USER MANUAL



Swiss Heritage
since 1893

BERNINA 790 PRO

BERNINA
made to create

We take pride in providing you the perfect sewing experience!



BERNINA has represented exceptional quality since 1893. As a traditional Swiss company, we use high quality materials to manufacture our products and have them extensively tested, ensuring high performance and a long life. Over the years, we have always remained true to our company philosophy - we are personally committed to offering our customers an exceptional sewing experience.

Every BERNINA is characterized by state-of-the-art technology paired with innovations in both hardware and software. This is because we truly want you to enjoy the creative process to the fullest - after all, creativity is turning your ideas into something that makes you and others happy.

With this in mind, I wish you many joyous moments with your BERNINA 790 PRO.



Sincerely, yours
Hanspeter Ueltschi
Owner, BERNINA

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IMPORTANT SAFETY INSTRUCTIONS

Please be aware of the following basic safety instructions when using your machine. Before using this machine, read 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 laser beam or view it with optical instruments (e.g. magnifying glasses).
  If the laser is damaged or defective, have the laser checked or repaired by your local BERNINA dealer.
- 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 BERNINA 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 personal injury, 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 BERNINA 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 the accessories recommended by the manufacturer.

- Always use an original BERNINA Stitch Plate.
  An incorrect stitch plate can result in needle breakage.
- 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 BERNINA.

Appropriate Use

- The machine may be used, cleaned and maintained by children older than eight or by people with reduced physical, sensory or mental capabilities or if there is a lack of experience and knowledge.
  Furthermore, these persons must be supervised while working with the machine, or they must know the safe operation of the machine and be aware of resulting hazards.
- Children are not allowed to play with the machine.
  Special care should be taken when the machine is operated by or in the presence of children.
- 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 BERNINA dealer.
- Only use this machine with the supplied foot control of type LV-1.
- 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.
- 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

Safety Signs on the Machine

Sign	Purpose
	Attention: Close the doors, lids and covers before operating the machine. Caution; moving parts. To reduce the risk of injury, switch off the machine before maintenance work. Attach the covers.

FCC Declaration of Conformity

(For USA and Canada)

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

Product Name: BERNINA 790 PRO

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 instruction manual is supplied with the machine.

- Keep the instruction manual safe at a suitable place near the machine to have it at hand in case that you need to look up something.
- If you pass the machine to a third party, always include the instruction manual.
- The latest version of the instruction manual can be downloaded at www.bernina.com/790pro-support.

Proper Use

Your BERNINA machine is conceived and designed for private household use. It is intended for sewing fabrics and other materials as described in this instruction manual. 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 BERNINA dealer. Further accessories can be found at www.bernina.com/790-pro#!accessories.

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.

BERNINA Quality Control

All BERNINA machines are assembled with utmost care and are subjected to an extensive functionality test. The integrated stitch counter therefore indicates that the machine has already sewn stitches, which were performed exclusively for test purposes and quality control. The subsequent thorough cleaning does not exclude the possibility that thread remnants may still be found in the machine.

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.

TIP

Tips from the BERNINA sewing experts.

1 Welcome to the World of BERNINA

With your BERNINA 790 PRO you can sew, embroider and quilt. Fine silk or satin fabrics as well as heavy linen, fleece and denim fabrics can be easily processed with this machine. Numerous practical as well as decorative stitches, buttonholes and embroidery designs are at your disposal.

Further Information



In addition to your BERNINA 790 PRO, further information products are also enclosed.

The current version of your manual as well as further information about the machine and the accessories can be found on our website.

bernina.com

"Made to Create" is the BERNINA slogan. Not only do our machines support you as you make your ideas a reality, we offer additional suggestions and instructions for projects and the opportunity to exchange ideas with other sewing, quilting and embroidery enthusiasts. We hope you have a great pleasure in doing so.

BERNINA YouTube Channel



On YouTube we offer a wide range of how-to videos and support concerning the most important functions of our machines. You can also find detailed explanations of presser feet and accessories that make your projects successful.

youtube.com/BerninaInternational

Available in English and German.

"inspiration" – the Creative Sewing Magazine and Online Store with Sewing Patterns



Are you looking for ideas, sewing patterns and instructions for great sewing projects? If so, the BERNINA magazine “inspiration” is just the right thing for you. Three times a year, “inspiration” offers you great sewing and embroidery ideas. From seasonal fashion trends to trendy accessories and practical tips to original decorations for your home or cute sewing ideas for children.

The magazine is available in English, German, Dutch, and French.

In our online shop you can purchase "inspiration" as an e-magazine or as a print version, either as individual issues or as a subscription. Furthermore, there are many individual downloadable patterns to discover! Why not take a look at:

inspiration.bernina.com

And follow us on Instagram (@inspiration.sewing.magazine).

BERNINA Blog



Sophisticated instructions, free sewing patterns and embroidery designs as well as many new ideas can be found weekly on our BERNINA Blog. Our experts give useful tips and step by step instructions to achieve your desired results. In the community you can upload your own projects and exchange experiences and ideas with other sewing and embroidering enthusiasts.

bernina.com/blog

Available in English, German, Dutch and French.

BERNINA Social Media



Follow on social networks to learn more about events, exciting projects and tips and tricks all about sewing, quilting and embroidering. We will keep you informed and are looking forward to sharing highlights from the world of BERNINA.

bernina.com/social-media

BERNINA Stitchout App



WiFi enabled BERNINA embroidery machines can be used together with the BERNINA Stitchout App. Once the machine is connected to the app, the embroidery process can be tracked and monitored via the smartphone. The app shows how far the embroidery design has progressed, which color will be next and how long the embroidery process will take in total. Furthermore, messages are displayed for the case that the thread is broken or the embroidery is finished. The app is available in the Apple App Store and the Google Play Store.

bernina.com/stitchout-app

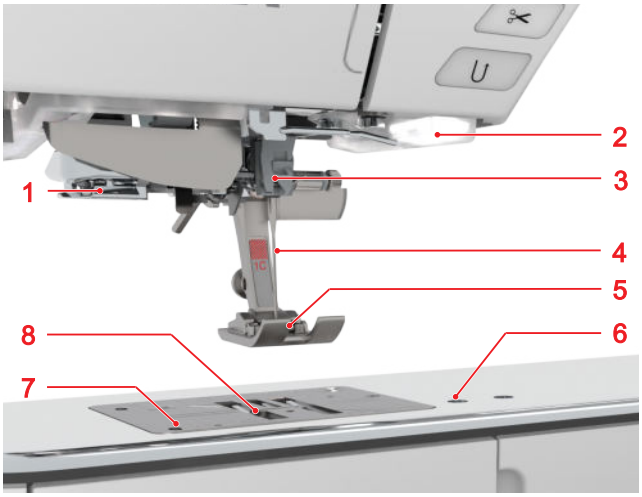
2.1 Machine

Front



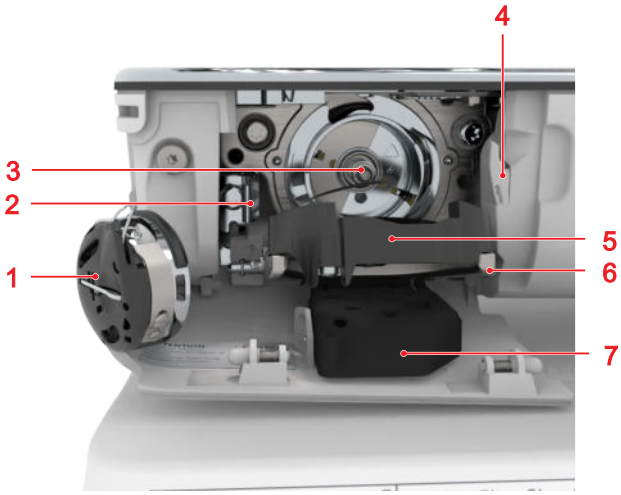
1 Embroidery Module Connection **2** Bobbin Cover **3** Needle Area **4** Thread Cutter **5** Thread Take-up Lever Cover **6** Connection for Slide-on Table **7** Knee Lifter Connection

Needle Area



1 Needle Threader **2** Lighting **3** Needle Holder **4** Needle **5** Presser Foot **6** Connection for Sewing Accessories **7** Stitch Plate **8** Feed Dog

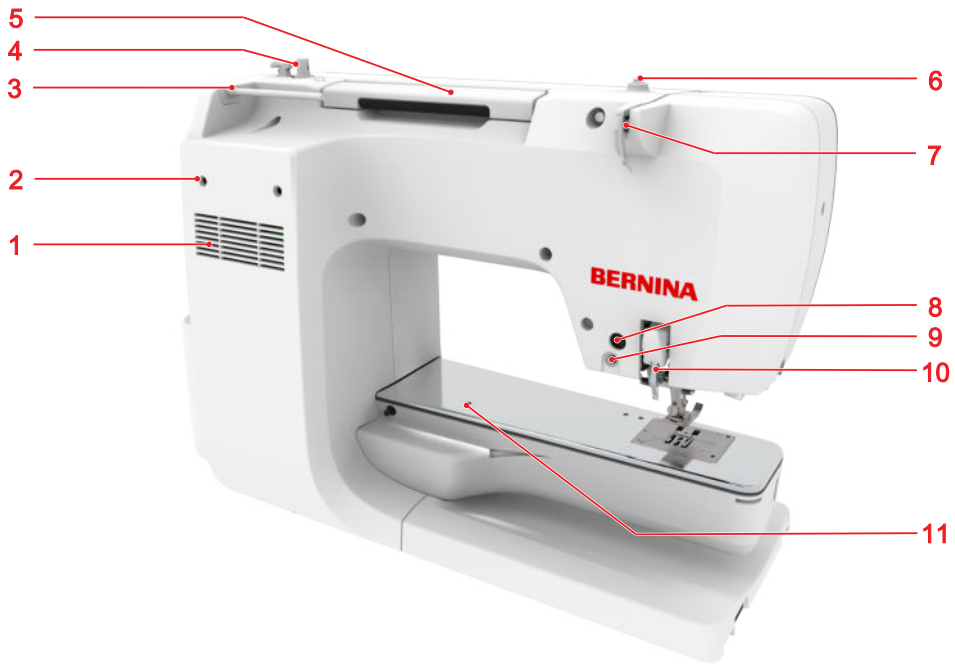
Bobbin Area



1 Bobbin Case **2** Release Lever **3** Hook **4** Thread Cutter **5** Bobbin Cover **6** Fastening Bracket **7** Bobbin Thread Indicator

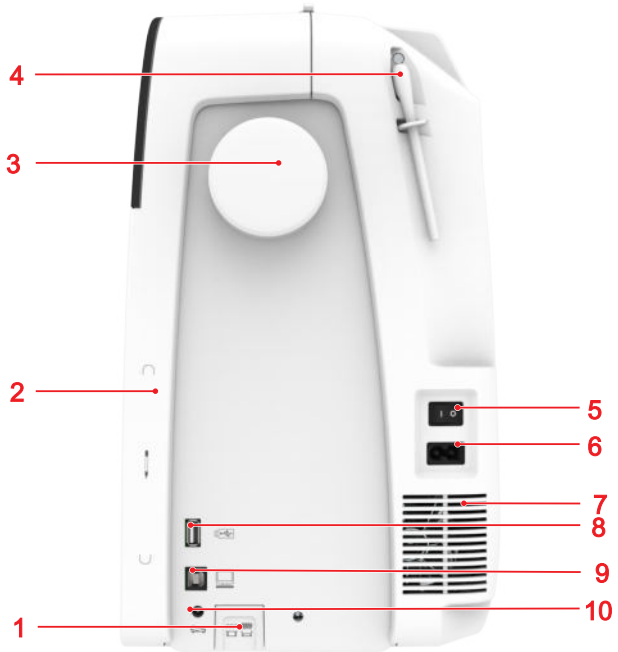
2 Introduction

Back



1 Air Vents **2** Connection for Multiple Spool Holder **3** Spool Pin, Horizontal **4** Bobbin Winding Unit with Thread Cutter **5** Carry Handle **6** Thread Guide, Winder **7** Thread Guide, Rear **8** Connection for Accessory **9** BSR Connection **10** BERNINA Dual Feed **11** Connection for Darning Hoop

Right Side



1 Feed Dog Up/Down **2** Magnetic Holder for Touchscreen Pen **3** Handwheel **4** Spool Holder Vertical **5** Power Switch **6** Connection for Power Cable **7** Air Vents **8** USB Port, Type A **9** Service Connection **10** Connection for Foot Control

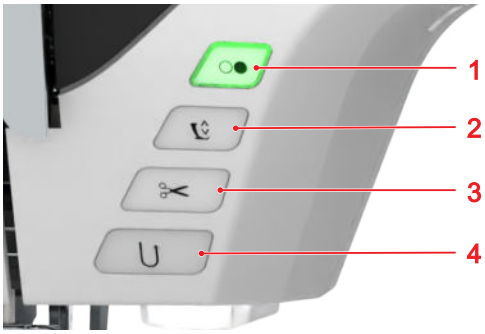
2 Introduction

Controls



1 External Buttons above the Needle **2** Left Controls **3** Display **4** Right Controls

Function Buttons above the Needle



1 Start/Stop **2** Presser Foot Up/Down **3** Thread Cutter **4** Quick Reverse

Start/Stop

You can use the **Start/Stop** ○● button to start or stop the machine.

- Lights up green when the machine is ready.
- Lights up red when the machine is not ready.
- Does not light up when the machine is sewing or embroidering.

Presser Foot Up/Down

You can use the **Presser Foot Up/Down** button to raise or lower the presser foot.

Depending on the starting position, the presser foot is either raised all the way up or lowered to the hover position.

You can define the hover position height in the Settings.

Thread Cutter

You can use the **Thread Cutter** ✂ button to cut the upper thread and the bobbin thread automatically.

If necessary, the machine is stopped, the needle and presser foot are lowered, the upper thread and lower thread are cut.

TIP

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

Quick Reverse

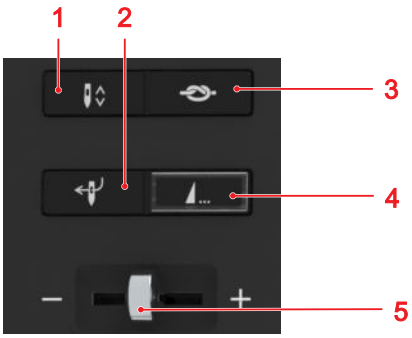
You can use the **Quick Reverse** button to sew in reverse while the button is pressed.

In the Settings, you can program whether the **Reverse** option or the **Backstep** option should be executed.

In the following applications, you can program the length by pressing the **Quick Reverse** button:

- Buttonhole Programs
- Darning Programs
- Tapering Stitches
- Stitch Counter Program
- Stitches with Securing Program

Left Controls



1 Needle Position Up/Down **2** Automatic Needle Threader **3** Tie-Off **4** Pattern End **5** Speed Control

Needle Position Up/Down

Use the **Needle Position Up/Down** button to raise or lower the needle.

The needle is raised or lowered depending on its starting position. The presser foot is lowered before the needle is lowered.

Tie-Off

You can use the **Tie-Off** button to 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.

Automatic Needle Threader

You can use the **Automatic Needle Threader** button to thread the needle automatically.

The **Start/Stop** button is deactivated and lights up red. The upper thread is threaded into the needle.

If the needle is in the incorrect position, the needle will first be moved to the correct position.

Pattern End

You can use the **Pattern End** button to stop the machine automatically at the end of a stitch pattern or a stitch pattern combination.

If you press the button before sewing, the button is activated and the **Stop** icon is displayed in the stitch preview.

If you press the button during sewing, the machine will stop at the end of the pattern. If the machine is stopped in the middle of a pattern the pattern will complete when sewing is resumed. If **Repeat** has been set, the machine will stop at the end of the set repeat.

TIP

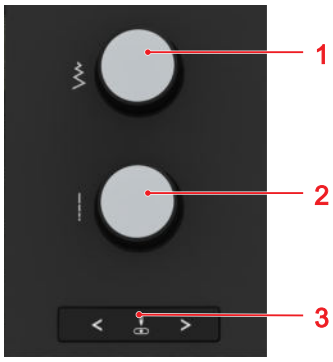
In the Sewing Settings **External Buttons** , you can assign additional functions to the button.

Speed Control

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

For better control while sewing or embroidering, you can set the maximum sewing or embroidery speed in the settings.

Right Controls



1 Upper Multi-function Knob **2** Lower Multi-function Knob **3** Needle Position Left/Right

Upper Multi-function Knob

You can use the Upper Multi-function Knob for setting the Stitch Width and the values of a function.

Lower Multi-function Knob

You can use the Lower Multi-function Knob for setting 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.

2.2 Accessories

Further information and application notes on the supplied and optional accessories can be found under:
www.bernina.com/790-pro#!accessories

Included Accessories

Accessories	Purpose
Dust Cover 	To protect the machine from dust and contamination.
BERNINA Accessories Box 	To store supplied and optional accessories.
Power Cable 	To connect the machine with the power supply.
Foot Control 	To start and stop the machine. To control the sewing speed.

Accessories	Purpose
Slide-on Table 	To increase the sewing surface.
Seam Guide for Slide-on Table 	To aide in guiding the fabric along the Slide-on Table.
Knee Lever/Free Hand System (FHS) 	For raising and lowering the presser foot free hand.
Touchscreen Pen	For precise operation of the touchscreen.
Spool Cap D12 	Secures the thread spool in place and allows it to unwind consistently while sewing.
Spool Cap D27 	Secures the thread spool in place and allows it to unwind consistently while sewing.

Accessories	Purpose
Spool Cap D43 	Secures the thread spool in place and allows it to unwind consistently while sewing.
2× Foam Pad 	The foam pad prevents the thread from slipping, tangling or breaking on the spool pin.
5× Bobbin for B9/ BERNINA Hook 	To wind the bobbin thread.
Height Compensation Tool 	To level an angled position of the presser foot sole when sewing over thick seams.
Seam Ripper 	To undo seams and to cut buttonholes open.

Accessories	Purpose
Right Seam Guide 	To align even seam distances.
Needle Assortment 	For the most common sewing applications.
Brush 	To clean the feed dog and the bobbin area.
Screwdriver, red, slot 	To loosen and tighten slotted screws.
Screwdriver, gray, Torx 	To change the needle.

2 Introduction

Accessories	Purpose
Angular Wrench, Torx 	To open the head cover.
Sewing Machine Oil 	To oil the machine.
Sewing Thread Set 	For sewing.

Included Presser Feet

Presser Foot	Purpose
Reverse Pattern Foot #1C 	For practical and decorative stitches. To sew forward and in reverse. For materials such as corduroy, denim or wool.

Presser Foot	Purpose
Reverse Pattern Foot #1D 	For practical and decorative stitches. To sew forward and in reverse. For materials such as corduroy, denim or wool. Use only with the BERNINA Dual Feed.
Overlock Foot #2A 	For visible seams on stretch fabrics. For overlock and neatening seams.
Buttonhole Foot with Slide #3A 	For automatic buttonholes with a maximum length of 30 mm, with or without cord.
Zipper Foot #4D 	For sewing in zippers, topstitching next to raised seams. For sewing on braids, piping and hook and loop fastener. Use only with the BERNINA Dual Feed.
Blindstitch Foot #5 	For sewing blindstitch hems, edgestitching and topstitching on either side of the foot.

Presser Foot	Purpose
Jeans Foot #8D 	For sewing straight stitches on thick, firm materials or over bulky seams. For denim, canvas, travel bags, etc. For working with the BERNINA Dual Transport.
Open Embroidery Foot #20C 	For decorative sewing applications and stitch patterns.
Sideways-Motion Foot #40C 	For sewing Sideways Motion patterns and stitches in various directions.
BERNINA Stitch Regulator (BSR) #42 	Regulates the stitch length while free-motion quilting, thread painting and free-motion embroidery on all fabrics.

Embroidery Module



1 Embroidery Arm **2** Coupling for Securing the Hoop
3 Guide Rails **4** Connection to the Machine

Included Embroidery Accessories

Accessories	Purpose
Embroidery Foot #26L 	For embroidering, darning and free hand quilting.
Large Oval Embroidery Hoop (incl. embroidery template) 	For embroidering designs and design combinations. Max. Embroidery Area: 145 × 255 mm (5.7 × 10.0 in)
Medium Embroidery Hoop (incl. embroidery template) 	For embroidering designs and design combinations. Max. Embroidery Area: 100 × 130 mm (3.9 × 5.1 in)

Accessories	Purpose
Small Embroidery Hoop (incl. embroidery template) 	To embroider small embroidery designs. For free arm embroidering with closed sewing projects such as sleeves, trouser legs or socks. Max. Embroidery Area: 72 × 50 mm (2.8 × 2.0 in)
2x Template Holder 	To fix the template in the embroidery hoop.
Embroidery Needle Assortment 	For embroidering.
Thread Spool Net 	To regulate threads that unwind too quickly from the spool, e.g. nylon, rayon, silk or metallics.
Embroidery Thread Set 	For embroidering.

2.3 User Interface Overview

Manipulation

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
Tap 	■ Select functions, stitch pattern or embrodery design
Drag 	■ Scrolling in Menus, Windows and Bars ■ Drawing Stitches in the Stitch Designer ■ Move or delete selected stitches in Combi-mode ■ Move selected layers in the Embroidery Screen ■ Delete layers from the layer bar in Embroidery Mode

Navigation

In the modes **Sewing** and **Embroidery**, in the settings and in the consultant, the navigation path  to the current content is displayed, which you can use to go back 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.

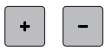
Setting Values

You can set values as follows:

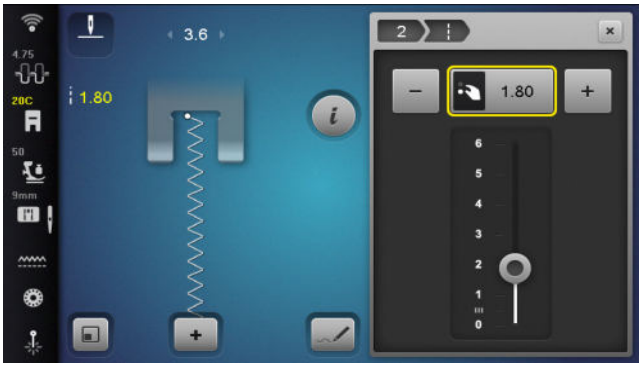
- Slider

  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 Sewing **2** 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 46]

Embroidery

In **Embroidery** mode, you will find functions for creative machine embroidery and computerized quilting. [▶ see page 76]

Function Keys on the Screen



1 Home Screen **2** Settings **3** Tutorial **4** Consultant **5** Quick Help **6** eco-mode **7** Reset

Home Screen

By pressing the button **Home Screen** , you can call up the start page. [▶ see page 20]

Settings

By pressing the button **Settings** you can call up the settings. [▶ see page 40]

Tutorial

By pressing the button **Tutorial** you can call up the tutorials. [▶ see page 22]

Consultant

By pressing the button **Consultant** you can call up the function **Consultant** . [▶ see page 21]

Quick Help

By pressing the button **Quick Help** ? , you can tap any screen element and will receive help on it. [▶ see page 21]

eco-mode

By pressing the button **eco-mode** you can lock the screen, the sewing and embroidery functions and the motor.

1. Press the button **eco-mode** to lock the machine.
2. To unlock the machine, press the button **eco-mode** again.

Clear

By pressing the button **Clear clr** , you can reset the following settings to the default values:

Sewing Mode

- Stitch Length and Stitch Width of the Selected Stitch
- Needle Position
- Mirroring
- Long Stitch
- Pattern Repeat
- Balance
- Directional Sewing
- Stitch Density
- Upper Thread Tension
- Programmed Buttonhole Length
- Darning Program Settings
- Tapering Stitches
- Backstepping
- Stitches with Stitch Counter
- Presser Foot Selection
- Continuous Reverse

Embroidery Mode

- Design Position
- Rotation
- Scaling
- Mirroring
- Embroidery Density
- Presser Foot Selection

File Management



1 Folder Overview **2** USB Stick **3** USB Storage Space

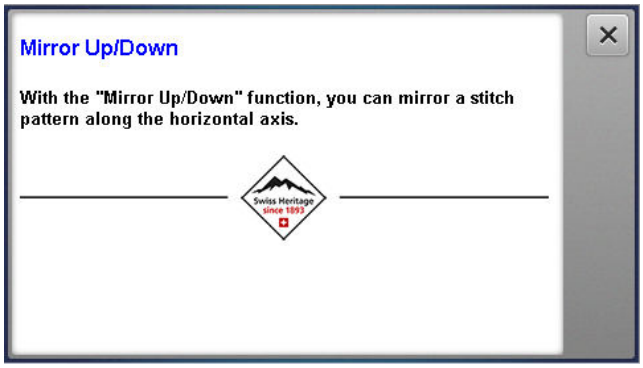
You can administer your own stitch patterns in the folder **Personal Folder** ♥ and on a USB stick. You can save, load or delete your own stitch patterns. You can administer the stitch patterns in predefined folders.

USB Storage Space

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

2.4 Help and Consultant

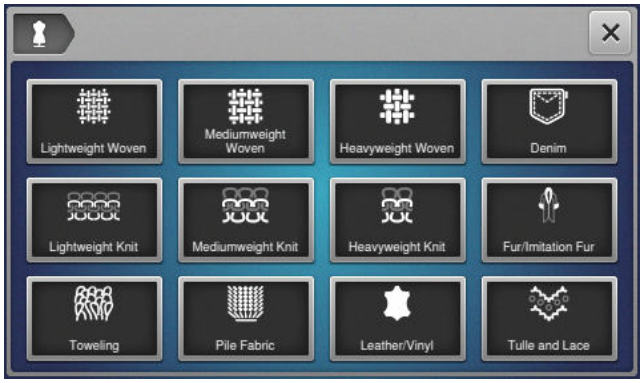
Quick Help



By pressing the button **Quick Help ?** , you can call up brief help for many screen elements, such as icons, buttons or entire screen areas.

1. Tap the icon **Quick Help ?** .
2. Tap the screen element for which help is required.
   ⇨ The Quick Help for the screen element appears.

Consultant



With the function **Consultant** , you can obtain recommendations for various sewing, embroidery and quilting techniques on how to prepare and set the machine. Depending on the selected technique and fabric, different recommendations are displayed.

Sewing Mode

Icon	Recommended
	Stitch
	Needle
	Thread
	Presser Foot
	Feed Dog Up/Down
	Stabilizer(s)

Depending on the selected technique, you must prepare the machine manually according to the recommendations:

- Fit the needle and presser foot.
- Thread the thread.
- Set the feed dog.
- Reinforce the fabric.
- Reinforce buttonhole beads with yarn inlays.

If you confirm the manual preparations using the icon **Apply Settings** ✔ various settings are set automatically, e.g. **Stitch Width**, **Stitch Length** or **Needle Position**.

Embroidery Mode

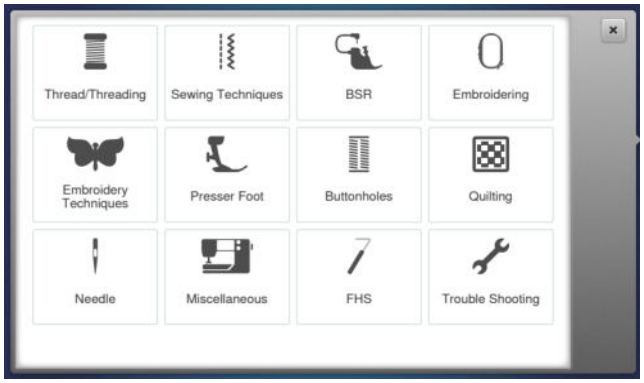
Icon	Recommended
	Needle
	Upper Thread
	Presser Foot
	Bobbin Thread
	Upper Stabilizer
	Lower Stabilizer
	Adhesive
	Starch
	Hoop
	Basting
	Use yarn/cord

Depending on the selected technique, you must prepare the machine manually according to the recommendations:

- Fit the needle and presser foot.
- Thread the upper and bobbin thread.
- Reinforce fabric with the upper/lower stabilizer.
- Use spray adhesive or spray starch.
- Hoop the fabric in the embroidery hoop.
- Attach the hoop.

If you confirm the manual preparations using the icon **Apply Settings** ✔ various settings are set automatically, e.g. **Upper Thread Tension**.

Tutorial



With the **Tutorial** function, you can obtain information and explanations on various sewing and embroidery techniques, areas of the machine and troubleshooting.

3 Set up the Machine

3.1 Prior to Machine's First Use

TIP

BERNINA recommends lubricating the hook before using the machine for the first time or after a longer period of non-use. [▶ see page 94]

Lubricating the hook keeps the machine running smoothly and quietly.

3.2 Working Area

A stable table with a secure stand is a good prerequisite for optimal sewing results. Ergonomics of the sewing table is important to protect the muscles and joints of the back, shoulder, arms and hands. The recommendation for optimal ergonomics includes matching the table height with the body posture. Avoid remaining in the same position for long periods.

The machine can also be operated when standing.

Correct Sitting Position

With the arms bent (90°), the fingertips can touch the stitch plate in a comfortable sitting position.

3.3 Connecting the Machine and Switching it On

1. Insert the cable into the machine.



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

3.4 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 41]
- The foot control is connected. [▶ see page 24]

1. When the embroidery module is connected and is not to be removed, move the embroidery arm to the sewing position. [▶ see page 39]
2. Raise the feed dog if necessary.
3. Attach the Slide-on Table if required. [▶ see page 25]
4. Attach the Knee Lifter. [▶ see page 26]
5. Select the sewing mode via the start page. [▶ see page 20]
   ⇨ The Sewing Screen appears. [▶ see page 46]
6. Use a suitable stitch plate. [▶ see page 27]
7. Use a suitable sewing needle. [▶ see page 30]
8. Fit the appropriate presser foot. [▶ see page 37]
9. Prepare and edit stitch pattern. [▶ see page 56]
10. Thread a suitable bobbin thread. [▶ see page 35]
11. Thread a suitable upper thread. [▶ see page 31]

TIP

The consultant will recommend a presser foot, needles, materials and sewing settings for special sewing techniques and fabrics. [▶ see page 21]

3.5 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 43]

1. Select embroidery mode via the start page. [▶ see page 20]
   ⇨ The Embroidery Screen appears. [▶ see page 76]
2. Lower the feed dog if necessary.
3. Remove the Knee Lifter.

4. Insert the Straight Stitch Plate. [▸ see page 27]
5. Insert a suitable embroidery needle. [▸ see page 30]
6. Attach and select a suitable embroidery foot. [▸ see page 37]
7. Attach the Embroidery Module. [▸ see page 38]
8. Attach the suitable hoop. [▸ see page 39]
9. Prepare and edit embroidery designs. [▸ see page 80]
10. Thread a suitable bobbin thread. For a higher bobbin thread tension, use a bobbin case with a high thread tension. [▸ see page 35]
11. Thread a suitable upper thread. [▸ see page 31]

TIP

For special embroidery techniques and fabrics, the Consultant will recommend an embroidery foot, stitch plate and needles as well as fabrics and embroidery settings. [▸ see page 21]

3.6 Foot Control

You can operate the front foot control with the ball of your foot and the rear foot control with your heel. With the ball pressure, you can start and stop the machine. Depending on the force you apply to the foot control, you can regulate the sewing speed. With the heel pressure, you can raise or lower the needle.

TIP

You can perform additional functions via the heel pressure. You can configure the functions in the Sewing Settings. [▸ see page 43]

Connecting the Foot Control

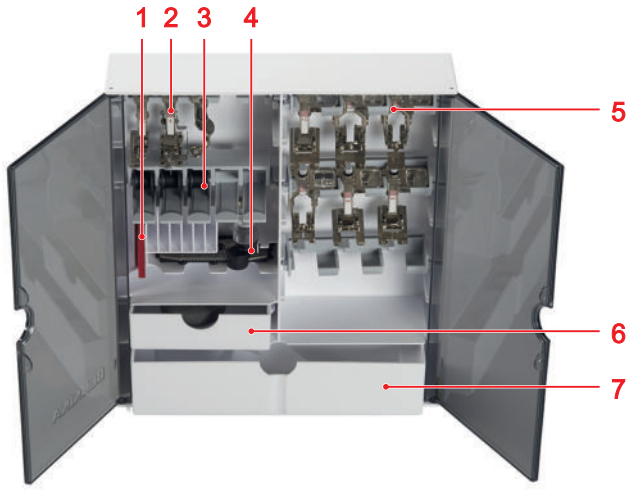
1. Unwind the cable of the foot control to the desired length.
2. Insert the plug of the cable into the foot control socket of the machine.



3. Place the Foot Control on the floor in a comfortable position for sewing.
4. If the cable is too long, roll up excess length.

3.7 Storing Accessories

The accessories box provides tidy storage for your accessories.



1 Holder for Needle Sets **2** Holder for Presser Feet without Lens **3** Bobbin Holder with Spring Button **4** Compartment for Buttonhole Foot with Slide #3A **5** Holder for Presser Feet with Lens **6** Drawer, Small **7** Drawer, Large

1. Unfold the feet and stand up the accessories box.

2. Open the doors.



3. If necessary, insert the holders into the grooves in the accessories box.

NOTICE

Incorrect storing of the bobbin

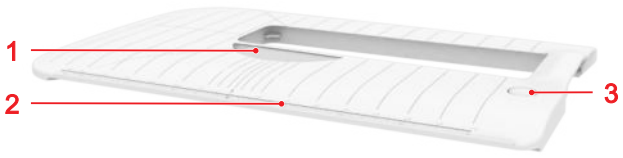
Scratched or dirty sensor surfaces on the bobbins can cause malfunctions of the lower thread indicator.

- ► Always position the bobbins in the bobbin holder with the silver sensor surface to the right.

4. Place your accessories in the appropriate holders and compartments.
5. To remove a bobbin, press the spring button down.
6. Store small parts in the drawers.

3.8 Slide-on Table

The slide-on table allows you to enlarge the sewing area. This makes it easier to position and work on your sewing project. The viewing window allows for visual access to the bobbin area while changing the bobbin without having to remove the table. The table has a printed ruler in both centimeters and inches to aide in aligning various projects. The zero center is aligned with the center needle position when attached.



1 Viewing Window **2** Ruler **3** Release Button

Using the Slide-on Table

The Slide-on Freearm Extension Table, attached to the freearm, enables the available sewing area to be extended.

Prerequisite:

1. Raise the needle.
2. Raise the presser foot.
3. Push the Slide-on Freearm Extension Table from the left to the right over the freearm until it engages.

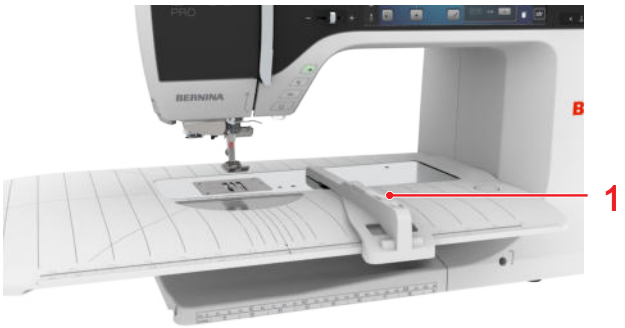


4. To remove the Slide-on Freearm Extension Table, press the button at the table down and pull the slide-on table over the free arm to the left.



Using the Seam Guide

The Seam Guide for the Slide-on Table allows you to sew along the guide for unifom seams.



1 Release Button

Prerequisite:

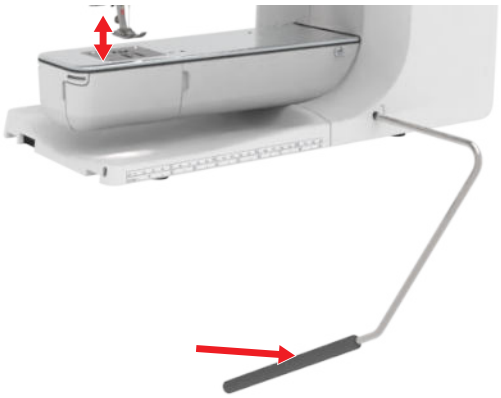
- The Slide-on Table is attached.

1. To attach the Seam Guide, press the release button and engage the Seam Guide from the front to the back on the Slide-on Table.
2. Press the release button down once attached and position in place as desired.
3. To remove the Seam Guide, press the release button and pull the Seam Guide away to the front.

3.9 Knee Lifter / Free Hand System

With the Knee Lifter, you can raise and lower the presser foot without taking your hands away from your sewing project.

If the presser foot is raised, you can also lower the presser foot using the Knee Lifter.

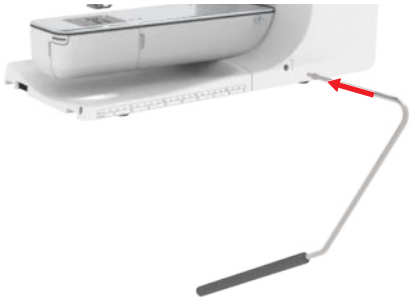


Working with the Knee Lifter offers the following advantages:

- When the presser foot is raised with the Knee Lifter, the feed dog is lowered at the same time and the thread tension is released, enabling you to easily move or remove your sewing project.
- When the presser foot is lowered using the knee lever, the feed dog is raised after the first stitch and, if necessary, the thread tension is activated so that you can continue sewing quickly and easily.

Using the Knee Lifter

Attaching the Knee Lifter of the Free Hand System



1. Insert the Knee Lifter into the Knee Lifter Connection as far as it will go.
2. Adjust the sitting height so that the Knee Lifter can be comfortably operated with the knee.

TIP

The lateral position of the lever can be adjusted by your local BERNINA dealer if required.

Raising the Presser Foot

1. Push the Knee Lifter to the right and hold it there with your knee.
   ⇨ The presser foot is raised and the feed dog is lowered.
2. Release the Knee Lifter slowly to lower the presser foot.
   ⇨ The presser foot is lowered and the feed dog is raised.

Lower the Presser Foot

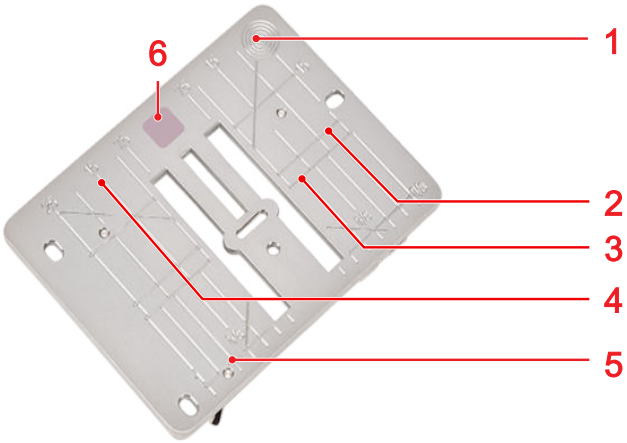
► When the presser foot is raised, push the Knee Lifter all the way to the right and slowly release it.
   ⇨ The presser foot is lowered, the feed dog is raised and the thread tension is activated.

3.10 Stitch Plate

The supplied 9 mm Stitch Plate is suitable for most sewing applications. For specific applications, e.g. PunchWork, special stitch plates are used. The special stitch plates are marked with a color code.

- Without color code: 9 mm Stitch Plate
- Yellow: PunchWork Stitch Plate
- Orange: Straight and CutWork Stitch Plate
- Purple: 9 mm Stitch Plate with 5.5 mm Stitch Hole

Vertical lines are engraved on each stitch plate, which you can use as a ruler for guiding the fabric in a straight line. You can use the diagonal lines to align the fabric at a precise 45° angle. You can use the horizontal lines to lay the fabric at the specified distance from the needle.



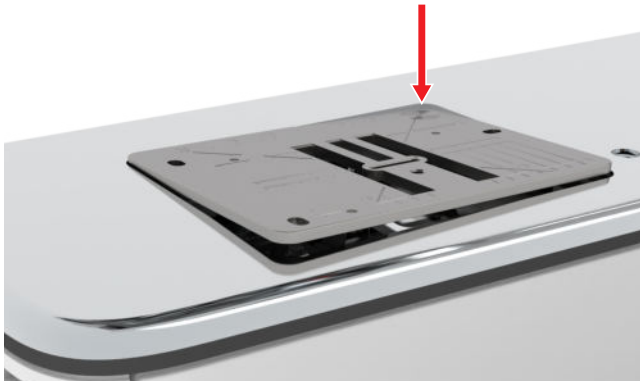
1 Pressure Point for Release **2** Fabric Placement
3 Needle Position **4** Ruler in cm **5** Ruler in inches
6 Color Code

Changing the Stitch Plate

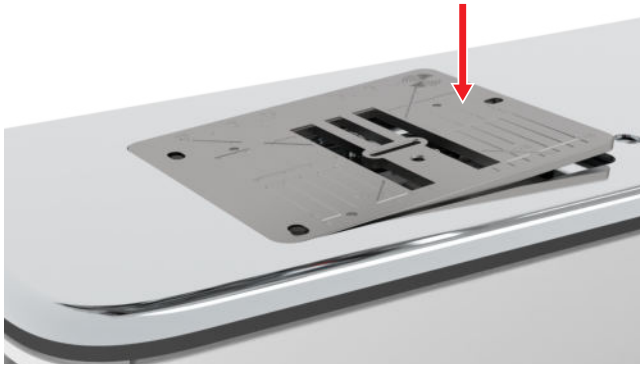
Prerequisite:

- The needle and the presser foot are raised.

1. Lock the screen.
2. Remove the needle and presser foot.
3. Press the stitch plate down at the pressure point for release on the right until it tips.



4. Remove the stitch plate.
5. Place the openings of the new stitch plate above the corresponding guide pins and press the stitch plate down until it clicks into place.



6. Unlock the screen.
7. Tap the status icon **Stitch Plate and Sewing Needle** and select the fitted stitch plate in the **Stitch Plate Overview** section. [▸ see page 30]
   ⇨ The machine checks the compatibility of the stitch plate with the attached needle and the selected stitch. If the stitch cannot be sewn with the attached stitch plate, the stitch is shown in red in the stitch preview and the machine will not start.

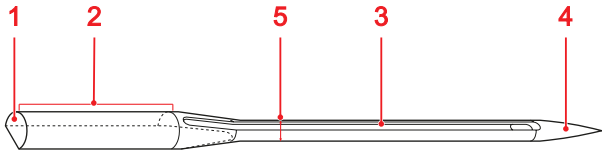
3.11 Needle

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: Lightweight fabrics
- Needle sizes 80, 90: Medium fabrics
- Needle sizes 100, 110 and 120: Heavyweight fabrics

3 Set up the Machine

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**:

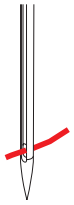


1 705 = shank **2 130** = shank length **3 H** = groove
4 S = Point Type **5 70** = Needle Size

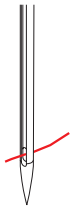
Detailed information on needles and their applications can be found in the BERNINA Needle Brochure.

Needles become worn over time. Needles should be replaced regularly, as a clean stitch can only be made with a sharp tip.

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.

Needle Overview

Needle	Purpose
Universal Needle 130/705 H 60/8 – 120/19  ☒ With a slightly rounded point.	For woven fabrics (light, medium, heavy-weight), knitwear, leather, vinyl, jeans/denim. For natural and synthetic fabrics. For general sewing, sewing on buttons and buttonholes, zippers, hems and topstitching, decorative sewing, embroidery, patchwork, quilting.
Stretch Needle 130/705 H-S 75/11 – 90/14  ■ With a medium ball point.	For knitwear (jersey, tricot, knit and stretch material). For general sewing, sewing on buttons and buttonholes, zippers, hems and topstitching, decorative sewing, embroidery.
Jersey/ Embroidery Needle 130/705 H SUK 80/12  ■ With a medium ball point.	For woven fabrics (light, medium, heavy-weight), knitwear. For general sewing, sewing on buttons and buttonholes, zippers, hems and topstitching, decorative sewing, embroidery.
Jeans Needle 130/705 H-J 80/12 – 110/18  ■ With a slim sharp point.	For woven fabrics (medium, heavy), leather, jeans/denim, foils and oilcloth. For general sewing, sewing on buttons and buttonholes, zippers, hems and topstitching, decorative sewing, embroidery, patchwork, quilting.
Leather Needle 130/705 H LR 90/14, 100/16  ■ With cutting tip.	For leather, imitation leather and similar materials. For zippers, hems and topstitching, materials that tend to stick.

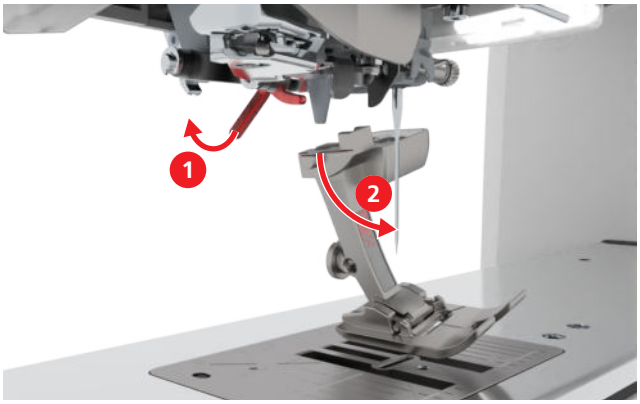
Needle	Purpose
Microtex Needle 130/705 H-M 60/8 – 110/18  ■ With a very slim sharp point.	For woven fabrics (light, medium, heavy), plastics, materials that are difficult to glide such as silk, microfiber fabrics, vinyl, coated materials. For general sewing, sewing on buttons and buttonholes, zips, hems and topstitching and decorative sewing. For straight stitches when topstitching edges.
Quilting Needle 130/705 H-Q 75/11 – 90/14  ■ With a very slim, slightly rounded point.	For woven fabrics (light, medium and heavy-weight). Decorative sewing, patchwork, quilting. For stitching/topstitching tasks, such as quilting and patchwork.
Embroidery Needle 130/705 H-E 75/11 – 90/14  ■ With a light ball point and a particularly wide eye and wide groove.	For woven fabrics (light, medium, heavy-weight), knitwear. For thicker threads. For general sewing, sewing on buttons and buttonholes, zippers, hems and topstitching, decorative sewing, embroidery.
Fine Fabrics Needle 130/705 H SES 70/10 – 90/14  ☒ With a light ball point.	For fine, delicate materials, such as velvet. For general sewing, sewing on buttons and buttonholes, zippers, hems and topstitching, decorative sewing, embroidery, patchwork, quilting.
Metafil Needle 130/705 H METAFIL 80/12  ■ With medium ball point and long eye (2 mm).	For woven fabrics (light, medium, heavy-weight), knitwear. For sewing with special effects and fancy threads, especially metallic threads. For embroidery with metallic thread. For hems and topstitching, decorative sewing and embroidery.

Needle	Purpose
Topstitch Needle 130/705 H-N 80/12 – 100/16  ■ With medium ball point and long eye (2 mm).	For woven fabrics (light, medium and heavy-weight). For hems and topstitching, decorative sewing and embroidery. For decorative and quilting work with several sewing threads and also for embroidery.
Felting Needle PUNCH  With small barbs.	For woven fabrics (light, medium, heavy-weight), jeans/denim. For felting a variety of yarns and threads into base fabrics.
Hemstitch Needle 130/705 H WING 100/16, 120/20  ☒ With a "wing" on each side of the needle.	For woven fabrics (light, medium and heavy-weight). For special effects in decorative sewing and embroidery with hemstitching.
Universal Twin Needle 130/705 H ZWI 70-100  ☒ Needle distance: 1.0/ 1.6/ 2.0/ 2.5/ 3.0/ 4.0/ 6.0/ 8.0	For visible hems in stretch fabrics, pintucks, decorative sewing.
Stretch Twin Needle 130/705 H-S ZWI 75  ☒ Needle distance: 2.5/ 4.0	For visible hems in stretch fabrics, pintucks, decorative sewing.

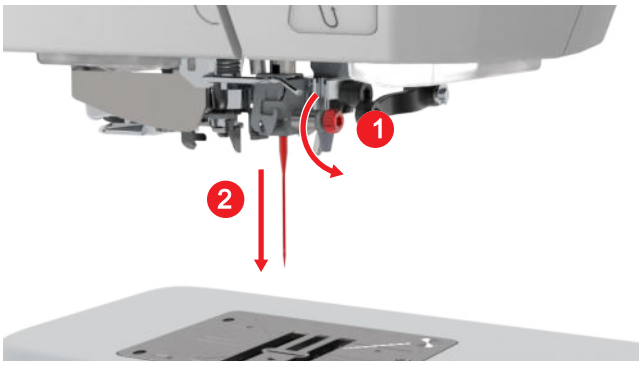
Needle	Purpose
Hemstitch Twin Needle 130/705 H ZWIHO 100  ☒ Needle distance: 2.5	For special effects with hemstitch embroidery.
Universal Triple Needle 130/705 H DRI 80  ☒ Needle distance: 3.0	For visible hems in stretch fabrics, decorative sewing.

Changing the Needle

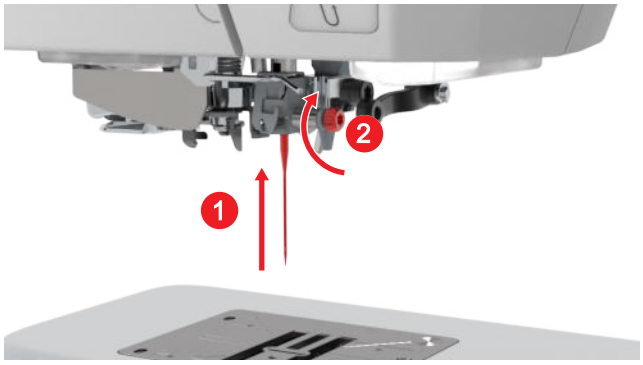
1. Lock the screen.
2. Remove the presser foot.



3. Raise the needle.
4. Loosen the screw on the needle and pull the needle downwards.



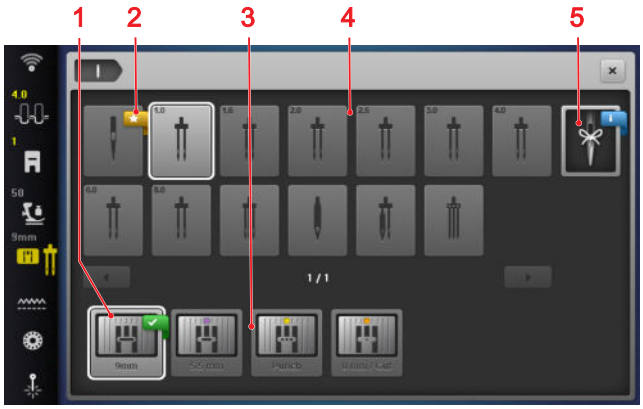
5. Insert and push the new needle with the flat side to the back as far up as it will go into the needle holder and hold it in place.
6. Tighten the screw.



7. Unlock the screen.
8. In the Status Bar, tap **Stitch Plate and Sewing Needle** and select the fitted needle in the **Needle Overview** section. [▸ see page 30]

Stitch Plate and Sewing Needle

Sewing ▸ Stitch Plate and Sewing Needle



1 Selected Stitch Plate **2** Recommended **3** Stitch Plate Overview **4** Needle Overview **5** Needle Minder

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

Recommended stitch plates and needles are shown with the **Recommended** ★ icon.

To enable the machine to check the compatibility of the stitch, needle and stitch plate, you must select the fitted needle and stitch plate in the and area **Needle Overview** and **Stitch Plate Overview**. The selected needle is outlined in white in the area **Needle Overview** and displayed in the status bar. The selected stitch plate is outlined in white 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 Minder

With the **Needle Minder** function you can note the needle type and needle size of the attached needle. If you have forgotten which needle is attached, you can look it up at any time.

Needle Position

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

- Button **Needle Position Up/Down** : Raise or lower the needle.
- Buttons **Needle Position Left/Right** : Move the needle five positions to the left or to the right of the center.
- Icon **Needle Stop** : To set the needle position up or down when stopping the machine in sewing mode.

3.12 Upper Thread

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

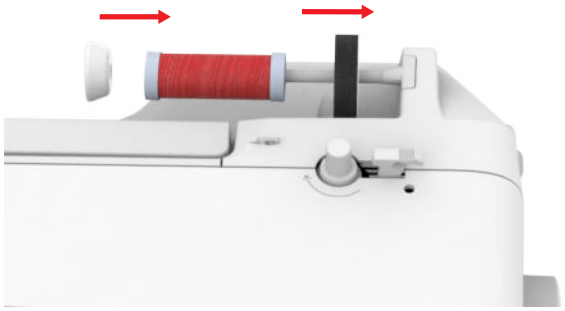
- Cotton threads are particularly suitable for sewing decorative projects on cotton fabric, such as quilts. As cotton threads are not particularly tear-resistant, they can also be used for basted seams that are later undone. They should not, however, be used for seams that need to be particularly hard-wearing.
- 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

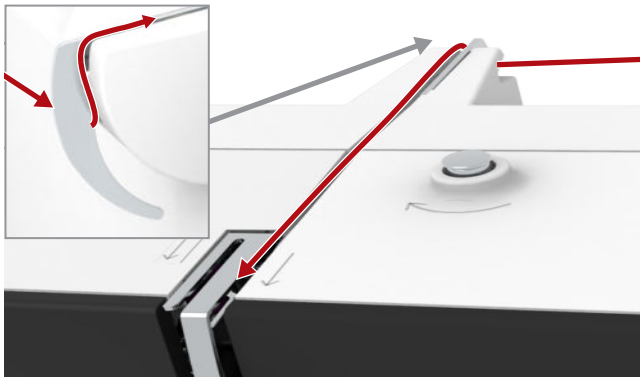
For a proper seam and to avoid “thread tangles”, you must thread the upper thread correctly.

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

1. Place a foam pad on the horizontal spool pin.
2. Raise the presser foot so that the thread tension discs are open and the thread can slide easily between them.
3. Raise the needle so that the thread can be easily inserted into the thread take-up lever.
4. Lock the screen.
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.



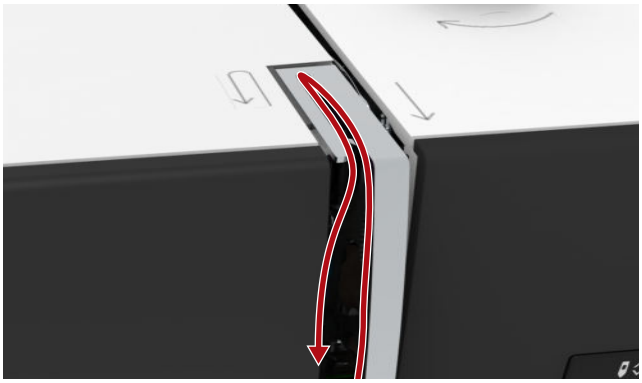
7. For slippery threads put a spool net over the spool as an additional measure.
8. Guide the thread directly to the rear thread guide.
9. Hold the thread with your right hand and, with your left hand, pull the thread taut under and through the thread guide to the front of the machine.
10. Guide the thread on the right downward past the thread tension disc.



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



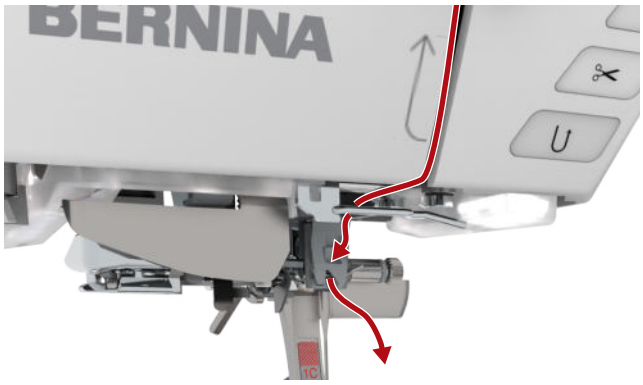
12. Guide the thread through the thread take-up lever and guide it downward. Make sure that the thread is guided under the left side panel.



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. Pull the thread to the left and slightly backwards.

NOTICE

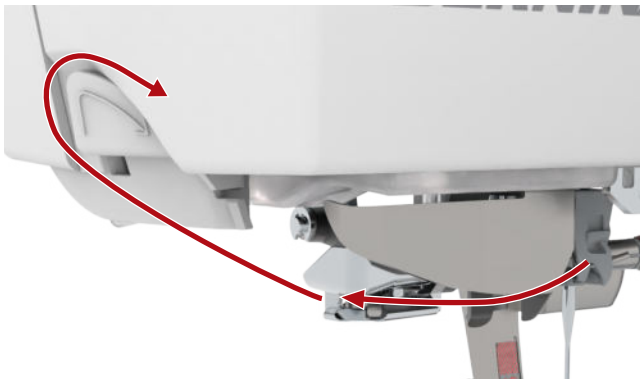
Damage to the Automatic Needle Threader or the Needle

Thin needles can break when using the automatic needle threader.

The threading hook of the automatic needle threader can be damaged.

- ► Only use the automatic needle threader with needles of size 70 and above.
- ► Always thread size 60 needles by hand.

16. Guide the thread from back to front around the thread cutter and trim the thread.



17. Unlock the screen.

18. Press the **Automatic Needle Threader** button.

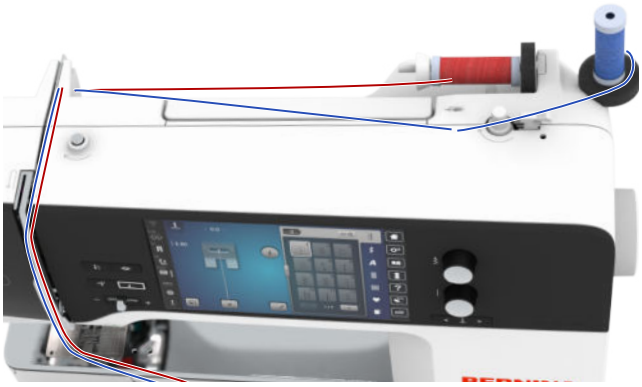
⇨ The thread is threaded into the needle.

Notes on the Automatic Needle Threader

- The Automatic Needle Threader is only suitable for threading a single needle. Always thread twin needles and triple needles by hand.
- The Automatic Needle Threader is suitable for needles of size 70 and above. Thread thinner needles by hand.
- The Automatic Needle Threader is not compatible with the following presser feet. If you are using one of these presser feet, thread the needle by hand.
  - Punch Tool #45
  - Walking Foot #50
  - Leather Roller Foot #55
  - Binder Attachment #85
  - Ruffler #86
  - Foot for Cut 'n' Sew Attachment #90

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 31]

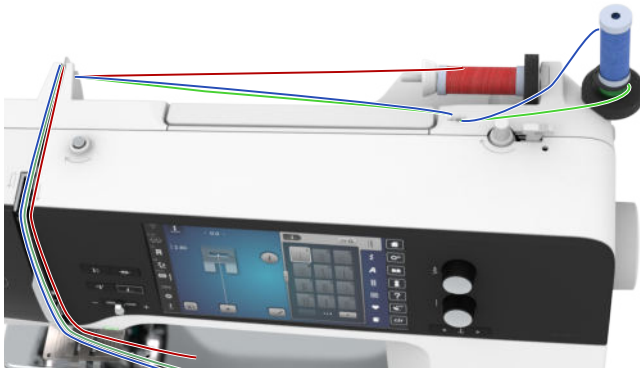


Note the following differences:

1. Place one foam 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 the thread of the vertical spool pin from right to left through the thread guide eyelet.
4. Guide both upper threads up to the thread tension disc in the same way as threading the single needle.
5. 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.
6. Guide the threads up to the needle in the same way as threading the single needle.
7. Thread both needles by hand.

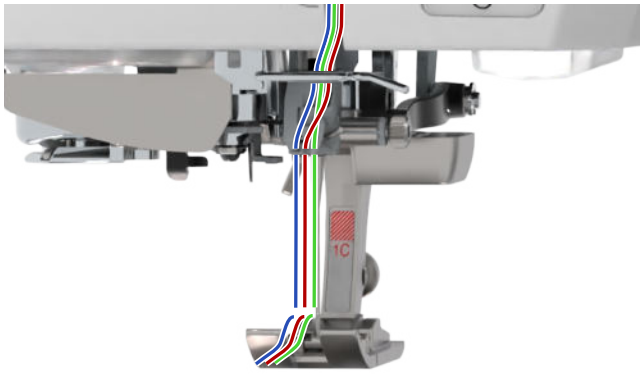
Threading the Triple Needle

To thread a triple needle, thread the three threads one after the other according to the instructions for the single needle. Start with the left needle. [▸ see page 31]



Note the following differences:

1. Place a foam plate, a spool and a matching spool disc on the horizontal spool pin.
2. Place a foam pad, a filled bobbin and a spool on the vertical spool pin in the opposite direction to the bobbin.
3. Guide the threads of the vertical spool pin from right to left through the thread guide eyelet.
4. Guide all upper threads up to the thread tension disc in the same way as threading the single needle.
5. Guide the threads of the vertical spool pin on the left-hand side past the thread tension disc and the thread of the horizontal spool pin on the right-hand side past the thread tension disc down.
6. Guide the threads up to the needle in the same way as threading the single needle.
7. Thread each a thread of the vertical spool pin into the left and right needle by hand.
8. Thread the thread of the horizontal spool pin into the center needle by hand.



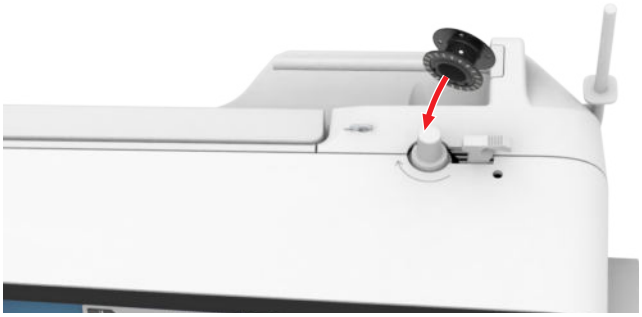
3.13 Bobbin Thread

For general sewing, we recommend using the same thread for the upper thread and the lower thread. Consult the Creative Consultant for thread recommendations with various applications and fabrics.

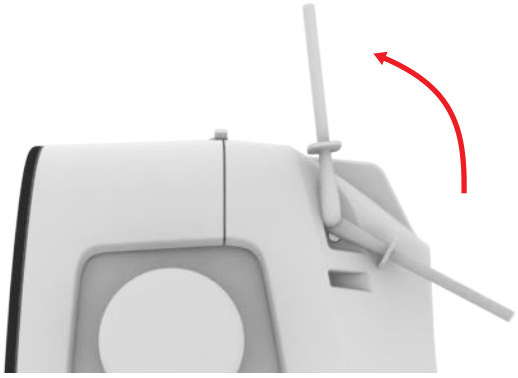
Bobbin Winding

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

1. Place an empty bobbin on the bobbin winder so that the silver sensor surface is facing downward.



2. Fold up the vertical spool pin.

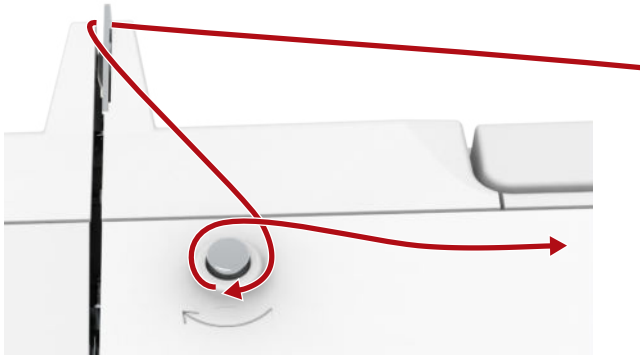


3. Place a foam pad and the spool on the vertical spool pin.

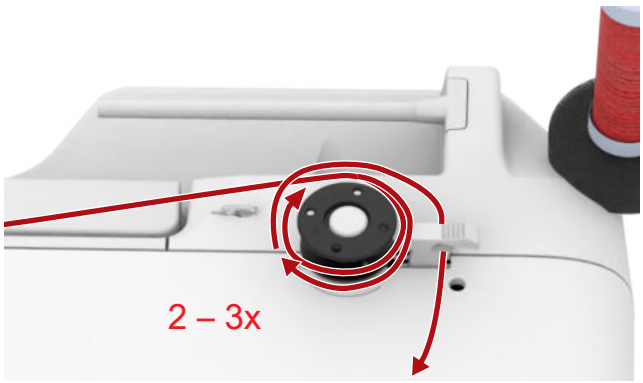


4. Guide the thread to the left into the rear thread guide.

5. Guide the thread around the bobbin winder pretension in the direction of the arrow.



6. Wind the thread 2 – 3 times around the bobbin in the direction of the arrow and cut it using the thread cutter on the engaging lever.

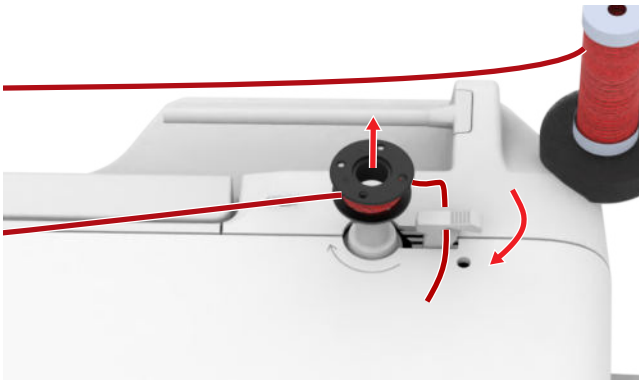


7. Push the engaging lever toward the bobbin.



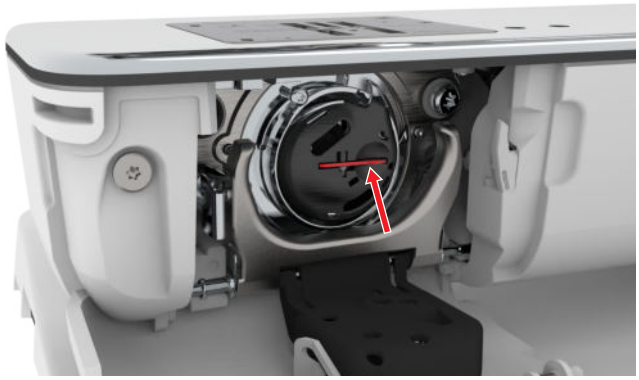
⇨ The winding will stop automatically when the bobbin is full.

8. To interrupt the winding process before it is complete, push the switch-on lever to the right.
9. Remove the bobbin and cut the thread using the thread cutter.

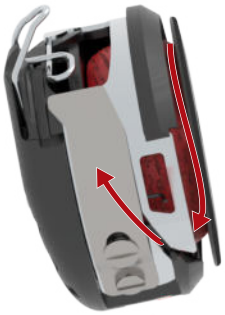


Threading the Bobbin Thread

1. Raise the needle.
2. Raise the presser foot.
3. Lock the screen.
4. Open the bobbin cover.
5. Press the latch on the right of the bobbin case and remove the bobbin case.



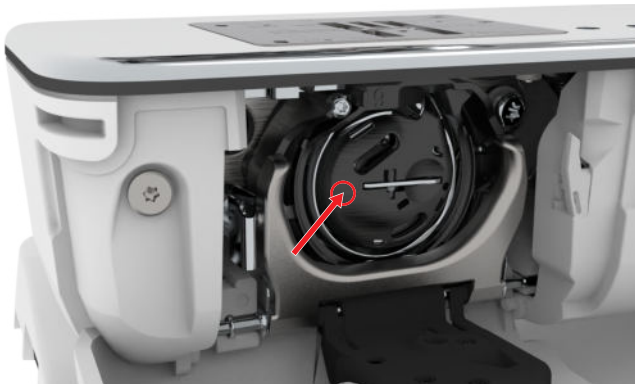
6. Remove the bobbin from the bobbin case.
7. Insert the new bobbin so that the silver sensor surface lies inside the bobbin case.
8. Guide the thread through the slot to the left.



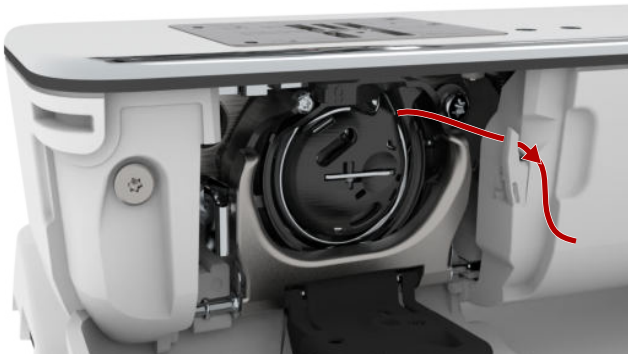
9. Pull the thread through under the spring and under the two thread guides.



10. When inserting the bobbin case, hold the bobbin case so that the wire of the thread guide points upward.
11. Insert the bobbin case. Press the left side of the bobbin case until the bobbin case engages.



12. Pull the thread over the thread cutter and cut.



13. Close the bobbin cover.
14. Unlock the screen.

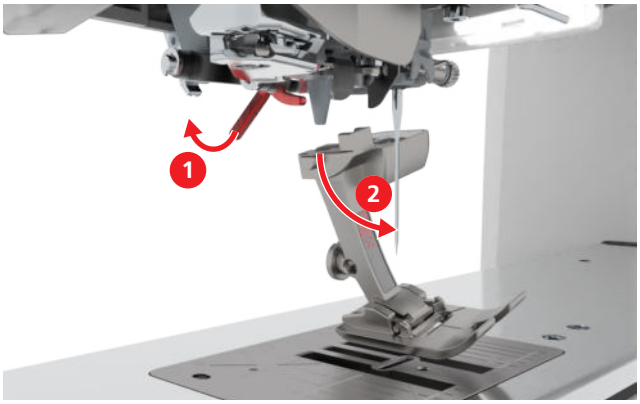
TIP

By tapping the icon **Bobbin Thread** ❁ instructions are displayed on how to insert the bobbin thread bobbin into the bobbin case.

3.14 Presser Foot

Changing the Presser Foot

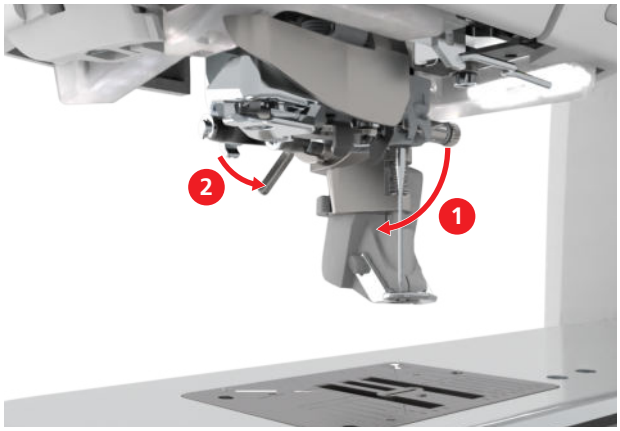
1. Raise the needle.
2. Raise the presser foot.
3. Lock the screen.
4. Press the clamping lever up and pull the presser foot downward to the side.



5. Guide the new presser foot into the holder from below and press the clamping lever down.
6. Unlock the screen.

Attach the BERNINA Stitch Regulator (BSR)

1. Lock the screen.
2. Attach the BSR Presser Foot.



3. Insert the cable of the presser foot into the BSR connection.



4. Unlock the screen.
   ⇨ The **BSR Mode** function is switched on and the BSR Settings are displayed.

Presser Foot Pressure

Sewing ▸ 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.

We recommend testing the setting before you start. If the fabric moves with some resistance, you can reduce the presser foot pressure. If the fabric slips easily beneath the presser foot, you can increase the presser foot pressure.

Recommendations for setting the presser foot pressure for different types of fabric and sewing techniques can be found in the consultant. [▸ see page 21]

Presser Foot Selection

Sewing ► Presser Foot



1 Recommended Presser Foot **2** Presser Foot Overview **3** Recommended **4** Search

Presser Foot Selection in the Status Bar recommends the appropriate Presser Foot based on the currently selected stitch pattern or embroidery design.

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.

Search

With the **Search** 🔍 function, you can search for the attached presser foot by entering the presser foot number.

Recommended

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

3.15 Fabric Feed

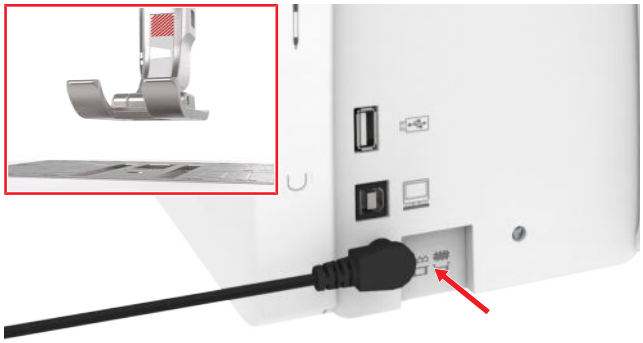
Feed Dog

Sewing ► 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, press the button **Feed Dog Up/Down**.



2. To raise the feed dog, unlock the button **Feed Dog Up/Down**.
   ⇨ The feed dog is fully raised after sewing the first stitch.



TIP

Tapping the Icon **Feed Dog** displays instructions on how to lower or raise the feed dog.

Dual Feed

The BERNINA Dual Feed feeds the upper fabric while the feed dog controls the bottom layer. This ensures a more even feed for many applications, including:

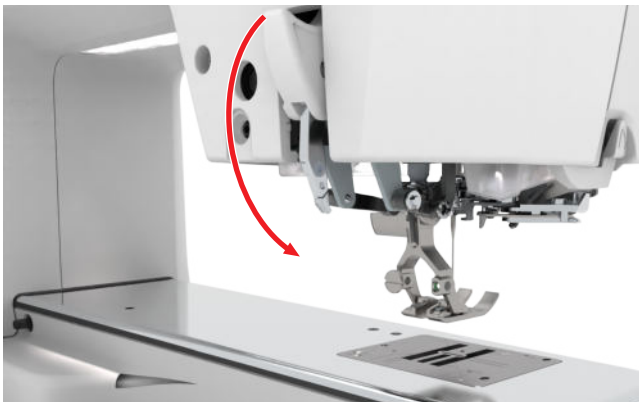
- Sewing seams and zippers
- Managing difficult fabrics such as: velvet, satins
- Matching pattern repeats, stripes and checks
- Knits and Fleece
- Patchwork: Accurate piecing, quilting and binding

Note: The BERNINA Dual Feed can only be used with presser feet with the designation D.

Switching On/Off the BERNINA Dual Feed

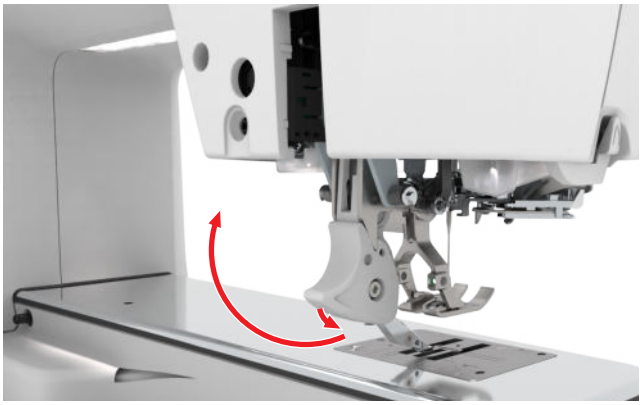
Engaging the BERNINA Dual Feed

1. Raise the presser foot.
2. Attach a D presser foot.
3. Push the dual feed down until it engages.



Disengaging the BERNINA Dual Feed

1. Raise the presser foot.
2. Pull the dual feed downward and let it slide backward and up.



3.16 Embroidery Module

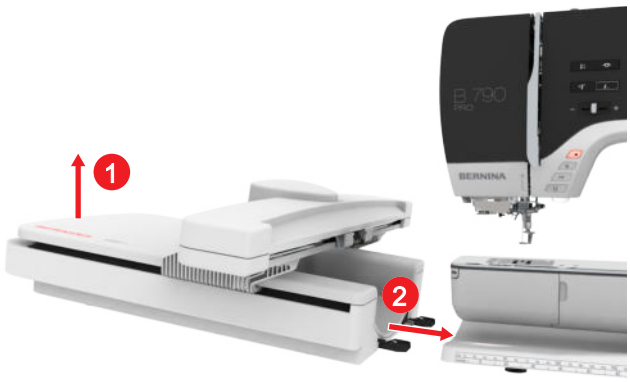
Connecting and Removing the Embroidery Module

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.

1. Lift the embroidery module on the left side.
2. Push and lower the embroidery module carefully from left to right into the embroidery module connection of the machine.



NOTICE

Lifting or moving the machine when the Embroidery Module is connected

Damage to the embroidery module connection and machine.

► Before lifting or moving the machine, detach the embroidery module.

Removing the Embroidery Module

► Lift the embroidery module on the left side and carefully pull it to the left.

Preparing the Embroidery Module for Transportation

Settings ► Machine ► Maintenance ► Packing Position

You can use the **Packing Position** function to move the embroidery arm to the packing position to store the embroidery module in its original packaging.

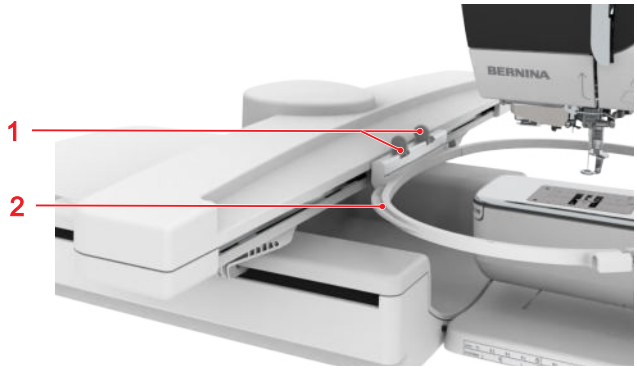
1. You can open the **Packing Position** function in the settings.
2. Follow the instruction on the screen.

Preparing the Embroidery Hoop

Prepare the embroidery hoop according to the hoop instructions. You can download the instructions for embroidery hoops at www.bernina.com.

Attaching and Removing the Hoop

Attaching the Hoop



1 Attaching Mechanism 2 Hoop

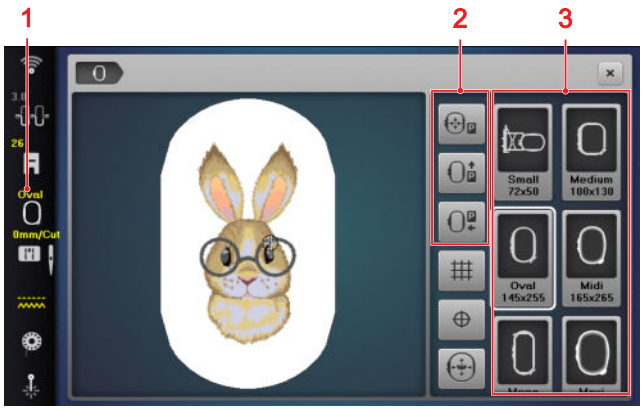
1. Raise the needle.
2. Raise the presser foot.
3. Hold the hoop with the right side of the fabric up with the attaching mechanism to the left.
4. Position the hoop below the presser foot.
5. Squeeze both attaching mechanisms of the hoop towards each other.
6. Position the embroidery hoop above the bracket of the embroidery arm.
7. Press the hoop down until it clicks in position.
8. Release the attaching mechanism.
9. Select the embroidery hoop on the machine. [▶ see page 39]
10. Before using the embroidery hoop for the first time or if the needle position and the center of the embroidery hoop are not aligned, calibrate the embroidery hoop on the machine. [▶ see page 44]

Removing the Embroidery Hoop

1. Squeeze both attaching mechanisms of the hoop towards each other.
2. Remove the hoop.

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** : To thread the needle more easily.
- **At the Rear** : To facilitate access to the hook area.
- **Sewing Position** : For sewing 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.

3.17 Machine Settings

Language

Settings ► Machine ► Language

With the **Language** setting, you can set the language of the user interface.

Display Brightness

Settings ► Machine ► Display and Lighting ► Display Brightness

With the **Display Brightness** setting, you can adjust the brightness of the screen.

Lighting

Settings ► Machine ► Display and Lighting ► Lighting

Use the settings **Lighting** to switch the sewing light on and off and adjust the brightness of the sewing light.

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.

My Dealer Information

Settings ► Machine ► Information ► My Dealer Information

With the **My Dealer Information** setting, you can enter the address of your BERNINA dealer for quick reference at any time.

Data Usage

Settings ► Machine ► Information ► Data Usage

With the setting **Data Usage** you can agree or object to the use of anonymized usage data by BERNINA for product improvement.

WiFi Connection

Settings ► Machine ► WiFi Connection

You can connect the machine to a WiFi network. This allows you to transfer embroidery designs from the BERNINA embroidery software to the machine or follow the embroidery process on the BERNINA Stitchout App.

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.

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.

If acoustic signals are activated in general, you can make the following adjustments:

- **File Selection** : To select different acoustic signals and to switch the acoustic signal on and off.
- **Functions and Icons** : To select different acoustic signals and activate and deactivate the acoustic signal.
- **Stitch Regulation** : Activate and deactivate the acoustic signal.

Monitoring Functions

Settings ► Monitoring Functions

The machine has monitoring sensors, which issue a warning if the upper thread or lower thread is broken or has 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 area **Machine Data** , the firmware and machine data are displayed.

3.18 Personal Settings

Welcome Message

Settings ► Personal ► Welcome Message

With the **Welcome Message** setting, you can enter a text to be displayed when the machine is switched on.

Background Color

Settings ► Personal ► Background Color

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

Background Pattern

Settings ► Personal ► Background Pattern

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

3.19 Sewing Settings

Upper Thread Tension

Settings ► Sewing ► Upper Thread Tension

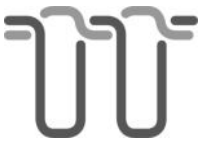
The upper thread tension is set optimally at the BERNINA factory. Mettler Metrosene/Serlon thread size 100/2 is used for the upper and bobbin thread.

If you use different types of sewing threads, the upper thread tension may vary. 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 is set, the tighter the upper thread is tensioned, and the bobbin thread is pulled deeper into the fabric. The lower the setting the lower the upper thread is tensioned, and the bobbin thread is pulled less deeply 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 1000 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:

- **Presser Foot Up/Down**
- **Thread Cutter**
- **Quick Reverse**
- **Tie-Off**
- **Needle Stop**
- **Pattern End**

Presser Foot Up/Down

Settings ► Sewing ► External Buttons ► Presser Foot Up/Down

With the **Presser Foot Height** function, you can set the height to which the presser foot is raised when the **Presser Foot Up/Down** button is pressed. Depending on the material thickness, you can raise the presser foot to 0 – 7 mm.

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.

Securing Stitches

If the function **Tie-Off** is activated, you can define the way how the securing stitches are sewn. The following options are available:

- **Secure in Place** : The securing stitches are sewn on the spot.
- **Running Stitches** •••• : Short securing stitches are sewn one after the other.
  If you have selected the **Running Stitches** •••• setting, you can set the count of securing stitches.

Quick Reverse

Settings ► Sewing ► External Buttons ► Quick Reverse

With the **Quick Reverse** function, you can set how the machine sews in reverse when the **Quick Reverse** button is pressed. The following functions are available:

- **Reverse** : The machine sews in reverse.
- **Backstep** : The machine sews the stitch pattern in reverse stitch by stitch according to the stitches sewn. This setting is particularly suitable for decorative stitches.

Tie-Off

Settings ► Sewing ► External Buttons ► Tie-Off

With the **Tie-Off** function, you can set which function is carried out when the **Tie-Off** button is pressed. The following functions are available:

- **Secure in Place** : The securing stitches are sewn on the spot.
- **Running Stitches** •••• : Short securing stitches are sewn one after the other.
  If you have selected the **Running Stitches** •••• setting, you can set the count of securing stitches.

Presser Foot Hover Position

Settings ► Sewing ► External Buttons ► Needle Stop

With the **Presser Foot Hover Position** function, you can set how high the presser foot is raised when the machine stops with the needle position down. The following options are available:

- **Low**: The presser foot remains lowered.
- **Medium**: The presser foot is raised to medium height.
- **High**: The presser foot is raised.

Pattern End

Settings ► Sewing ► External Buttons ► Pattern End

With the setting **Pattern End** , you can specify which additional functions are performed when the button **Pattern End** is pressed. The following functions are available:

- **Tie-Off**
- **Cut Upper and Lower Thread**
- **Raise Presser Foot**

You can combine the functions with each other.

Tie-Off

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

Securing Stitches

If the function **Tie-Off** is activated, you can define the way how the securing stitches are sewn. The following options are available:

- **Secure in Place** : The securing stitches are sewn on the spot.
- **Running Stitches** •••• : Short securing stitches are sewn one after the other.

If you have selected the **Running Stitches** •••• setting, you can set the count of securing stitches.

Cut Upper and Lower Thread

With the **Cut Upper and Lower Thread** function, you can switch the thread cut on and off.

Raise Presser Foot

With the **Raise Presser Foot** function, you can switch the raising of the presser foot on and off.

Foot Control

Settings ► Sewing ► Foot Control

The default setting **Needle Up/Down** is set for the back kick on the foot control. You can deactivate the standard function and set a combination of other functions.

Tie-Off

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

Securing Stitches

If the function **Tie-Off** is activated, you can define the way how the securing stitches are sewn. The following options are available:

- **Secure in Place** : The securing stitches are sewn on the spot.
- **Running Stitches** •••• : Short securing stitches are sewn one after the other.

  If you have selected the **Running Stitches** •••• setting, you can set the count of securing stitches.

Cut Upper and Lower Thread

With the **Cut Upper and Lower Thread** function, you can switch the thread cut on and off.

Raise Presser Foot

With the **Raise Presser Foot** function, you can switch the raising of the presser foot on and off.

3.20 Embroidery Settings

Upper Thread Tension

Settings ► Embroidery ► Upper Thread Tension

The upper thread tension is set optimally at the BERNINA factory. Mettler Metrosene/Serlon thread size 100/2 is used for the upper and bobbin thread.

If you use different types of sewing threads, the upper thread tension may vary. 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 is set, the tighter the upper thread is tensioned, and the bobbin thread is pulled deeper into the fabric. The lower the setting the lower the upper thread is tensioned, and the bobbin thread is pulled less deeply 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.

For a higher bobbin thread tension, use a bobbin case with a high thread tension (HTTBC).

Embroidery Speed

Settings ► Embroidery ► Embroidery Speed

The embroidery speed is specified in stitches per minute. The maximum embroidery speed is 1000 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.

TIP

You can also modify the embroidery speed during stitching using the foot control or the slide speed control. You can switch on the maximum embroidery speed for the current embroidery design while embroidering using the function **High Speed** .

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 cut automatically with connecting stitches.
  When this option is activated, you can specify at what connecting stitch length the thread should be cut.
- **On Thread Change** : The thread is cut automatically each time the thread is changed.
- **Thread Cut After Start** : When this function is activated, the machine stops after a few stitches and you can cut the thread end manually.

Thread Away

Settings ► Embroidery ► Thread Away

With the **Thread Away** function, you can set cut threads to be pulled to the rear of the fabric for cleaner embroidery on the top.

For embroidery designs with long stitches, it is recommended to switch off the function because the presser foot could get caught in the long stitches due to the rapid movement of the embroidery arm. The same risk applies when working with appliqué, water-soluble non-woven materials or other raised decorations such as buttons.

The **Thread Away** function should not be used if the **Thread Cutting** function is switched off.

Calibrating the Hoop

Settings ► Embroidery ► Hoop Calibration

Hoops must be calibrated when new and after every machine firmware update.

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. Activate the function **Laser** .
   ⇨ The laser indicates the exact position of the needle.
6. If the needle is not positioned exactly at the center of the template, center the needle using the arrow buttons.
7. Confirm the hoop calibration.

The setting is saved when the machine is switched off.

With the **Reset Calibration** function, you can delete an existing calibration.

Quilt Settings

Settings ► Embroidery ► Quilt Settings

With the **Quilt Settings** setting, you can set the stitch length for Customizable Quilt Designs in stitches per inch (SPI).

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.

Fabric Thickness

Settings ► Embroidery ► Fabric Thickness

With the **Fabric Thickness** function, you can set the thickness of the fabric. The set value affects the embroidery speed. The higher the value, the slower the machine embroiders so that the needle does not get stuck in thicker fabrics.

Securing Stitches

Settings ► Embroidery ► Securing Stitches

Secure at Beginning

With the **Secure at Beginning** function, you can switch the sewing of securing stitches at the beginning of the embroidery design on and off.

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

Secure at End

With the **Secure at End** function, you can switch the securing stitches at the end of the embroidery design.

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

Design Position

Settings ► Embroidery ► Design Position

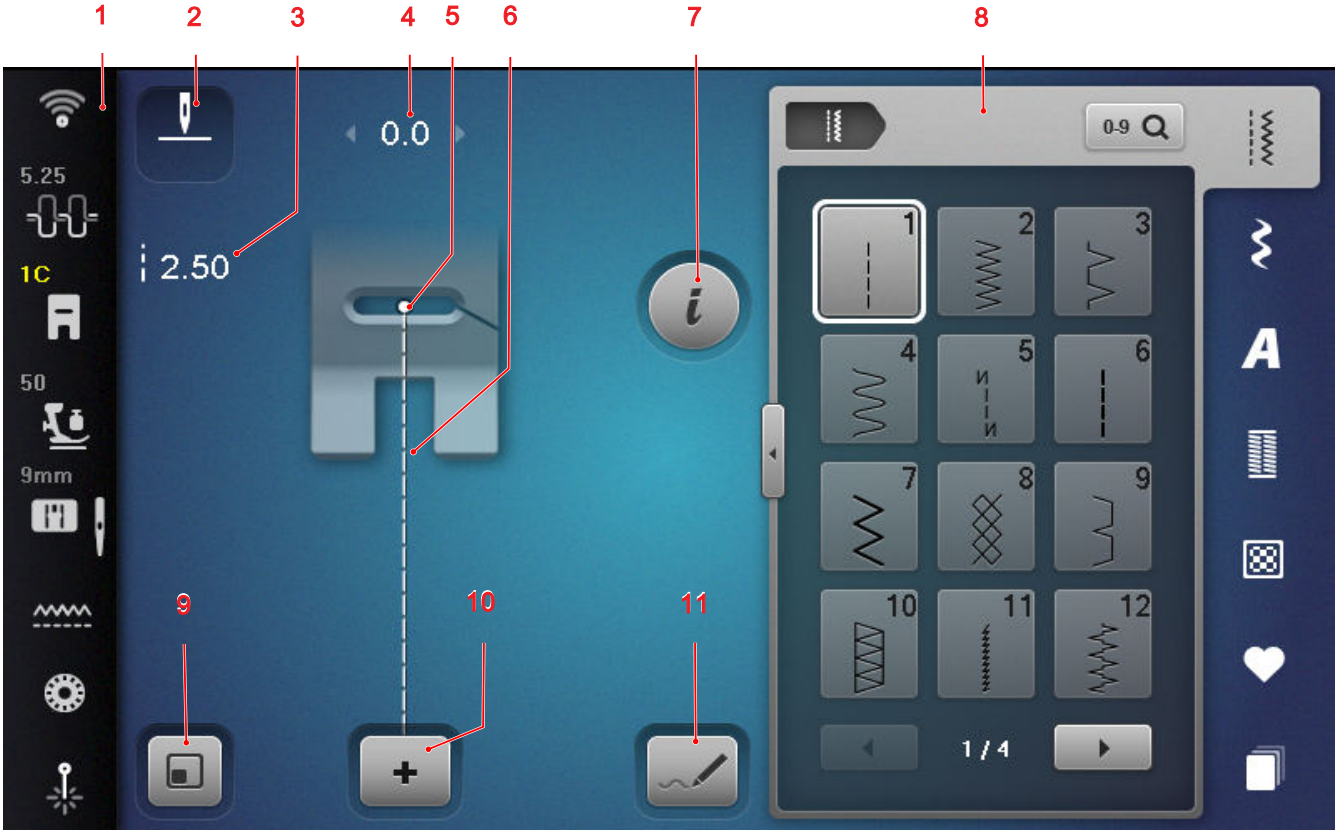
With the **Design Position** setting, you can set the standard positioning of the embroidery design in the hoop.

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 saved in your Personal Folder or to the position saved in BERNINA Embroidery Software. The setting is saved when the machine is switched off.

4 Sewing Screen

Sewing



1 Status Bar **2** Needle Stop **3** Stitch Length **4** Stitch Width **5** Needle Position **6** Stitch Preview **7** Edit **8** Stitch Selection **9** View **10** Combi Mode **11** Stitch Designer

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.

Stitch Length

With the **Stitch Length** function, you can adjust the length of the current stitch. [▶ see page 56]

Stitch Width

With the **Stitch Width** function, you can adjust the width of the current stitch. [▶ see page 56]

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 combination mode, you can select the individual stitches in the stitch preview.

Edit

With the **Edit** function, you can open the stitch pattern editing functions. [▶ see page 56]

View

With the **View** function, you can adjust the view of the stitch pattern to the size of the display and to hide the virtual presser foot.

Combi Mode

With the **Combi Mode** you can switch the Combi-mode on and off. [▶ see page 63]

Stitch Designer

With the **Stitch Designer** icon, you can open the **Stitch Designer** function and modify existing stitch patterns or design your own stitch pattern. [▶ see page 68]

4 Sewing Screen

4.1 Status Bar

The Status Bar displays the state of various functions. You can set or activate some functions directly via the respective icon. For other functions, you can call up additional settings via the icon.

The color of the icon shows the current state of the function.

- White: Default setting
- Yellow: Modified setting

WiFi

The icon **WiFi** shows the strength of the WiFi connection.

In the Settings, you can switch the WiFi connection on or off or set up the WiFi connection. [▶ see page 40]

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 41]

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 37]

Presser Foot Pressure

The **Presser Foot Pressure** icon shows the presser foot pressure.

You can open and change the presser foot selection by tapping the **Presser Foot Pressure** icon. [▶ see page 36]

Stitch Plate and Sewing Needle

The icon **Stitch Plate and Sewing Needle** indicates the selected needle and the selected stitch plate.

By tapping the icon, you can call up the needle and stitch plate overview and select the fitted needle and the fitted stitch plate. [▶ see page 30]

The icon **Stitch Plate and Sewing Needle** turns yellow if a needle other than the standard needle has been selected. The name of the icon **Stitch Plate and Sewing Needle** turns yellow if a stitch plate other than the standard stitch plate is selected.

Feed Dog

The **Feed Dog** status shows the position of the feed dog.

- **Feed Dog** (white): Feed Dog is up.
- **Feed Dog** (yellow): Feed Dog is down.

Tapping the icon **Feed Dog** displays an animation showing how the feed dog can be lowered/lifted.

Bobbin Thread

The **Bobbin Thread** status shows the fill capacity of the lower thread bobbin.

- White: Fill level of the bobbin thread is sufficient.

As soon as the fill level of the bobbin thread falls below a certain value, a fill level indicator is also displayed.

- Fill level indicator flashes red: bobbin thread quantity is low.

By tapping the icon **Bobbin Thread** , an animation on how to thread the bobbin thread is displayed.

Laser

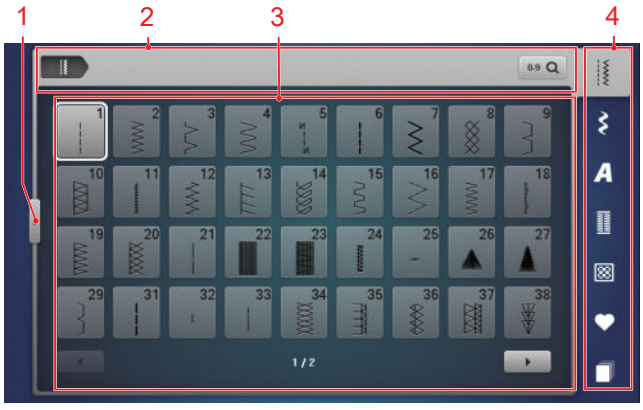
The **Laser** icon shows the status of the laser.

- White: Laser off.
- Yellow: Laser on.

By tapping the icon, you can switch the laser on and off.

The laser indicates the next stitch point in sewing mode and the exact needle position in embroidery mode. Depending on the presser foot and needle position, the entry point may be concealed by the presser foot. To avoid the deflection of the laser with transparent presser feet, you can lower the presser foot before the sewing start, e.g. with the Knee Lifter.

4.2 Stitch Selection



1 Fullscreen **2** Navigation Bar **3** Selection Area **4** Quick Access Bar

4 Sewing Screen

Navigation Bar

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

Search

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

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.

When you tap the desired stitch pattern in the preview, it is loaded.

Fullscreen

With the **Fullscreen** function, you can enlarge the selection area to the full screen width.

Quick Access Bar

Via the quick access bar, you can directly access the various folders of the stitch categories and your own folder as well as display the history.

Practical Stitches

In the **Practical Stitches** folder, you will find all practical stitches. [▶ see page 49]

Decorative Stitches

In the **Decorative Stitches** folder, you will find all decorative stitches collated into folders by categories. [▶ see page 51]

Alphabets

In the **Alphabets** folder, you will find all sewing alphabets. [▶ see page 52]

Buttonholes

In the **Buttonholes** folder, you will find all buttonholes, eyelets and the Button Sew-on Program. [▶ see page 53]

Quilt Stitches

In the **Quilt Stitches** folder, you will find all quilt stitches. [▶ see page 55]

Personal Folder

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

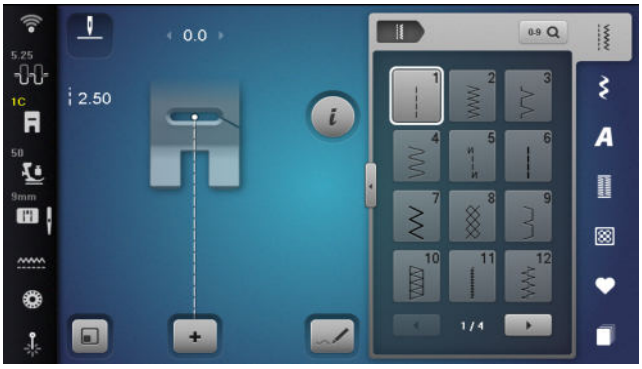
History

With the **History** function, you can display and choose the most recently sewn stitch patterns. The History is retained after restarting the machine.

5 Stitch Overview

5.1 Practical Stitches

Sewing ▸ 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 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.

5 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	Lycra Stitch	For flat joining seams, visible hems on lycra fabric 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.
	27	Small Fly Stitch	For reinforcing pocket openings, zippers and slits in fine to medium-weight fabrics.
	29	Narrow Blind Stitch	For blind hems and shell edging in fine and soft fabrics.

5 Stitch Overview

Stitch patterns	Stitch number	Name	Purpose
	31	Triple Straight Stitch with Long Stitch	For durable seams in heavy fabrics, e.g. visible and decorative seams.
	32	Single Straight Stitch	As a connecting stitch in a combination of one straight stitch.
	33	Three Single Straight Stitches	As connecting stitches in a combination of three individual straight stitches.
	34	Darning Stitch	For darning.
	35	Open Overlock Stitch	For sewing together and finishing knit fabrics with a reinforced edge.
	36	Overlock	For medium-weight knit fabrics.
	37	Reinforced Overlock Stitch	For sewing together and finishing knit fabrics.
	38	Chain Stitch	For decorative and reinforcing stitches on most woven fabrics.
	39	Cover Stitch Effect	To sew decorative seams and hems in heavy knits and woven fabrics.
	40	Cover Stitch Effect	To sew decorative seams and hems in heavy knits and woven fabrics.

5.2 Decorative Stitches

Sewing ▸ Decorative Stitches



Category	Name
100	Nature
200	Nature Sideways Motion
300	Cross Stitches
400	Satin

Category	Name
500	Satin Sideways Motion
600	Geometric
700	Heirloom
800	Heirloom Sideways Motion
900	Children
1000	Children Sideways Motion
1200	Filigree
1400	Tapering
1500	Banner
1600	Quilting Stitches Sideways Motion
1700	International
2000	Seasons
2200	Sport and Hobbies

5.3 Alphabets

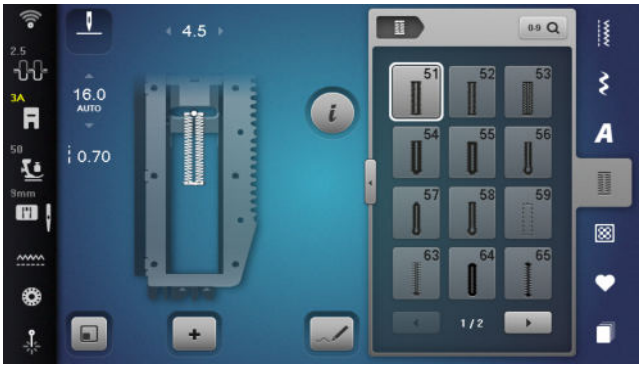
Sewing ▸ Alphabets **A**



Stitch Patterns	Name
ABCabc	Block
ABCabc	Comic
あいう	Hiragana
アイウ	Katakana
АБВабв	Cyrillic
АБВ абв	Cyrillic Italic
ABC	Monogram
ABC abc	Quilt
ABC abc	Script Italic
ABCabc	Double Block

5.4 Buttonholes

Sewing ▸ Buttonholes



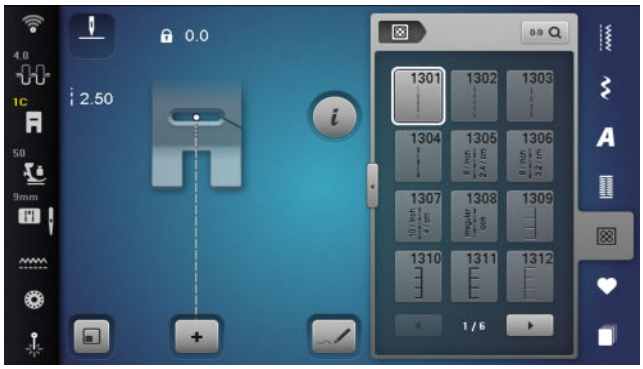
Stitch patterns	Stitch number	Name	Purpose
	51	Standard Buttonhole	For light to medium-weight fabrics. e.g. blouses, dresses and bed linen.
	52	Narrow Standard Buttonhole	For light to medium-weight fabrics, e.g. blouses, dresses, children's and baby clothes, crafts.
	53	Stretch Buttonhole	For all knit 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.
	63	Heirloom Buttonhole	For handlook stitching effects on clothes and handicrafts on light to medium-weight fabrics.
	64	Double-rounded Buttonhole	For medium-weight to heavy fabrics.

5 Stitch Overview

Stitch patterns	Stitch number	Name	Purpose
	65	Double-rounded Heirloom Buttonhole	For light to medium-weight, woven fabrics. e.g. blouses, dresses and bed linens.
	66	Narrow Buttonhole with Double Pointed Bartack	For decorative buttonholes in medium-weight fabrics, e.g. dresses and jackets.
	67	Round Buttonhole with Bartack	For medium-weight woven fabrics, e.g. blouses, dresses and jackets.
	68	Decorative Keyhole Buttonhole with Horizontal Bartack	For stronger, woven fabrics, e.g. jackets, coats and leisurewear.
	69	Decorative Buttonhole with Double Pointed Bartack	For decorative buttonholes in firmer woven fabrics.
	70	Decorative Stretch Buttonhole	For decorative buttonholes in light to medium-weight knit 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.
	62	Straight Stitch Eyelet	Openings for cords or narrow ribbons and for decorative work.

5.5 Quilt Stitches

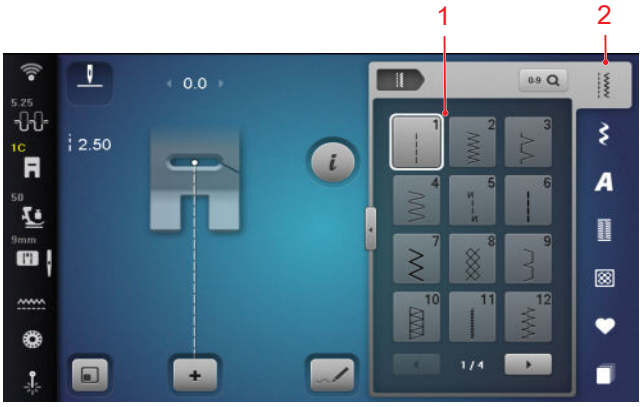
Sewing ▸ Quilt Stitches



Stitch	Number	Name	Purpose
	No. 1301	Quilting, Securing Program	To secure at the sewing start and end with short stitches forward.
	No. 1302	Quilting, Straight Stitch	For machine quilting using a straight stitch with a 3 mm stitch length.
	No. 1303	Piecing Stitch/Straight Stitch	For piecing quilt blocks together using a straight stitch with a 2 mm stitch length.
	No. 1304 – 1308	Hand-look Quilt Stitches	For imitating the look of hand quilting with monofilament thread.
	No. 1309 – 1312	Blanket Stitch	For appliqué.
	No. 1313 – 1314	Blanket Stitch	For sewing on the edge between two areas in crazy patchwork.
	No. 1315	Satin Stitch	For appliqué with more distinct seams.
	No. 1316	Narrow Blind Stitch	For edging and appliqué with minimally visible seams.
	No. 1317 – 1330	Decorative Quilting Stitches	For quilting, crazy patchwork, embellishing and finishing.
	No. 1331	Stippling Stitch	For quilting, crazy patchwork, embellishing and finishing.
	No. 1332 – 1338	Feather Stitch	For quilting, crazy patchwork, embellishing and finishing.
	No. 1339 – 1346	Decorative Quilting Stitches	For quilting, crazy patchwork, embellishing and finishing.
	No. 1363 – 1389	Decorative Quilting Stitches	For quilting, crazy patchwork, embellishing and finishing.

6 Prepare and Edit Stitch Pattern

6.1 Load Stitch Pattern



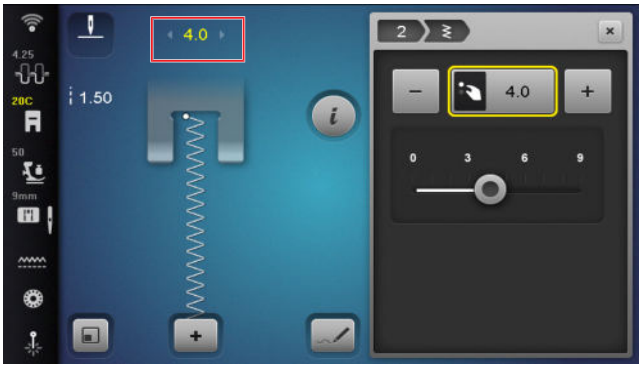
1 Selection Area **2** Quick Access Bar

1. Tap the stitch category in the Quick Access Bar.
2. Find and select the desired stitch pattern in the selection area.
   ⇨ The stitch pattern is displayed in the stitch preview.

Further information on the selection area can be found in the stitch selection. [▸ see page 47]

6.2 Stitch Pattern Editing

Stitch Width



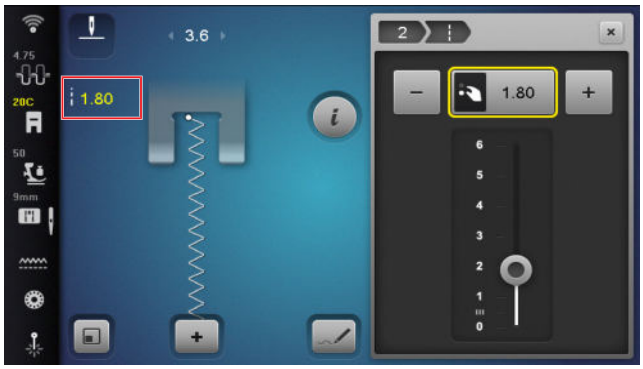
The recommended stitch width is indicated for each stitch. You can modify the stitch width for most stitches, alphabets and buttonholes. The stitch width depends on the needle used, the presser foot and the stitch plate.

The machine checks the compatibility between the needle, stitch plate and stitch. To do this, the attached stitch plate and needle must be selected in the Status Bar with the **Stitch Plate and Sewing Needle** icon. If the stitch cannot be sewn with the fitted needle and the fitted stitch plate, the stitch is displayed in red.

TIP

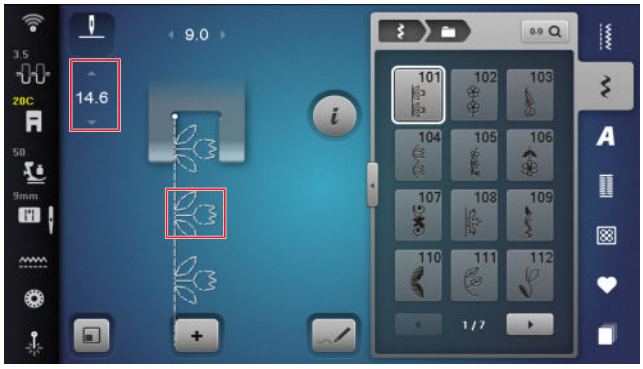
You can also modify the stitch width during sewing with the Upper Multi-function Knob.

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 Lower Multi-function Knob.

6 Prepare and Edit Stitch Pattern

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 99 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.

Mirror Left/Right

Sewing ▸ Edit ▸ Mirror Left/Right

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

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 Counter

Sewing ▸ Edit ▸ Stitch Counter

With the **Stitch Counter** function, you can save the length of a seam for some stitch patterns based on the count of stitches sewn. The number of stitches counted is displayed on the Sewing Screen and saved until the machine is switched off. [▸ see page 58]

Balance

Sewing ▸ Edit ▸ Balance

With the **Balance** function, you can fine tune any stitch patterns that are not sewn correctly due to the selected fabric.

Compare a sewn sample with the display in the **Stitch Preview** section and adjust the balance so that the preview corresponds to the incorrectly sewn stitch pattern.



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.

TIP

To adjust satin stitches so that they can be sewn larger, also change the stitch density. [▸ see page 57]

Stitch Density

Sewing ▸ Edit ▸ Stitch Pattern Length ▸ Stitch Density

You can use the **Stitch Density** function to change the stitch density for some decorative satin stitches (e.g.) by adjusting the stitch distance.

- If you increase the stitch spacing, the stitch density is reduced and the threads are further away.
- If you reduce the stitch spacing, the stitch density increases and the threads are closer together.

The length of the stitch pattern is not affected.

Triple Stitch

Sewing ▸ Edit ▸ Triple Stitch

With the **Triple Stitch** function, triple stitches are sewn three times (forward-backward-forward) for more pronounced or reinforced stitching. Not applicable with satin and some decorative stitches.

TIP

This function is particularly suitable for topstitching with decorative seams if you do not have a thicker thread available. If you are using a thick thread in a contrasting color, this will produce a striking, decorative seam.

Long Stitch

Sewing ▸ Edit ▸ Long Stitch

With the **Long Stitch** function, the machine only sews every second stitch.

You can use the **Long Stitch** function to create new stitch patterns. Satin stitches are not changed. If you combine the **Long Stitch** function with the straight stitch, you can easily create basted seams. At a stitch length of 6 mm, the machine sews 12 mm long basting stitches.

Directional Sewing

Sewing ▸ Edit ▸ Directional Sewing

With the **Directional Sewing** function, you can sew stitch patterns in any direction without having to rotate the fabric.

The #40C presser foot must be attached in order to use the **Directional Sewing** function.

TIP

- Stabilize the fabric.
- Guide the fabric lightly with your fingertips.
- Use the guide lines on the Slide-on Table to guide the fabric in a straight line.
- Draw parallel guide lines to keep the fabric parallel to the presser foot.

TIP

You can also modify the sewing direction in 0.5° increments during sewing using the multi-function knobs.

Alphabet Font Size

Sewing ▸ Edit ▸ Alphabet Font Size

You can use the **Alphabet Font Size** function to set the font size of selected alphabets.

Reverse

Sewing ▸ Edit ▸ Reverse

With the **Reverse** function, you can sew in reverse without pressing and holding the **Quick Reverse** button.

Backstep

Sewing ▸ Edit ▸ Backstep

With the **Backstep** function, you can perform precise backwards stitching. The machine ensures that the stitches sewn in reverse are sewn precisely over the stitches sewn forward. This allows you to secure decorative stitches or make individual stitch patterns bolder by sewing over them several times.

New Default

Sewing ▸ Edit ▸ New Default

With the **New Default** function, you can save a modified stitch pattern as the new standard setting. Each time you select the stitch pattern in the selection area, it will be opened with the new settings.

Back to Default

Sewing ▸ Edit ▸ Back to Default

If you load a stitch with new default settings, the changed settings and the **Edit** icon are displayed in yellow on the sewing screen.

With the **Back to Default** function, you can reset the settings of the stitch pattern to the factory default.

Using the Stitch Counter

Sewing ▸ Edit ▸ Stitch Counter

Prerequisite:

- A stitch pattern is selected.

1. Tap the **Stitch Counter** icon.
   ⇨ In the info bar the **Stitch Counter** and **Repeat** icons are shown and the **Quick Reverse** icon flashes.



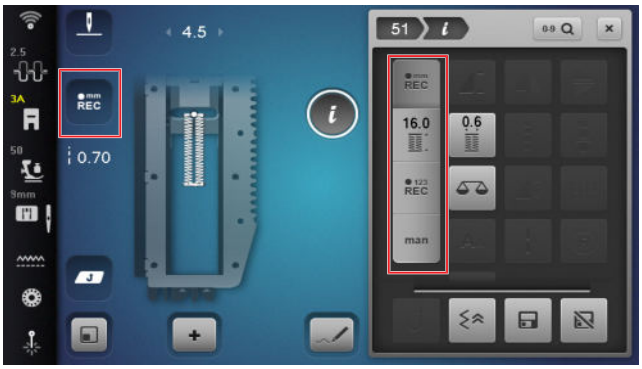
2. Sew the desired length.
3. Press the button **Quick Reverse** .
   ⇨ The **Stitch Counter** display changes to **AUTO** and shows the length of the saved seam.
   ⇨ As soon as the stitch pattern is sewn again, the machine stops after the saved stitch number.
   ⇨ The stitch count is saved until it is overwritten or cleared.
4. To access the saved stitch count after deactivating the function, tap the **Stitch Counter** icon twice, until **AUTO** appears.



6.3 Buttonholes

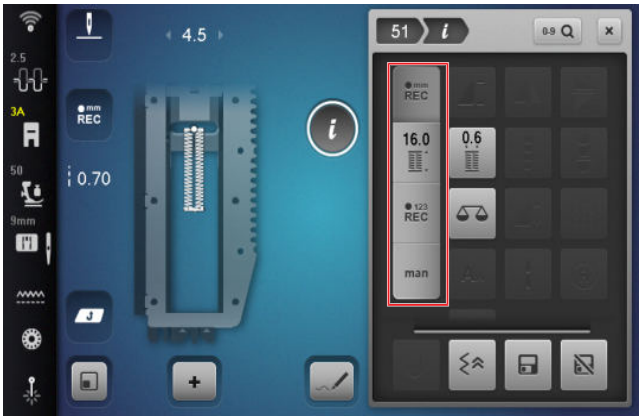
For buttonholes, you can set the buttonhole length and width. As soon as a buttonhole stitch is loaded, the buttonhole options are displayed in the editing functions.

The selected mode or the programmed buttonhole length is displayed on the sewing screen.



Buttonhole Length

Sewing ▸ Edit



To set the buttonhole length, the following modes are available:

- **Record mm** REC : Program the buttonhole length in mm. [▸ see page 59]
- **Auto Length** : Adjust the buttonhole length to the button size. [▸ see page 59]
- **Stitch Counter** REC : Program the buttonhole length with the stitch counter. [▸ see page 60]
- **Sew Manually** man : Sew the buttonhole manually. [▸ see page 60]

Record the Buttonhole Length in mm

Sewing ▸ Edit ▸ Record mm REC

In the mode **Record mm** REC , the machine measures the sewn length of the first bead and saves it. The machine finishes the buttonhole automatically.

Prerequisite:

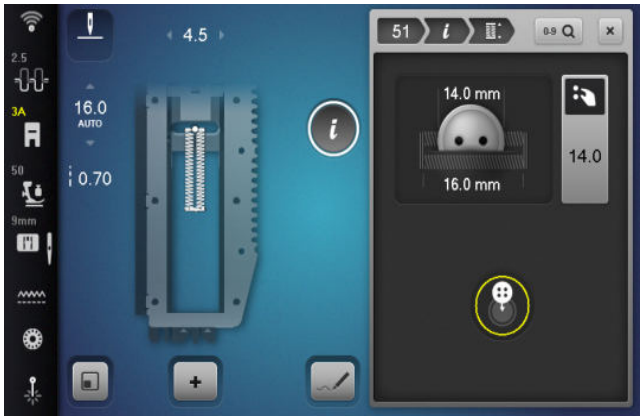
- A buttonhole is loaded.
- The recommended presser foot is attached.

1. Tap the **Record mm** REC icon.
   ⇨ The **Reverse** icon flashes on the Sewing Screen.
2. Sew the first bead and press the **Quick Reverse** button at the desired length.
   ⇨ The machine will complete the buttonhole.
   ⇨ The machine switches to **Button Size** mode and all additional buttonholes are automatically sewn to the displayed length in mm.
   ⇨ The buttonhole length remains saved until it is overwritten, cleared or the machine is switched off.

Adjusting the Buttonhole Length to the Button Size

Sewing ▸ Edit ▸ Auto Length

In **Auto Length** mode, the length of the buttonhole is automatically adjusted to the size of the button.



Prerequisite:

- A buttonhole is loaded.
- The recommended presser foot is attached.

1. Tap the **Auto Length** icon.

2. Place the button in the measuring circle on the screen and adjust the size of the measuring circle to the size of the button.
   ⇨ The measured buttonhole length is displayed in the Sewing Screen.
3. Sew the buttonhole.
   ⇨ The buttonhole length remains saved until it is overwritten, cleared or the machine is switched off.

Programming the Buttonhole Length with the Stitch Counter

Sewing ► Edit ► Stitch Counter

You can program the buttonhole length in **Stitch Counter** mode. The machine sews the left bead forward, the lower bartack, the right bead in reverse and finally the upper bartack. The length of the right bead is not automatically adjusted to the length of the left bead, but must be separately programmed.

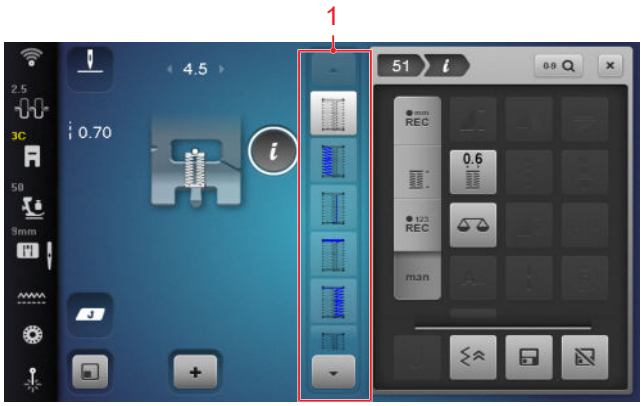
Prerequisite:
- A buttonhole is loaded.
- The recommended presser foot is attached.

1. Tap the **Stitch Counter** icon.
2. Sew the left bead and stop at the desired length.
   ⇨ The **Reverse** icon flashes on the Sewing Screen.
3. Press the **Quick Reverse** button.
   ⇨ The machine sews the lower bartack and starts to sew the right bead in reverse.
   ⇨ The **Reverse** icon flashes on the Sewing Screen.
4. Stop the left bead at the height of the first stitch and press the **Quick Reverse** button.
   ⇨ The machine sews the upper bartack.
   ⇨ The lengths of the beads are saved.
   ⇨ All additional buttonholes are sewn with the saved count of stitches.
   ⇨ The buttonhole length remains saved until it is overwritten, cleared or the machine is switched off.

Sewing a Buttonhole Manually

Sewing ► Edit ► Sew Manually man

In the mode **Sew Manually** man , you can sew buttonholes segment by segment. The individual segments of the buttonhole are displayed in the Buttonhole bar. Every time you have sewn a segment, you can move to the next segment by pressing the **Quick Reverse** button.



1 Buttonhole Bar

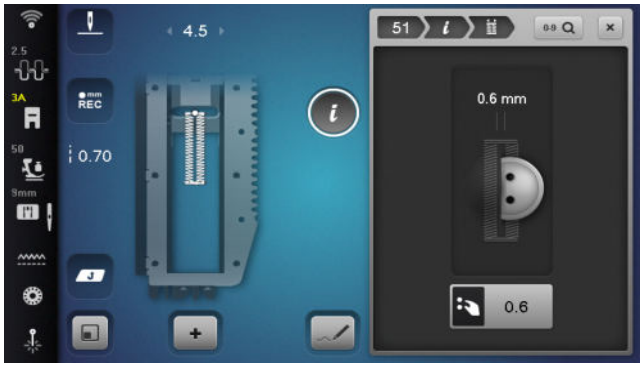
Prerequisite:
- A buttonhole is loaded.
- The recommended presser foot is attached.

1. Tap the **Sew Manually** man icon.
   ⇨ The individual segments are displayed in the Buttonhole bar.
   ⇨ Segment 1 is active.
2. Sew the left buttonhole bead and stop the machine at the desired length.
   ⇨ Segment 2 is active during sewing.
3. To switch to the next segment, tap the **Quick Reverse** button or stop the machine and select the next segment in the buttonhole bar.
4. Finish sewing the buttonhole segment by segment.

Slit Width

Sewing ► Edit ► Slit Width

With the **Slit Width** function, you can set the width of the slit between 0.1 and 2.0 mm. If you make a significant change to the slit width, you may also have to adjust the stitch width and the stitch length.



TIP

Set a wide slit width for thick buttons on heavy fabrics. To reinforce the buttonhole, increase the stitch width and shorten the stitch length.

Set a narrow slit width for thin buttons on light fabrics. To make the buttonhole lighter, reduce the stitch width and increase the stitch length.

6.4 Tapering Stitches

Tapering stitches are decorative stitches that taper off at the beginning and at the end. You can edit the tips and the length of the tapering stitches. As soon as a tapering stitch is loaded the **Tapering Options** icon appears in the editing menu.

- **Length**: Adjust the overall length.
- **Tips** : For modifying the style of the tips.

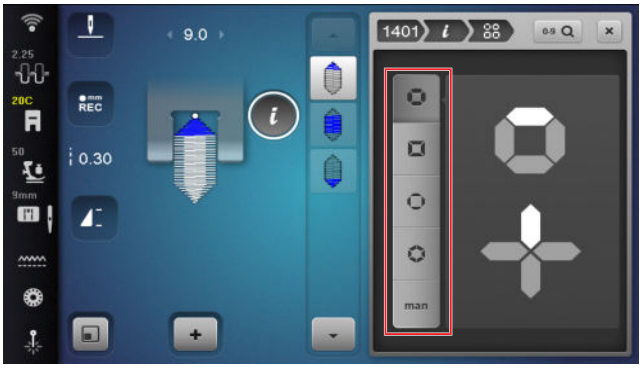


Tips

Sewing ▸ Edit ▸ Tapering Options

With the **Tips** function, you can adjust the tips of the tapering stitches. You can choose from 4 predefined tips and use the **Adjust Manually** man function

to adjust the lateral position and the angle of the selected tip.



Lace

Sewing ▸ Edit ▸ Tapering Options ▸ Adjust Manually man

With the **Lace** setting, you can move the tips of the tapering stitches to the side from the far left to the far right.

Angle

Sewing ▸ Edit ▸ Tapering Options ▸ Adjust Manually man

With the **Angle** setting, you can adjust the angle of the tips between 0° and 90°.

Length

Sewing ▸ Edit

With the **Length** function, you can adjust the overall length of stitch pattern. The following functions are available:

- **Record mm**
- **Adjust Length**
- **Sew Manually** man

Record mm

Sewing ▸ Edit ▸ Record mm

With the **Record mm** function, you can sew the desired length and save it with the **Reverse** button. Additional tapering stitches with this stitch pattern are sewn at the same length. The setting remains saved until it is overwritten, cleared or the machine is switched off.

Adjust Length

Sewing ▸ Edit ▸ Adjust Length

With the **Adjust Length** function, you can adjust the desired overall length im mm. The machine automatically sews the tapering stitch.

Sew Manually

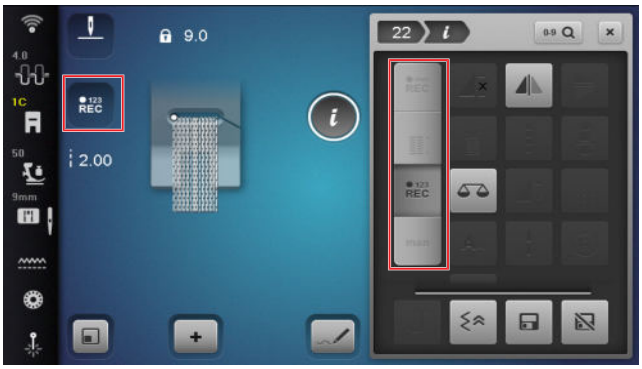
Sewing ▸ Edit ▸ Sew Manually man

With the **Sew Manually** man function, you can sew the middle section freely for each tapering stitch. The machine sews the first tip and automatically switches to the middle section. As soon as you press the **Reverse** button, the machine sews the second tip. The sewn length is not saved.

6.5 Darning Program

You can set the darning length in the darning program. As soon as a darning stitch is selected, the modes for the darning length are displayed in the editing menu.

The selected mode or the programmed darning length is displayed on the sewing screen.



Darning Length

Sewing ▸ Edit

To set the daring length, the following modes are available:

For Simple Darning Program No. 22:

- **Stitch Counter** : Program the darning length with the stitch counter. [▸ see page 62]

For Reinforced Darning Program No. 23:

- **Record mm** : Program the darning length in mm. [▸ see page 62]
- **Auto Length** : Set the auto darning length. [▸ see page 62]

Sewing the Darning Length with the Stitch Counter

Sewing ▸ Edit ▸ Stitch Counter

In the mode **Stitch Counter** , the machine counts the stitches of the first-sewn length and saves it. The machine finishes the darning program automatically.

Prerequisite:

- The Darning Program No. 22 is loaded.
- The recommended presser foot is attached.

1. Tap the **Stitch Counter** icon.
   ⇨ The **Reverse** icon flashes on the Sewing Screen.
2. Sew the first row and press the **Quick Reverse** button at the desired length.
   ⇨ The machine will complete the darning program.
   ⇨ The darning length remains saved until it is overwritten, cleared or the machine is switched off.

Record the Darning Length in mm

Sewing ▸ Edit ▸ Record mm

In the mode **Record mm** , the machine measures the sewn length and saves it. The machine finishes the darning program automatically.

Prerequisite:

- The Darning Program No. 23 is loaded.
- The recommended presser foot is attached.

1. Tap the **Record mm** icon.
   ⇨ The **Reverse** icon flashes on the Sewing Screen.
2. Sew the first row and press the **Quick Reverse** button at the desired length.
   ⇨ The machine will complete the darning program.
   ⇨ The darning length remains saved until it is overwritten, cleared or the machine is switched off.

Sew the Darning Length Automatically

Sewing ▸ Edit ▸ Auto Length

In the mode **Auto Length** , you can set the darning length in millimeters. The machine automatically finishes the darning program with the set darning length.

Prerequisite:

- The Darning Program No. 23 is loaded.
- The recommended presser foot is attached.

1. Tap the **Auto Length** icon.
2. Set the darning length.
3. Sew the darning program.
   ⇨ The machine will complete the darning program.
   ⇨ The darning length remains saved until it is overwritten, cleared or the machine is switched off.

6.6 Administering Stitch Patterns

Load Stitch Pattern

Sewing ▸ Personal Folder ♥ ▸ Load Stitch Pattern

With the function **Load Stitch Pattern** you can upload your own stitch patterns from the folder **Personal Folder** ♥ or from the USB stick.

Save Stitch Pattern

Sewing ▸ Personal Folder ♥ ▸ Save Stitch Pattern

With the function **Save Stitch Pattern** , you can save modified stitch patterns as your own stitch patterns in the folder **Personal Folder** ♥ . To do this, you must select the folder in which the stitch pattern is to be saved.

You can also save changed stitch patterns on a USB stick. [▸ see page 21]

Deleting Stitch Pattern

Sewing ▸ Personal Folder ♥ ▸ Deleting Stitch Pattern

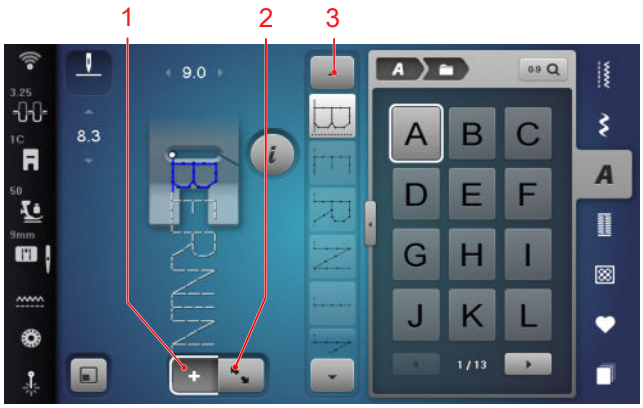
With the function **Deleting Stitch Pattern** , you can delete stitch patterns in the folder **Personal Folder** ♥ or on the USB stick.

6.7 Stitch Pattern Combination

Combi Mode

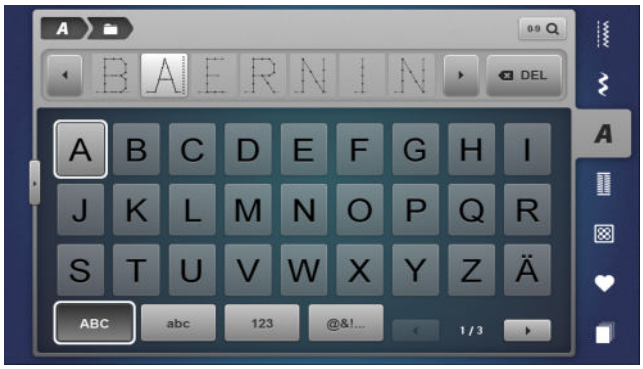
In combination mode, you can combine stitch patterns and letters to create stitch pattern combinations or lettering. Stitch pattern combinations can be saved and sewn out as one stitch pattern.

You can call up additional editing functions for stitch pattern combinations via the icon **Extended Edit Mode** .



1 Combi Mode **2** Extended Edit Mode **3** Combination Bar

In the full-screen view, you can select the alphabet stitches specifically via the icons (upper and lower case letters and special characters), navigate between the individual stitch patterns and delete them.



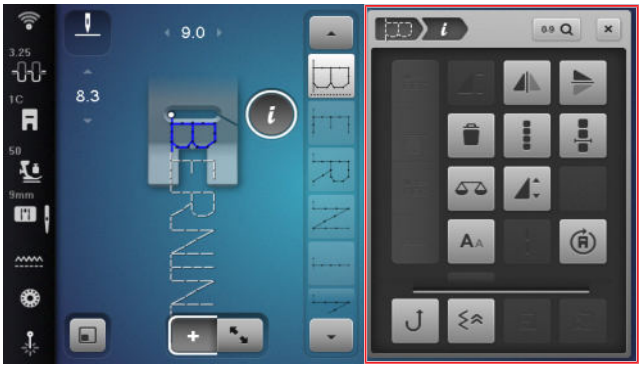
Creating Stitch Pattern Combinations

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 in the combination bar, after the stitch selected, and displayed in the Stitch Preview.
   ⇨ The combination can be sewn and/or saved.

Editing Functions

Sewing ▸ Combi Mode ▸ Edit



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

You can use the function **Delete** to remove the selected stitch pattern from the combination.

TIP

You can also drag and drop selected stitch patterns out of the combination bar to the left to remove them.

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.

Unify Length

Sewing ▸ Combi Mode ▸ Edit ▸ Editing a Stitch Pattern Combination ▸ Stitch Length ▸ Unify Length

With the **Unify Length** function, you can set the length of all stitch patterns in the combination to match the longest stitch pattern. The **Unify Length** function is only available if the entire combination is selected.

Unify Width

Sewing ▸ Combi Mode ▸ Edit ▸ Editing a Stitch Pattern Combination ▸ Stitch Width ▸ Unify Width

With the **Unify Width** function, you can set the width of all stitch patterns in the combination to match the widest stitch pattern. The **Unify Width** function is only available if the entire combination is selected.

Edit Combination at Cursor Position

Sewing ▸ Combi Mode ▸ Edit ▸ Edit Combination at Cursor Position

With the **Edit Combination at Cursor Position** function, you can define the position of the cursor after which stitch pattern section one of the following functions is to be inserted:

- Subdivide
- Interrupt
- Tie-Off

Move

Sewing ▸ Combi Mode ▸ Extended Edit Mode ▸ Edit ▸ Move

With the **Move** function, you can move individual stitch patterns in combination horizontally and vertically. Connectors are inserted between the moved stitch pattern and the stitch pattern combination. These connectors are not stitched but are movements of the feed dog. When these are inserted the combination is now a Sideways Motion pattern.

Move Multiple Stitches

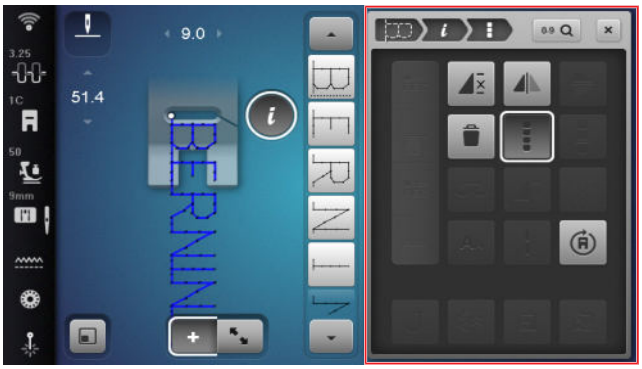
Sewing ▸ Combi Mode ▸ Extended Edit Mode ▸ Edit ▸ Move Multiple Stitches

You can use the **Move Multiple Stitches** function to move several contiguous stitches starting from the currently selected point.

TIP

You can also move points using the multi-function knobs.

Editing a Stitch Pattern Combination



Repeat

Sewing ▸ Combi Mode ▸ Edit ▸ 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.

Mirror Left/Right

Sewing ▸ Combi Mode ▸ Edit ▸ Editing a Stitch Pattern Combination ▸ Mirror Left/Right

You can use the function **Mirror Left/Right** to mirror a stitch pattern combination along the vertical axis.

Delete

Sewing ▸ Combi Mode ▸ Edit ▸ Editing a Stitch Pattern Combination ▸ Delete

You can use the function **Delete** to delete the complete stitch pattern combination.

TIP

To delete the stitch pattern combination, you can also drag the stitch pattern combination to the left out of the combination bar.

Directional Sewing

Sewing ▸ Combi Mode ▸ Edit ▸ Editing a Stitch Pattern Combination ▸ Directional Sewing

With the **Directional Sewing** function, you can sew stitch pattern combination in any direction without having to rotate the fabric.

The #40C presser foot must be attached in order to use the **Directional Sewing** function.

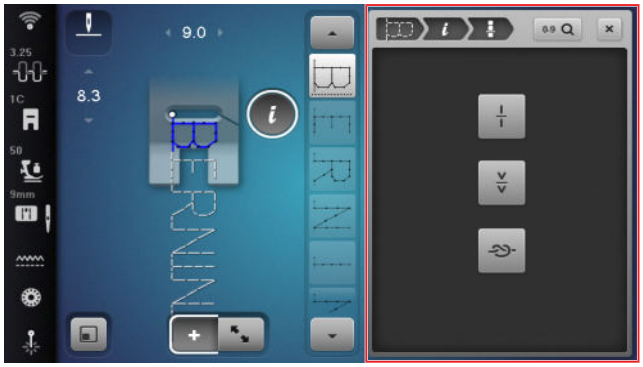
TIP

- Stabilize the fabric.
- Guide the fabric lightly with your fingertips.
- Use the guide lines on the Slide-on Table to guide the fabric in a straight line.
- Draw parallel guide lines to keep the fabric parallel to the presser foot.

TIP

You can also modify the sewing direction in 0.5° increments during sewing using the multi-function knobs.

Edit Combination at Cursor Position



Combination Subdivider

Sewing ▸ Combi Mode ▸ Edit ▸ Edit Combination at Cursor Position ▸ Combination Subdivider

With the **Combination Subdivider** function, you can subdivide the stitch pattern combination at various positions. The subdivision is inserted below the cursor. Only the section of the stitch pattern combination in which the cursor is located is sewn. To sew the next section, the cursor must be placed in this section.

Combination Interruption

Sewing ▸ Combi Mode ▸ Edit ▸ Edit Combination at Cursor Position ▸ Combination Interruption

With the **Combination Interruption** function, you can stop the machine automatically after any stitch pattern in the combination. This function is well suited when writing addresses or verses, creating name lists or clothing labels, among other purposes.

Tie-Off

Sewing ► Combi Mode ► Edit ► Edit Combination at Cursor Position ► Tie-Off

With the **Tie-Off** function, you can automatically insert securing stitches after any stitch pattern in the 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** .

Deleting a Stitch Pattern Combination

Sewing ► Personal Folder ► Deleting a Stitch Pattern Combination

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

7 Securing

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

At the Beginning of the Seam

- If the **Securing Stitches** function is switched on in the sewing settings before sewing begins, the machine secures automatically.
  - When starting to sew after threading with the needle threader.
  - If the button **Thread Cutter** ✂ was pressed at the end of the previous seam.
- Manually sew a few stitches forward, then backward, then forward again.
- Press the **Tie-Off** button before starting to sew.
- With a back-kick on the foot control, if the **Tie-Off** function is switched on for the back-kick.

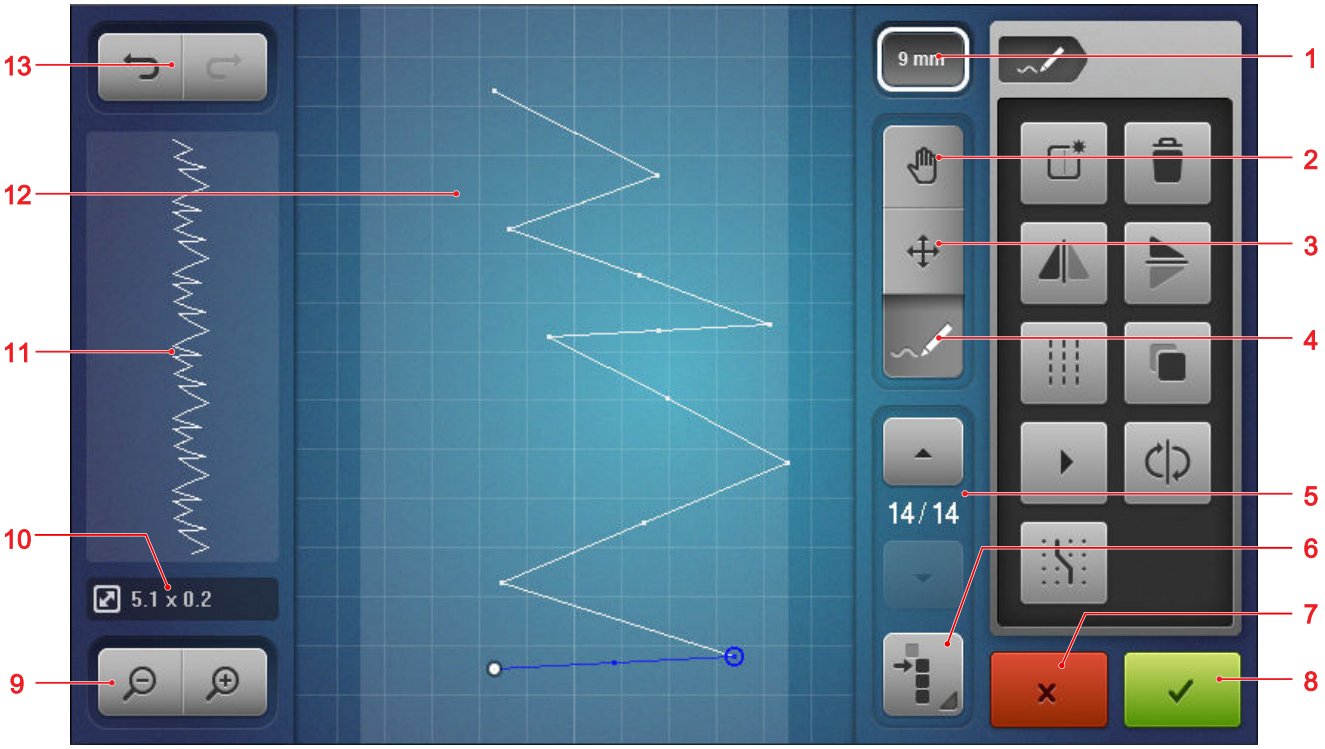
At the End of the Seam

- Manually sew a few stitches backward, then forward again.
- Press the **Tie-Off** button when securing is to be carried out.
- Press the **Pattern End** button. The **Stop** icon appears in the stitch preview.
  If the button for the **Tie-Off** function is activated in sewing settings, the machine stops and secures at the end of the pattern.
- Press the **Thread Cutter** ✂ button.
  If the button for the **Tie-Off** function is activated in sewing settings, the machine secures when the button is pressed and cuts the thread.
- With a back-kick on the foot control, if the **Tie-Off** function is switched on for the back-kick.

8 Stitch Designer

8.1 Stitch Designer Screen

Sewing ▸ Stitch Designer



1 Limit Width **2** Move View **3** Move **4** Draw **5** Forward/Backward **6** Selection Options **7** Cancel **8** Apply
9 Zoom In/Zoom Out **10** Stitch Information **11** Stitch Preview **12** Stitch Design Area **13** Undo/Redo

You can use the Stitch Designer to modify existing stitch patterns or create your own stitch patterns. Stitches created in the Stitch Designer can be saved in the folder **Personal Folder** ♥ or on an USB stick.

Limit Width

You can use the **Limit Width** 9mm function to limit the width of the stitch design area.

Move View

You can use the **Move View** function to move the entire stitch pattern within the stitch design area.

Move

With the **Move** function, you can move the selected points within the Stitch Design Area.

TIP

You can also move points using the multi-function knobs.

Draw

With the **Draw** function, you can draw a new stitch pattern directly on the screen. The points are automatically set in the Stitch Design Area. Once you have drawn the stitch pattern, you can edit the individual points.

Forward/Backward

With the **Forward/Backward** function, you can run the stitch pattern point by point to select a stitch point.

Selection Options

With the **Selection Options** function, you can select individual points, multiple points or the entire stitch pattern.

- **Single Point** : Select a single point.
- **Multiple Points** : Starting from the currently selected point, select multiple connected points.
- **All Points** : Select all points.

Zoom In/Zoom Out

You can use the **Zoom In/Zoom Out** function to enlarge or reduce the view.

8 Stitch Designer

Stitch Information

The stitch information displays information about the stitch pattern, depending on the selection.

- One point selected:
  - Distance between the selected point and the centerline. Points with a negative value are to the left of the centerline, while points with a positive value are to the right of the centerline.
  - Distance between the selected point and the previous point.
- Multiple points selected: Horizontal and vertical distance between the two points furthest apart.
- All points selected: Width and height of the stitch pattern.

Undo

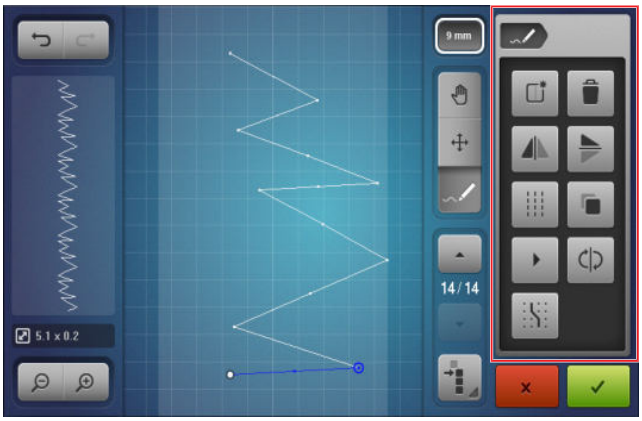
With the **Undo** function, you can undo the most recent actions.

Redo

With the **Redo** function, you can redo undone actions.

8.2 Editing Functions

Sewing ▸ Stitch Designer



New

Sewing ▸ Stitch Designer ▸ New

When you start the Stitch Designer, the selected stitch is displayed in the stitch design area. With the **New** function, you can clear the stitch design area and start a new stitch design.

Delete

Sewing ▸ Stitch Designer ▸ Delete

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

Mirror Left/Right

Sewing ▸ Stitch Designer ▸ Mirror Left/Right

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

Mirror Up/Down

Sewing ▸ Stitch Designer ▸ Mirror Up/Down

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

Triple Stitch

Sewing ▸ Stitch Designer ▸ Triple Stitch

With the **Triple Stitch** function, you can sew the selected points or the stitch before a selected point with a triple stitch.

Duplicate

Sewing ▸ Stitch Designer ▸ Duplicate

With the **Duplicate** function, you can duplicate the selected points.

Sew Virtually

Sewing ▸ Stitch Designer ▸ Edit ▸ Sew Virtually

With the **Sew Virtually** function, you can virtually sew the created stitch pattern.

Sew Virtually enables you to recognize potential errors or problems such as uneven stitch lengths or overlapping stitches in order to rectify them.

Invert

Sewing ▸ Stitch Designer ▸ Invert

With the **Invert** function, you can reverse the sewing order of the selected points.

Snap to Grid

Sewing ▸ Stitch Designer ▸ Snap to Grid

With the **Snap to Grid** function, you can snap the points into place at the displayed points on the grid. The grid helps you to align the stitch patterns symmetrically and maintain uniform spacing.

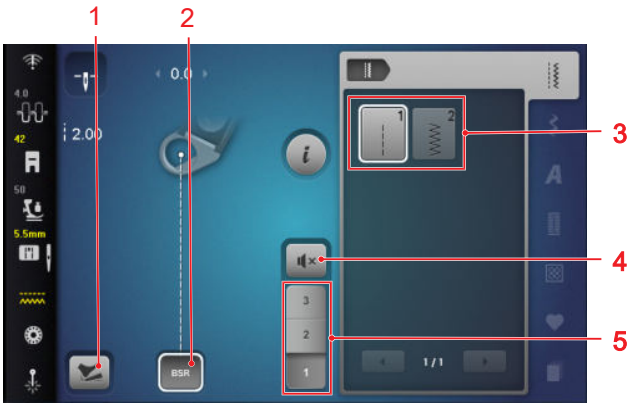
9 Free-motion Quilting with Stitch Regulation

Free-motion quilting often results in varying stitch lengths due to freely guiding the fabric. The stitch regulation compensates for these differences in stitch length.

The faster you guide the fabric, the faster the machine sews. If you move the fabric more slowly, the machine will sew equally slowly. This ensures that all stitches are sewn to equal length, resulting in regular stitch formation.

To make use of the stitch regulation, you need BERNINA Stitch Regulator (BSR) #42.

9.1 Stitch Regulation



1 KickStart **2** Stitch Regulation On/Off **3** Stitch **4** Sound **5** Mode

Stitch Regulation On/Off

With the **Stitch Regulation On/Off** BSR function, you can switch the stitch regulation on or off. If the function is switched off, the stitch length will not be corrected, even if presser foot is connected.

The BERNINA Stitch Regulator (BSR) must be attached in order to use the **BSR Mode** function [▶ see page 36]

Sound

With the **Sound** function, you can activate an audible warning. The warning tone sounds if you feed the fabric too quickly and the machine reaches the maximum speed and therefore is no longer able to correct the stitch length.

Stitch

In BSR mode, you can choose between straight stitch and zigzag options.

The straight stitch option is suitable for free-motion quilting, embroidery and thread painting.

The zigzag option can be used in free-motion embroidery or thread painting.

Mode

In the **Mode** area, you can select the desired BSR mode:

- **BSR 1**: The needle continues sewing on the spot, even if the fabric is not moved. [▶ see page 70]
- **BSR 2**: The needle stops when the fabric is no longer being moved. [▶ see page 70]
- **BSR 3**: Basting Mode [▶ see page 70]

KickStart

With the **KickStart** function, you can quilt without continuously pressing down the foot control. [▶ see page 71]

BSR Mode 1

In this mode, the machine runs continuously at a low speed once you press the foot control or the **Start/Stop** ○● button. As you move the fabric, the machine speeds up or slows down in order to keep to the set stitch length.

This mode is well-suited to quilt designs with many points or with micro-stippling, where the fabric stops briefly with each change in direction. If the machine continues sewing slowly when doing so, quilting feels smoother. Sewing in place also enables you to secure the thread without pressing an additional button.

BSR Mode 2

In this mode, the machine starts sewing as soon as you press the foot control and move the fabric. The machine stops as soon as you are no longer moving the fabric or no longer pressing the foot control.

To secure the thread, you can move the fabric back and forth in place or press the **Tie-Off** button.

BSR Mode 3

This mode is intended for basting. You can choose between two basting stitch lengths. To ensure that the stitches are sewn correctly, move the quilt more slowly when basting.

TIP

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

9 Free-motion Quilting with Stitch Regulation

Using KickStart

With the **KickStart** function, you can quilt without continuously pressing down the foot control.

1. Tap the **KickStart** icon.
   ⇨ The **KickStart** screen will appear.
2. To start the machine, press the foot control with your heel.
   ⇨ Once the fabric is moved, the machine starts sewing with the selected settings.
3. To stop the machine, press the foot control with your heel.
   ⇨ The machine will stop, but the **KickStart** function will remain active.
4. To end the **KickStart** function, tap the screen or press the foot control with the ball of your foot.
   ⇨ The **KickStart** screen will disappear.

Please Note

- As long as the **KickStart** function is active, the function programmed for the back-kick will be deactivated. In this case, the back-kick is instead used to start and stop the machine.
- If no sewing is being carried out in the BSR modes 2 and 3, the machine will switch to standby mode after 7 seconds. This means that the machine will not start sewing automatically if the fabric is moved. You can end standby mode with another back-kick.
- The **KickStart** function is automatically stopped in the following cases:
  - If the active monitoring function reports an error, e.g. thread break or bobbin empty.
  - If the foot control cable is removed.
  - If no sewing takes place for 60 seconds.

10 Sewing Techniques



Sewing Fabrics Together

A seam is formed when two fabrics are joined together with a single line of stitching. Seams are an essential element to every garment and sewn projects.

https://www.bernina.com/foot-1C



Finishing Simple Seams

Finishing a fabric edge is mostly used as preparation for open seams to prevent the fabric edge from fraying.

https://www.bernina.com/foot-2A



Sewing a Buttonhole

With the Automatic Buttonhole Foot with Slide #3A, several identical buttonholes can be sewn as often as required.

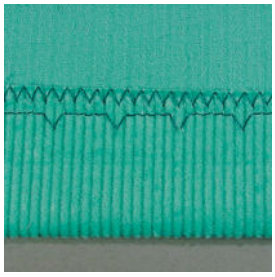
https://www.bernina.com/foot-3A



Sewing in Zippers

A centered zipper is one in which the slit edges of the opening meet over the middle of the zipper and hide it.

https://www.bernina.com/foot-4D



Finishing with Blind Hem

Blind hem is an invisible hem finish appropriate for most garments and draperies.

https://www.bernina.com/foot-5



Sewing Thick, Hard Materials

To sew thick, hard materials such as jeans or several layers of fabric, a needle for heavy fabrics (e.g. Jeans Needle), strong thread and the #8D are recommended. The stitch length should be elongated. Sew more slowly to maintain control. The BERNINA Dual Feed and the seam guide can also be used to guide the material evenly.

https://www.bernina.com/foot-8D

10 Sewing Techniques



Appliqué

Appliqué is an embellishment made by sewing fabric shapes onto a background fabric. Use a satin or decorative stitch to cover the raw edges.

https://www.bernina.com/foot-20C



Free-motion Quilting

Free-motion quilting is a quilting technique in which the feed dogs are lowered therefore requiring the fabric to be manually moved to create stitches. The fabric can be moved in any direction to create patterns.

https://www.bernina.com/BSR

11 General Embroidery Information

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.

In addition to the BERNINA embroidery file format, your machine can also read the following embroidery file formats: BQM, SEW, PES, PEC, XXX, PCS, JEF and DST.

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 increase or decrease the size of embroidery designs by up to 20 % without loss of quality on the machine or on a PC using the BERNINA embroidery software.

Customizable quilt designs (BQM) are vector-based embroidery designs. You can adjust the size of such quilt designs in almost any way. The stitch length set in the embroidery settings remains when the pattern size is adjusted.

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.

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

11 General Embroidery Information

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

Stabilizers can be fixed onto the fabric with adhesive spray or starch spray before hooping. Starch spray can be used to stiffen the fabric before embroidering.

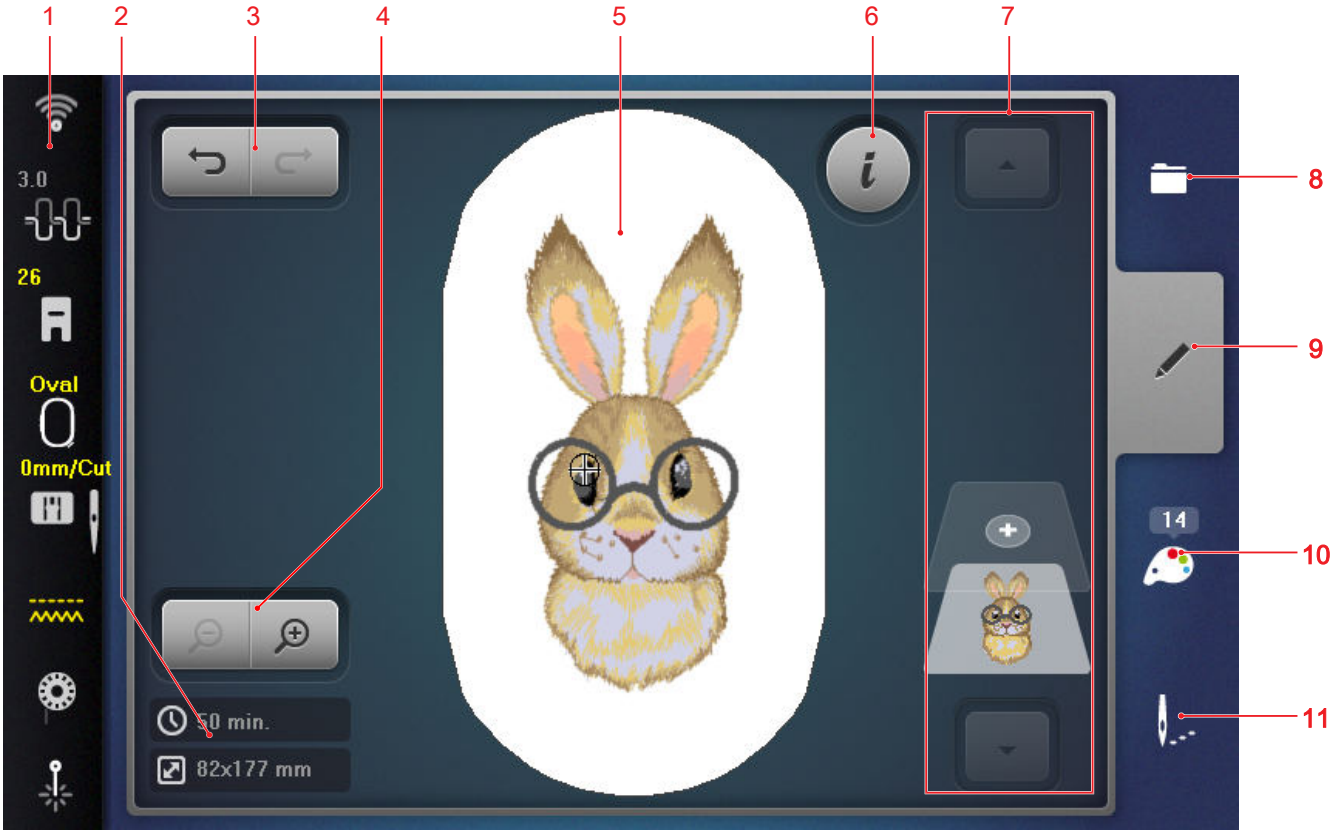
Embroidery Test

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.

12 Embroidery Screen

Embroidery



1 Status Bar **2** Info Box **3** Undo/Redo **4** Zoom In/Zoom Out **5** Design Preview **6** Edit **7** Layer Bar **8** File **9** Edit **10** Colors **11** Stitchout

Info Box

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

- **Embroidery Time** : Estimated time for embroidering the selected layers.
- **Embroidery Size** : Total width and height of the selected levels.

Redo

With the **Redo** function, you can redo undone actions.

Undo

With the **Undo** function, you can undo the most recent actions.

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 ▶ 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 ▶ Zoom In/Zoom Out ▶ Move

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

Design Preview

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

Edit

With the **Edit** function, you can show editing functions for the embroidery designs. [▶ see page 80]

12 Embroidery Screen

File

Use the tab **File** to load or add an embroidery design from the selection area. You can save or delete an embroidery design in the folder **Personal Folder** or on the USB stick. [▶ see page 87]

Edit

Use the tab **Edit** to call up the embroidery screen and edit the embroidery design. [▶ see page 80]

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** : To change the color and thread brand of the selected color. [▶ see page 82]
- **Color Wheel** : To change all colors at the same time. [▶ see page 82]
- **Change Brand** : Apply the thread brand for the selected color to all colors. [▶ see page 83]

Stitchout

Via the tab **Stitchout** you can call up the window **Stitchout Summary** and the embroidering. [▶ see page 88]

12.1 Status Bar

The Status Bar displays the state of various functions. You can set or activate some functions directly via the respective icon. For other functions, you can call up additional settings via the icon.

The color of the icon shows the current state of the function.

- White: Default setting
- Yellow: Modified setting

WiFi

The icon **WiFi** shows the strength of the WiFi connection.

In the Settings, you can switch the WiFi connection on or off or set up the WiFi connection. [▶ see page 40]

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 43]

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 37]

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 and recognized hoop.

You can select the attached hoop and display details for the hoop by tapping the status. [▶ see page 39]

Stitch Plate and Sewing Needle

The icon **Stitch Plate and Sewing Needle** indicates the selected needle and the selected stitch plate.

By tapping the icon, you can call up the needle and stitch plate overview and select the fitted needle and the fitted stitch plate. [▶ see page 30]

The icon **Stitch Plate and Sewing Needle** turns yellow if a needle other than the standard needle has been selected. The name of the icon **Stitch Plate and Sewing Needle** turns yellow if a stitch plate other than the standard stitch plate is selected.

Feed Dog

The **Feed Dog** status shows the position of the feed dog. The feed dog must be lowered in the **Embroidery** mode. Wenn Sie den Modus **Embroidery** wählen, wird Ihnen eine Animation angezeigt, wie der Transporteur gesenkt werden kann.

Bobbin Thread

The **Bobbin Thread** status shows the fill capacity of the lower thread bobbin.

- White: Fill level of the bobbin thread is sufficient.

As soon as the fill level of the bobbin thread falls below a certain value, a fill level indicator is also displayed.

- Fill level indicator flashes red: bobbin thread quantity is low.

By tapping the icon **Bobbin Thread** , an animation on how to thread the bobbin thread is displayed.

Laser

The **Laser** icon shows the status of the laser.

- White: Laser off.
- Yellow: Laser on.

By tapping the icon, you can switch the laser on and off.

The laser indicates the next stitch point in sewing mode and the exact needle position in embroidery mode. Depending on the presser foot and needle position, the entry point may be concealed by the presser foot. To avoid the deflection of the laser with transparent presser feet, you can lower the presser foot before the sewing start, e.g. with the Knee Lifter.

12.2 Layer Bar



1 Level Up/Down **2** Add Design **3** Embroidery Design Layers **4** Embroidery Designs Combined

In the layer bar, the individually added embroidery designs or elements of an embroidery design are displayed as layers. The most recently added embroidery design is shown at the top. The lowest layer shows all added embroidery designs combined. The order of the layers affects the embroidery.

The following functions are available in the layer bar:

- **Add Design** ⊕ : To add an embroidery designs from the selection area. [▸ see page 80]
- Select all layers for editing. To do this, select the bottom layer in the layer bar.
- Delete layers by dragging them out.

12.3 Embroidery Design Selection



1 Navigation Bar **2** Selection Area

Navigation Bar

The Navigation Bar shows the path to the selected folder.

Machine/USB Stick

With the **Machine** /**USB Stick** functions, you can switch between the machine and the USB stick in the selection area.

Search

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

Selection Area

In the Selection Area, you can navigate through the folders and load an embroidery design. Each embroidery design is displayed with a preview image including details of the file format.

Lettering

In the **Lettering** ABC folder, you will find alphabets which you can use to create your own texts. [▸ see page 86]

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 116]

12 Embroidery Screen

Sewing

In the **Sewing** folder you will find all the sewing stitches and can use them as embroidery designs.
[▶ see page 49]

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.

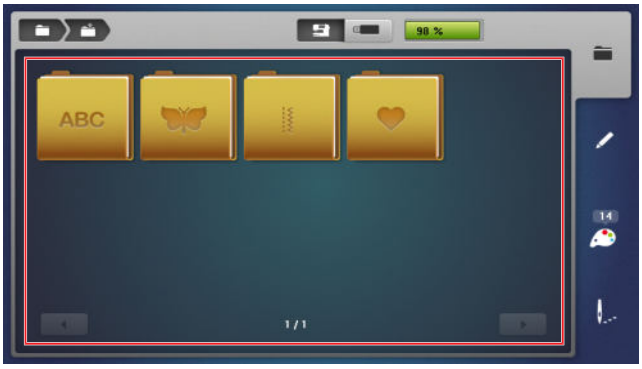
13 Prepare and Edit Embroidery Designs

13.1 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 or USB stick in the selection area.



4. Search for the desired embroidery design and select it.
   ⇨ The embroidery design is displayed in a hoop in the design preview that is closest to the size of the design.

13.2 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.

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. With the **Proportional** function, you can unlink the length and width, enabling you to set the values separately.

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

Embroidery ▸ Edit ▸ Mirror Up/Down

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

Duplicate

Embroidery ▸ Edit ▸ Duplicate

With the **Duplicate** function, you can duplicate the selected layers.

Delete

Embroidery ▸ Edit ▸ Delete

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

TIP

You can also drag and drop selected layers out of the layer bar to the left to remove them.

Shape Designer

Embroidery ▸ Edit ▸ Shape Designer

With the **Shape Designer** function, you can arrange the selected layers around a shape, e.g. around a circle. You can change the arrangement to create unique embroidery design combinations. [▸ see page 83]

Stitch Type

Embroidery ▸ Edit ▸ Stitch Type

With the **Stitch Type** function, you can change the stitch type and the embroidery density.

- **Stitch Type** :
  - **Off:** The embroidery design is embroidered with satin stitches as standard.
  - **On:** Satin stitches that are too long are converted to backstitches. The length of the backstitches can be changed. If the satin stitches have been converted to backstitches, the setting cannot be reset. You must reload the embroidery design.
- **Embroidery Density** : To change the density of the stitches.

Arranging Functions

Arrange

Embroidery ▸ Edit ▸ Arrange

With the **Arrange** function, yo 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 ▸ Group

With the **Group** function, you can merge the selected layers with the layer directly above them to form a group. The group is displayed in place of the lowest selected layer in the layer bar.

Ungroup

Embroidery ▸ Edit ▸ Group ▸ Ungroup

Previously grouped embroidery designs can be ungrouped using the function **Ungroup** .

Multi-colored embroidery designs are saved as a single group, where each color forms its own layer. With the **Ungroup** function, you can split up an embroidery design into its color layers and up to its connecting stitches. The layers are displayed separately in the layer bar and can be edited separately.

Align

Embroidery ▸ Edit ▸ Align

With the **Align** function, you can align multiple selected layers with each other, center multiple selected layers together, or distribute multiple selected layers evenly.



Grid

Embroidery ▸ Hoop ▸ Grid

With the **Grid** function, you can display the center point of the embroidery hoop, show a grid and hide the center point and the grid.

Positioning Functions

Pinpoint Placement

Embroidery ▸ Edit ▸ Pinpoint Placement

With the **Pinpoint Placement** function, you can position an embroidery design at a specific position in the hoop. You can also rotate and modify the size of the embroidery design while doing so in order to ensure that it is correctly stitched, even if the fabric is not clamped straight. [▸ see page 83]

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 83]

Virtual Positioning

Embroidery ▸ Hoop ▸ Virtual Positioning

With the **Virtual Positioning** function, you can move the hoop such that the needle is at the selected position in the design preview. This function allows you to check the position of the embroidery design stitch by stitch.

This function is only active if a hoop is attached.

TIP

You can use the laser to precisely check the virtual positioning.

Center Design

Embroidery ▸ Hoop ▸ Center Design

With the **Center Design** function, the needle position is moved to the center of the embroidery design.

This function is only active if a hoop is attached.

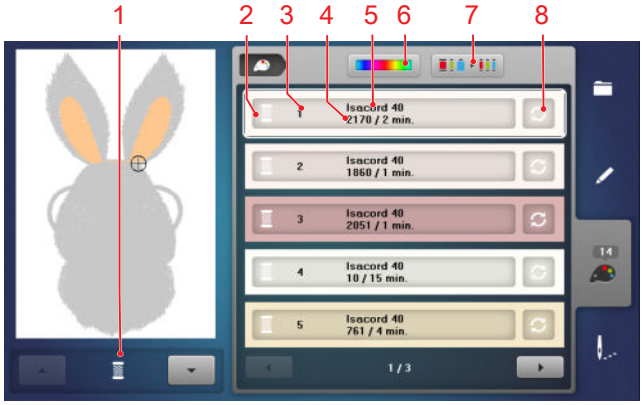
Endless Embroidery

Embroidery ▸ Edit ▸ Endless Embroidery

With the **Endless Embroidery** function, you can embroider combinations that are longer than the hoop. Reference markings can be programmed and stitched, which are useful for repositioning the hoop after re-hooping. You can also create combinations of designs and stitch patterns, duplicate them and use them to fill the area of the hoop, e.g. as a patterned background for an embroidery project. [▸ see page 85]

Changing the Colors

Embroidery ▸ Colors

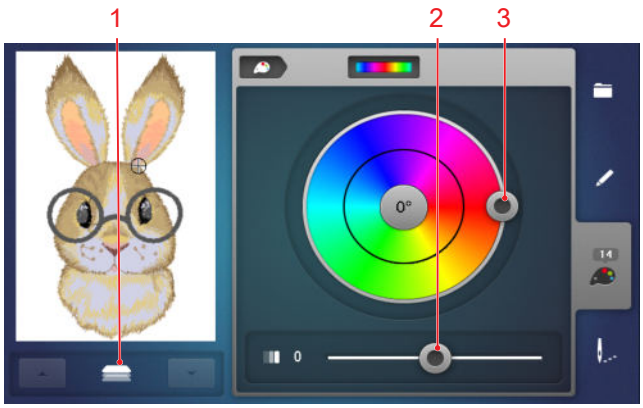


1 Color Up/Down **2** Color **3** Embroidery Sequence
4 Color Number **5** Thread Brand **6** Color Wheel
7 Change Brand **8** Change Color

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

- **Change Color** : Select a color from a color palette.
- **Search** : Use the **Search** function to search for a color by color number.
- **Color Wheel** : To change colors using the color wheel.

Modifying Colors via the Color Wheel



1 Level Up/Down **2** Slider Brightness **3** Slider Hue

With the **Color Wheel** function, you can change all colors of the selected layer at the same time.

1. To modify the hue of all colors, turn the color wheel with the **Hue** control.
2. To change the brightness of the selected colors, move the slider **Brightness** .
   ⇨ The changes are displayed in the embroidery design preview.

Change Thread Brand

Embroidery ► Colors

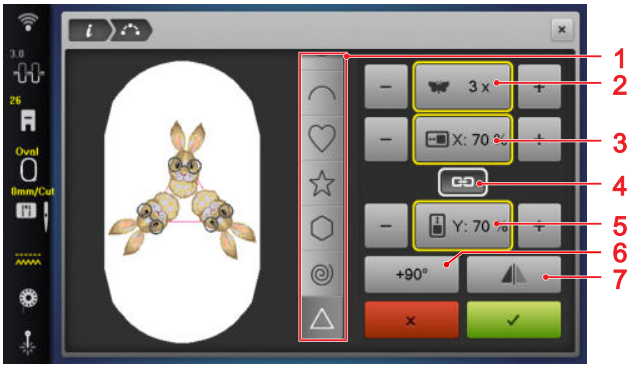
The embroidery designs are programmed with the Isacord 40 thread brand. If you would rather work with embroidery threads from other brands, you can change the thread brand.

1. To change the thread brand for all threads in the layer, tap the icon **Change Color** .
2. Select the desired brand from the list by scrolling left/right.
3. Tap the **Change Brand** 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 icon **Colors** in the path.

Arranging Embroidery Designs

Embroidery ► Edit ► Shape Designer

With the **Shape Designer** function, you can create unique embroidery design combinations.



1 Styles of Arrangements **2** Number of Embroidery Designs **3** Shape Width **4** Proportional **5** Shape Height **6** Rotate the Embroidery Design +90° **7** Mirror Left/Right

Prerequisite:

- A layer or multiple layers are loaded.
- The size and colors of the embroidery designs have been adjusted.

1. Activate the **Shape Designer** function.
2. Select the shape form for arranging the motifs.
3. Set the number of motifs.
4. Set the size of the shape. With the **Proportional** function, you can unlink the length and width, enabling you to set the values separately.
5. Mirror motifs and/or rotate in 90° steps if required.

Check Design

Embroidery ► Edit ► Check Design



1 Move Hoop to Position **2** Center Design **3** Moving the Embroidery Design Horizontally **4** Moving the Embroidery Design Vertically

With the **Check Design** function, you can check the intended position of your embroidery design in the hoop before you start stitching out.

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.

Pinpoint Placement

Embroidery ► Edit ► Pinpoint Placement

With the **Pinpoint Placement** function, you can position the embroidery design with the following options:

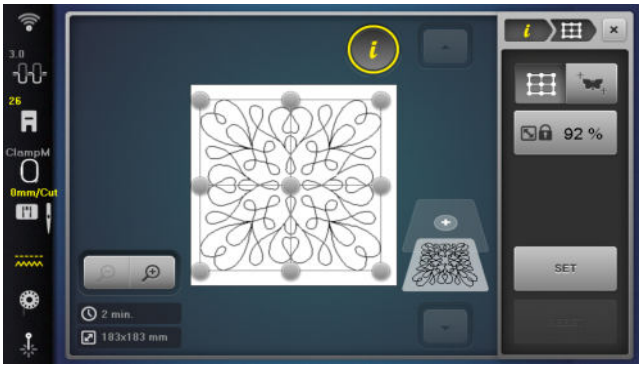
- **Two Points**
- **Four Point**

TIP

Using the Laser function, you can position the point precisely at the desired location on the fabric.

Positioning the Embroidery Design by 2 Grid Points

In the mode **Grid** you can position embroidery designs precisely on the fabric using 2 freely positioned points.



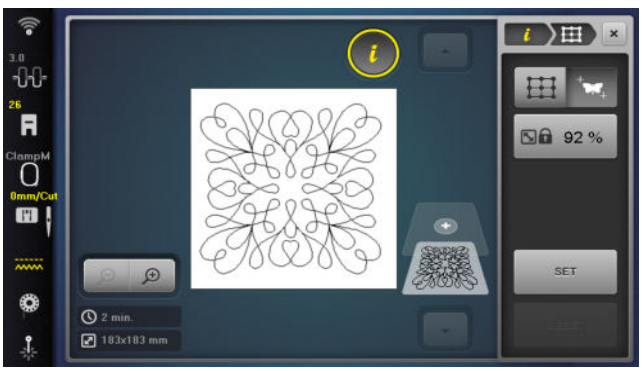
Prerequisite:

- The desired position of the embroidery design is marked on the fabric with two points and is clearly visible.
- A hoop with the hooped project is attached.

1. Tap the **Grid** icon.
2. To maintain the size of the embroidery design, activate the **Retain Size** function.
3. Select any point on the grid as the rotation point.
4. Position the needle at the corresponding marking on the fabric using the multifunction knobs and confirm with the **Pin** SET button. You can activate the laser to assist with exact positioning of the needle.
5. Select a second grid point. Position the needle at the second marking on the fabric and confirm with the **Pin** SET button.

Positioning the Embroidery Design by means of 2 Freely Positioned Points

With the **Free Point** option, you can position embroidery designs precisely on the fabric using 2 freely positioned points.



Prerequisite:

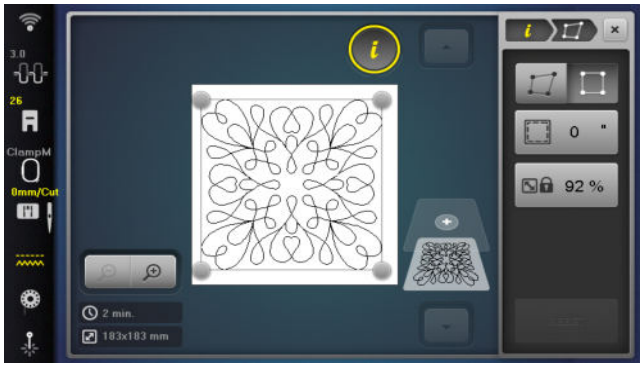
- The desired position of the embroidery design is marked on the fabric with two points and is clearly visible.
- A hoop with the hooped project is attached.

1. Tap the **Free Point** icon.
2. To maintain the size of the embroidery design, activate the **Retain Size** function.
3. Select any point on the embroidery design as the rotation point.
4. Position the needle at the corresponding marking on the fabric using the multifunction knobs and confirm with the **Pin** SET button. You can activate the laser to assist with exact positioning of the needle.
5. Select the second point of the embroidery design. Position the needle at the second marking on the fabric and confirm with the **Pin** SET button.

Positioning the Embroidery Design in a Square

With the **Four Point** option, you can position the embroidery design in a square using four points, e.g. in a quilt block. The following options can be used to place the design:

- **Morph** : To fit the morphed embroidery design in the bounding box.
- **Fit** : To fit the embroidery design proportionally and centered in the bounding box.



Prerequisite:

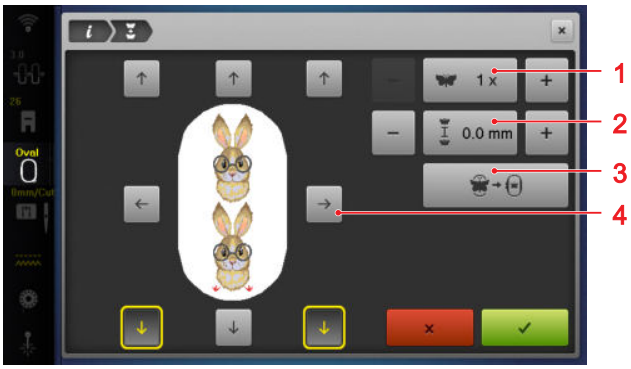
- The desired position of the embroidery design is marked on the fabric with four points and is clearly visible.
- A hoop with the hooped project is attached.

1. Tap the **Four Point** icon.
   ⇨ The design is placed inside a rectangular bounding box.

2. Select one of the corner points and position the needle over the corresponding marking on the fabric with the multifunction knobs. You can activate the laser to assist with exact positioning of the needle.
3. Select all corner points one after the other and position the needle.
4. Select the **Morph** or **Fit** option.
   ⇨ The design is placed inside a bounding box.
5. To maintain the size of the embroidery design, activate the **Retain Size** function.
6. If necessary, set a margin spacing from the grid.

Borders

Embroidery ► Edit ► Endless Embroidery



1 Item Count **2** Spacing **3** Modify to Fit Hoop
4 Reference Marker

With the **Endless Embroidery** function, you can stitch combinations that are longer than the hoop.

TIP

- Using a larger hoop will require less re-hooping.
- To help keep the designs straight, draw guide lines on the fabric and use the template for clamping and re-hooping. Make sure that the guide lines run parallel to the lines of the template. You can also reposition the embroidery design using the **Pinpoint Placement** function.

Creating Borders

Prerequisite:

- A hoop with the hooped project is attached.

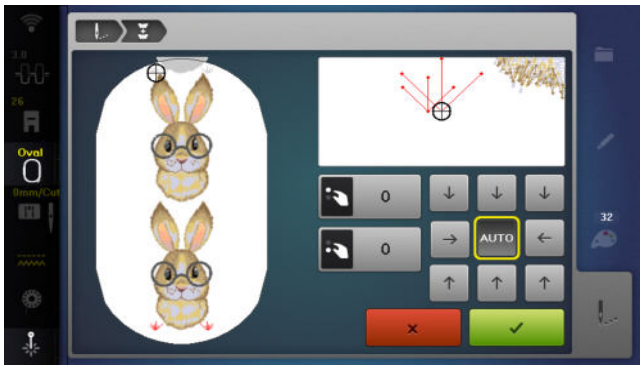
1. Select an embroidery design.
2. Select the **Endless Embroidery** function.
   ⇨ The embroidery design is multiplied to match the hoop.
   ⇨ Marker positions are inserted.
3. If necessary, insert additional marker positions. The reference markings are also embroidered and help to align the project when rehooping and positioning.
4. If necessary, enter the number of repetitions of the embroidery design.
5. If necessary, adjust the size of the embroidery design so that it fits into the hoop.
6. If necessary, adjust the spacing between the embroidery designs.
7. Confirm settings.

Endless Embroidery

Prerequisite:

- A hoop with the hooped project is attached.

1. Call up **Stitchout** in the tab.
2. Use the **Start/Stop** button to start stitching out.
3. Once the embroidery design has been fully stitched out, remove the hoop and re-hoop the fabric so that the stitched-out marker positions are located in the upper embroidery area of the hoop.
4. Attach the embroidery hoop and confirm it on the screen.
   ⇨ The icon **«AUTO»** s active and the embroidery hoop moves automatically close to the last reference point.



5. Use the arrow fields to determine which reference point should be approached to continue the design.
6. Use the multifunction knobs to position the embroidery hoop. You can activate the laser to assist with exact positioning of the embroidery hoop. Align the laser dot to the tip of the reference point using the multifunction knobs.
7. Confirm the changes.
8. Continue stitchout.
9. Repeat these steps until the required length of the trim has been achieved.

TIP

The function **Endless Embroidery** allows you to continue embroidering borders that have already been started, even if the machine has been switched off and on. For this, the embroidery design must be saved in the folder **Personal Folder** . The reference points must be included in the embroidery design.

13.3 Lettering

Lettering

Embroidery ► Loading the Embroidery Design ► Lettering ABC

Font	Name
ABC	Alice
ABC	Anniversary
ABC	Bamboo
ABC	Chicago
ABC	Childs Play
ABC	Condensed Sans
ABC	Curly
ABC	Deco Block
ABC	Drifter
ABC	Flare Serif
ABC	Happy Times
ABC	King Charles
ABC	Lisa
ABC	Old English
ABC	Quilt Block
ABC	Rounded Sans
АБВ	Russian Textbook
ABC	Swiss Block
ABC	Victoria
ABC	Zuerich

Creating Lettering



1 Text Preview 2 Keyboard

You can design single-line or multi-line lettering.

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. Customize line breaks as desired.
5. Confirm the completed text.

Editing Functions

Embroidery ► Edit ► Lettering

With the **Lettering** function, you can edit a lettering with special functions.

- **Spacing** : To set the character spacing (lower Multifunction Knob).
- **Arch** : To bend single-line horizontal text (lower Multifunction Knob).

- **Line Spacing** : With multi-line lettering, change the spacing between the lines (upper Multi-function Knob).
- **Aligning Text**: To align multi-line text centered, left or right.

13.4 Administering Embroidery Designs

Loading the Embroidery Design

Embroidery ► File ► Loading the Embroidery Design

You can use the function **Loading the Embroidery Design** to load a new embroidery design from the selection area or from the USB stick. [▶ see page 80]

Add Design

Embroidery ► File ► Add Design

You can use the **Add Design** function to add embroidery designs from the selection area or from the USB stick. The last embroidery design added is displayed at the top of the layer bar.

Saving Embroidery Designs

Embroidery ► File ► Save

With the **Save** function, you can save modified embroidery designs in your own folder or on a USB stick.

Deleting an Embroidery Design

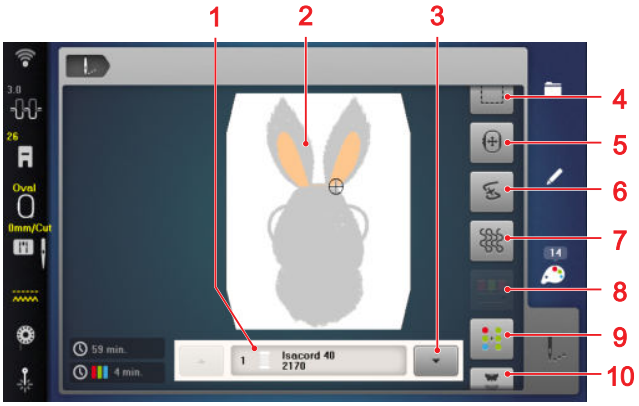
Embroidery ► File ► Deleting an Embroidery Design

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

14 Embroidering the Embroidery Design

14.1 Stitchout Summary

Embroidery ▶ Stitchout



1 Current Color **2** Design Preview **3** Color Up/Down **4** Basting **5** Move Hoop **6** Go to Stitch **7** Quilt Settings **8** Reduce Thread Changes **9** Single Color **10** Endless Embroidery

In the **Stitchout Summary** screen, you can modify the most common settings for optimal stitchout quality before entering the Stitchout. Additional settings can be modified in Embroidery Settings. [▶ see page 43]

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.
- **Around Design** : To sew the basting seam around the embroidery design.
- **Around Hoop** : To sew the basting seam along the inside edge of the embroidery hoop.

TIP

The basting seam has no sew-on stitches. 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 stitch by stitch or use the lower multi-function knob to move across larger sections of the design. The laser makes it easier to recognize the current stitch.

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

Quilt Settings

With the **Quilt Settings** function, you can switch on and off special quilt settings for thread cutting and securing. The following options are available:

- **On**: Activate quilt settings.
  - Quilt Securing Stitches.
  - Thread Cut Disabled.
  - Thread Away Disabled.
- **Off**: Adopt the thread cut settings from the embroidery settings.

Reduce Thread Changes

With the **Reduce Thread Changes** function, you can regroup the embroidery design so that there is a minimum of thread changes.

Use this function when embroidering customizable quilt designs to avoid multiple starts and stops.

If this function is activated, the colors are also regrouped in edit mode.

Single Color

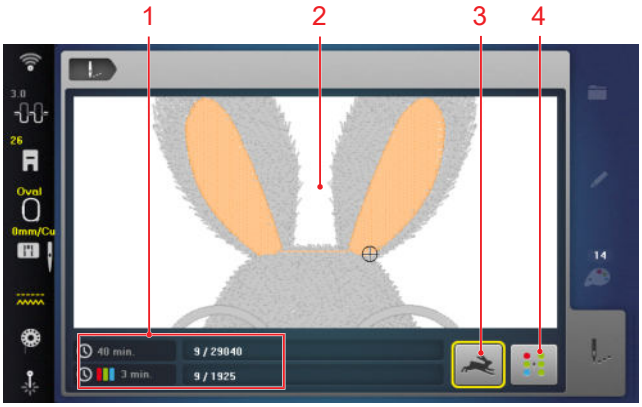
The setting **Single Color** allows you to embroider the design without any thread change using the thread that is threaded.

Endless Embroidery

With the **Endless Embroidery** function, you can select the reference point after you have rehooped the fabric. This determines the new position of the embroidery hoop. You can then position the embroidery hoop precisely.

14.2 Stitchout

Embroidery ► Stitchout



1 Embroidery Information **2** Design Preview **3** High Speed **4** Single Color

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.

TIP

You can use the foot control for better control of the embroidery speed.

High Speed

Embroidery designs are stitched out at the optimum speed for an even embroidery pattern. 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.

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

Embroidery Information

The following information about the embroidery process is displayed in the Embroidery Information area:

- **Total Time**: Estimated embroidery time for the complete embroidery design.
- **Color Time**: Estimated embroidery time for the current color.
- **Stitch**: Current stitch number/stitches in total for the complete embroidery design and for the current color.

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:

- **Finishing Embroidering** : To finish embroidering and return to the embroidery screen.
- **Endless Embroidery** : To continue the embroidery design as a border. [▶ see page 85]

15.1 Software

Update Firmware

Settings ► Machine ► Maintenance ► Firmware Update ► Update Firmware Update

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

You can update the current firmware of the machine and download detailed step-by-step instructions for the update process at www.bernina.com/790pro-support.

Prerequisite:

- The latest firmware data has been downloaded and copied to the USB stick according to the update instructions.

1. Insert the USB stick with the current firmware data.
2. Tap the **Update Firmware** Update icon.
   ⇨ The firmware update is installed.

Delete Own Stitch Patterns

Settings ► Machine ► Factory Setting ► Delete Own Stitch Patterns

You can use the function **Delete Own Stitch Patterns** to delete all personal stitch patterns saved on the machine.

Deleting an Embroidery Design

Settings ► Machine ► Factory Setting ► Deleting an Embroidery Design

You can use the function **Deleting an Embroidery Design** to delete all personal embroidery designs saved on the machine.

Deleting USB Stick

Settings ► Machine ► Factory Setting ► Deleting USB Stick

With the **Deleting USB Stick** function, you can delete all embroidery designs saved on the USB stick.

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

You can use the function **Reset Settings** to reset all settings to the factory settings.

Save and Transfer Data

Settings ► Machine ► Maintenance ► Firmware Update ► Save and Transfer Data

With the **Save and Transfer Data** functions, you can save your personal data, e.g. settings and your own stitch and embroidery designs, to a USB stick and transfer them back to the machine.

15.2 Machine

Buttonhole Foot Calibration

Settings ► Machine ► Maintenance ► Buttonhole Foot Calibration

The Buttonhole Foot with Slide #3A is calibrated to the machine and they should always be used together. A new buttonhole foot must be calibrated with the machine in the sewing settings before its first use.

Prerequisite:

- The needle is not threaded.

1. Open the **Buttonhole Foot Calibration** setting.
2. Attach and lower the Buttonhole Foot with Slide #3A.

3. Push the **Start/Stop** ○● button.
   ⇨ The machine moves the buttonhole foot with slide forward and backward and displays successful calibration.

Maintenance Intervals

To ensure that your machine remains in proper working order for many years to come, BERNINA recommends regular maintenance and care of your machine.

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

BERNINA recommends maintaining the machine after every 3 – 4 full bobbins have been used.

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.
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.
Cleaning the Feed Dog and the Stitch Plate	Regularly, depending on usage of the machine.	► Clean the feed dog. [▸ see page 93]
Cleaning the Hook	Regularly, depending on usage of the machine.	► Clean the hook. [▸ see page 93]
Cleaning the Needle Threader and Thread Clamp	Regularly, depending on usage of the machine.	► Cleaning the needle threader and thread clamp [▸ see page 93]
Replacing the Needle	Regularly, depending on usage of the machine.	► Replace the needle. [▸ see page 30]
Updating Firmware	As soon as a new version is available.	► Updating Firmware. [▸ see page 90]

15 Care and Maintenance

Task	Maintenance Interval	Measures
Lubricating the Hook	■ Before using the machine for the first time. ■ After a longer downtime of the machine. ■ Before every new project. Now and then during a project, depending on the scope of the project. ■ Regularly, depending on usage of the machine. ■ If the relevant message is displayed. ■ In case of unusual noises in the bobbin area.	► Lubricate the hook. [▸ see page 94]
Adjusting, cleaning and lubricating machine components inside the machine	■ With intensive use: annually ■ With normal use: 2-yearly ■ 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.

Service Prediction / Service Interval

The notification **Service Prediction / Service Interval** shows which part of the maintenance interval has elapsed. If the maintenance forecast reaches 100 %, a corresponding message is displayed when the machine is started and the machine must be serviced.

Lubrication Prediction / Lubrication Interval

The notification **Lubrication Prediction / Lubrication Interval** shows how much of the lubrication interval has elapsed. If the maintenance forecast reaches 100 %, a corresponding message is displayed when the machine is started and the machine must be lubricated. [▸ see page 94]

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.

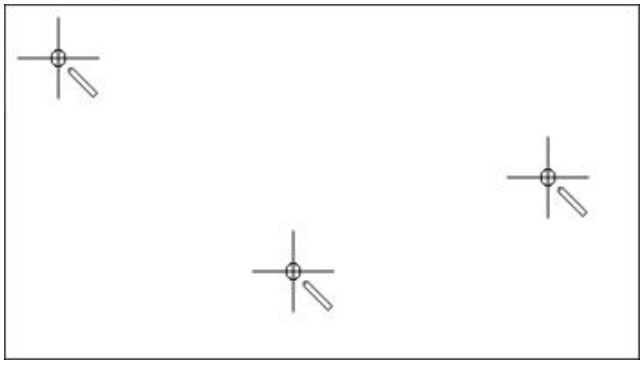
Calibrating the Screen

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 Feed Dog

Thread residue accumulates under the stitch plate over time. Remove the thread residue on a regular basis.

1. Raise the needle and presser foot.
2. Lower feed dog.

⚠ CAUTION

Electronically Driven Components
Risk of injury near the needle and the hook.
- ► Switch off the machine and disconnect it from the power supply.

3. Remove the needle and presser foot.
4. Remove the stitch plate.

NOTICE

Dust and thread remnants inside the machine
Damage to mechanical and electronic components.
- ► Use a brush or a soft cloth.
- ► Do not use compressed air spray.

5. Clean the feed dog with the brush.

Cleaning the Needle Threader and Thread Clamp

Settings ► Machine ► Maintenance
► Cleaning the Needle Threader/Thread Catcher
► 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.

1. You can open the **Cleaning the Needle Threader and Thread Clamp** function in the settings.
2. Clean the thread catcher and the thread clamp according to the instructions on the screen.

Cleaning the Thread Catcher

Settings ► Machine ► Maintenance
► Cleaning the Needle Threader/Thread Catcher
► Cleaning the Thread Catcher

Thread remnants accumulate in the thread catcher over time. Clean the thread catcher when the corresponding message is displayed.

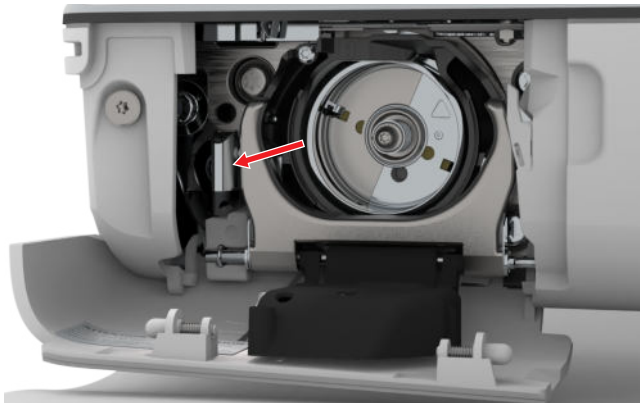
1. You can open the function in the settings.
2. Clean the thread catcher according to the instructions on the screen.

Cleaning the Hook

⚠ 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. Open the bobbin cover.
2. Remove the bobbin case.
3. Push the release lever to the left.

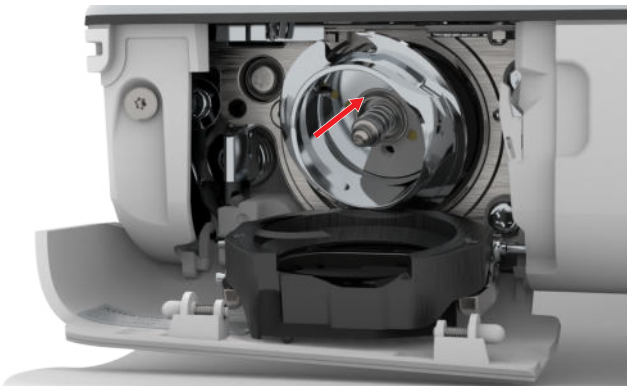


4. Fold down the bobbin case holder with the black bobbin cover.
5. Remove the hook.

NOTICE

Dust and thread remnants inside the machine
Damage to mechanical and electronic components.
- ► Use a brush or a soft cloth.
- ► Do not use compressed air spray.

6. Clean the hook race area with a brush and a soft cloth. Never use any sharp instruments.
7. Hold the hook at the pin in the center with two fingers.



8. Guide the hook with the lower edge diagonally from the top to the bottom behind the bobbin cover.

9. Position the hook with the two lugs on the hook driver meeting the corresponding openings in the hook. The gray marking on the hook driver must be visible in the hole of the hook.
10. Insert the hook.
    ⇨ The shuttle is magnetic and therefore pulled into the correct position.
11. Close the bobbin cover and the fastening bracket until the release bracket engages.
12. Turn the handwheel to check.
    ⇨ The hook will rotate.
13. Insert a bobbin case and close the bobbin cover.

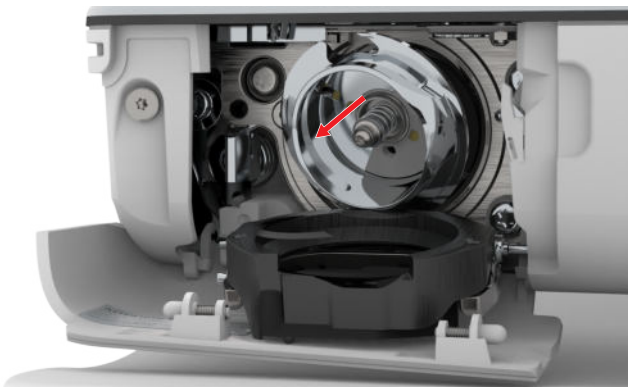
Lubricating the Hook

Lubricating the hook keeps the machine running smoothly and quietly.

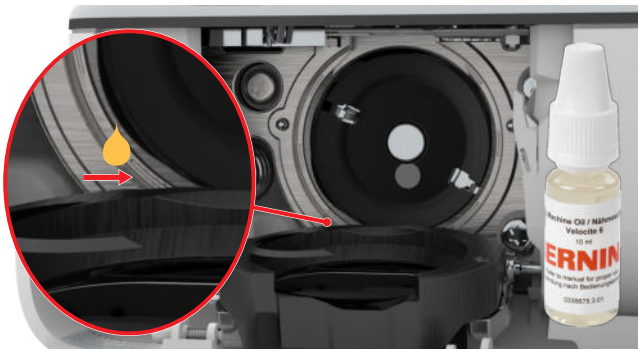
⚠ CAUTION

Electronically Driven Components
Risk of injury near the needle and the hook.
► Switch off the machine and disconnect it from the power supply.

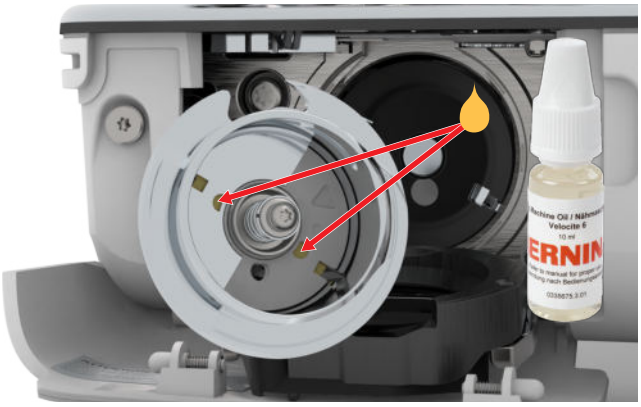
1. Open the bobbin cover.
2. Remove the bobbin case.
3. Push the release lever to the left.
4. Fold down the bobbin case holder with the black bobbin cover.
5. Remove the hook.



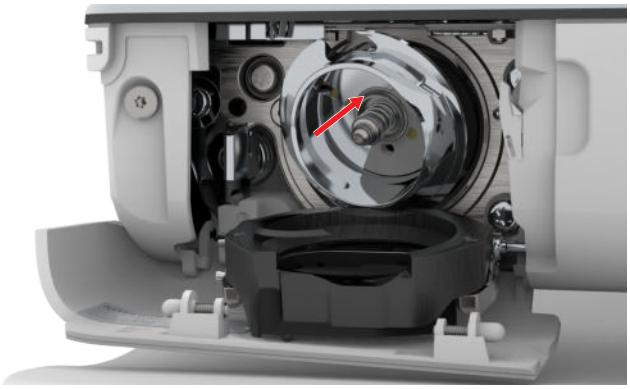
6. Clean the hook race area with a brush and a soft cloth. Never use any sharp instruments.
7. Add a drop of BERNINA sewing machine oil to the bottom of the hook race.



8. Add one drop of BERNINA sewing machine oil into each of the two oil depots so the felt is damp. Make sure that the surface of the hook sleeve remains free of oil.



9. Hold the hook at the pin in the center with two fingers.



10. Guide the hook with the lower edge diagonally from the top to the bottom behind the bobbin cover.
11. Position the hook with the two lugs on the hook driver meeting the corresponding openings in the hook. The gray marking on the hook driver must be visible in the hole of the hook.
12. Insert the hook.
    ⇨ The shuttle is magnetic and therefore pulled into the correct position.

13. Close the bobbin cover and the fastening bracket until the release bracket engages.
14. Turn the handwheel to check.
    ⇨ The hook will rotate.
15. Insert a bobbin case and close the bobbin cover.
16. To absorb excess oil, sew or embroider on a test fabric.

Export the Log File

Settings ► Machine ► Information ⓘ ► Service Data

Log files help service personnel to find errors in the firmware. If you are requested to do so by BERNINA Service, you can export a log file.

1. Insert the USB stick into the machine.
2. Confirm saving the log file and wait until the export is complete.
3. Close the window.

16 Storage and Disposal

16.1 Storing the Machine

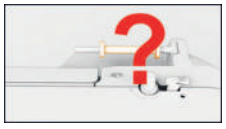
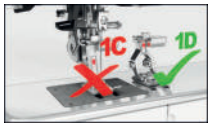
BERNINA recommends that you store the machine in its original packaging. If the machine is stored in a cold room, place the machine in a warm room for one hour before use.

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.

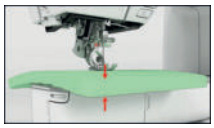
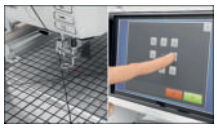
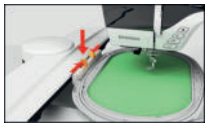
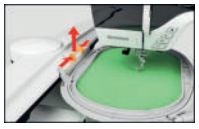
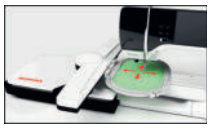
16.2 Dispose of the Machine

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

17 Error Messages

Message	Cause	Solution
	The feed dog is not lowered.	► To lower the feed dog, push the button **Feed Dog Up/Down**.
	The selected needle and stitch plate cannot be used in combination.	**1.** Replace the needle. **2.** Replace the stitch plate.
	The selected presser foot does not match with the attached presser foot.	► Select the attached presser foot in the presser foot selection or change the presser foot.
	The needle is not at its top end.	► Adjust the needle position via the handwheel.
	The upper thread is used up.	► Rethread.
	The upper thread is broken.	► Rethread.
	The bobbin thread is used up.	► Rethread.
	The bobbin thread is broken.	**1.** Clean the hook. **2.** Rethread.
	The bobbin cover is open.	► Close the bobbin cover.
	The main motor is not running.	**1.** Turn the handwheel clockwise until the needle is at its top position. **2.** Remove the stitch plate. **3.** Remove the thread remnants. **4.** Clean the hook. **5.** Remove the hook and make sure that there are no pieces of broken needle points on the magnetic back of the hook. **6.** Insert the hook correctly.
	Incorrect presser foot for the BERNINA Dual Feed.	► Fit a presser foot with the designation «D».

17 Error Messages

Message	Cause	Solution
	The fabric under the presser foot is too thick.	**1.** Reduce the fabric thickness. **2.** If the message does not appear at the sewing start but in the middle of a seam, increase the presser foot pressure. [▸ see page 36]
	The contact between the machine and the embroidery module is interrupted as a result of vibrations.	**1.** Make sure that the embroidery module and the machine are standing on a stable, even surface. **2.** Connect the embroidery module to the machine.
 	The needle position doesn't correspond with the center of the hoop.	▸ Calibrate the hoop.
	The embroidery module is not attached.	**1.** Connect the embroidery module to the machine. **2.** Contact the specialized BERNINA dealer to have the machine checked.
	The hoop is not attached.	▸ Attach the hoop.
	The hoop is attached.	▸ Remove the embroidery hoop.
	The movement of the hoop follows.	▸ Tap **Confirm** ✓ .
	The embroidery design is partly outside the hoop.	▸ Reposition the embroidery design and start embroidering it again.
	The embroidery design is too large.	**1.** Reduce the size of the embroidery design. **2.** Attach a larger hoop.

17 Error Messages

Message	Cause	Solution
Insufficient free space on the BERNINA USB stick (optional accessory).	Not enough free space on the USB stick.	► Delete data from the USB stick.
No personal data on the BERNINA USB stick (optional accessory).	No personal data for recovery available on the USB stick.	► Make sure that the data and settings have been saved on the USB stick.
The recovery of personal data has failed.	The firmware update has been successful but the personal data could not be recovered.	**1.** Make sure that the data and settings have been saved on the USB stick. **2.** Transfer saved data to the machine.
No BERNINA USB stick is inserted. Make sure that the same BERNINA USB stick remains connected during the entire automatic update process.	USB stick is not inserted.	► Use a BERNINA USB stick with enough free memory.
The firmware update has failed.	The latest firmware version cannot be found on the USB stick.	**1.** Make sure that the compressed zip file has been unzipped for the firmware update. **2.** Check whether the data for the software update is saved directly on the data medium and not in a file on the USB stick. **3.** Updating Firmware.
 	The machine must be cleaned/lubricated.	**1.** Clean the machine. **2.** Lubricate the hook. **Important information on oiling:** too much oil can stain the fabric and thread. ► After lubricating, always embroider on a test piece.
The automatic thread cutter (at the thread catcher) needs cleaning.	The automatic thread cutter needs cleaning. The message appears every time when the machine is started as soon as 1000 cutting cycles have been carried out.	**1.** Tap **Confirm**. ⇨ The machine calls up the function **Cleaning the Thread Catcher**. **2.** Clean the thread catcher according to the instructions on the screen. **3.** The counter for the cutting cycles is reset.

17 Error Messages

Message	Cause	Solution
Service interval reached: To ensure that your machine remains in proper working order in the long term, it is needed to service the machine by your BERNINA dealer.	The machine needs maintenance. The message appears once the programmed service interval has been reached.	**1.** Close the message. **2.** Contact your BERNINA dealer. After the third closing, the message is not displayed until the next service interval has been reached. **Important information:** When cleaning and maintenance work is carried out as instructed, the functionality and long service life of the machine is ensured. In case of non-compliance, the service life may be negatively affected and the warranty service may possibly become limited. The cost allocation for maintenance work is regulated nationally. Consult your authorized BERNINA dealer or your service center for more details.
	The calibration of the Buttonhole Foot with Slide #3A has failed.	**1.** Check the presser foot for ease of movement. If necessary, remove lint, dust and fabric remnants. **2.** Clean the reflector with a soft, slightly damp microfiber cloth. **3.** Check the position of the reflector. If necessary, correct the position of the reflector or replace the presser foot. **4.** Check the plastic on the underside of the presser foot for signs of wear. If necessary, replace the presser foot. **5.** Clean the feed dog. **6.** Contact your BERNINA dealer.
	The Internet connection is interrupted. It is not possible to receive messages.	**1.** Check the connection of the router to the Internet. **2.** Switch the WiFi on the machine off and on again. **3.** If the error still occurs, contact your authorized BERNINA dealer.
Connection Failed	The connection to the WiFi network could not be established.	**1.** Select the WiFi network again and enter the network name (SSID) or the password correctly. **2.** Check the router, e.g. that it is switched on.
#1000	The needle threader is jammed.	**1.** Switch the machine off. Press the needle threader down and release it again. Switch the machine on. **2.** If the error still occurs, contact your BERNINA dealer.

17 Error Messages

Message	Cause	Solution
#1001	The button **Thread Cutter** ✂ is stuck or defective.	**1.** Make sure that the button can be operated without restriction. **2.** If the error still occurs, contact your BERNINA dealer.
#1002	The button **Needle Position Up/Down** is stuck or defective.	**1.** Make sure that the button can be operated without restriction. **2.** If the error still occurs, contact your BERNINA dealer.
#1003	The button **Start/Stop** ○● is stuck or defective.	**1.** Make sure that the button can be operated without restriction. **2.** If the error still occurs, contact your BERNINA dealer.
#1004 #1005 #1010	The exact cause of the malfunction cannot be determined.	**1.** Restart the machine. **2.** If the error still occurs, contact your BERNINA dealer.
#1103	The threader mechanism is not in the correct position.	**1.** Confirm the message and press the **Automatic Needle Threader** button. **2.** Check the position of the threader mechanism. **3.** 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. **4.** 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.

18 Troubleshooting

The Automatic Needle Threader does not thread the needle	
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 30] ► 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 36]
The needle is bent.	► Replace the needle, make sure that a new BERNINA quality needle is used. [▸ see page 30]
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.
The automatic needle threader is dirty.	► Clean the needle threader. [▸ see page 93]
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.
BSR not detected	
BSR cable not inserted correctly.	► Insert the BSR connector properly and ensure it is clicked into place.
The screen does not respond	
Incorrect calibration data.	► Recalibrate the screen [▸ see page 92] ► 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** .
The eco Mode is active.	► Tap **eco-mode** .
Error during Firmware Update	
USB stick is not recognised.	► Use a BERNINA USB stick.

18 Troubleshooting

Error during Firmware Update	
The update process is blocked and the animation on the screen is inactive.	► Remove the USB stick. ► Switch the machine off. ► Switch the machine on. ► Follow the instruction on the screen. ► Contact your BERNINA dealer.
Firmware update files are not found.	► Unpack the compressed ZIP file according to the update instructions. ► Store data for the firmware update directly on the data medium and not in a folder on the USB stick.
Skipped Stitches	
Incorrect needle.	► Use the needle system 130/705H.
Needle 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 27]
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 41] ► Modify the maximum embroidery speed in the Settings. [▸ see page 43]
The Laser Dot is not visible or is at the wrong position	
The laser is concealed or deflected by the presser foot or the needle.	► Raise the needle. ► Fit another presser foot. ► Lower the presser foot before starting sewing. ► Contact your BERNINA dealer.

18 Troubleshooting

The Light of the button “Start-/Stop” doesn't light up	
Light is defective.	► Contact your BERNINA dealer.
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. ► Check the socket for power.
Room temperature is too warm or too cold.	► Place the machine in a warm room one hour before use. ► Connect the machine and switch it on.
The machine is damaged.	► Contact your BERNINA dealer.
Needle Breaks	
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.
Fabric was pulled.	► Feed the fabric evenly.
Thick fabric has been pushed.	► Use a suitable presser foot for thick fabric, e.g. Jeans Foot #8. ► Use the height compensation tool when sewing over a thick seam.
Knotted thread.	► Use quality thread.
The Sewing Light Does Not Light Up	
The sewing light is not switched on.	► Switch on the sewing light in the settings. [▸ see page 40]
The sewing light is defect.	► Contact your BERNINA dealer.
Faulty Stitching	
Thread remnants between the thread tension discs.	► Fold a piece of thin material and slide the folded edge (not the raw edges) between the thread tension discs.
Incorrectly threaded.	► Rethread the upper and lower thread.
Thread remnants below the bobbin case spring.	► Remove the bobbin case. ► Remove the thread remnants under the spring.

18 Troubleshooting

Upper thread is not threaded	
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.
Threader head is defective.	► Contact your BERNINA dealer.
Upper Thread Breaks	
Incorrect needle/thread combination.	► Match the needle with the thread size.
Upper thread is too tight.	► Reduce the upper thread tension.
Incorrectly threaded.	► Rethread the upper thread.
Poor quality thread.	► Use quality thread.
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 (1) on the head cover with the angular Torx screwdriver.  ► 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.
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 40]
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 31]
Upper thread tension too low.	► Adjust the upper thread tension. [▸ see page 47], [▸ see page 77]
The upper thread indicator is defective.	► Contact your BERNINA dealer.

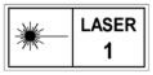
18 Troubleshooting

Buttonholes are repeatedly not sewn properly	
The Buttonhole Foot with Slide #3A is not calibrated with the machine.	► Calibrate Buttonhole Foot with Slide #3A. [▸ see page 90]
Lens on the presser foot is dirty.	► Clean the lens with a soft, slightly damp cloth.
Stitch Width Not Adjustable	
The selected needle and stitch plate cannot be used in combination.	► Replace the needle. [▸ see page 30] ► Replace the stitch plate. [▸ see page 27]
The presser foot selection prevents the adjustment of the stitch width.	► Attach and select a suitable presser foot. [▸ see page 37]
Uneven Stitch Formation	
Upper thread too tight or too loose.	► Adjust the upper thread tension. [▸ see page 47] ► Check the thread feed from the thread spool.
Needle blunt or bent.	► Replace the needle, make sure that a new BERNINA quality needle is used. [▸ see page 30]
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 31] ► Rehtread the bobbin thread. [▸ see page 35]
Fabric was 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.
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 27]
Needle blunt or bent.	► Replace the needle. [▸ see page 30]

18 Troubleshooting

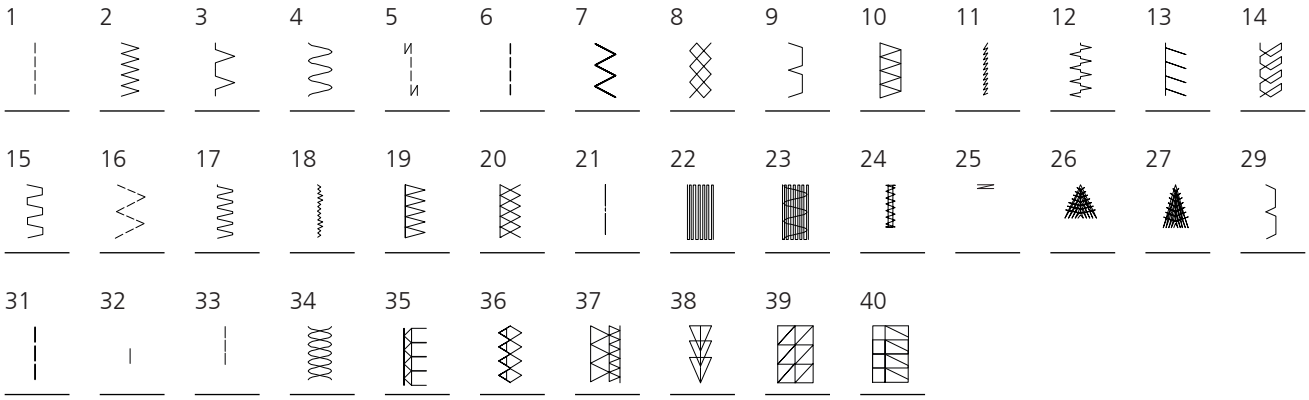
Bobbin Thread Indicator doesn't React as Expected	
The looper cover is opened.	► Close the bobbin cover.
The bobbin thread indicator is not switched on.	► Switch on the bobbin thread indicator in the Settings. [▸ see page 40]
The bobbin thread indicator is defect.	► Contact your BERNINA dealer.
USB stick is not detected	
USB stick is incompatible.	► Use a BERNINA USB stick or compatible USB stick.
USB stick not with correct file system.	► Use a USB stick with the FAT32 file system.

19 Technical Data

Term	Value	Unit
Maximum Speed	1000	Stitches per Minute
Needle System	130/705	
Measurements without the Spool Pin (W × H × D)	520 × 355 × 215 (20.5 × 14.0 × 8.5)	mm (in)
Measurements incl. Embroidery Module without Spool Pin (W × H × D)	950 × 355 × 630 (37.4 × 14.0 × 24.8)	mm (in)
Weight of the Machine	14 (30.9)	kg (lb)
Weight of the Embroidery Module	6.4 14.1	kg (lb)
Energy Consumption	140	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) Power Output (802.11 g) Power Output (802.11 n)	19.19 19.68 19.53	dBm dBm dBm
Laser Class (according to IEC 60825-1:2014)		
Protection Class (Electrical Engineering)	II	

20 Stitch Patterns

20.1 Practical Stitches

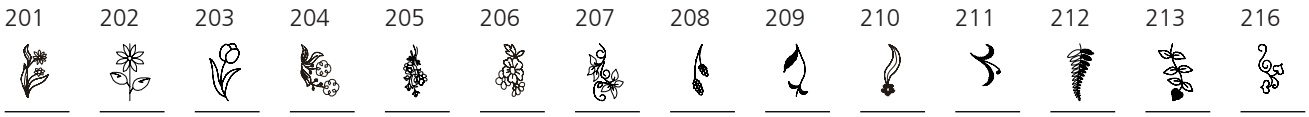


20.2 Decorative Stitches

Nature



Nature Sideways Motion



20 Stitch Patterns

217 218 219 220 230 231 232 233 234 235 236 237 238 239



240 241 242 243 244 245 246 247 248 249 250 251 252 268

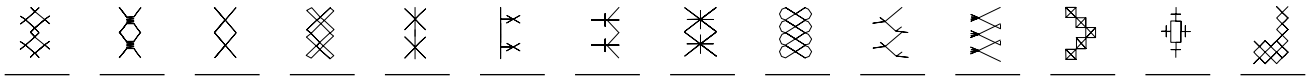


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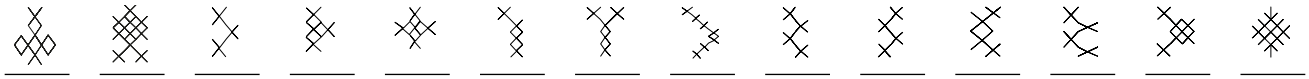


Cross Stitches

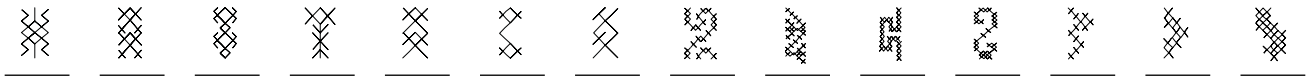
301 302 303 304 305 306 307 308 309 311 313 314 316 318



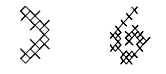
319 320 321 322 323 324 325 326 327 328 329 330 331 332



333 334 335 336 337 338 339 371 372 373 374 375 376 377

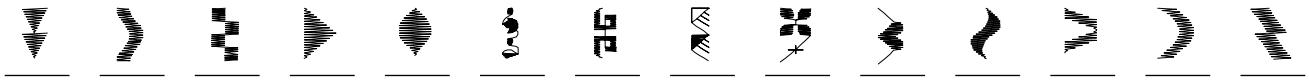


378 379



Satin

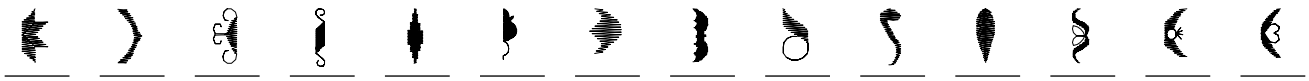
401 402 405 406 407 408 409 410 412 413 414 415 416 417



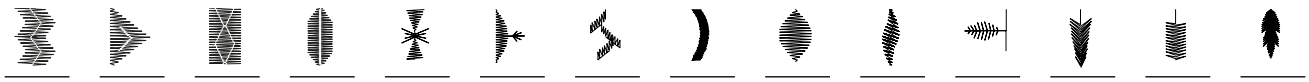
418 419 421 422 423 424 425 426 427 428 429 430 431 433



434 436 437 440 442 443 444 445 447 448 449 450 451 452

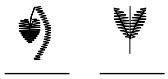


453 454 455 456 457 458 461 464 465 466 467 468 469 471



20 Stitch Patterns

472 473



Satin Sideways Motion

501 503 505 506 507 508 509 510 511 512 513 514 517 518

519 520 523 524 525



Geometric

601 602 603 604 605 606 607 608 609 610 611 612 613 614

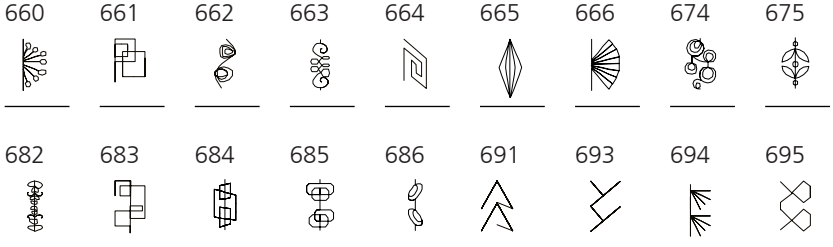
615 616 618 619 620 621 622 623 624 625 626 627 628 629

630 631 632 633 634 635 636 637 639 640 641 642 643 644

645 646 647 648 649 650 651 652 653 654 655 656 657 658

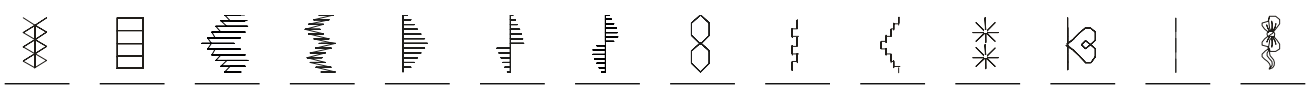
660 661 662 663 664 665 666 674 675 676 677 678 679 680

682 683 684 685 686 691 693 694 695



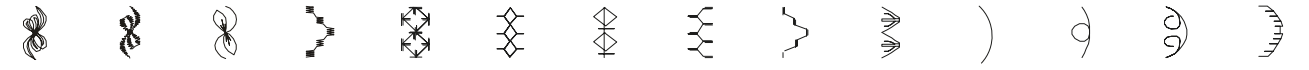
Heirloom

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

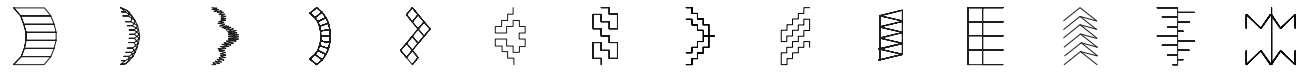


20 Stitch Patterns

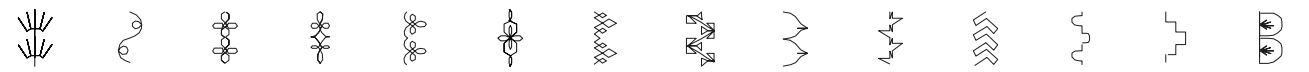
715 716 717 721 722 723 724 725 726 727 729 730 731 732



733 734 735 736 737 738 739 740 741 742 743 744 745 746



747 748 749 750 751 752 756 757 758 759 762 764 765 766



767 768 769 770 771 772 773 774 775 776 777 778 779 780



781 782 783



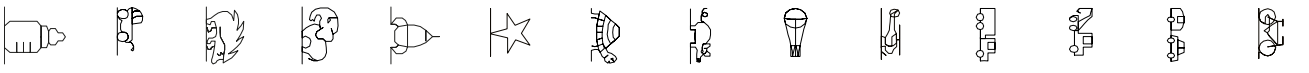
Heirloom Sideways Motion

801 802 803 804 805 833 834 835 840 841



Children

901 902 903 904 905 906 907 908 909 910 911 912 913 914



915 916 917 918 919 920 921 922 924 926 928 929 933 934



935 937 938 939 940 944 945 946 948 949 950 952 954 955



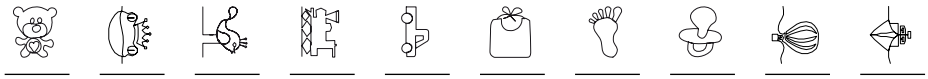
957 958 959 960 961 962



20 Stitch Patterns

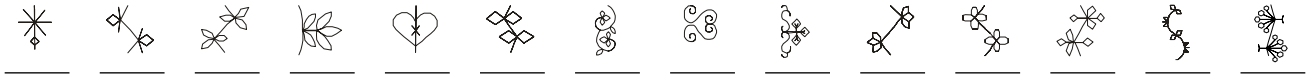
Children Sideways Motion

1001 1002 1003 1004 1005 1006 1007 1008 1014 1015



Filigree Sideways Motion

1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214



1215 1216 1217 1218 1220 1221 1222 1223 1225 1226 1227



Tapering

1401 1402 1403 1404 1405 1406 1409 1411 1412 1413 1414 1415 1416 1417



1418 1419 1420 1422 1423 1424 1430 1431 1446 1447 1448 1450 1460 1462



Banner

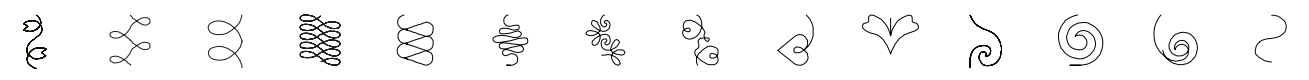
1501 1502 1503 1504 1505 1506 1507 1508 1509 1510 1511 1512 1513 1514

1515 1516 1517 1518 1519 1520 1521 1522 1524 1525 1526 1527 1528 1529

1531 1534

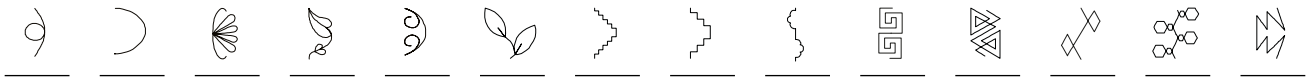
Quilting Stitches Sideways Motion

1601 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1612 1613 1614

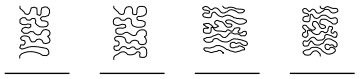


20 Stitch Patterns

1615 1616 1617 1618 1619 1620 1629 1630 1631 1632 1633 1634 1635 1636

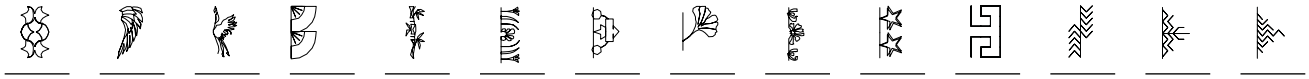


1657 1658 1659 1660

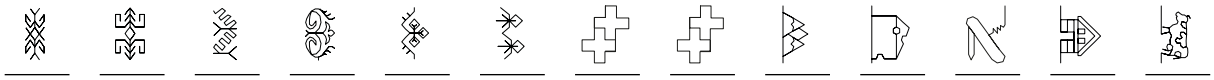


International

1701 1702 1703 1704 1705 1706 1707 1708 1709 1710 1711 1715 1716 1717

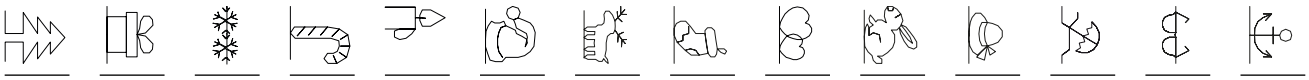


1718 1719 1720 1721 1722 1723 1729 1730 1731 1732 1733 1735 1736

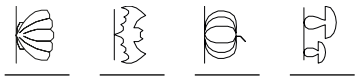


Seasons

2001 2002 2003 2004 2005 2006 2007 2008 2009 2015 2016 2017 2018 2019

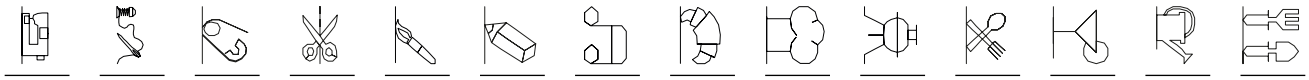


2020 2021 2022 2023

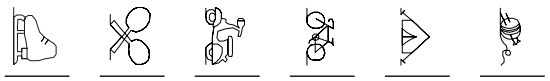


Sport and Hobbies

2201 2202 2203 2204 2205 2206 2207 2209 2210 2211 2212 2213 2215 2216

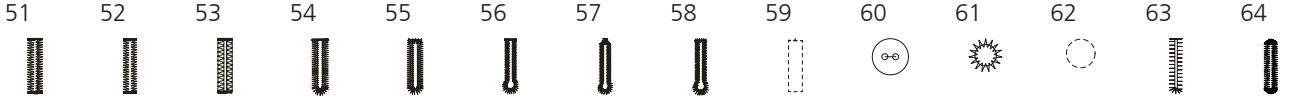


2217 2218 2219 2220 2222 2227



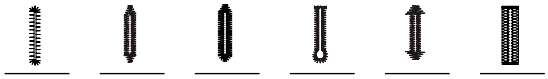
20.3 Buttonholes

51 52 53 54 55 56 57 58 59 60 61 62 63 64



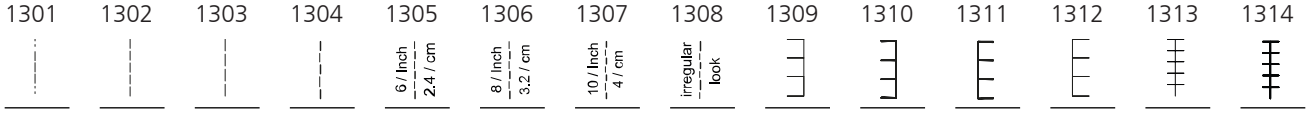
20 Stitch Patterns

65 66 67 68 69 70

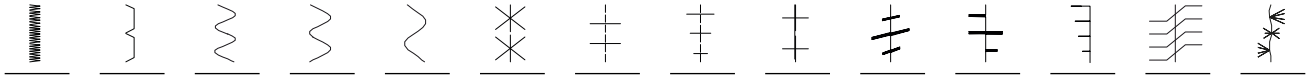


20.4 Quilting Stitches

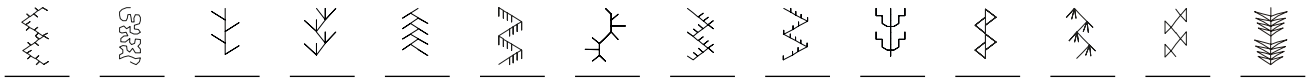
1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314



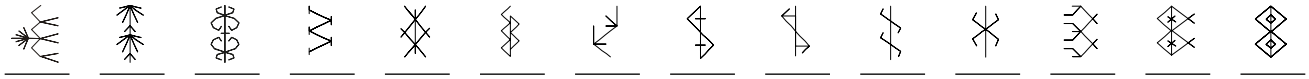
1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1329



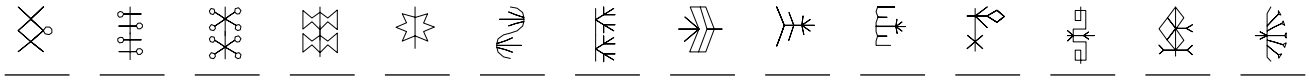
1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343



1344 1345 1346 1363 1364 1365 1366 1367 1368 1369 1370 1371 1373 1374

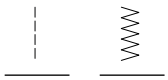


1375 1376 1377 1378 1379 1380 1381 1382 1384 1385 1386 1387 1388 1389



20.5 BSR Stitches

1 2



21 Embroidery Designs

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			

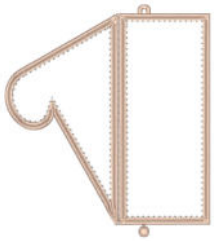
21.1 Projects

You can find the detailed embroidery instructions at https://www.bernina.com/pro-designs.

12888-01

110 x 125 mm 4.3 x 4.9 inch | 10.220

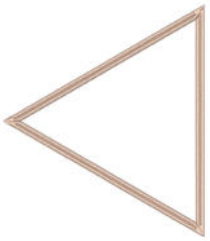
1. Isacord 40 2520
2. Isacord 40 2520
3. Isacord 40 2520
4. Isacord 40 2520
5. Isacord 40 0010



12888-02

98 x 113 mm 3.9 x 4.4 inch | 4.457

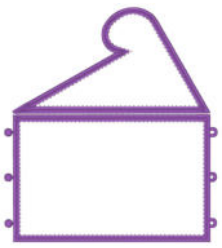
1. Isacord 40 2520
2. Isacord 40 2520
3. Isacord 40 2520
4. Isacord 40 2520



12888-03

150 x 165 mm 5.9 x 6.5 inch | 14.152

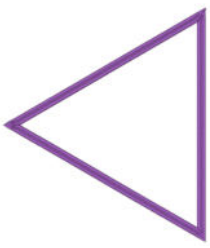
1. Isacord 40 2905
2. Isacord 40 2905
3. Isacord 40 2905
4. Isacord 40 2905
5. Isacord 40 0010



12888-04

122 x 141 mm 4.8 x 5.6 inch | 5.603

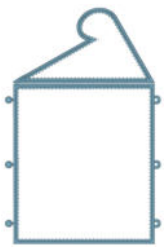
1. Isacord 40 2905
2. Isacord 40 2905
3. Isacord 40 2905
4. Isacord 40 2905



12888-05

125 x 190 mm 4.9 x 7.5 inch | 13.411

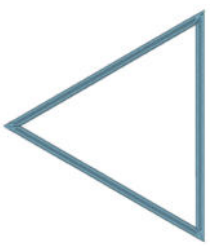
1. Isacord 40 4032
2. Isacord 40 4032
3. Isacord 40 4032
4. Isacord 40 4032
5. Isacord 40 0010



12888-06

98 x 113 mm 3.9 x 4.4 inch | 4.457

1. Isacord 40 4032
2. Isacord 40 4032
3. Isacord 40 4032
4. Isacord 40 4032



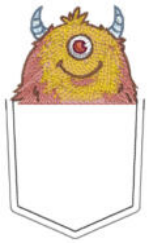
21 Embroidery Designs

51240-28

76 x 130 mm
3 x 5.1 inch

6.028

1. Isacord 40 1332
2. Isacord 40 0811
3. Isacord 40 3963
4. Isacord 40 3910
5. Isacord 40 3810
6. Isacord 40 0010
7. Isacord 40 0131
8. Isacord 40 1913
9. Isacord 40 1521
10. Isacord 40 2123
11. Isacord 40 1322
12. Isacord 40 0020
13. Isacord 40 0020

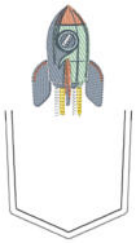


51240-32

76 x 142 mm
3 x 5.6 inch

3.835

1. Isacord 40 0010
2. Isacord 40 0811
3. Isacord 40 5450
4. Isacord 40 4752
5. Isacord 40 1725
6. Isacord 40 0010
7. Isacord 40 3743
8. Isacord 40 1725
9. Isacord 40 0020
10. Isacord 40 0020

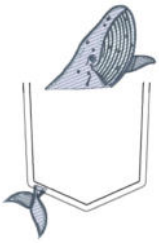


51240-36

92 x 141 mm
3.6 x 5.5 inch

5.338

1. Isacord 40 3641
2. Isacord 40 3963
3. Isacord 40 3743
4. Isacord 40 0020
5. Isacord 40 0020

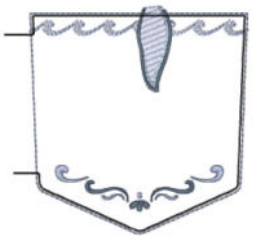


51240-35

89 x 83 mm
3.5 x 3.3 inch

2.628

1. Isacord 40 0020
2. Isacord 40 3641
3. Isacord 40 3641
4. Isacord 40 3963
5. Isacord 40 3743
6. Isacord 40 0020

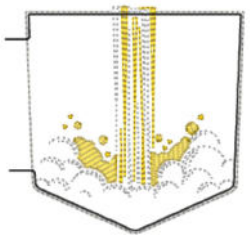


51240-31

87 x 83 mm
3.4 x 3.3 inch

3.327

1. Isacord 40 0010
2. Isacord 40 0010
3. Isacord 40 0010
4. Isacord 40 0811
5. Isacord 40 0020

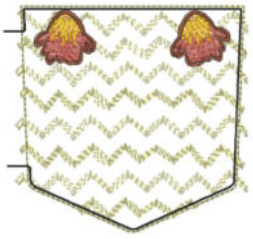


51240-27

87 x 80 mm
3.4 x 3.2 inch

4.258

1. Isacord 40 0630
2. Isacord 40 0630
3. Isacord 40 0630
4. Isacord 40 1332
5. Isacord 40 0811
6. Isacord 40 1322
7. Isacord 40 0020

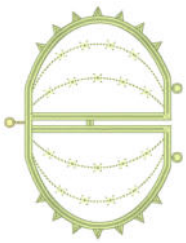


51298-02

99 x 129 mm
3.9 x 5.1 inch

9.279

1. Isacord 40 0630
2. Isacord 40 0630
3. Isacord 40 0630
4. Isacord 40 6051

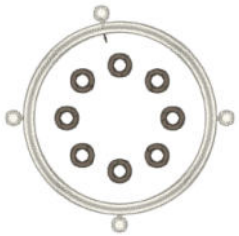


51298-03

83 x 82 mm
3.3 x 3.2 inch

5.081

1. Isacord 40 0870
2. Isacord 40 0870
3. Isacord 40 0870
4. Isacord 40 1565



51298-04

38 x 230 mm
1.5 x 9.1 inch

17.556

1. Isacord 40 0630
2. Isacord 40 0630
3. Isacord 40 0630
4. Isacord 40 1220
5. Isacord 40 1565
6. Isacord 40 0870

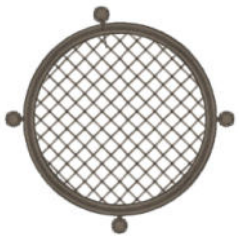


51298-05

83 x 82 mm
3.3 x 3.2 inch

4.439

1. Isacord 40 1565
2. Isacord 40 1565
3. Isacord 40 1565



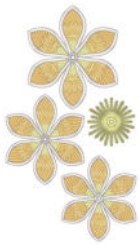
21 Embroidery Designs

51298-06

110 x 199 mm
4.3 x 7.8 inch

34.440

1. Isacord 40 0630
2. Isacord 40 1220
3. Isacord 40 1860



51298-01

88 x 129 mm
3.4 x 5.1 inch

9.306

1. Isacord 40 6051
2. Isacord 40 6051
3. Isacord 40 6051

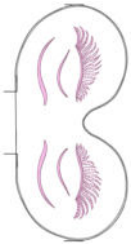


12751-03

100 x 192 mm
3.9 x 7.6 inch

5.132

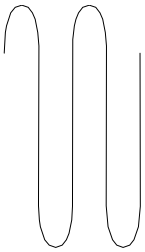
1. Isacord 40 2550
2. Isacord 40 2550
3. Isacord 40 2550
4. Isacord 40 2550
5. Isacord 40 2550
6. Isacord 40 2550
7. Isacord 40 2550
8. Isacord 40 2550



21.2 Quilting

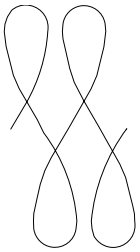
Basics_01

1. Isacord 40 0020



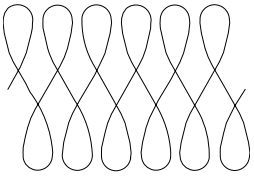
Basics_02

1. Isacord 40 0020



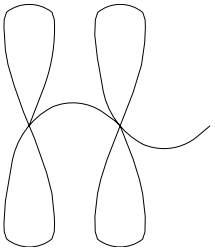
Basics_03

1. Isacord 40 0020



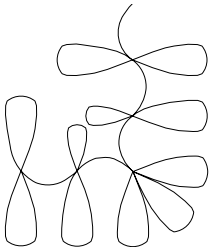
Basics_04

1. Isacord 40 0020



Basics_04_corner

1. Isacord 40 0020



Basics_05

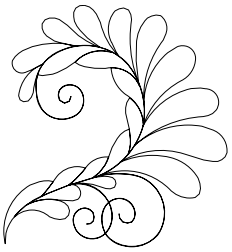
1. Isacord 40 0020



21 Embroidery Designs

12380-04q

1. Isacord 40 0020



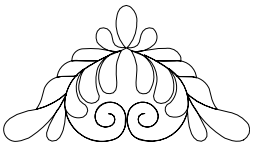
12380-08q

1. Isacord 40 0020



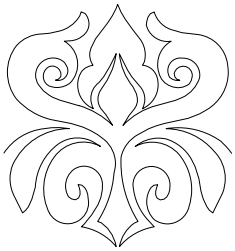
12380-09q

1. Isacord 40 0020



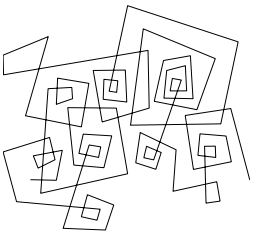
32196-01

1. Isacord 40 0020



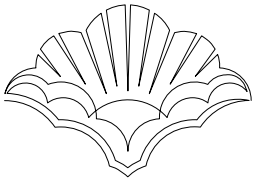
32196-02

1. Isacord 40 0020



32196-03

1. Isacord 40 0020



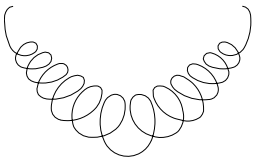
32196-04

1. Isacord 40 0020



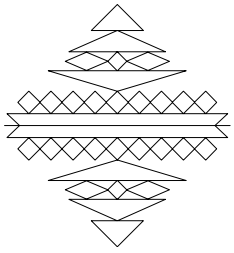
32196-05

1. Isacord 40 0020



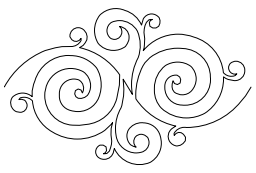
32196-06

1. Isacord 40 0020



32196-07

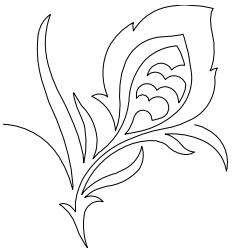
1. Isacord 40 0020



21 Embroidery Designs

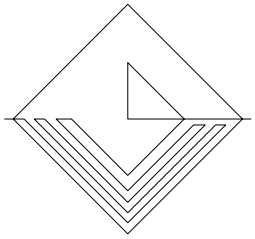
32196-08

1. Isacord 40 0020



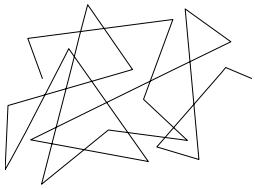
32196-09

1. Isacord 40 0020



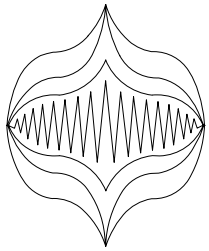
32196-10

1. Isacord 40 0020



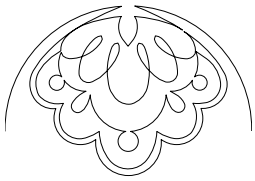
32196-11

1. Isacord 40 0020



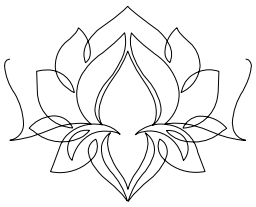
32196-12

1. Isacord 40 0020



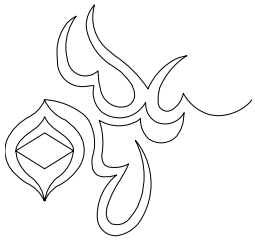
32196-13

1. Isacord 40 0020



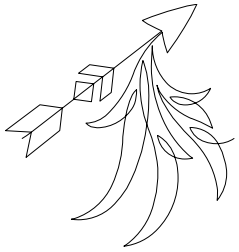
32196-14

1. Isacord 40 0020



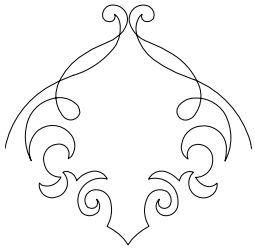
32196-15

1. Isacord 40 0020



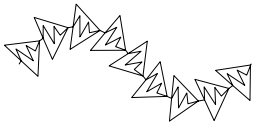
32196-16

1. Isacord 40 0020



32196-17

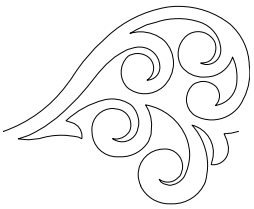
1. Isacord 40 0020



21 Embroidery Designs

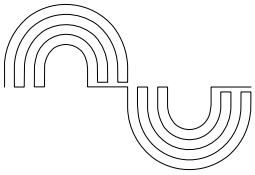
32196-18

1. Isacord 40 0020



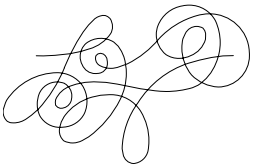
32196-19

1. Isacord 40 0020



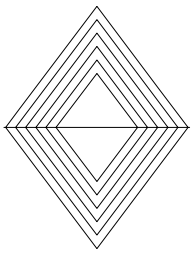
32196-20

1. Isacord 40 0020



32196-21

1. Isacord 40 0020



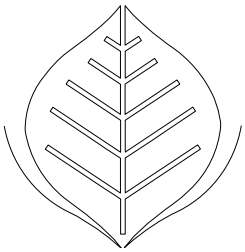
32196-22

1. Isacord 40 0020



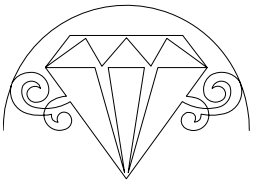
32196-23

1. Isacord 40 0020



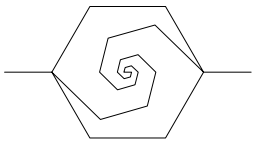
32196-24

1. Isacord 40 0020



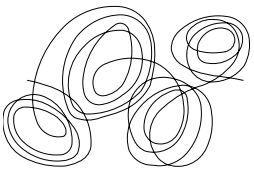
32196-25

1. Isacord 40 0020



32196-26

1. Isacord 40 0020



32196-27

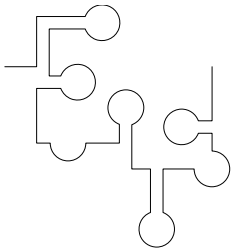
1. Isacord 40 0020



21 Embroidery Designs

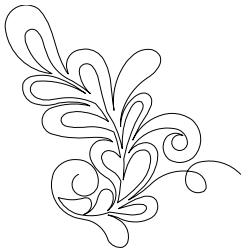
32196-28

1. Isacord 40 0020



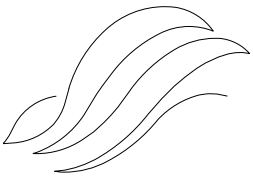
32196-29

1. Isacord 40 0020



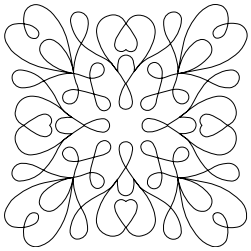
32196-30

1. Isacord 40 0020



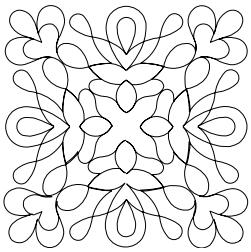
BD285q

1. Isacord 40 0020



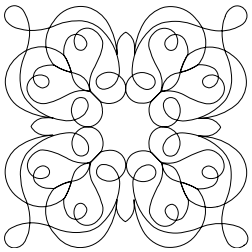
BD288q

1. Isacord 40 0020



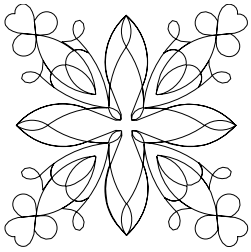
BD289q

1. Isacord 40 0020



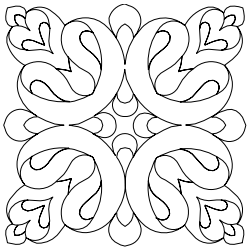
BD292q

1. Isacord 40 0020



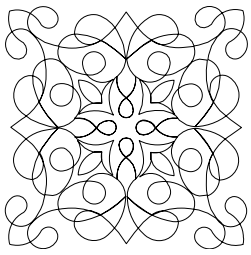
BD299q

1. Isacord 40 0020



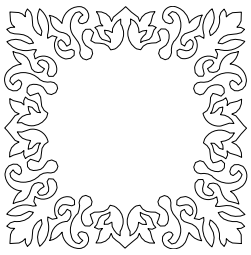
BD308q

1. Isacord 40 0020



BD394

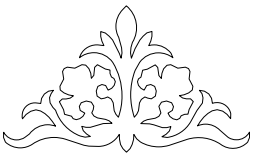
1. Isacord 40 0020



21 Embroidery Designs

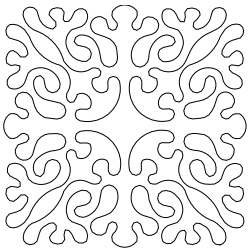
BD412

1. Isacord 40 0020



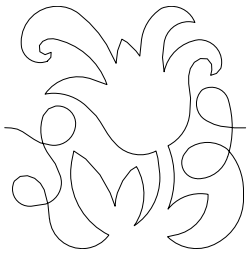
BD413

1. Isacord 40 0020



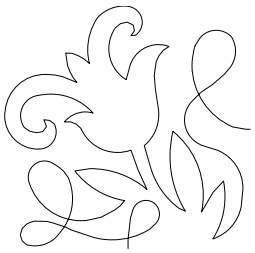
BD513

1. Isacord 40 0020



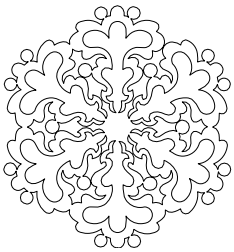
BD514

1. Isacord 40 0020



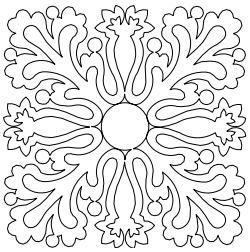
BD553

1. Isacord 40 0020



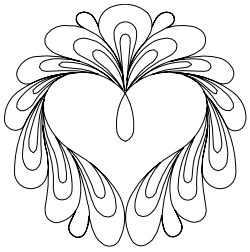
BD554

1. Isacord 40 0020



BD567

1. Isacord 40 0020



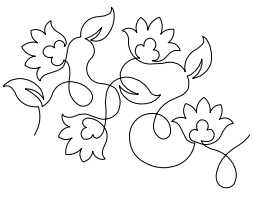
BD659

1. Isacord 40 0020



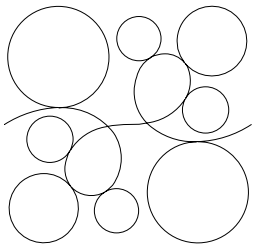
BD665

1. Isacord 40 0020



BD800

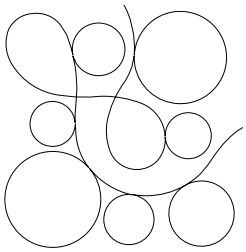
1. Isacord 40 0020



21 Embroidery Designs

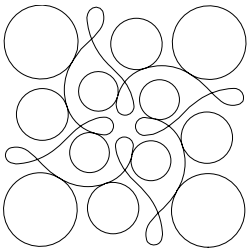
BD801

1. Isacord 40 0020



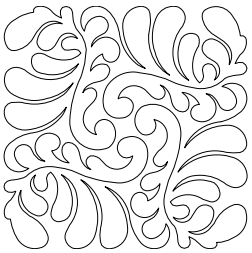
BD804

1. Isacord 40 0020



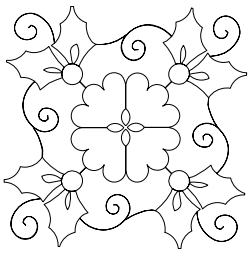
BD837

1. Isacord 40 0020



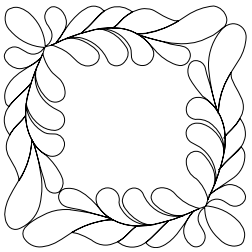
HE959

1. Isacord 40 0020



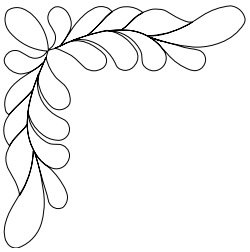
Quilt project_1

1. Isacord 40 0020



Quilt project_2

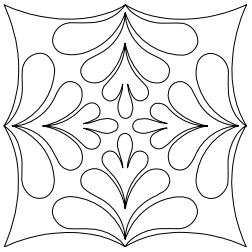
1. Isacord 40 0020



Amanda Murphy

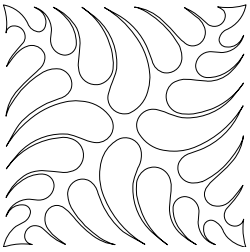
80202-01

1. Isacord 40 0020



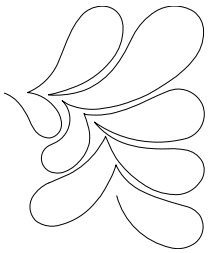
80202-02

1. Isacord 40 0020



80202-03

1. Isacord 40 0020



80202-04

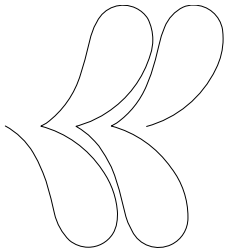
1. Isacord 40 0020



21 Embroidery Designs

80202-05

1. Isacord 40 0020



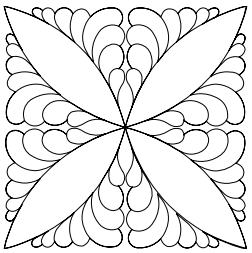
80202-06

1. Isacord 40 0020



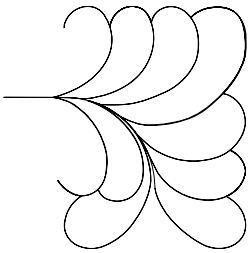
80257-01

1. Isacord 40 0020



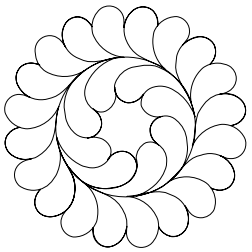
80257-02

1. Isacord 40 0020



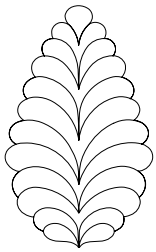
80257-03

1. Isacord 40 0020



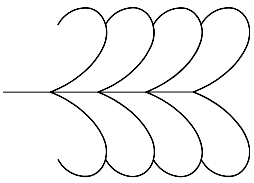
80257-04

1. Isacord 40 0020



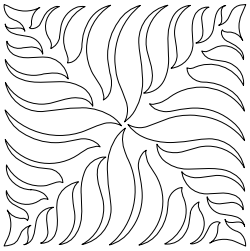
80257-05

1. Isacord 40 0020



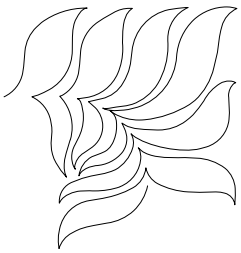
80210-01

1. Isacord 40 0020



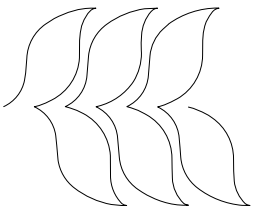
80210-04

1. Isacord 40 0020



80210-07

1. Isacord 40 0020



21 Embroidery Designs

21.3 Embellishment

12804-04

203 x 213 mm
8 x 8.4 inch

37.019

1. Isacord 40 2300
2. Isacord 40 1551
3. Isacord 40 0506
4. Isacord 40 1904
5. Isacord 40 2220



12746-11

110 x 110 mm
4.3 x 4.3 inch

21.560

1. Isacord 40 2762
2. Isacord 40 0761
3. Isacord 40 2764
4. Isacord 40 2153



12627-22

67 x 173 mm
2.6 x 6.8 inch

9.172

1. Isacord 40 2320



12633-09

120 x 120 mm
4.7 x 4.7 inch

16.361

1. Isacord 40 0015



12655-13

110 x 126 mm
4.3 x 5 inch

10.045

1. Isacord 40 1055



12713-03

134 x 132 mm
5.3 x 5.2 inch

26.164

1. Isacord 40 5832
2. Isacord 40 5450
3. Isacord 40 5722
4. Isacord 40 1321
5. Isacord 40 1911
6. Isacord 40 4174
7. Isacord 40 2530
8. Isacord 40 2320
9. Isacord 40 1730
10. Isacord 40 1911
11. Isacord 40 0800
12. Isacord 40 1321
13. Isacord 40 0015
14. Isacord 40 4174



51202-14

82 x 139 mm
3.2 x 5.5 inch

21.603

1. Isacord 40 0622
2. Isacord 40 2153
3. Isacord 40 0310
4. Isacord 40 5555
5. Isacord 40 5513
6. Isacord 40 6043
7. Isacord 40 2153



12791-04L

203 x 207 mm
8 x 8.1 inch

15.540

1. Isacord 40 4174
2. Isacord 40 4174
3. Isacord 40 1900
4. Isacord 40 4174
5. Isacord 40 0310
6. Isacord 40 4174



12812-01L

197 x 222 mm
7.7 x 8.7 inch

31.258

1. Isacord 40 0020



12812-02L

197 x 176 mm
7.8 x 6.9 inch

29.132

1. Isacord 40 0020



21 Embroidery Designs

12812-08M

146 x 199 mm
5.7 x 7.8 inch

23.815

1. Isacord 40 0020



12812-03L

197 x 205 mm
7.8 x 8.1 inch

38.896

1. Isacord 40 0020



12843-04

126 x 199 mm
5 x 7.8 inch

16.487

1. Isacord 40 0520
2. Isacord 40 0310
3. Isacord 40 5510
4. Isacord 40 5740
5. Isacord 40 5610
6. Isacord 40 0311
7. Isacord 40 0010
8. Isacord 40 5510
9. Isacord 40 0311



12843-08

129 x 172 mm
5.1 x 6.8 inch

13.522

1. Isacord 40 0311
2. Isacord 40 0520
3. Isacord 40 0310
4. Isacord 40 0010
5. Isacord 40 5510
6. Isacord 40 0520
7. Isacord 40 5610
8. Isacord 40 5740
9. Isacord 40 0310



12843-10

87 x 163 mm
3.4 x 6.4 inch

12.094

1. Isacord 40 0311
2. Isacord 40 0310
3. Isacord 40 0520
4. Isacord 40 5740
5. Isacord 40 5610
6. Isacord 40 5510
7. Isacord 40 0010
8. Isacord 40 0310



12854-01

208 x 280 mm
8.2 x 11 inch

17.641

1. Isacord 40 0015



12854-02

137 x 298 mm
5.4 x 11.8 inch

11.045

1. Isacord 40 0015

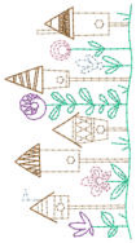


12919-01

84 x 154 mm
3.3 x 6.1 inch

5.864

1. Isacord 40 5210
2. Isacord 40 0934
3. Isacord 40 3962
4. Isacord 40 2560
5. Isacord 40 2732
6. Isacord 40 1055



12919-02

73 x 152 mm
2.9 x 6 inch

6.442

1. Isacord 40 2560
2. Isacord 40 2732
3. Isacord 40 1220
4. Isacord 40 0934
5. Isacord 40 1055
6. Isacord 40 3962
7. Isacord 40 3820



21021-10

117 x 148 mm
4.6 x 5.8 inch

14.469

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



21 Embroidery Designs

21021-14

122 x 122 mm
4.8 x 4.8 inch

18.063

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

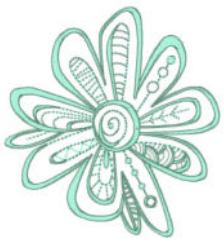


12627-05

93 x 100 mm
3.7 x 3.9 inch

8.679

1. Isacord 40 5230



51278-01

116 x 147 mm
4.6 x 5.8 inch

14.604

1. Isacord 40 1260
2. Isacord 40 0731



51278-06

170 x 117 mm
6.7 x 4.6 inch

15.393

1. Isacord 40 1260
2. Isacord 40 0731



51278-08

82 x 165 mm
3.2 x 6.5 inch

4.893

1. Isacord 40 0731
2. Isacord 40 1260



51278-09

110 x 128 mm
4.3 x 5 inch

7.310

1. Isacord 40 1260
2. Isacord 40 0731



51278-10

89 x 228 mm
3.5 x 9 inch

6.998

1. Isacord 40 0731
2. Isacord 40 1260



51289-03

146 x 130 mm
5.7 x 5.1 inch

13.672

1. Isacord 40 4740
2. Isacord 40 0010
3. Isacord 40 4410
4. Isacord 40 4610
5. Isacord 40 4643
6. Isacord 40 4410
7. Isacord 40 4610
8. Isacord 40 4740
9. Isacord 40 5643
10. Isacord 40 5510
11. Isacord 40 0010
12. Isacord 40 0622



12458-01

32 x 174 mm
1.3 x 6.9 inch

798

1. Isacord 40 2900



80090-06

84 x 37 mm
3.3 x 1.4 inch

3.766

1. Applique 1
2. Applique 2
3. Isacord 40 4103



21 Embroidery Designs

80090-07

128 x 36 mm
5 x 1.4 inch

5.450

1. Applique 1
2. Applique 2
3. Isacord 40 5440



Fq520_48

257 x 212 mm
10.1 x 8.4 inch

15.274

1. YLI variations 8010
2. YLI variations 8004
3. YLI variations 8023
4. Isacord 40 9805
5. Isacord 40 9405
6. YLI variations 8023
7. YLI variations 8006
8. YLI variations 8019
9. Isacord 40 9912
10. Isacord 40 9918
11. YLI variations 8020
12. YLI variations 8006
13. Isacord 40 9916
14. Isacord 40 9605
15. YLI variations 8008
16. YLI variations 8009
17. Isacord 40 9914
18. Isacord 40 9405
19. Isacord 40 9916
20. Isacord 40 9302
21. Isacord 40 9805
22. YLI variations 8019
23. Isacord 40 9405
24. YLI variations 8020
25. Isacord 40 9605
26. YLI variations 8009
27. YLI variations 8021
28. YLI variations 8014



Fq505_48

105 x 100 mm
4.1 x 3.9 inch

4.618

1. Isacord 40 9405
2. Isacord 40 9916
3. Isacord 40 9302
4. Isacord 40 9805
5. YLI variations 8019
6. Isacord 40 9405
7. YLI variations 8020
8. Isacord 40 9605
9. YLI variations 8009
10. YLI variations 8021

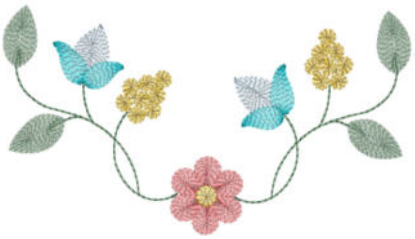


Fq506_48

154 x 87 mm
6.1 x 3.4 inch

3.796

1. Isacord 40 9405
2. YLI variations 8020
3. Isacord 40 9805
4. YLI variations 8006
5. YLI variations 8008
6. YLI variations 8020



Fq518_48

90 x 114 mm
3.5 x 4.5 inch

4.269

1. YLI variations 8006
2. Isacord 40 9916
3. Isacord 40 9605
4. YLI variations 8008
5. YLI variations 8014
6. YLI variations 8009
7. Isacord 40 9914



51204-15

28 x 172 mm
1.1 x 6.8 inch

5.304

1. Isacord 40 5510
2. Isacord 40 0703
3. Isacord 40 3713
4. Isacord 40 1102
5. Isacord 40 3210
6. Isacord 40 1805
7. Isacord 40 2723



51209-09

68 x 162 mm
2.7 x 6.4 inch

14.542

1. Isacord 40 0020
2. Isacord 40 4410



51209-08

50 x 163 mm
2 x 6.4 inch

15.255

1. Isacord 40 3030
2. Isacord 40 2920
3. Isacord 40 0020



21 Embroidery Designs

51202-08

75 x 165 mm
2.9 x 6.5 inch

7.518

1. Isacord 40 2152
2. Isacord 40 1921



12620-14

87 x 120 mm
3.4 x 4.7 inch

12.023

1. Isacord 40 2520



21.4 Flowers

51227-08

124 x 136 mm
4.9 x 5.4 inch

26.077

1. Isacord 40 4430
2. Isacord 40 0010
3. Isacord 40 4610
4. Isacord 40 4515
5. Isacord 40 0702
6. Isacord 40 1521
7. Isacord 40 1840
8. Isacord 40 1860
9. Isacord 40 4174
10. Isacord 40 1704
11. Isacord 40 1521
12. Isacord 40 0010
13. Isacord 40 1755
14. Isacord 40 4174



51227-10

90 x 136 mm
3.5 x 5.4 inch

20.095

1. Isacord 40 4515
2. Isacord 40 0702
3. Isacord 40 4610
4. Isacord 40 0010
5. Isacord 40 1840
6. Isacord 40 1860
7. Isacord 40 4531
8. Isacord 40 4515
9. Isacord 40 1521
10. Isacord 40 1840
11. Isacord 40 4174
12. Isacord 40 0010
13. Isacord 40 1840



Fq561_48

185 x 243 mm
7.3 x 9.6 inch

18.778

1. Isacord 40 0552
2. Isacord 40 6051
3. Isacord 40 5833
4. Isacord 40 5934
5. Isacord 40 5822
6. Isacord 40 5833
7. Isacord 40 5650
8. Isacord 40 3652
9. Isacord 40 3641
10. Isacord 40 3620
11. Isacord 40 0970
12. Isacord 40 1805
13. Isacord 40 2123
14. Isacord 40 1913



12879-07L

155 x 151 mm
6.1 x 5.9 inch

5.437

1. Isacord 40 5740
2. Isacord 40 5440
3. Isacord 40 5210



Nb826_48

135 x 133 mm
5.3 x 5.2 inch

11.154

1. Isacord 40 9971
2. Isacord 40 9978
3. Isacord 40 9973
4. Isacord 40 1972



Fs327_48

125 x 123 mm
4.9 x 4.8 inch

10.514

1. Isacord 40 0862



21 Embroidery Designs

12914-01

117 x 155 mm
4.6 x 6.1 inch

19.835

1. Isacord 40 2600
2. Isacord 40 2241
3. Isacord 40 2944
4. Isacord 40 1342
5. Isacord 40 5643
6. Isacord 40 5912
7. Isacord 40 0465



12914-02

112 x 154 mm
4.4 x 6.1 inch

16.778

1. Isacord 40 5643
2. Isacord 40 5722
3. Isacord 40 5912
4. Isacord 40 0465



12914-03

113 x 153 mm
4.4 x 6 inch

13.250

1. Isacord 40 5643
2. Isacord 40 5722
3. Isacord 40 5912
4. Isacord 40 0853
5. Isacord 40 0465



12914-06

110 x 151 mm
4.3 x 5.9 inch

15.331

1. Isacord 40 5722
2. Isacord 40 5912
3. Isacord 40 0465



12914-07

122 x 153 mm
4.8 x 6 inch

11.873

1. Isacord 40 5643
2. Isacord 40 0853
3. Isacord 40 5912
4. Isacord 40 0465



12914-08

106 x 159 mm
4.2 x 6.3 inch

16.390

1. Isacord 40 5912
2. Isacord 40 5643
3. Isacord 40 5722
4. Isacord 40 0465



12919-04

82 x 154 mm
3.2 x 6.1 inch

6.068

1. Isacord 40 5210
2. Isacord 40 5220
3. Isacord 40 3820
4. Isacord 40 1362
5. Isacord 40 1220
6. Isacord 40 0934



51259-07

126 x 150 mm
4.9 x 5.9 inch

7.750

1. Isacord 40 3743
2. Isacord 40 1600



51285-08

124 x 135 mm
4.9 x 5.3 inch

10.513

1. Isacord 40 0152
2. Isacord 40 2650
3. Isacord 40 2721
4. Isacord 40 0020
5. Isacord 40 0020



Fq986_48

139 x 145 mm
5.5 x 5.7 inch

23.426

1. Isacord 40 5650
2. Isacord 40 5833
3. Isacord 40 0352
4. Isacord 40 5934
5. Isacord 40 0465
6. Isacord 40 5822
7. Isacord 40 0015
8. Isacord 40 0781
9. Isacord 40 0170
10. Isacord 40 0731
11. Isacord 40 0640
12. Isacord 40 6133



21 Embroidery Designs

Fs316_48

124 x 167 mm
4.9 x 6.6 inch

9.758

1. Isacord 40 3853



Oc86020

65 x 82 mm
2.6 x 3.2 inch

2.462

1. Isacord 40 5610
2. Isacord 40 0504
3. Isacord 40 0922
4. Isacord 40 1840
5. Isacord 40 2363
6. Isacord 40 0520
7. Isacord 40 1123



12417-08

104 x 160 mm
4.1 x 6.3 inch

13.421

1. Isacord 40 0442
2. Isacord 40 0721
3. Isacord 40 0532
4. Isacord 40 0345
5. Isacord 40 1521
6. Isacord 40 0811
7. Isacord 40 1010
8. Isacord 40 1311



12505-03

108 x 162 mm
4.3 x 6.4 inch

8.606

1. Isacord 40 0442
2. Isacord 40 5822
3. Isacord 40 5822
4. Isacord 40 6031
5. Isacord 40 5633
6. Isacord 40 2810
7. Isacord 40 2530
8. Isacord 40 2530
9. Isacord 40 2155
10. Isacord 40 0811
11. Isacord 40 0811
12. Isacord 40 2830
13. Isacord 40 2830
14. Isacord 40 2504
15. Isacord 40 4103
16. Isacord 40 0311
17. Isacord 40 0931
18. Isacord 40 0020



12505-11

104 x 174 mm
4.1 x 6.9 inch

11.419

1. Isacord 40 0442
2. Isacord 40 5822
3. Isacord 40 5822
4. Isacord 40 6031
5. Isacord 40 5633
6. Isacord 40 2810
7. Isacord 40 2810
8. Isacord 40 0811
9. Isacord 40 0811
10. Isacord 40 1800
11. Isacord 40 1800
12. Isacord 40 0504
13. Isacord 40 0931
14. Isacord 40 2900
15. Isacord 40 2530
16. Isacord 40 1912
17. Isacord 40 1543
18. Isacord 40 0020



12505-04

124 x 176 mm
4.9 x 6.9 inch

11.861

1. Isacord 40 3840
2. Isacord 40 3840
3. Isacord 40 3815
4. Isacord 40 0311
5. Isacord 40 5822
6. Isacord 40 5822
7. Isacord 40 6031
8. Isacord 40 5633
9. Isacord 40 0811
10. Isacord 40 0811
11. Isacord 40 2530
12. Isacord 40 2530
13. Isacord 40 2300
14. Isacord 40 2155
15. Isacord 40 0931
16. Isacord 40 0504
17. Isacord 40 0020
18. Isacord 40 0442



12505-10

102 x 134 mm
4 x 5.3 inch

5.685

1. Isacord 40 4103
2. Isacord 40 0442
3. Isacord 40 5822
4. Isacord 40 5822
5. Isacord 40 6031
6. Isacord 40 5633
7. Isacord 40 1800
8. Isacord 40 1800
9. Isacord 40 2504
10. Isacord 40 0504
11. Isacord 40 0020



Fs332_48

95 x 174 mm
3.8 x 6.8 inch

12.081

1. Isacord 40 1725



21 Embroidery Designs

Fs337_48

69 x 136 mm
2.7 x 5.4 inch

7.998

1. Isacord 40 1730

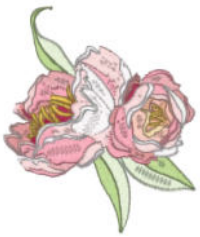


51202-11

64 x 75 mm
2.5 x 3 inch

7.224

1. Isacord 40 5770
2. Isacord 40 5822
3. Isacord 40 1911
4. Isacord 40 1921
5. Isacord 40 1430
6. Isacord 40 1532
7. Isacord 40 1362
8. Isacord 40 2153
9. Isacord 40 2152
10. Isacord 40 2155
11. Isacord 40 2171
12. Isacord 40 0010
13. Isacord 40 0622

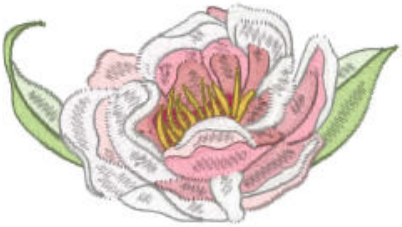


51202-12

83 x 46 mm
3.3 x 1.8 inch

5.388

1. Isacord 40 5770
2. Isacord 40 5822
3. Isacord 40 1911
4. Isacord 40 2155
5. Isacord 40 2152
6. Isacord 40 2171
7. Isacord 40 2153
8. Isacord 40 1921
9. Isacord 40 0010
10. Isacord 40 0622



12852-01

193 x 150 mm
7.6 x 5.9 inch

17.004

1. Isacord 40 0010



12852-07

122 x 126 mm
4.8 x 4.9 inch

10.996

1. Isacord 40 0010



12852-15

86 x 108 mm
3.4 x 4.3 inch

6.566

1. Isacord 40 0010



21.5 Children

12662-08

105 x 109 mm
4.1 x 4.3 inch

12.928

1. Isacord 40 1032
2. Isacord 40 1032
3. Isacord 40 1032
4. Isacord 40 1010
5. Isacord 40 0015
6. Isacord 40 5822
7. Isacord 40 4220
8. Isacord 40 4531
9. Isacord 40 1055
10. Isacord 40 0576



12436-29

100 x 37 mm
3.9 x 1.4 inch

2.464

1. YLI variations 8016
2. YLI variations 8015
3. Yenmet 7030



21 Embroidery Designs

12441-37

116 x 103 mm
4.6 x 4 inch

4.741

1. Isacord 40 1900

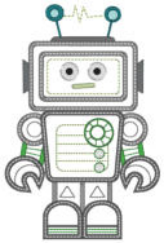


12590-04

104 x 158 mm
4.1 x 6.2 inch

24.036

1. Isacord 40 5740
2. Isacord 40 5740
3. Isacord 40 5740
4. Isacord 40 5740
5. Isacord 40 5740
6. Isacord 40 5740
7. Isacord 40 5740
8. Isacord 40 5740
9. Isacord 40 5740
10. Isacord 40 0015
11. Isacord 40 0020
12. Isacord 40 4230
13. Isacord 40 4116
14. Isacord 40 5510
15. Isacord 40 0132
16. Isacord 40 0112
17. Isacord 40 0132
18. Isacord 40 0015

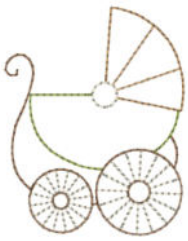


12401-16

62 x 80 mm
2.5 x 3.1 inch

1.274

1. Isacord 40 1346
2. Isacord 40 1342
3. Isacord 40 0170
4. Isacord 40 5934



51237-06

39 x 139 mm
1.5 x 5.5 inch

8.619

1. Isacord 40 1703
2. Isacord 40 1010
3. Isacord 40 1030
4. Isacord 40 4620
5. Isacord 40 0945
6. Isacord 40 1565
7. Isacord 40 0576



51267-07

99 x 144 mm
3.9 x 5.7 inch

18.599

1. Isacord 40 4250
2. Isacord 40 4610
3. Isacord 40 1060
4. Isacord 40 1030
5. Isacord 40 1310
6. Isacord 40 2155
7. Isacord 40 1753
8. Isacord 40 4133



51272-07

117 x 147 mm
4.6 x 5.8 inch

21.530

1. Isacord 40 2153
2. Isacord 40 4250
3. Isacord 40 3750
4. Isacord 40 3971
5. Isacord 40 0970
6. Isacord 40 0184
7. Isacord 40 1760
8. Isacord 40 4174
9. Isacord 40 2153



51211-14

82 x 169 mm
3.2 x 6.7 inch

12.945

1. Isacord 40 1141
2. Isacord 40 1141
3. Isacord 40 1141
4. Isacord 40 1141
5. Isacord 40 1141
6. Isacord 40 1141
7. Isacord 40 1141
8. Isacord 40 1141
9. Isacord 40 1141
10. Isacord 40 2123
11. Isacord 40 3810
12. Isacord 40 3630
13. Isacord 40 3732
14. Isacord 40 4074
15. Isacord 40 1972
16. Isacord 40 0020
17. Isacord 40 0184
18. Isacord 40 2123
19. Isacord 40 0722
20. Isacord 40 0020
21. Isacord 40 1760
22. Isacord 40 0874
23. Isacord 40 0015
24. Isacord 40 0232
25. Isacord 40 5832



51211-16

111 x 144 mm
4.4 x 5.7 inch

8.230

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020
4. Isacord 40 0015
5. Isacord 40 2123



21 Embroidery Designs

51211-04

106 x 172 mm
4.2 x 6.8 inch

18.131

1. Isacord 40 0138
2. Isacord 40 0138
3. Isacord 40 0138
4. Isacord 40 0138
5. Isacord 40 0138
6. Isacord 40 0138
7. Isacord 40 0138
8. Isacord 40 0138
9. Isacord 40 0138
10. Isacord 40 4174
11. Isacord 40 0020
12. Isacord 40 1972
13. Isacord 40 0700
14. Isacord 40 1904
15. Isacord 40 2123
16. Isacord 40 0184
17. Isacord 40 1141
18. Isacord 40 1252
19. Isacord 40 6141
20. Isacord 40 5833
21. Isacord 40 5944
22. Isacord 40 1760
23. Isacord 40 0874



51266-06

70 x 166 mm
2.7 x 6.5 inch

13.036

1. Isacord 40 0622
2. Isacord 40 0622
3. Isacord 40 0622
4. Isacord 40 0520



51252-03

122 x 152 mm
4.8 x 6 inch

23.665

1. Isacord 40 2152
2. Isacord 40 0015
3. Isacord 40 4430
4. Isacord 40 0020
5. Isacord 40 0702
6. Isacord 40 2152



51252-07

80 x 151 mm
3.2 x 5.9 inch

14.585

1. Isacord 40 4421
2. Isacord 40 4430
3. Isacord 40 2152
4. Isacord 40 0702
5. Isacord 40 0250
6. Isacord 40 0015
7. Isacord 40 0020



51252-08

97 x 154 mm
3.8 x 6.1 inch

21.693

1. Isacord 40 2241
2. Isacord 40 2152
3. Isacord 40 0702
4. Isacord 40 0250
5. Isacord 40 0015
6. Isacord 40 0020



51252-09

98 x 160 mm
3.8 x 6.3 inch

20.912

1. Isacord 40 0020
2. Isacord 40 0132
3. Isacord 40 2152
4. Isacord 40 0702
5. Isacord 40 0250
6. Isacord 40 0015
7. Isacord 40 0020



51252-10

102 x 153 mm
4 x 6 inch

17.531

1. Isacord 40 4421
2. Isacord 40 4430
3. Isacord 40 0702
4. Isacord 40 0250
5. Isacord 40 0015
6. Isacord 40 0020



51252-11

94 x 155 mm
3.7 x 6.1 inch

20.179

1. Isacord 40 2241
2. Isacord 40 2152
3. Isacord 40 0702
4. Isacord 40 0250
5. Isacord 40 0015
6. Isacord 40 0020



51252-12

102 x 151 mm
4 x 5.9 inch

19.365

1. Isacord 40 0020
2. Isacord 40 0132
3. Isacord 40 0702
4. Isacord 40 0250
5. Isacord 40 0015
6. Isacord 40 0020



51252-13

92 x 146 mm
3.6 x 5.7 inch

13.658

1. Isacord 40 4421
2. Isacord 40 4430
3. Isacord 40 0702
4. Isacord 40 0250
5. Isacord 40 0015
6. Isacord 40 0020



21 Embroidery Designs

51252-14

96 x 153 mm
3.8 x 6 inch

21.686

1. Isacord 40 2241
2. Isacord 40 2152
3. Isacord 40 0702
4. Isacord 40 0250
5. Isacord 40 0015
6. Isacord 40 0020



51252-15

100 x 150 mm
3.9 x 5.9 inch

19.368

1. Isacord 40 0020
2. Isacord 40 0132
3. Isacord 40 4430
4. Isacord 40 0702
5. Isacord 40 0250
6. Isacord 40 0015
7. Isacord 40 0020



51252-16

95 x 151 mm
3.7 x 5.9 inch

19.661

1. Isacord 40 4421
2. Isacord 40 4430
3. Isacord 40 0702
4. Isacord 40 0250
5. Isacord 40 0015
6. Isacord 40 0020

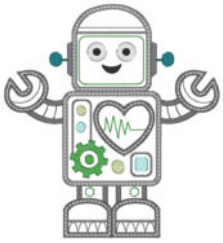


12590-03

135 x 147 mm
5.3 x 5.8 inch

22.117

1. Applique 1
2. Applique 2
3. Applique 1
4. Applique 2
5. Applique 1
6. Applique 2
7. Applique 1
8. Applique 2
9. Isacord 40 0015
10. Isacord 40 0020
11. Isacord 40 5510
12. Isacord 40 5650
13. Isacord 40 4230
14. Isacord 40 4116
15. Isacord 40 0132
16. Isacord 40 0112
17. Isacord 40 0015

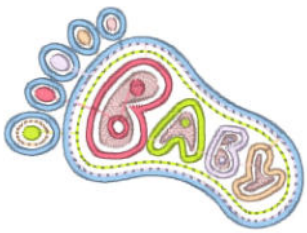


Cm031_48

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



Cm226_48

63 x 63 mm
2.5 x 2.5 inch

6.214

1. Isacord 40 0101
2. Isacord 40 0131
3. Isacord 40 0152
4. Isacord 40 0020
5. Isacord 40 1755



Cm220_48

71 x 72 mm
2.8 x 2.8 inch

7.571

1. Isacord 40 1755
2. Isacord 40 0101
3. Isacord 40 0142
4. Isacord 40 0101
5. Isacord 40 4071
6. Isacord 40 0142
7. Isacord 40 0934
8. Isacord 40 0020



Be790305

118 x 145 mm
4.6 x 5.7 inch

13.118

1. Isacord 40 0015
2. Applique 1
3. Applique 3
4. Isacord 40 3541
5. Applique 1
6. Applique 3
7. Isacord 40 0345
8. Applique 1
9. Applique 3
10. Isacord 40 1900
11. Isacord 40 0020
12. Isacord 40 0015



Be790307

142 x 127 mm
5.6 x 5 inch

19.667

1. Applique 1
2. Applique 3
3. Isacord 40 3130
4. Applique 1
5. Applique 3
6. Isacord 40 0003
7. Isacord 40 1720
8. Isacord 40 0020
9. Isacord 40 0520
10. Isacord 40 3541



Be790308

155 x 178 mm
6.1 x 7 inch

25.448

1. Isacord 40 0020
2. Applique 1
3. Applique 2
4. Isacord 40 1720



21 Embroidery Designs

Be790311

114 x 152 mm
4.5 x 6 inch

12.320

1. Applique 1
2. Applique 3
3. Isacord 40 0933
4. Applique 1
5. Applique 3
6. Applique 1
7. Applique 3
8. Isacord 40 0776
9. Applique 1
10. Applique 3
11. Isacord 40 1900
12. Isacord 40 0176
13. Isacord 40 0015
14. Isacord 40 0020



Be790306

132 x 151 mm
5.2 x 6 inch

18.399

1. Isacord 40 0003
2. Applique 1
3. Applique 2
4. Isacord 40 0003
5. Isacord 40 3910
6. Isacord 40 0230
7. Isacord 40 2723
8. Isacord 40 1301
9. Isacord 40 2640
10. Isacord 40 0003
11. Isacord 40 3332



Be790309

87 x 150 mm
3.4 x 5.9 inch

13.252

1. Applique 1
2. Applique 3
3. Isacord 40 0015
4. Isacord 40 1900
5. Isacord 40 0020
6. Isacord 40 4116
7. Isacord 40 0176
8. Isacord 40 0015
9. Isacord 40 0310



Be790310

138 x 136 mm
5.4 x 5.4 inch

16.278

1. Applique 1
2. Applique 3
3. Applique 1
4. Applique 3
5. Isacord 40 1161
6. Isacord 40 1141
7. Isacord 40 1161
8. Isacord 40 3654
9. Isacord 40 0176
10. Isacord 40 1141
11. Isacord 40 0020
12. Isacord 40 0015
13. Isacord 40 1900



Be790312

122 x 133 mm
4.8 x 5.2 inch

22.489

1. Applique 1
2. Applique 3
3. Applique 1
4. Applique 3
5. Isacord 40 0015
6. Isacord 40 1600
7. Isacord 40 0108
8. Isacord 40 2912
9. Isacord 40 3600
10. Isacord 40 1141
11. Isacord 40 0020



Be790313

99 x 102 mm
3.9 x 4 inch

8.788

1. Applique 1
2. Applique 3
3. Isacord 40 3750
4. Isacord 40 1114
5. Isacord 40 1900
6. Isacord 40 3620
7. Isacord 40 2510
8. Isacord 40 5324
9. Isacord 40 1114
10. Isacord 40 1060
11. Isacord 40 4114
12. Isacord 40 0020
13. Isacord 40 0015



21.6 Animals

51202-02

114 x 145 mm
4.5 x 5.7 inch

12.428

1. Isacord 40 0010
2. Isacord 40 2762
3. Isacord 40 0182
4. Isacord 40 2776
5. Isacord 40 2152
6. Isacord 40 0020
7. Isacord 40 0310
8. Isacord 40 1755
9. Isacord 40 5770
10. Isacord 40 5822
11. Isacord 40 1911
12. Isacord 40 1921
13. Isacord 40 1430
14. Isacord 40 1532
15. Isacord 40 1362
16. Isacord 40 2153
17. Isacord 40 2152
18. Isacord 40 2155
19. Isacord 40 2171
20. Isacord 40 0010



12375-04

129 x 71 mm
5.1 x 2.8 inch

8.191

1. Isacord 40 0811
2. Isacord 40 0020
3. Isacord 40 3630
4. Isacord 40 5722



21 Embroidery Designs

12375-09

158 x 217 mm
6.2 x 8.6 inch

18.055

1. Isacord 40 3251
2. Isacord 40 2532
3. Isacord 40 1906
4. Isacord 40 5722
5. Isacord 40 3630
6. Isacord 40 0811
7. Isacord 40 1304
8. Isacord 40 0105
9. Isacord 40 0020



12454-14

64 x 31 mm
2.5 x 1.2 inch

6.666

1. Isacord 40 3810
2. Yenmet 7037
3. Isacord 40 3732
4. Isacord 40 0020
5. Isacord 40 0015
6. Isacord 40 3810



12824-03M

144 x 150 mm
5.7 x 5.9 inch

11.307

1. Isacord 40 1134
2. Isacord 40 0922
3. Isacord 40 1172
4. Isacord 40 0945



12878-01

141 x 112 mm
5.6 x 4.4 inch

8.899

1. Isacord 40 3852
2. Isacord 40 1362
3. Isacord 40 1030
4. Isacord 40 4250
5. Isacord 40 4430



12910-03

142 x 118 mm
5.6 x 4.6 inch

18.848

1. Isacord 40 0853
2. Isacord 40 0870
3. Isacord 40 0832
4. Isacord 40 1755
5. Isacord 40 2211
6. Isacord 40 2153
7. Isacord 40 1565



51248-14L

150 x 268 mm
5.9 x 10.5 inch

8.496

1. Isacord 40 2715
2. Isacord 40 3902
3. Isacord 40 0922
4. Isacord 40 3630
5. Isacord 40 2723
6. Isacord 40 3645



Wp380_48

80 x 116 mm
3.2 x 4.6 inch

4.638

1. Isacord 40 0020



Wp383_48

71 x 82 mm
2.8 x 3.2 inch

13.891

1. Isacord 40 0352
2. Isacord 40 5833
3. Isacord 40 0015
4. Isacord 40 1874
5. Isacord 40 0150
6. Isacord 40 4174
7. Isacord 40 0020
8. Isacord 40 0015
9. Isacord 40 4174



Wp389_48

154 x 327 mm
6.1 x 12.9 inch

53.330

1. Isacord 40 5822
2. Isacord 40 0651
3. Isacord 40 0015
4. Isacord 40 0842
5. Isacord 40 1755
6. Isacord 40 0853
7. Isacord 40 1055
8. Isacord 40 1233
9. Isacord 40 1123
10. Isacord 40 0945
11. Isacord 40 0150
12. Isacord 40 0111
13. Isacord 40 1430
14. Isacord 40 0020
15. Isacord 40 0131
16. Isacord 40 3971
17. Isacord 40 2674
18. Isacord 40 0111
19. Isacord 40 0108
20. Isacord 40 0132
21. Isacord 40 4174
22. Isacord 40 0020
23. Isacord 40 0015
24. Isacord 40 5833



12791-01L

203 x 241 mm
8 x 9.5 inch

34.026

1. Isacord 40 4174
2. Isacord 40 0310
3. Isacord 40 3910
4. Isacord 40 2363
5. Isacord 40 5515
6. Isacord 40 0904
7. Isacord 40 1940
8. Isacord 40 2504
9. Isacord 40 2520
10. Isacord 40 4116



21 Embroidery Designs

12676-01

81 x 148 mm
3.2 x 5.8 inch

15.344

1. Isacord 40 2171
2. Isacord 40 2530
3. Isacord 40 2155
4. Isacord 40 2520
5. Isacord 40 2500



Cm263_48

116 x 192 mm
4.6 x 7.6 inch

14.402

1. Isacord 40 3151
2. Isacord 40 0532
3. Isacord 40 1755
4. Isacord 40 2171
5. Isacord 40 2761
6. Isacord 40 0015
7. Isacord 40 0020
8. Isacord 40 2155



12389-10

53 x 45 mm
2.1 x 1.8 inch

2.784

1. Isacord 40 0020
2. Yenmet 7003
3. Isacord 40 0170
4. Isacord 40 0811
5. Isacord 40 0940
6. Isacord 40 0800
7. Isacord 40 0713
8. Isacord 40 0933
9. Isacord 40 0020

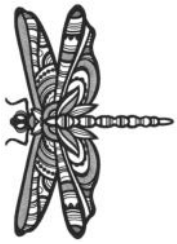


12760-02

122 x 171 mm
4.8 x 6.7 inch

21.512

1. Isacord 40 0020



Wp415_48

132 x 148 mm
5.2 x 5.8 inch

25.110

1. Isacord 40 0941
2. Isacord 40 0532
3. Isacord 40 0945
4. Isacord 40 0020



Cm216_48

47 x 67 mm
1.9 x 2.6 inch

5.046

1. Isacord 40 1010
2. Isacord 40 0101
3. Isacord 40 0132
4. Isacord 40 0020
5. Isacord 40 0124
6. Isacord 40 1010
7. YLI variations 8012



Cm213_48

58 x 102 mm
2.3 x 4 inch

7.866

1. Isacord 40 1840
2. Isacord 40 1055
3. Isacord 40 1252
4. Isacord 40 0651
5. Isacord 40 0660
6. Isacord 40 0020
7. Isacord 40 1055



Wp421_48

96 x 137 mm
3.8 x 5.4 inch

14.219

1. Isacord 40 1161
2. Isacord 40 1876
3. Isacord 40 1154



Na248

78 x 73 mm
3.1 x 2.9 inch

10.132

1. Isacord 40 0101
2. Isacord 40 3971
3. Isacord 40 2220
4. Isacord 40 0132
5. Isacord 40 2051
6. Isacord 40 2155
7. Isacord 40 2320
8. Isacord 40 2220
9. Yenmet 7023



Hd977

98 x 98 mm
3.8 x 3.9 inch

13.738

1. Isacord 40 3962
2. Isacord 40 0015
3. Isacord 40 0640
4. Isacord 40 0824
5. Isacord 40 2650
6. Isacord 40 0020
7. Isacord 40 0142
8. Isacord 40 0640
9. Isacord 40 0824
10. Isacord 40 2650
11. Isacord 40 2830
12. Isacord 40 1352
13. Yenmet 7029



21 Embroidery Designs

Lj598

106 x 81 mm
4.2 x 3.2 inch

15.746

1. Isacord 40 0101
2. Isacord 40 0131
3. Isacord 40 0132
4. Isacord 40 4174
5. Isacord 40 0108
6. Isacord 40 0020
7. Isacord 40 5933
8. Isacord 40 0453



51274-05

82 x 177 mm
3.2 x 7 inch

28.909

1. Isacord 40 2170
2. Isacord 40 1860
3. Isacord 40 2051
4. Isacord 40 0010
5. Isacord 40 0761
6. Isacord 40 1123
7. Isacord 40 2051
8. Isacord 40 1543
9. Isacord 40 4174
10. Isacord 40 0020
11. Isacord 40 0853
12. Isacord 40 0945
13. Isacord 40 4174
14. Isacord 40 0010



51274-04

89 x 140 mm
3.5 x 5.5 inch

33.260

1. Isacord 40 2170
2. Isacord 40 1860
3. Isacord 40 2051
4. Isacord 40 0761
5. Isacord 40 1123
6. Isacord 40 0853
7. Isacord 40 1134
8. Isacord 40 0945
9. Isacord 40 0010
10. Isacord 40 5542
11. Isacord 40 0020
12. Isacord 40 1375
13. Isacord 40 2051
14. Isacord 40 1123
15. Isacord 40 4174
16. Isacord 40 0020
17. Isacord 40 0108
18. Isacord 40 0010



21.7 Lace

12742-01

137 x 133 mm
5.4 x 5.2 inch

41.668

1. Isacord 40 1911



12779-02

87 x 210 mm
3.4 x 8.3 inch

63.342

1. Isacord 40 1874

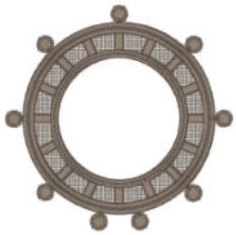


12779-05

76 x 75 mm
3 x 2.9 inch

8.875

1. Isacord 40 1874



12837-02

229 x 229 mm
9 x 9 inch

21.284

1. Isacord 40 5912



21 Embroidery Designs

12889-09

133 x 224 mm
5.3 x 8.8 inch

51.499

1. Isacord 40 0017
2. Isacord 40 3652
3. Isacord 40 2650
4. Isacord 40 3030



12896-05

116 x 117 mm
4.6 x 4.6 inch

32.525

1. Isacord 40 0781



82011-30

107 x 130 mm
4.2 x 5.1 inch

17.281

1. Isacord 40 0660
2. Yenmet 7013



82011-28

134 x 99 mm
5.3 x 3.9 inch

23.505

1. Isacord 40 0660
2. Yenmet 7013



Nb952_48

108 x 119 mm
4.3 x 4.7 inch

22.514

1. Isacord 40 0020
2. Isacord 40 4174
3. Isacord 40 0020
4. Isacord 40 4174
5. Isacord 40 0761



Oc00303

101 x 110 mm
4 x 4.4 inch

35.018

1. Isacord 40 0015



12410-08

80 x 168 mm
3.2 x 6.6 inch

22.500

1. Isacord 40 1874



12410-07

115 x 158 mm
4.5 x 6.2 inch

30.450

1. Isacord 40 1874



12410-15

29 x 133 mm
1.1 x 5.3 inch

9.439

1. Isacord 40 4752



12454-05

117 x 108 mm
4.6 x 4.3 inch

17.499

1. Isacord 40 0015
2. Isacord 40 2650
3. Isacord 40 2155
4. Isacord 40 0015



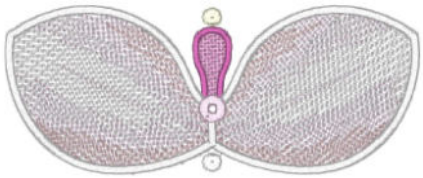
21 Embroidery Designs

12454-06

117 x 48 mm
4.6 x 1.9 inch

11.296

1. Isacord 40 0250
2. Isacord 40 2508
3. Isacord 40 0015
4. Isacord 40 2650
5. Isacord 40 2155
6. Isacord 40 0015
7. Isacord 40 2650

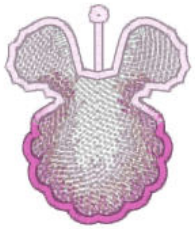


12454-07

48 x 57 mm
1.9 x 2.3 inch

6.491

1. Isacord 40 0015
2. Isacord 40 2650
3. Isacord 40 2508
4. Isacord 40 2155
5. Isacord 40 2650



12398-29

26 x 153 mm
1 x 6 inch

13.035

1. Isacord 40 1351



12398-30

77 x 77 mm
3 x 3 inch

12.150

1. Isacord 40 1351



12659-01

45 x 58 mm
1.8 x 2.3 inch

6.790

1. Isacord 40 1352
2. Isacord 40 1430



12659-06

37 x 59 mm
1.4 x 2.3 inch

6.465

1. Isacord 40 4625
2. Isacord 40 4515



21021-25

34 x 71 mm
1.3 x 2.8 inch

4.748

1. Isacord 40 1252



12766-08

86 x 139 mm
3.4 x 5.5 inch

18.797

1. Isacord 40 0017
2. Isacord 40 0017
3. Isacord 40 0017
4. Isacord 40 0017
5. Yenmet 7005
6. Isacord 40 1903



21.8 Mini

12373-08

16 x 16 mm
0.6 x 0.6 inch

232

1. Isacord 40 0776



12418-27

13 x 25 mm
0.5 x 1 inch

339

1. Isacord 40 5822
2. Isacord 40 2250



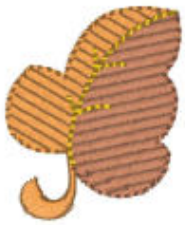
21 Embroidery Designs

12422-31

32 x 40 mm
1.3 x 1.6 inch

2.539

1. Isacord 40 1114
2. Isacord 40 1311
3. Isacord 40 0811



12428-26

22 x 28 mm
0.9 x 1.1 inch

377

1. Isacord 40 0015

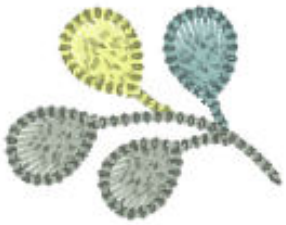


12508-12

44 x 34 mm
1.8 x 1.3 inch

1.789

1. Isacord 40 4752
2. Isacord 40 0352
3. Isacord 40 5552



12508-21

46 x 60 mm
1.8 x 2.4 inch

2.629

1. Isacord 40 6133
2. Isacord 40 4752
3. Isacord 40 5552



12508-30

46 x 58 mm
1.8 x 2.3 inch

1.662

1. Isacord 40 0124
2. Isacord 40 0352
3. Isacord 40 6133



12819-02

33 x 30 mm
1.3 x 1.2 inch

1.588

1. Isacord 40 4071
2. Isacord 40 0015
3. Isacord 40 0800
4. Isacord 40 0020



12819-04

30 x 37 mm
1.2 x 1.5 inch

1.396

1. Isacord 40 0020
2. Isacord 40 2530
3. Isacord 40 0800
4. Isacord 40 0131



12819-06

34 x 25 mm
1.4 x 1 inch

914

1. Isacord 40 0970
2. Isacord 40 0771
3. Isacord 40 0945
4. Isacord 40 1725



12819-14

31 x 30 mm
1.2 x 1.2 inch

999

1. Isacord 40 0015
2. Isacord 40 2530
3. Isacord 40 6141
4. Isacord 40 0020



12819-17

32 x 34 mm
1.3 x 1.4 inch

1.277

1. Isacord 40 3830
2. Isacord 40 3730
3. Isacord 40 5531



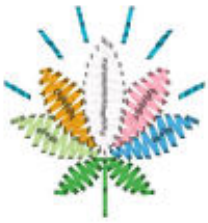
21 Embroidery Designs

12822-06

34 x 36 mm
1.3 x 1.4 inch

1.083

1. Isacord 40 5510
2. Isacord 40 5822
3. Isacord 40 3901
4. Isacord 40 2152
5. Isacord 40 0904
6. Isacord 40 2171
7. Isacord 40 4114



12822-07

32 x 38 mm
1.3 x 1.5 inch

1.781

1. Isacord 40 3901
2. Isacord 40 5822
3. Isacord 40 4114
4. Isacord 40 0015

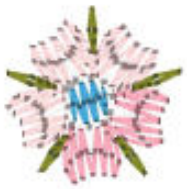


12822-13

28 x 28 mm
1.1 x 1.1 inch

909

1. Isacord 40 2155
2. Isacord 40 2152
3. Isacord 40 3901
4. Isacord 40 0015
5. Isacord 40 6043



12836-35

45 x 46 mm
1.8 x 1.8 inch

2.190

1. Isacord 40 1900
2. Isacord 40 2011
3. Isacord 40 5833
4. Isacord 40 0010



12903-07

21 x 45 mm
0.8 x 1.8 inch

741

1. Isacord 40 4740
2. Isacord 40 5115
3. Isacord 40 3150



51204-22

23 x 27 mm
0.9 x 1.1 inch

971

1. Isacord 40 2723



51215-18

30 x 29 mm
1.2 x 1.1 inch

994

1. Isacord 40 6011
2. Isacord 40 1904
3. Isacord 40 5912
4. Isacord 40 5633



51253-07

24 x 42 mm
0.9 x 1.7 inch

1.008

1. Isacord 40 0506
2. Isacord 40 2160
3. Isacord 40 2530
4. Isacord 40 2520



51253-08

26 x 41 mm
1 x 1.6 inch

937

1. Isacord 40 0741
2. Isacord 40 0506
3. Isacord 40 0520



51253-13

34 x 33 mm
1.4 x 1.3 inch

1.471

1. Isacord 40 0670
2. Isacord 40 0506
3. Isacord 40 1030
4. Isacord 40 4174
5. Isacord 40 2520



21 Embroidery Designs

51253-20

26 x 24 mm
1 x 0.9 inch

816

1. Isacord 40 0506
2. Isacord 40 1030
3. Isacord 40 0741



82006-17

35 x 37 mm
1.4 x 1.4 inch

3.133

1. Isacord 40 0660
2. Isacord 40 0832
3. Isacord 40 1526
4. Isacord 40 4421
5. Isacord 40 4174

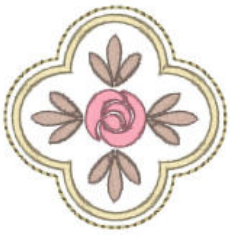


82015-23

54 x 54 mm
2.1 x 2.1 inch

2.980

1. Isacord 40 2152
2. Isacord 40 0874
3. Isacord 40 0532
4. Isacord 40 0453



Cj587

24 x 33 mm
0.9 x 1.3 inch

1.919

1. Isacord 40 2171
2. Isacord 40 1840
3. Isacord 40 5610



Nv104

34 x 31 mm
1.4 x 1.2 inch

1.854

1. Isacord 40 3600
2. Isacord 40 0015
3. Isacord 40 1902



Oc86069

18 x 21 mm
0.7 x 0.8 inch

441

1. Isacord 40 3962
2. Isacord 40 3641



Oc86074

15 x 15 mm
0.6 x 0.6 inch

359

1. Isacord 40 2155
2. Isacord 40 2764



21.9 Words and Sayings

51284-06

114 x 83 mm
4.5 x 3.3 inch

7.428

1. Isacord 40 1114
2. Isacord 40 0221
3. Isacord 40 6043
4. Isacord 40 4643
5. Isacord 40 0221



12738-01

126 x 121 mm
5 x 4.8 inch

16.138

1. Isacord 40 4152
2. Isacord 40 0643
3. Isacord 40 5610
4. Isacord 40 2500
5. Isacord 40 2944



21 Embroidery Designs

12738-03

113 x 139 mm
4.4 x 5.5 inch

25.182

1. Isacord 40 2500
2. Isacord 40 4152
3. Isacord 40 0643
4. Isacord 40 0015
5. Isacord 40 2944
6. Isacord 40 5610



12913-10L

127 x 178 mm
5 x 7 inch

3.929

1. Isacord 40 0015
2. Isacord 40 0132
3. Isacord 40 0832
4. Isacord 40 4423
5. Isacord 40 1600
6. Isacord 40 0132



51248-12S

110 x 171 mm
4.4 x 6.7 inch

9.750

1. Isacord 40 3902
2. Isacord 40 3630
3. Isacord 40 3630
4. Isacord 40 2723
5. Isacord 40 3902
6. Isacord 40 2715
7. Isacord 40 0922
8. Isacord 40 3645



51278-05

100 x 131 mm
3.9 x 5.1 inch

10.789

1. Isacord 40 1260
2. Isacord 40 0731

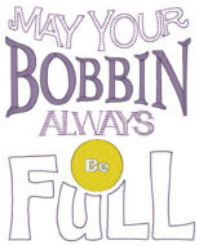


12449-02

112 x 139 mm
4.4 x 5.5 inch

8.357

1. Isacord 40 2920
2. Isacord 40 0504
3. Isacord 40 0015
4. Isacord 40 2830



51300-01

127 x 155 mm
5 x 6.1 inch

12.912

1. Isacord 40 4740
2. Isacord 40 1362
3. Isacord 40 0520
4. Isacord 40 1860
5. Isacord 40 2550
6. Isacord 40 2508
7. Isacord 40 4531
8. Isacord 40 1220
9. Isacord 40 0704
10. Isacord 40 1753
11. Isacord 40 4220



12473-06

133 x 120 mm
5.3 x 4.7 inch

11.358

1. Isacord 40 4610
2. Isacord 40 5633



51300-02

135 x 155 mm
5.3 x 6.1 inch

13.846

1. Isacord 40 4740
2. Isacord 40 1220
3. Isacord 40 4220
4. Isacord 40 0520
5. Isacord 40 1753
6. Isacord 40 0704
7. Isacord 40 0015
8. Isacord 40 2550
9. Isacord 40 2508
10. Isacord 40 4531



51300-04

106 x 173 mm
4.2 x 6.8 inch

12.911

1. Isacord 40 4740
2. Isacord 40 2550
3. Isacord 40 1362
4. Isacord 40 1220
5. Isacord 40 2508
6. Isacord 40 4220
7. Isacord 40 4531



51300-10

110 x 147 mm
4.3 x 5.8 inch

8.359

1. Isacord 40 1362
2. Isacord 40 1220
3. Isacord 40 2550
4. Isacord 40 2508
5. Isacord 40 4740
6. Isacord 40 4220
7. Isacord 40 0520
8. Isacord 40 0704
9. Isacord 40 4531



21 Embroidery Designs

51300-11

131 x 136 mm
5.1 x 5.4 inch

16.730

1. Isacord 40 4220
2. Isacord 40 2550
3. Isacord 40 0520
4. Isacord 40 2508
5. Isacord 40 1362
6. Isacord 40 4740
7. Isacord 40 4531
8. Isacord 40 1860
9. Isacord 40 1753



19999-002

125 x 136 mm
4.9 x 5.4 inch

10.184

1. Isacord 40 0015
2. Isacord 40 0015
3. Isacord 40 0015



Nb934_48

132 x 165 mm
5.2 x 6.5 inch

9.168

1. Isacord 40 2241
2. Isacord 40 1154
3. Isacord 40 1346
4. Isacord 40 1161
5. Isacord 40 2222
6. Isacord 40 5833
7. Isacord 40 1154
8. Isacord 40 2241



Nb935_48

104 x 169 mm
4.1 x 6.6 inch

10.171

1. Isacord 40 2222
2. Isacord 40 1346
3. Isacord 40 0232
4. Isacord 40 1154
5. Isacord 40 5833
6. Isacord 40 2241



12490-03

118 x 113 mm
4.6 x 4.5 inch

6.669

1. Isacord 40 0108
2. Isacord 40 3641
3. Isacord 40 3652



12490-04

146 x 122 mm
5.8 x 4.8 inch

8.724

1. Isacord 40 0108
2. Isacord 40 3641
3. Isacord 40 3652



12490-05

126 x 104 mm
4.9 x 4.1 inch

6.148

1. Isacord 40 0108
2. Isacord 40 3641
3. Isacord 40 3652



51209-02

171 x 196 mm
6.7 x 7.7 inch

43.385

1. Isacord 40 0020
2. Isacord 40 4410
3. Isacord 40 4643
4. Isacord 40 4610
5. Isacord 40 3030
6. Isacord 40 3150
7. Isacord 40 2920
8. Isacord 40 0020
9. Isacord 40 0010
10. Isacord 40 0608
11. Isacord 40 0904
12. Isacord 40 1321
13. Isacord 40 1912
14. Isacord 40 1902
15. Isacord 40 1725
16. Isacord 40 0020
17. Isacord 40 0010



51209-04

146 x 216 mm
5.7 x 8.5 inch

56.779

1. Isacord 40 0020
2. Isacord 40 4643
3. Isacord 40 4410
4. Isacord 40 4610
5. Isacord 40 4643
6. Isacord 40 0182
7. Isacord 40 0020
8. Isacord 40 0608
9. Isacord 40 0904
10. Isacord 40 1321
11. Isacord 40 1912
12. Isacord 40 1902
13. Isacord 40 1725
14. Isacord 40 0020
15. Isacord 40 0010



21.10 Hobbies

12796-03L

194 x 278 mm
7.6 x 10.9 inch
31.215

1. Isacord 40 1904



12800-05S

123 x 150 mm
4.8 x 5.9 inch
11.476

1. Isacord 40 0015



51217-05L

159 x 210 mm
6.3 x 8.3 inch
28.887

1. Isacord 40 3040
2. Isacord 40 0842
3. Isacord 40 0660
4. Isacord 40 0853
5. Isacord 40 0138
6. Isacord 40 3971
7. Isacord 40 2250
8. Isacord 40 0020



12932-07

127 x 178 mm
5 x 7 inch
13.885

1. Isacord 40 1010
2. Isacord 40 1010
3. Isacord 40 0101
4. Isacord 40 1921
5. Isacord 40 1921
6. Isacord 40 0101



12611-08

80 x 120 mm
3.1 x 4.7 inch
5.770

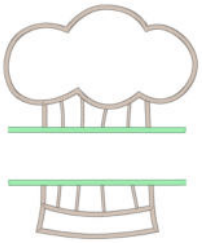
1. Applique 1
2. Applique 2
3. Applique 1
4. Applique 2
5. Isacord 40 1154
6. Isacord 40 5440
7. Isacord 40 1902



12611-18

130 x 158 mm
5.1 x 6.2 inch
8.045

1. Applique 1
2. Applique 2
3. Isacord 40 0151
4. Isacord 40 5440



82014-28

142 x 117 mm
5.6 x 4.6 inch
26.582

1. Applique 1
2. Applique 2
3. Isacord 40 0105
4. Isacord 40 0020
5. Isacord 40 4073
6. Isacord 40 1902



Be790606

100 x 86 mm
3.9 x 3.4 inch
7.445

1. Isacord 40 0020
2. Isacord 40 1306



Be790603

80 x 75 mm
3.2 x 2.9 inch
11.824

1. Isacord 40 0015
2. Isacord 40 3654



12472-01

138 x 142 mm
5.4 x 5.6 inch
23.233

1. Isacord 40 2504
2. Isacord 40 3901
3. Isacord 40 5610
4. Isacord 40 4240
5. Isacord 40 0015
6. Isacord 40 0015
7. Isacord 40 1123
8. Isacord 40 0761
9. Isacord 40 1902
10. Isacord 40 2504
11. Isacord 40 3901
12. Isacord 40 5610
13. Isacord 40 4240
14. Isacord 40 1300



21 Embroidery Designs

Be790608

80 x 80 mm
3.2 x 3.1 inch

7.937

1. Isacord 40 0020



Nx737

72 x 99 mm
2.8 x 3.9 inch

10.793

1. Isacord 40 0015
2. Yenmet 7005
3. Isacord 40 3962
4. Isacord 40 0020



Nx741

80 x 78 mm
3.1 x 3.1 inch

11.206

1. Isacord 40 0131
2. Isacord 40 0111
3. Isacord 40 0970
4. Isacord 40 0015
5. Isacord 40 3971
6. Yenmet 7009
7. Yenmet 7003
8. Isacord 40 4230
9. Isacord 40 4174



12383-18

91 x 171 mm
3.6 x 6.7 inch

5.182

1. Isacord 40 4174



Be790602

80 x 75 mm
3.1 x 3 inch

10.169

1. Isacord 40 5643
2. Isacord 40 5912
3. Isacord 40 0015



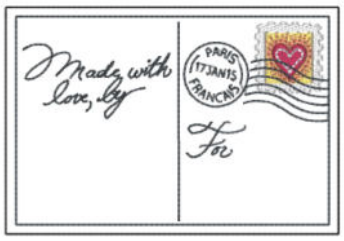
21.11 Frames

12383-09

113 x 77 mm
4.4 x 3 inch

4.757

1. Isacord 40 0020
2. Isacord 40 4174
3. Isacord 40 0608
4. Isacord 40 2101
5. Isacord 40 1600
6. Isacord 40 0015
7. Isacord 40 4174

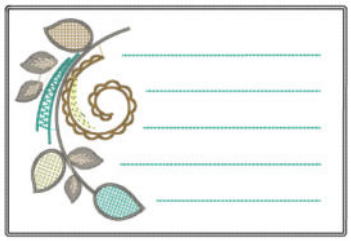


12621-19

155 x 104 mm
6.1 x 4.1 inch

8.360

1. Isacord 40 0015
2. Isacord 40 0015
3. Isacord 40 0721
4. Isacord 40 4620
5. Isacord 40 0352
6. Isacord 40 0152
7. Isacord 40 0672
8. Isacord 40 4620
9. Isacord 40 0015

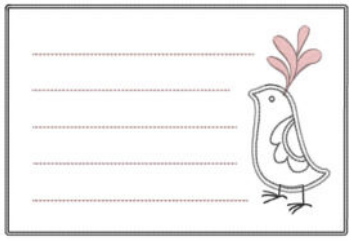


12621-04

155 x 104 mm
6.1 x 4.1 inch

3.803

1. Isacord 40 0015
2. Isacord 40 0015
3. Isacord 40 0020
4. Isacord 40 2051
5. Isacord 40 0015
6. Isacord 40 4174
7. Isacord 40 2051
8. Isacord 40 0015



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



21 Embroidery Designs

12621-09

155 x 104 mm
6.1 x 4.1 inch

5.520

1. Isacord 40 0015
2. Isacord 40 0015
3. Isacord 40 0504
4. Isacord 40 0542
5. Isacord 40 0542
6. Isacord 40 0015

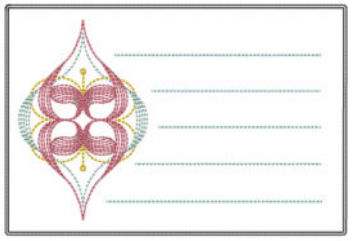


12621-02

155 x 104 mm
6.1 x 4.1 inch

5.558

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0811
4. Isacord 40 4952
5. Isacord 40 1921
6. Isacord 40 4952
7. Isacord 40 0020

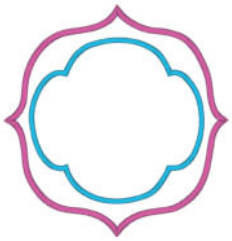


80090-26

124 x 129 mm
4.9 x 5.1 inch

6.087

1. Applique 1
2. Applique 2
3. Applique 1
4. Applique 2
5. Isacord 40 4103
6. Isacord 40 2508

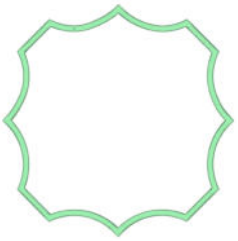


12611-27

137 x 137 mm
5.4 x 5.4 inch

3.961

1. Applique 1
2. Applique 2
3. Isacord 40 5440

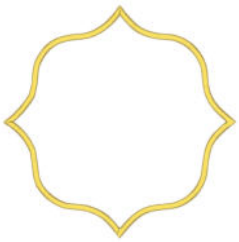


12611-28

140 x 140 mm
5.5 x 5.5 inch

3.649

1. Applique 1
2. Applique 2
3. Isacord 40 0703



12649-05

91 x 88 mm
3.6 x 3.5 inch

9.087

1. Applique 1
2. Applique 2
3. Isacord 40 1840
4. Isacord 40 1860
5. Isacord 40 0015



12606-26

139 x 139 mm
5.5 x 5.5 inch

5.211

1. Isacord 40 0670
2. Isacord 40 0670
3. Isacord 40 0670



12606-33

43 x 70 mm
1.7 x 2.8 inch

2.376

1. Isacord 40 0670
2. Isacord 40 0670
3. Isacord 40 0670



12606-37

46 x 78 mm
1.8 x 3.1 inch

2.692

1. Isacord 40 0670
2. Isacord 40 0670
3. Isacord 40 0670



12611-21

72 x 156 mm
2.8 x 6.1 inch

11.513

1. Applique 1
2. Applique 2
3. Isacord 40 1703



21 Embroidery Designs

12611-23

72 x 156 mm
2.8 x 6.1 inch

12.817

1. Applique 1
2. Applique 2
3. Isacord 40 1902



12611-22

72 x 156 mm
2.8 x 6.1 inch

12.504

1. Applique 1
2. Applique 2
3. Isacord 40 1703



12611-24

72 x 156 mm
2.8 x 6.1 inch

12.613

1. Applique 1
2. Applique 2
3. Isacord 40 1902



Nz195

77 x 77 mm
3 x 3 inch

15.343

1. Isacord 40 0660
2. Isacord 40 0713
3. Isacord 40 2153
4. Isacord 40 1362
5. Isacord 40 0870
6. Isacord 40 2830
7. Isacord 40 1725
8. Isacord 40 4071



Nx763

87 x 72 mm
3.4 x 2.8 inch

14.953

1. Isacord 40 2155
2. Isacord 40 0520
3. Isacord 40 1921
4. Isacord 40 5912
5. Isacord 40 5510
6. Isacord 40 3040
7. Isacord 40 0310
8. Isacord 40 3910
9. Isacord 40 0442
10. Isacord 40 2830



21.12 Seasons

Hd300

91 x 99 mm
3.6 x 3.9 inch

13.754

1. Isacord 40 0015
2. Isacord 40 3901
3. Isacord 40 0015
4. Isacord 40 3650
5. Isacord 40 3901
6. Isacord 40 0250
7. Isacord 40 2830
8. Isacord 40 3743
9. Isacord 40 0800
10. Isacord 40 1902
11. Isacord 40 0853
12. Isacord 40 3600
13. Isacord 40 1430
14. Isacord 40 5531
15. Isacord 40 0811
16. Isacord 40 0660
17. Isacord 40 4174
18. Yenmet 7029



12417-10

113 x 136 mm
4.5 x 5.4 inch

8.635

1. Isacord 40 0811
2. Isacord 40 0721
3. Isacord 40 1032
4. Isacord 40 0345



21 Embroidery Designs

12629-18

67 x 91 mm
2.6 x 3.6 inch

5.944

1. Isacord 40 4220
2. Isacord 40 4220
3. Isacord 40 4220
4. Isacord 40 4220
5. Isacord 40 4220
6. Isacord 40 4421
7. Isacord 40 0015
8. Isacord 40 4240

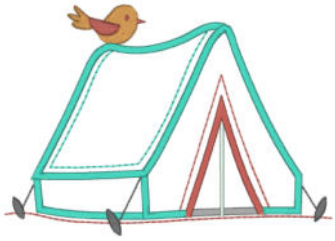


12677-03

148 x 104 mm
5.8 x 4.1 inch

7.927

1. Isacord 40 0108
2. Isacord 40 0108
3. Isacord 40 0108
4. Isacord 40 0108
5. Isacord 40 0108
6. Isacord 40 0108
7. Isacord 40 0108
8. Isacord 40 0108
9. Isacord 40 0108
10. Isacord 40 5050
11. Isacord 40 1010
12. Isacord 40 1332
13. Isacord 40 4610
14. Isacord 40 0132

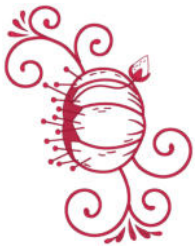


12796-04L

204 x 259 mm
8 x 10.2 inch

18.337

1. Isacord 40 1904



12836-12

112 x 165 mm
4.4 x 6.5 inch

18.687

1. Isacord 40 1161
2. Isacord 40 5833
3. Isacord 40 5643
4. Isacord 40 2011
5. Isacord 40 2152
6. Isacord 40 1900
7. Isacord 40 5643
8. Isacord 40 5833
9. Isacord 40 0453
10. Isacord 40 5832
11. Isacord 40 0010
12. Isacord 40 3963
13. Isacord 40 2011



12836-17

107 x 134 mm
4.2 x 5.3 inch

17.387

1. Isacord 40 1761
2. Isacord 40 2051
3. Isacord 40 0020
4. Isacord 40 1900
5. Isacord 40 2011
6. Isacord 40 0010
7. Isacord 40 0142
8. Isacord 40 2011



12861-09L

178 x 253 mm
7 x 10 inch

32.697

1. Isacord 40 0640
2. Isacord 40 1030
3. Isacord 40 2640
4. Isacord 40 1840
5. Isacord 40 0506
6. Isacord 40 1102
7. Isacord 40 2721



12895-02L

127 x 178 mm
5 x 7 inch

7.610

1. Isacord 40 0010
2. Isacord 40 3730
3. Isacord 40 5440
4. Isacord 40 5210
5. Isacord 40 5740
6. Isacord 40 4174



51211-15

135 x 153 mm
5.3 x 6 inch

31.240

1. Isacord 40 2123
2. Isacord 40 2123
3. Isacord 40 2123
4. Isacord 40 2123
5. Isacord 40 2123
6. Isacord 40 2123
7. Isacord 40 2123
8. Isacord 40 2123
9. Isacord 40 2123
10. Isacord 40 5832
11. Isacord 40 0352
12. Isacord 40 4074
13. Isacord 40 4174
14. Isacord 40 0020
15. Isacord 40 0700
16. Isacord 40 1760
17. Isacord 40 3815
18. Isacord 40 6141
19. Isacord 40 5833
20. Isacord 40 4122
21. Isacord 40 0015
22. Isacord 40 3732
23. Isacord 40 4101
24. Isacord 40 1904
25. Isacord 40 5832
26. Isacord 40 0640
27. Isacord 40 2115
28. Isacord 40 0184
29. Isacord 40 5944
30. Isacord 40 1760
31. Isacord 40 0874
32. Isacord 40 0142



21 Embroidery Designs

51216-11

114 x 170 mm
4.5 x 6.7 inch

19.771

1. Isacord 40 3971
2. Isacord 40 5050
3. Isacord 40 1532
4. Isacord 40 0020
5. Isacord 40 2155
6. Isacord 40 2300
7. Isacord 40 5115
8. Isacord 40 2711
9. Isacord 40 1753
10. Isacord 40 2300
11. Isacord 40 0015
12. Isacord 40 1840



51252-02

97 x 125 mm
3.8 x 4.9 inch

24.063

1. Isacord 40 2152
2. Isacord 40 0015
3. Isacord 40 4430
4. Isacord 40 2152
5. Isacord 40 0015
6. Isacord 40 0702
7. Isacord 40 0020



51270-04

125 x 207 mm
4.9 x 8.1 inch

16.828

1. Isacord 40 4740
2. Isacord 40 2155
3. Isacord 40 5115
4. Isacord 40 4740
5. Isacord 40 0904
6. Isacord 40 1730
7. Isacord 40 0506
8. Isacord 40 0520
9. Isacord 40 0138



51287-06

76 x 103 mm
3 x 4.1 inch

4.474

1. Isacord 40 3644
2. Isacord 40 3910
3. Isacord 40 3114
4. Isacord 40 2732
5. Isacord 40 0345
6. Isacord 40 0501



82031-24

123 x 119 mm
4.8 x 4.7 inch

23.676

1. Isacord 40 5050
2. Isacord 40 0015
3. Isacord 40 0622
4. Isacord 40 1321
5. Isacord 40 1114
6. Isacord 40 2171
7. Isacord 40 3444
8. Isacord 40 1753
9. Isacord 40 2171



Cm547_48

97 x 122 mm
3.8 x 4.8 inch

18.516

1. Isacord 40 0182
2. Isacord 40 0015
3. Isacord 40 5531
4. Isacord 40 0142
5. Isacord 40 6031
6. Isacord 40 0108
7. Isacord 40 5101
8. Isacord 40 6011
9. Isacord 40 4122
10. Isacord 40 4103
11. Isacord 40 0111
12. Yenmet 7030
13. Isacord 40 3902
14. Isacord 40 0020



Hg298_48

65 x 112 mm
2.6 x 4.4 inch

1.878

1. Isacord 40 2101

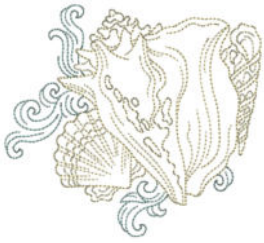


Nb768_48

125 x 113 mm
4.9 x 4.4 inch

7.109

1. Isacord 40 0651
2. Yenmet 7037



82023-14

119 x 123 mm
4.7 x 4.8 inch

14.989

1. Isacord 40 1753
2. Isacord 40 1753
3. Isacord 40 1753
4. Isacord 40 0010
5. Isacord 40 5100
6. Isacord 40 5210
7. Isacord 40 5220
8. Isacord 40 2101
9. Isacord 40 1753



82023-15

124 x 152 mm
4.9 x 6 inch

9.577

1. Isacord 40 5210
2. Isacord 40 5220
3. Isacord 40 5100
4. Isacord 40 1805
5. Isacord 40 2101
6. Isacord 40 1753



21 Embroidery Designs

82023-13

106 x 156 mm
4.2 x 6.1 inch

11.315

1. Isacord 40 5220
2. Isacord 40 1753
3. Isacord 40 1805
4. Isacord 40 2101
5. Isacord 40 5210
6. Isacord 40 5100



Hg795_48

89 x 164 mm
3.5 x 6.5 inch

3.453

1. Isacord 40 5730
2. Isacord 40 5513
3. Isacord 40 4430
4. Isacord 40 1032
5. Isacord 40 1900
6. Isacord 40 4113



12597-16

88 x 85 mm
3.5 x 3.3 inch

15.862

1. Isacord 40 0904
2. Isacord 40 0940



12858-04

159 x 164 mm
6.3 x 6.4 inch

16.385

1. Isacord 40 0015
2. Isacord 40 0015



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



He255

133 x 127 mm
5.2 x 5 inch

17.198

1. Isacord 40 0111
2. Isacord 40 1701
3. Isacord 40 1800
4. Isacord 40 1701
5. Isacord 40 1800
6. Isacord 40 2640
7. Isacord 40 5650
8. Isacord 40 5610
9. Isacord 40 0015
10. Isacord 40 0111
11. Isacord 40 1060
12. Isacord 40 3910
13. Isacord 40 0800
14. Isacord 40 0940
15. Isacord 40 0651
16. Isacord 40 0832
17. Isacord 40 0651
18. Isacord 40 0832
19. Isacord 40 3650
20. Isacord 40 1351
21. Isacord 40 0108



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



Hg746_48

112 x 138 mm
4.4 x 5.4 inch

17.815

1. Isacord 40 3040
2. Applique 1
3. Applique 2
4. Isacord 40 0221
5. Applique 1
6. Applique 2
7. Isacord 40 0142
8. Isacord 40 0108
9. Applique 1
10. Applique 2
11. Isacord 40 0800
12. Isacord 40 0020
13. Isacord 40 1200
14. Isacord 40 0020
15. Isacord 40 0670
16. Isacord 40 0142



21 Embroidery Designs

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



Hg747_48

124 x 147 mm
4.9 x 5.8 inch

18.378

1. Isacord 40 0970
2. Isacord 40 3770
3. Isacord 40 5912
4. Isacord 40 0520
5. Isacord 40 0811
6. Isacord 40 3350
7. Isacord 40 3040
8. Applique 1
9. Applique 2
10. Applique 1
11. Applique 2
12. Applique 1
13. Applique 2
14. Isacord 40 4073
15. Isacord 40 0020
16. Isacord 40 1200
17. Isacord 40 0101



Hg806_48

28 x 170 mm
1.1 x 6.7 inch

4.988

1. Isacord 40 2530
2. Isacord 40 1900
3. Isacord 40 5730
4. Isacord 40 1114
5. Isacord 40 4430
6. Isacord 40 4113



12415-32

80 x 191 mm
3.1 x 7.5 inch

10.937

1. YLI variations 8019



12415-29

108 x 172 mm
4.3 x 6.8 inch

4.814

1. YLI variations 8019



12655-14

164 x 110 mm
6.4 x 4.4 inch

16.122

1. Isacord 40 1115
2. Isacord 40 1055



12861-02L

190 x 219 mm
7.5 x 8.6 inch

24.122

1. Isacord 40 2640
2. Isacord 40 2721
3. Isacord 40 3815
4. Isacord 40 3962
5. Isacord 40 2721



51248-02L

197 x 206 mm
7.7 x 8.1 inch

17.453

1. Isacord 40 3902
2. Isacord 40 3630
3. Isacord 40 2723
4. Isacord 40 3902
5. Isacord 40 3630
6. Isacord 40 2715



21.13 Charming monograms

12587-01 59 x 90 mm 2.3 x 3.5 inch 6.471

1. Isacord 40 0101



12587-02 52 x 90 mm 2.1 x 3.5 inch 6.938

1. Isacord 40 0101



12587-03 45 x 90 mm 1.8 x 3.5 inch 4.591

1. Isacord 40 0101



12587-04 57 x 90 mm 2.2 x 3.6 inch 6.580

1. Isacord 40 0101



12587-05 50 x 90 mm 2 x 3.6 inch 5.643

1. Isacord 40 0101



12587-06 57 x 90 mm 2.2 x 3.5 inch 5.439

1. Isacord 40 0101



12587-07 39 x 90 mm 1.5 x 3.6 inch 5.200

1. Isacord 40 0101



12587-08 62 x 90 mm 2.4 x 3.6 inch 7.850

1. Isacord 40 0101



12587-09 49 x 89 mm 1.9 x 3.5 inch 4.990

1. Isacord 40 0101



12587-10 57 x 89 mm 2.2 x 3.5 inch 6.021

1. Isacord 40 0101



21 Embroidery Designs

12587-11 62 x 91 mm 2.4 x 3.6 inch 7.067

1. Isacord 40 0101



12587-12 63 x 90 mm 2.5 x 3.5 inch 5.116

1. Isacord 40 0101



12587-13 64 x 92 mm 2.5 x 3.6 inch 7.776

1. Isacord 40 0101



12587-14 63 x 90 mm 2.5 x 3.6 inch 7.400

1. Isacord 40 0101



12587-15 44 x 90 mm 1.7 x 3.5 inch 5.783

1. Isacord 40 0101



12587-16 63 x 89 mm 2.5 x 3.5 inch 7.336

1. Isacord 40 0101



12587-17 54 x 89 mm 2.1 x 3.5 inch 6.583

1. Isacord 40 0101



12587-18 64 x 90 mm 2.5 x 3.6 inch 7.491

1. Isacord 40 0101



12587-19 56 x 90 mm 2.2 x 3.6 inch 5.705

1. Isacord 40 0101



12587-20 57 x 90 mm 2.2 x 3.5 inch 5.318

1. Isacord 40 0101



21 Embroidery Designs

12587-21 62 x 91 mm 2.4 x 3.6 inch 6.137

1. Isacord 40 0101



12587-22 64 x 91 mm 2.5 x 3.6 inch 5.277

1. Isacord 40 0101



12587-23 64 x 90 mm 2.5 x 3.6 inch 7.519

1. Isacord 40 0101



12587-24 62 x 91 mm 2.4 x 3.6 inch 5.684

1. Isacord 40 0101



12587-25 52 x 91 mm 2 x 3.6 inch 5.979

1. Isacord 40 0101



12587-26 68 x 89 mm 2.7 x 3.5 inch 5.047

1. Isacord 40 0101



12587-53 67 x 23 mm 2.6 x 0.9 inch 994

1. Isacord 40 0101



12587-54 50 x 107 mm 2 x 4.2 inch 3.910

1. Isacord 40 0101



12587-55 70 x 144 mm 2.8 x 5.7 inch 7.108

1. Isacord 40 0101



12587-56 49 x 100 mm 1.9 x 3.9 inch 3.819

1. Isacord 40 0101



21 Embroidery Designs

12587-57 57 x 20 mm 2.3 x 0.8 inch 1.459

1. Isacord 40 0101



12587-58 53 x 116 mm 2.1 x 4.6 inch 3.614

1. Isacord 40 0101



12587-59 33 x 94 mm 1.3 x 3.7 inch 2.321

1. Isacord 40 0101



12587-60 126 x 126 mm 5 x 5 inch 5.003

1. Isacord 40 0101



12587-61 36 x 29 mm 1.4 x 1.1 inch 2.091

1. Isacord 40 0101



12587-62 35 x 34 mm 1.4 x 1.3 inch 2.284

1. Isacord 40 0101



21.14 Modern Monograms

12863-01 113 x 119 mm 4.4 x 4.7 inch 10.297

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



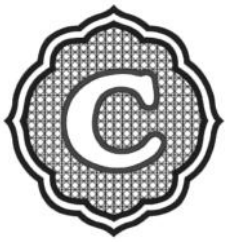
12863-02 113 x 119 mm 4.4 x 4.7 inch 10.441

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-03 113 x 119 mm 4.4 x 4.7 inch 10.224

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-04 113 x 119 mm 4.4 x 4.7 inch 10.360

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



21 Embroidery Designs

12863-05 | **113 x 119 mm 4.4 x 4.7 inch** | 10.658

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-06 | **113 x 119 mm 4.4 x 4.7 inch** | 10.414

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-07 | **113 x 119 mm 4.4 x 4.7 inch** | 10.430

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



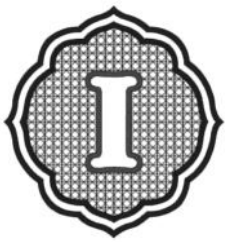
12863-08 | **113 x 119 mm 4.4 x 4.7 inch** | 10.741

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



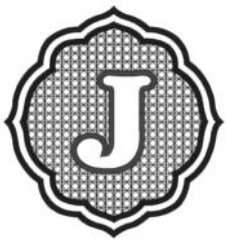
12863-09 | **113 x 119 mm 4.4 x 4.7 inch** | 9.720

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



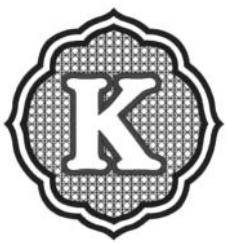
12863-10 | **113 x 119 mm 4.4 x 4.7 inch** | 9.836

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-11 | **113 x 119 mm 4.4 x 4.7 inch** | 10.644

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-12 | **113 x 119 mm 4.4 x 4.7 inch** | 10.019

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-13 | **113 x 119 mm 4.4 x 4.7 inch** | 10.896

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-14 | **113 x 119 mm 4.4 x 4.7 inch** | 10.622

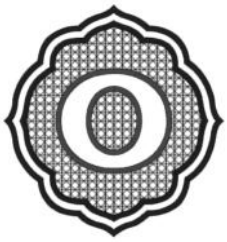
1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



21 Embroidery Designs

12863-15 113 x 119 mm 4.4 x 4.7 inch 10.168

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-16 113 x 119 mm 4.4 x 4.7 inch 10.539

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-17 113 x 119 mm 4.4 x 4.7 inch 10.476

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-18 113 x 119 mm 4.4 x 4.7 inch 10.769

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



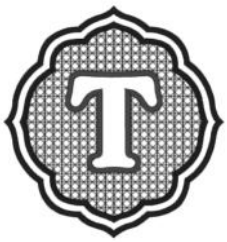
12863-19 113 x 119 mm 4.4 x 4.7 inch 10.410

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-20 113 x 119 mm 4.4 x 4.7 inch 10.167

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-21 113 x 119 mm 4.4 x 4.7 inch 10.410

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-22 113 x 119 mm 4.4 x 4.7 inch 10.169

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



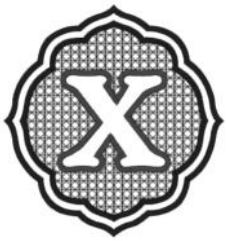
12863-23 113 x 119 mm 4.4 x 4.7 inch 10.738

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-24 113 x 119 mm 4.4 x 4.7 inch 10.728

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



21 Embroidery Designs

12863-25 113 x 119 mm 4.4 x 4.7 inch 10.206

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-26 113 x 119 mm 4.4 x 4.7 inch 10.367

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-27 113 x 119 mm 4.4 x 4.7 inch 11.934

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



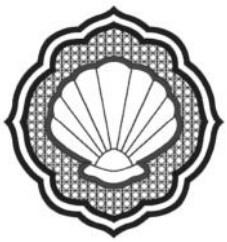
12863-28 113 x 119 mm 4.4 x 4.7 inch 9.231

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-29 113 x 119 mm 4.4 x 4.7 inch 9.850

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



12863-30 113 x 119 mm 4.4 x 4.7 inch 10.148

1. Isacord 40 0020
2. Isacord 40 0020
3. Isacord 40 0020



21.15 Monograms

12877-01 39 x 57 mm 1.6 x 2.2 inch 1.523

1. Isacord 40 0020



12877-02 30 x 61 mm 1.2 x 2.4 inch 1.448

1. Isacord 40 0020



12877-03 24 x 57 mm 0.9 x 2.3 inch 743

1. Isacord 40 0020



12877-04 32 x 59 mm 1.2 x 2.3 inch 1.321

1. Isacord 40 0020



21 Embroidery Designs

12877-05 20 x 63 mm 0.8 x 2.5 inch 779

1. Isacord 40 0020



12877-06 17 x 64 mm 0.7 x 2.5 inch 777

1. Isacord 40 0020



12877-07 24 x 58 mm 0.9 x 2.3 inch 800

1. Isacord 40 0020



12877-08 16 x 62 mm 0.6 x 2.5 inch 1.046

1. Isacord 40 0020



12877-09 12 x 56 mm 0.5 x 2.2 inch 598

1. Isacord 40 0020



12877-10 21 x 60 mm 0.8 x 2.4 inch 664

1. Isacord 40 0020



12877-11 32 x 62 mm 1.2 x 2.4 inch 1.081

1. Isacord 40 0020



12877-12 20 x 64 mm 0.8 x 2.5 inch 630

1. Isacord 40 0020



12877-13 43 x 62 mm 1.7 x 2.4 inch 1.672

1. Isacord 40 0020



12877-14 34 x 62 mm 1.4 x 2.4 inch 1.296

1. Isacord 40 0020



21 Embroidery Designs

12877-15 27 x 56 mm 1.1 x 2.2 inch 1.164

1. Isacord 40 0020



12877-16 30 x 57 mm 1.2 x 2.3 inch 1.116

1. Isacord 40 0020



12877-17 27 x 62 mm 1.1 x 2.4 inch 1.455

1. Isacord 40 0020



12877-18 33 x 62 mm 1.3 x 2.4 inch 1.367

1. Isacord 40 0020



12877-19 23 x 66 mm 0.9 x 2.6 inch 1.059

1. Isacord 40 0020



12877-20 34 x 63 mm 1.3 x 2.5 inch 709

1. Isacord 40 0020



12877-21 29 x 62 mm 1.1 x 2.4 inch 1.279

1. Isacord 40 0020



12877-22 19 x 69 mm 0.8 x 2.7 inch 981

1. Isacord 40 0020



12877-23 38 x 70 mm 1.5 x 2.8 inch 1.393

1. Isacord 40 0020



12877-24 42 x 76 mm 1.7 x 3 inch 1.120

1. Isacord 40 0020



21 Embroidery Designs

12877-25 22 x 60 mm 0.9 x 2.4 inch 1.084

1. Isacord 40 0020



12877-26 27 x 60 mm 1.1 x 2.4 inch 932

1. Isacord 40 0020



12877-27 15 x 22 mm 0.6 x 0.9 inch 505

1. Isacord 40 0020



12877-28 13 x 64 mm 0.5 x 2.5 inch 883

1. Isacord 40 0020



12877-29 14 x 17 mm 0.6 x 0.7 inch 325

1. Isacord 40 0020



12877-30 23 x 78 mm 0.9 x 3.1 inch 1.221

1. Isacord 40 0020



12877-31 8 x 19 mm 0.3 x 0.7 inch 320

1. Isacord 40 0020



12877-32 18 x 74 mm 0.7 x 2.9 inch 991

1. Isacord 40 0020



12877-33 14 x 53 mm 0.5 x 2.1 inch 710

1. Isacord 40 0020



12877-34 21 x 61 mm 0.8 x 2.4 inch 799

1. Isacord 40 0020



21 Embroidery Designs

12877-36 4 x 39 mm 0.2 x 1.5 inch 306

1. Isacord 40 0020



12877-35 12 x 65 mm 0.5 x 2.6 inch 530

1. Isacord 40 0020



12877-37 11 x 65 mm 0.4 x 2.6 inch 738

1. Isacord 40 0020



12877-38 14 x 71 mm 0.6 x 2.8 inch 839

1. Isacord 40 0020



12877-39 22 x 35 mm 0.9 x 1.4 inch 655

1. Isacord 40 0020



12877-40 14 x 23 mm 0.6 x 0.9 inch 340

1. Isacord 40 0020



12877-41 14 x 19 mm 0.6 x 0.8 inch 340

1. Isacord 40 0020



12877-42 20 x 51 mm 0.8 x 2 inch 822

1. Isacord 40 0020



12877-43 13 x 56 mm 0.5 x 2.2 inch 789

1. Isacord 40 0020



12877-44 11 x 21 mm 0.4 x 0.8 inch 294

1. Isacord 40 0020



21 Embroidery Designs

12877-45 | 15 x 37 mm 0.6 x 1.5 inch | 626

1. Isacord 40 0020



12877-46 | 18 x 53 mm 0.7 x 2.1 inch | 569

1. Isacord 40 0020



12877-47 | 18 x 20 mm 0.7 x 0.8 inch | 491

1. Isacord 40 0020



12877-48 | 11 x 20 mm 0.4 x 0.8 inch | 327

1. Isacord 40 0020



12877-49 | 28 x 33 mm 1.1 x 1.3 inch | 658

1. Isacord 40 0020



12877-50 | 29 x 40 mm 1.1 x 1.6 inch | 589

1. Isacord 40 0020



12877-51 | 19 x 53 mm 0.7 x 2.1 inch | 713

1. Isacord 40 0020



12877-52 | 14 x 54 mm 0.5 x 2.1 inch | 592

1. Isacord 40 0020

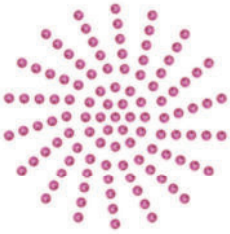


21.16 DesignWorks

You can find detailed instructions at bernina.com/specialeffects.

Dw11 | 70 x 71 mm 2.8 x 2.8 inch | 110

1. Swarovski 0502



Be790901 | 182 x 252 mm 7.1 x 9.9 inch | 38.392

1. Edding 34
2. Edding 9
3. Edding 33
4. Edding 68
5. Edding 1



21 Embroidery Designs

Be790903

181 x 293 mm
7.1 x 11.5 inch

11.366

1. Edding 19



Be790905

104 x 227 mm
4.1 x 8.9 inch

21.349

1. Edding 34
2. Edding 12
3. Edding 16
4. Edding 10
5. Edding 1



Be790906

192 x 196 mm
7.6 x 7.7 inch

21.054

1. Edding 8
2. Edding 3
3. Edding 5
4. Edding 34
5. Edding 69
6. Edding 10
7. Edding 5
8. Edding 9
9. Edding 11
10. Edding 65
11. Edding 12



Be790909

167 x 322 mm
6.6 x 12.7 inch

20.162

1. Edding 7



Dw07

114 x 152 mm
4.5 x 6 inch

198

1. Swarovski 0237

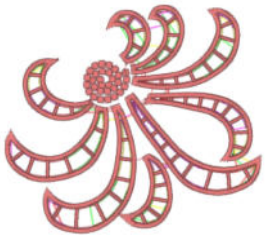


Dw05

105 x 94 mm
4.1 x 3.7 inch

13.334

1. Isacord 40 2022
2. Cut 0001
3. Cut 0002
4. Cut 0003
5. Cut 0004
6. Isacord 40 2022

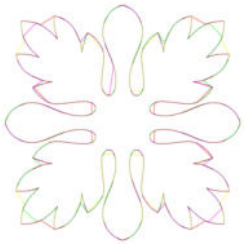


Dw10

119 x 119 mm
4.7 x 4.7 inch

5.939

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



Dw08

206 x 100 mm
8.1 x 3.9 inch

424

1. Swarovski 0501

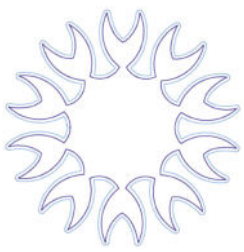


Be700121

196 x 197 mm
7.7 x 7.8 inch

2.183

1. Isacord 40 3600
2. Isacord 40 1703



Be700122

119 x 37 mm
4.7 x 1.5 inch

4.124

1. Isacord 40 5833



21 Embroidery Designs

Be700123

113 x 206 mm
4.4 x 8.1 inch

6.090

1. Punch 0004
2. Punch 0007

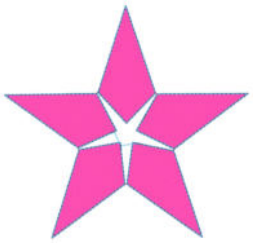


Be700124

141 x 134 mm
5.6 x 5.3 inch

6.184

1. Isacord 40 2300
2. Isacord 40 3901



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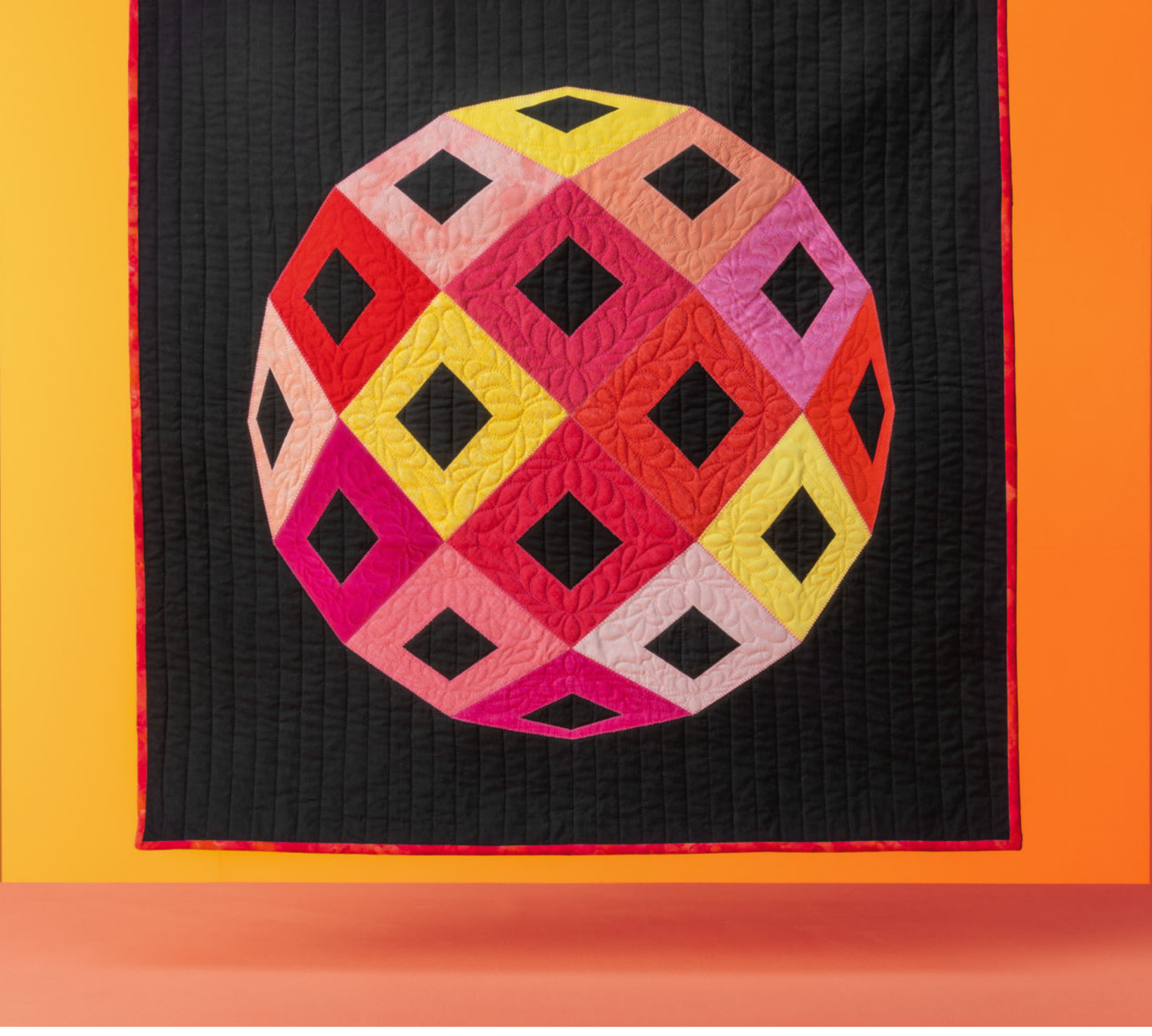
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