord 40 0020



12707-50_small

47 x 40 mm
1.8 x 1.6 inch

1.080

1. ■ Isacord 40 0020



12707-51_small

30 x 40 mm
1.2 x 1.6 inch

1.289

1. ■ Isacord 40 0020



12707-52_small

48 x 40 mm
1.9 x 1.6 inch

1.364

1. ■ Isacord 40 0020



16.11 Monograms 2

12707-27_large

76 x 78 mm
3 x 3.1 inch

2.148

1. ■ Isacord 40 0020



12707-28_large

77 x 78 mm
3 x 3.1 inch

2.819

1. ■ Isacord 40 0020



12707-29_large

61 x 78 mm
2.4 x 3.1 inch

1.837

1. ■ Isacord 40 0020



12707-30_large

83 x 78 mm
3.3 x 3.1 inch

2.653

1. ■ Isacord 40 0020



16 Embroidery Designs

12707-31_large

63 x 78 mm
2.5 x 3.1 inch

2.355

1.  Isacord 40 0020

12707-32_large

86 x 78 mm
3.4 x 3.1 inch

2.699

1.  Isacord 40 0020

12707-33_large

48 x 78 mm
1.9 x 3.1 inch

2.360

1.  Isacord 40 0020

12707-34_large

90 x 78 mm
3.6 x 3.1 inch

3.349

1.  Isacord 40 0020

12707-35_large

60 x 78 mm
2.4 x 3.1 inch

1.946

1.  Isacord 40 0020

12707-36_large

51 x 78 mm
2 x 3.1 inch

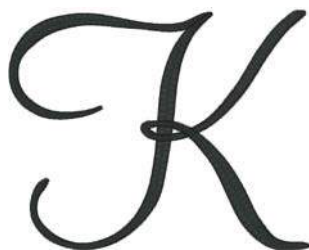
2.074

1.  Isacord 40 0020

12707-37_large

98 x 78 mm
3.9 x 3.1 inch

3.116

1.  Isacord 40 0020

12707-38_large

76 x 78 mm
3 x 3.1 inch

2.651

1.  Isacord 40 0020

12707-39_large

86 x 78 mm
3.4 x 3.1 inch

2.516

1.  Isacord 40 0020

12707-40_large

104 x 78 mm
4.1 x 3.1 inch

2.254

1.  Isacord 40 0020

16 Embroidery Designs

12707-41_large

56 x 78 mm
2.2 x 3.1 inch

2.030

1.  Isacord 40 0020

12707-42_large

79 x 78 mm
3.1 x 3.1 inch

2.369

1.  Isacord 40 0020

12707-43_large

83 x 78 mm
3.2 x 3.1 inch

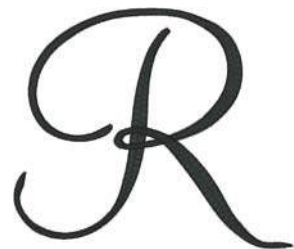
2.378

1.  Isacord 40 0020

12707-44_large

91 x 78 mm
3.6 x 3.1 inch

2.845

1.  Isacord 40 0020

12707-45_large

61 x 78 mm
2.4 x 3.1 inch

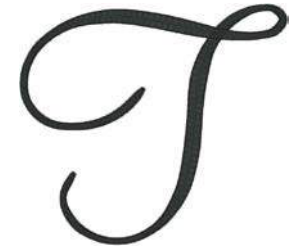
2.325

1.  Isacord 40 0020

12707-46_large

87 x 78 mm
3.4 x 3.1 inch

2.340

1.  Isacord 40 0020

12707-47_large

63 x 78 mm
2.5 x 3.1 inch

2.046

1.  Isacord 40 0020

12707-48_large

97 x 78 mm
3.8 x 3.1 inch

2.142

1.  Isacord 40 0020

12707-49_large

110 x 78 mm
4.3 x 3.1 inch

3.073

1.  Isacord 40 0020

12707-50_large

91 x 78 mm
3.6 x 3.1 inch

2.063

1.  Isacord 40 0020

16 Embroidery Designs

12707-51_large

58 x 78 mm
2.3 x 3.1 inch

2.441

1. ■ Isacord 40 0020



12707-52_large

94 x 78 mm
3.7 x 3.1 inch

2.609

1. ■ Isacord 40 0020



16.12 Monograms 3

12719-01

57 x 78 mm
2.2 x 3.1 inch

2.486

1. ■ Isacord 40 0020



12719-02

56 x 78 mm
2.2 x 3.1 inch

2.608

1. ■ Isacord 40 0020



12719-02

56 x 78 mm
2.2 x 3.1 inch

2.608

1. ■ Isacord 40 0020



12719-04

54 x 78 mm
2.1 x 3.1 inch

2.570

1. ■ Isacord 40 0020



12719-05

61 x 78 mm
2.4 x 3.1 inch

2.725

1. ■ Isacord 40 0020



12719-06

61 x 78 mm
2.4 x 3.1 inch

2.583

1. ■ Isacord 40 0020



12719-07

61 x 78 mm
2.4 x 3.1 inch

2.847

1. ■ Isacord 40 0020



12719-08

58 x 78 mm
2.3 x 3.1 inch

2.661

1. ■ Isacord 40 0020



16 Embroidery Designs

12719-09

62 x 78 mm
2.4 x 3.1 inch

2.515

1. ■ Isacord 40 0020



12719-10

65 x 78 mm
2.6 x 3.1 inch

2.732

1. ■ Isacord 40 0020



12719-11

53 x 78 mm
2.1 x 3.1 inch

2.428

1. ■ Isacord 40 0020



12719-12

63 x 78 mm
2.5 x 3.1 inch

2.804

1. ■ Isacord 40 0020



12719-13

61 x 78 mm
2.4 x 3.1 inch

3.214

1. ■ Isacord 40 0020



12719-14

55 x 78 mm
2.2 x 3.1 inch

2.722

1. ■ Isacord 40 0020



12719-15

58 x 78 mm
2.3 x 3.1 inch

2.523

1. ■ Isacord 40 0020



12719-16

51 x 78 mm
2 x 3.1 inch

2.328

1. ■ Isacord 40 0020



12719-17

56 x 78 mm
2.2 x 3.1 inch

2.594

1. ■ Isacord 40 0020



12719-18

54 x 78 mm
2.1 x 3.1 inch

2.744

1. ■ Isacord 40 0020



16 Embroidery Designs

12719-1959 x 78 mm
2.3 x 3.1 inch

2.687

1. ■ Isacord 40 0020

**12719-20**56 x 78 mm
2.2 x 3.1 inch

2.347

1. ■ Isacord 40 0020

**12719-21**55 x 78 mm
2.2 x 3.1 inch

2.344

1. ■ Isacord 40 0020

**12719-22**56 x 78 mm
2.2 x 3.1 inch

2.565

1. ■ Isacord 40 0020

**12719-23**54 x 78 mm
2.1 x 3.1 inch

3.148

1. ■ Isacord 40 0020

**12719-24**52 x 78 mm
2.1 x 3.1 inch

2.627

1. ■ Isacord 40 0020

**12719-25**54 x 78 mm
2.1 x 3.1 inch

2.579

1. ■ Isacord 40 0020

**12719-26**59 x 78 mm
2.3 x 3.1 inch

2.589

1. ■ Isacord 40 0020



16 Embroidery Designs

16.13 Monograms 4

12719-27_large

35 x 78 mm
1.4 x 3.1 inch

1.772

1. ■ Isacord 40 0020



12719-28_large

37 x 78 mm
1.4 x 3.1 inch

1.927

1. ■ Isacord 40 0020



12719-29_large

31 x 78 mm
1.2 x 3.1 inch

1.474

1. ■ Isacord 40 0020



12719-30_large

32 x 78 mm
1.3 x 3.1 inch

1.757

1. ■ Isacord 40 0020



12719-31_large

30 x 78 mm
1.2 x 3.1 inch

1.711

1. ■ Isacord 40 0020



12719-32_large

41 x 78 mm
1.6 x 3.1 inch

1.720

1. ■ Isacord 40 0020



12719-33_large

31 x 78 mm
1.2 x 3.1 inch

1.766

1. ■ Isacord 40 0020



12719-34_large

36 x 78 mm
1.4 x 3.1 inch

1.712

1. ■ Isacord 40 0020



12719-35_large

39 x 78 mm
1.5 x 3.1 inch

1.637

1. ■ Isacord 40 0020



12719-36_large

33 x 78 mm
1.3 x 3.1 inch

1.739

1. ■ Isacord 40 0020



16 Embroidery Designs

12719-37_large

37 x 78 mm
1.4 x 3.1 inch

1.718

1. ■ Isacord 40 0020



12719-38_large

43 x 78 mm
1.7 x 3.1 inch

1.769

1. ■ Isacord 40 0020



12719-39_large

35 x 78 mm
1.4 x 3.1 inch

2.305

1. ■ Isacord 40 0020



12719-40_large

27 x 77 mm
1.1 x 3.1 inch

1.733

1. ■ Isacord 40 0020



12719-41_large

31 x 78 mm
1.2 x 3.1 inch

1.484

1. ■ Isacord 40 0020



12719-42_large

31 x 78 mm
1.2 x 3.1 inch

1.633

1. ■ Isacord 40 0020



12719-43_large

36 x 78 mm
1.4 x 3.1 inch

1.754

1. ■ Isacord 40 0020



12719-44_large

34 x 78 mm
1.4 x 3.1 inch

1.944

1. ■ Isacord 40 0020



12719-45_large

30 x 78 mm
1.2 x 3.1 inch

1.515

1. ■ Isacord 40 0020



12719-46_large

41 x 78 mm
1.6 x 3.1 inch

1.408

1. ■ Isacord 40 0020



16 Embroidery Designs

93

12719-47_large

41 x 78 mm
1.6 x 3.1 inch

1.632

1. ■ Isacord 40 0020



12719-48_large

33 x 78 mm
1.3 x 3.1 inch

1.359

1. ■ Isacord 40 0020



12719-49_large

35 x 78 mm
1.4 x 3.1 inch

2.393

1. ■ Isacord 40 0020



12719-50_large

47 x 78 mm
1.8 x 3.1 inch

1.619

1. ■ Isacord 40 0020



12719-51_large

29 x 78 mm
1.1 x 3.1 inch

1.718

1. ■ Isacord 40 0020



12719-52_large

45 x 78 mm
1.8 x 3.1 inch

2.084

1. ■ Isacord 40 0020



16.14 Monograms 5

12719-27

18 x 40 mm
0.7 x 1.6 inch

916

1. ■ Isacord 40 0020



12719-28

19 x 40 mm
0.7 x 1.6 inch

1.021

1. ■ Isacord 40 0020



12719-30

17 x 40 mm
0.7 x 1.6 inch

922

1. ■ Isacord 40 0020



12719-31

15 x 40 mm
0.6 x 1.6 inch

908

1. ■ Isacord 40 0020



16 Embroidery Designs

12719-32

21 x 40 mm
0.8 x 1.6 inch

913

1. ■ Isacord 40 0020



12719-32

21 x 40 mm
0.8 x 1.6 inch

913

1. ■ Isacord 40 0020



12719-33

16 x 40 mm
0.6 x 1.6 inch

932

1. ■ Isacord 40 0020



12719-34

19 x 40 mm
0.8 x 1.6 inch

903

1. ■ Isacord 40 0020



12719-35

20 x 40 mm
0.8 x 1.6 inch

865

1. ■ Isacord 40 0020



12719-36

17 x 40 mm
0.7 x 1.6 inch

910

1. ■ Isacord 40 0020



12719-37

19 x 40 mm
0.7 x 1.6 inch

914

1. ■ Isacord 40 0020



12719-38

22 x 40 mm
0.9 x 1.6 inch

947

1. ■ Isacord 40 0020



12719-39

18 x 40 mm
0.7 x 1.6 inch

1.200

1. ■ Isacord 40 0020



12719-40

14 x 40 mm
0.6 x 1.6 inch

900

1. ■ Isacord 40 0020



16 Embroidery Designs

95

12719-41

17 x 40 mm
0.7 x 1.6 inch

779

1. ■ Isacord 40 0020



12719-42

16 x 40 mm
0.6 x 1.6 inch

964

1. ■ Isacord 40 0020



12719-43

19 x 40 mm
0.7 x 1.6 inch

923

1. ■ Isacord 40 0020



12719-44

18 x 40 mm
0.7 x 1.6 inch

1.024

1. ■ Isacord 40 0020



12719-45

16 x 40 mm
0.6 x 1.6 inch

799

1. ■ Isacord 40 0020



12719-46

21 x 40 mm
0.8 x 1.6 inch

747

1. ■ Isacord 40 0020



12719-47

21 x 40 mm
0.8 x 1.6 inch

1. ■ Isacord 40 0020



12719-48

17 x 40 mm
0.7 x 1.6 inch

726

1. ■ Isacord 40 0020



12719-49

18 x 40 mm
0.7 x 1.6 inch

1.234

1. ■ Isacord 40 0020



12719-50

24 x 40 mm
0.9 x 1.6 inch

852

1. ■ Isacord 40 0020



16 Embroidery Designs

12719-51

15 x 40 mm
0.6 x 1.6 inch

911

1. ■ Isacord 40 0020



12719-52

23 x 40 mm
0.9 x 1.6 inch

1.113

1. ■ Isacord 40 0020



16.15 Hoop

12719-54

118 x 118 mm
4.7 x 4.7 inch

7.922

1. ■ Isacord 40 0020



12719-53

118 x 118 mm
4.6 x 4.6 inch

4.414

1. ■ Isacord 40 0020



12719-55

118 x 118 mm
4.7 x 4.7 inch

5.971

1. ■ Isacord 40 0020



12719-56

118 x 118 mm
4.7 x 4.7 inch

4.726

1. ■ Isacord 40 0020

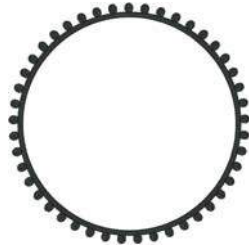


12587-60_1

118 x 118 mm
4.7 x 4.6 inch

4.696

1. ■ Isacord 40 0020

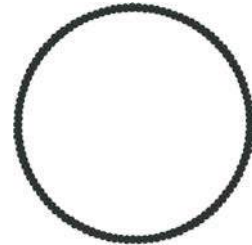


12606-26_2

118 x 118 mm
4.7 x 4.7 inch

4.509

1. ■ Isacord 40 0020

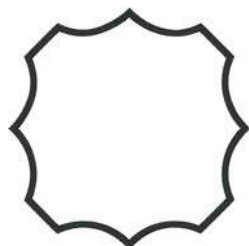


12611-27_2

118 x 119 mm
4.7 x 4.7 inch

3.421

1. ■ Isacord 40 0020

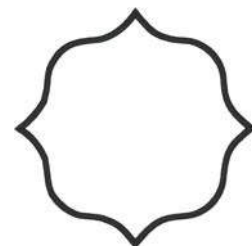


12611-28_2

118 x 118 mm
4.6 x 4.7 inch

3.093

1. ■ Isacord 40 0020



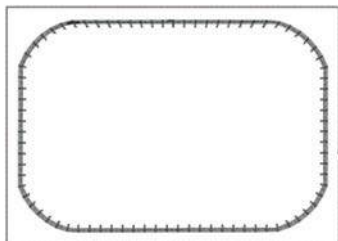
16 Embroidery Designs

97

32078-02_1horizontally119 x 85 mm
4.7 x 3.4 inch

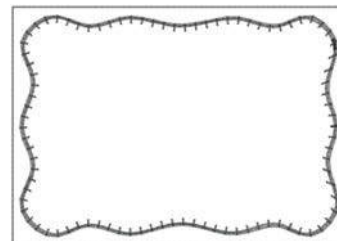
829

1. ■ Isacord 40 0020
2. ■ Isacord 40 4174
3. ■ Isacord 40 0020
4. ■ Isacord 40 4174

**32078-03_1horizontally**119 x 85 mm
4.7 x 3.4 inch

888

1. ■ Isacord 40 0020
2. ■ Isacord 40 4174
3. ■ Isacord 40 0020
4. ■ Isacord 40 4174

**32078-02_1vertically**119 x 167 mm
4.7 x 6.6 inch

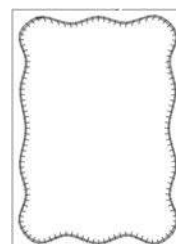
1.135

1. ■ Isacord 40 0020
2. ■ Isacord 40 4174
3. ■ Isacord 40 0020
4. ■ Isacord 40 4174

**32078-03_1vertically**119 x 167 mm
4.7 x 6.6 inch

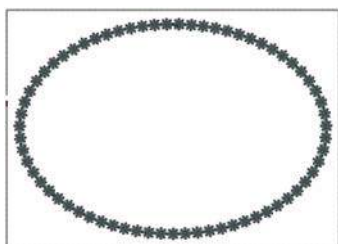
1.221

1. ■ Isacord 40 0020
2. ■ Isacord 40 4174
3. ■ Isacord 40 0020
4. ■ Isacord 40 4174

119 x 85 mm
4.7 x 3.4 inch

1.685

1. ■ Isacord 40 0020
2. ■ 0001
3. ■ 0002
4. ■ Isacord 40 4174

**32078-04_2vertically**119 x 167 mm
4.7 x 6.6 inch

1.942

1. ■ Isacord 40 0020
2. ■ 0001
3. ■ 0002
4. ■ Isacord 40 4174

**12587-59_2_small_left**29 x 83 mm
1.1 x 3.3 inch

1.980

1. ■ Isacord 40 0020

**12587-59_2_small_right**29 x 83 mm
1.1 x 3.3 inch

1.980

1. ■ Isacord 40 0020

**12587-59_2_small_top**83 x 29 mm
3.3 x 1.1 inch

1.986

1. ■ Isacord 40 0020

**12587-59_2_small_bottom**83 x 29 mm
3.3 x 1.1 inch

1.984

1. ■ Isacord 40 0020



16 Embroidery Designs

12587-54_1_small
_left.44 x 93 mm
1.7 x 3.7 inch

3.304

1. ■ Isacord 40 0020

12587-54_1_small
_right44 x 93 mm
1.7 x 3.7 inch

3.304

1. ■ Isacord 40 0020

12587-56_1_small
_left43 x 88 mm
1.7 x 3.4 inch

3.302

1. ■ Isacord 40 0020

12587-56_1_small
_right43 x 88 mm
1.7 x 3.4 inch

3.301

1. ■ Isacord 40 0020

12587-54_1_small
_top93 x 44 mm
3.7 x 1.7 inch

3.306

1. ■ Isacord 40 0020

12587-54_1_small
_bottom93 x 44 mm
3.7 x 1.7 inch

3.306

1. ■ Isacord 40 0020

12587-56_1_small
_top88 x 43 mm
3.4 x 1.7 inch

3.302

1. ■ Isacord 40 0020

12587-56_1_small
_bottom88 x 43 mm
3.4 x 1.7 inch

3.302

1. ■ Isacord 40 0020

12587-55_2_small
_left54 x 110 mm
2.1 x 4.3 inch

5.402

1. ■ Isacord 40 0020

12587-55_2_small
_right54 x 110 mm
2.1 x 4.3 inch

5.407

1. ■ Isacord 40 0020



16 Embroidery Designs

12587-55_2_small
_top110 x 54 mm
4.3 x 2.1 inch

5.390

1. ■ Isacord 40 0020

12587-55_2_small
_bottom110 x 54 mm
4.3 x 2.1 inch

5.376

1. ■ Isacord 40 0020

12587-58_1_small
_left46 x 102 mm
1.8 x 4 inch

3.169

1. ■ Isacord 40 0020

12587-58_1_small
_right46 x 102 mm
1.8 x 4 inch

3.169

1. ■ Isacord 40 0020

12587-58_1_small
_top102 x 48 mm
4 x 1.9 inch

3.169

1. ■ Isacord 40 0020

12587-58_1_small
_bottom102 x 46 mm
4 x 1.8 inch

3.169

1. ■ Isacord 40 0020

12587-57_1_small
_left21 x 60 mm
0.8 x 2.4 inch

1.405

1. ■ Isacord 40 0020

12587-57_1_small
_right21 x 60 mm
0.8 x 2.4 inch

1.450

1. ■ Isacord 40 0020

12587-53_1_small
_left20 x 59 mm
0.8 x 2.3 inch

891

1. ■ Isacord 40 0020

12587-53_1_small
_right20 x 59 mm
0.8 x 2.3 inch

891

1. ■ Isacord 40 0020



16 Embroidery Designs

100

12587-57_1_small
_top60 x 21 mm
2.4 x 0.8 inch

1.450

1. ■ Isacord 40 0020

12587-57_1_small
_down60 x 21 mm
2.4 x 0.8 inch

1.405

1. ■ Isacord 40 0020

12587-53_1_small
_top59 x 20 mm
2.3 x 0.8 inch

892

1. ■ Isacord 40 0020

12587-53_1_small
_bottom59 x 20 mm
2.3 x 0.8 inch

892

1. ■ Isacord 40 0020



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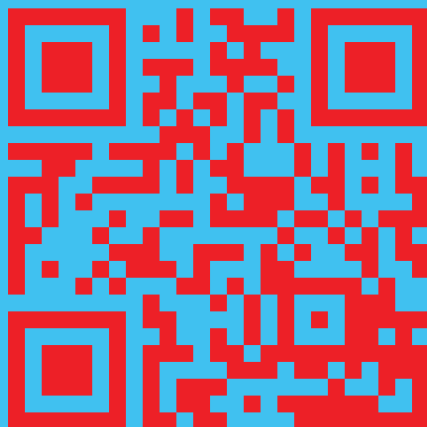
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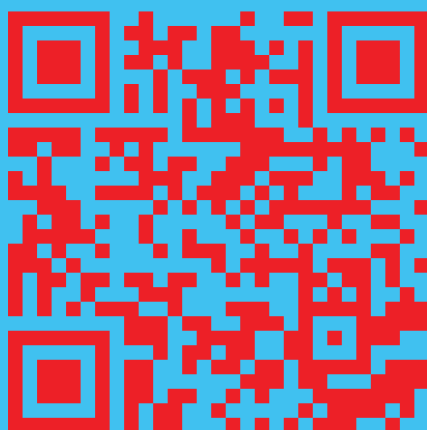
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www.bernette.com/b59

**The b59 includes the bernette
StitchDirect App. Download the
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Scan QR code for the
App Manual



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