

MY BERNINA



SEWING MACHINES

BERNINA SEWING MACHINE WORKBOOK

For BERNINA 880 PLUS, 790 PLUS, 770 QE, 740
BERNINA 590, 570 QE, 535



made to create **BERNINA**

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B 880 PLUS



B 790 PLUS



B 770 QE



B 740



B 590



B 570 QE



B 535



The information in this workbook applies to the BERNINA Sewing Machines models shown above.

Note: Some exercises apply only to certain models equipped with the feature being highlighted.

INTRODUCTION

Welcome! Learning to use your new machine to its fullest capabilities will let you enjoy your machine for many years. Understanding your machine's features and learning its navigation will maximize your creativity. While you will be learning some basics, you'll also be learning some creative techniques, and we hope both will be inspirational.

Along with your machine's manual, this workbook is designed to take you on a step by step journey into your machine's capabilities. Once completed, the workbook can serve as a technique reference guide.

Stitched samples can be attached to the pages or inserted into sheet protectors, if desired. You will find additional resource materials in the back of this workbook

If you wish, you can stitch many of the sample techniques on one or two squares of prepared fabric and stabilizer (10" x 10" heavy muslin with a 10" x 10" piece of heavyweight tear away or cut away stabilizer behind it.) You will note the techniques that are suggested to be stitched on this fabric by the red classroom sampler logo. If there is no logo, then use the fabric suggested.

While this may be the beginning of your educational journey, there are other opportunities to grow creatively. BERNINA of America strives to provide quality sewing and embroidery machines while offering the best educational experience possible. Along with providing My BERNINA Classes, your local BERNINA dealer stocks BERNINA reference books, such as the Big Book of Feet.

Instructional video tutorials are available on bernina.com and the BERNINA YouTube channel. You will also find inspiring sewing projects and eBooks on the BERNINA website at bernina.com in the Experience Section.

www.bernina.com

www.weallsew.com



PREPARING TO STITCH

CLEANING AND OILING

Keeping your machine clean and well oiled will keep your machine running smoothly is a crucial component for successful machine stitching. Refer to Page 55 for cleaning tips. Your machine manual will also give you detailed cleaning and oiling suggestions.

STITCH PLATE

Attach the appropriate stitch plate.

- 5.5 mm Embroidery Stitch Plate: Standard accessory for B 535
- 9 mm Stitch Plate: B 880 PLUS, 790 PLUS, 770 QE, 740, 590, 570 QE

PRESSER FOOT

- Attach Presser Foot 1C to machine. (Refer to Page 54 Reference-Presser Foot for more information about BERNINA Presser Feet.

RAISE FEED DOGS

When moving between embroidery and sewing, an animation will appear to remind you to do raise or lower the feed dogs on all machines with the exception of the B 880 PLUS. The feed dogs automatically raise or lower on the B 880 PLUS, but need to be manually raised on all other machines.

INSERT AND THREAD NEEDLE (Refer to Page 53 Reference-Threads for additional information.)

- Use the proper needle for the thread and fabric being used. It is advisable to insert a new needle for each project, or after every 4 to 6 hours of sewing time.
- Always thread with the presser foot up. This opens the tension discs and allows the thread to seat properly.

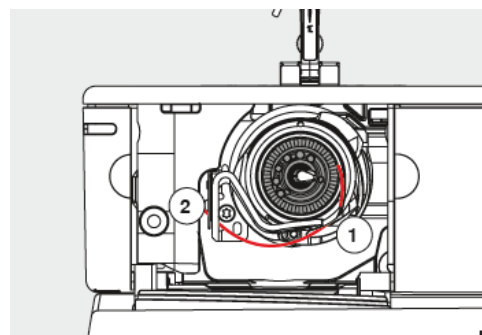
THREADING TIPS FOR MODELS WITH BOTH HORIZONTAL AND VERTICAL SPOOL PINS:

- Use the horizontal spool pin with cross-wound threads; match spool cap size to end of spool.
- The smallest spool cap fits into the end of large cones/spools such as Isacord embroidery thread.
- Use the vertical spool pin with stacked threads and for some decorative threads (metallic threads); use the foam disc under the spool to avoid extra tension on the thread.

THREAD THE BOBBIN FOR SEWING

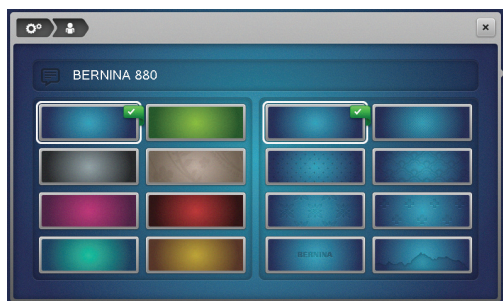
- Generally, you will wind the bobbin with the same thread/thread weight that you will use in the needle.
- Insert the bobbin:
 - 7 and 5 Series: Insert the bobbin into bobbin case and bobbin case onto the machine. The bobbin is threaded the same way for both embroidery and sewing.
 - B 880 PLUS: With the bobbin markings facing the front, place the bobbin into the hook and push until it clicks in place. Pull the thread to the right into the slit (1); then under the spring. Pull the thread over the thread cutter and cut (2).

Note: When going back and forth between sewing and embroidery on the B 880 PLUS, an animation will appear as a reminder to re-thread the bobbin case for sewing. This does not indicate an error in threading.



PERSONALIZE THE SCREEN

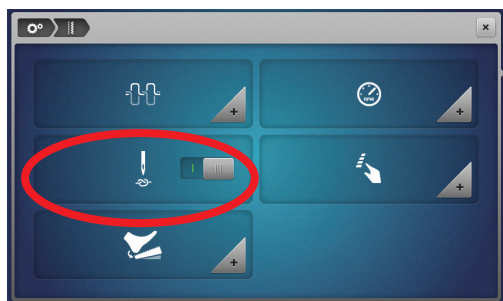
You can personalize the display and wallpaper color to suit your individual tastes. Change the color as well as the texture in the Setup Program. A welcome text can also be programmed.



1. Touch the Setup icon.
2. Select Personal Settings and a display appears.
3. Select the color and texture.
4. Close the screen (or use the setup breadcrumb to navigate back to Setup).

ACTIVATE/DEACTIVATE BEGINNING TIE OFF

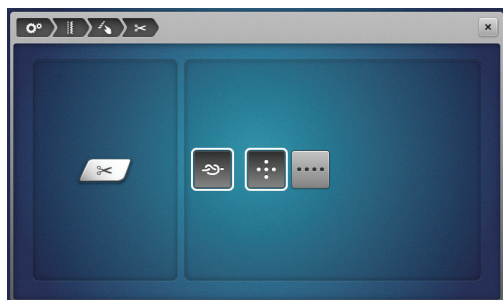
Activate or deactivate the securing stitches at the beginning of every stitch/stitch type. If activated, the securing stitches are sewn when either the thread cutter or the threader have been used.



1. Select Setup.
2. Select Sewing Settings.
3. The slider next to the Securing Stitches at Pattern Begin will activate or deactivate the tie off at the beginning of the stitch. (This is a switch for on/off.)
4. Toggle the switch to off.
5. Close the screen (or use the setup breadcrumb to navigate back to Setup).

PROGRAM THREAD CUTTER AND SECURING STITCHES

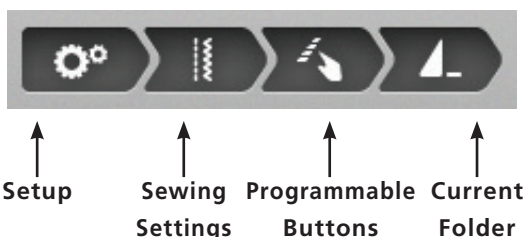
The number and type of the securing stitches the machine makes after the thread cutter has been engaged can be programmed in a number of ways.



1. Select Setup.
2. Select Sewing Settings.
3. Select Programmable Buttons.
4. Select the Automatic Thread Cutter and Securing Stitches (scissors) icon.
5. Reprogram as desired per project.
6. Leave this screen open and proceed to the next page.

BREADCRUMBS

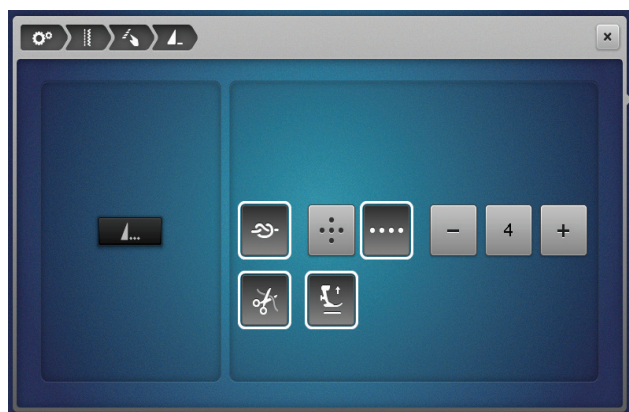
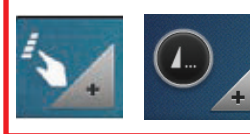
Learn to navigate within menus using the breadcrumb icons rather than using the Close box to exit. This is a time-saving feature when setting preferences within several menus in Setup, embroidery motif selection, and the "i" menu in sewing and embroidery.



1. Note the breadcrumb trail at the top of the screen.
2. Touching any of the icons in the breadcrumb will take you back to that particular menu. This is a time saver when changing multiple settings within a menu.

PROGRAM PATTERN END

The number and type of securing stitches when using the external Pattern End/Securing Button can be programmed. This button can also be programmed so the machine will cut the thread and/or lift the presser foot when the Pattern End Button is engaged.



1. Using the breadcrumb, select Programmable Buttons.
2. Select the Securing Program icon.
3. Pattern End can be re-programmed to do the following functions after Pattern End is engaged:
 - Standard (4 securing stitches sewn in place).
 - Small stitches sewn in a forward direction (can be programmed to take between three and six stitches).
 - Upper and lower thread automatically cut.
 - Presser foot automatically raised.
4. To use pattern end as only Pattern End, deactivate the knot and cutter.

Sew HOW

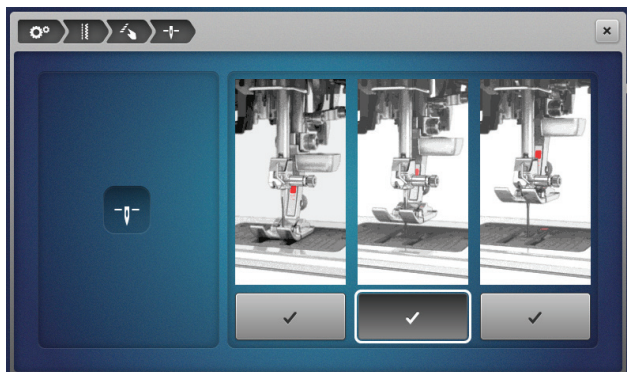
Do you know how to:

- Use the breadcrumbs to navigate?
- Program Pattern end?

PROGRAM NEEDLE STOP DOWN AND HOVER

B 880 PLUS, 790 PLUS, 770 QE, 740, 590, 570 QE Only

Take advantage of Hover when stitching with Needle Stop Down engaged. When the stitching stops with Needle Stop Down engaged, the machine can be programmed to stop with the presser foot down or to hover.

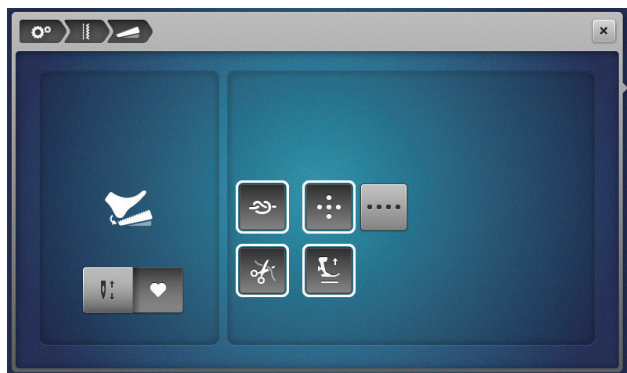
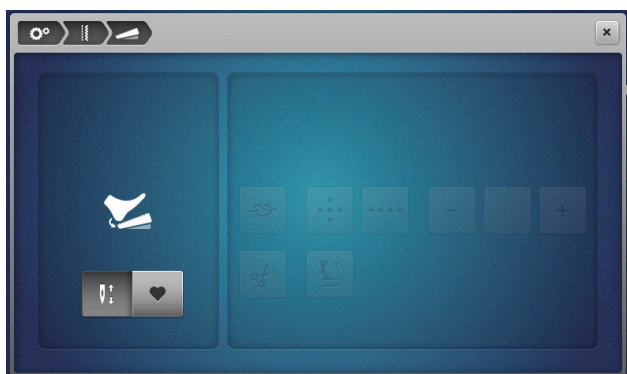
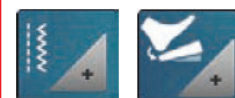


1. Using the breadcrumbs, select Programmable Buttons.
2. Select the Needle Stop Down icon.
3. Select the middle option from the three choices:
 - Presser foot remains down when the machine stops.
 - Presser foot hovers enough to pivot the fabric.
 - Presser foot is raised into its highest position.

PROGRAM THE FOOT CONTROL

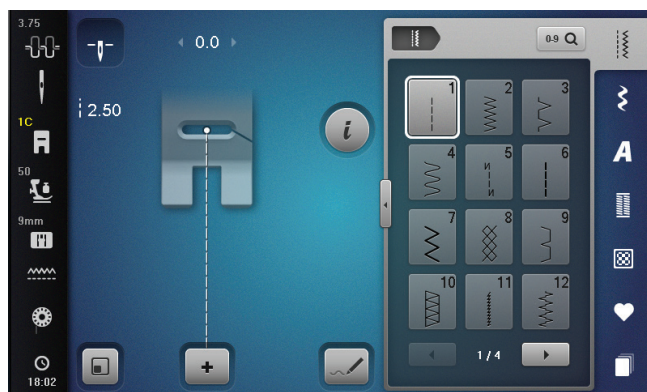
B 880 PLUS, 790 PLUS, 770 QE, 740, 590, 570 QE Only

The Foot Control can be programmed with desired settings. The Foot Control default setting is to raise or lower the needle when the heel of the foot control is depressed. The Programmable Foot Control back kick options also allow the heel-down to signal a tie-off and/or cut the thread instead.



1. Using the breadcrumbs, navigate back to the Setup menu; select Sewing Settings.
2. Select the Foot Control icon.
3. If the Needle icon is selected, the back kick will move the needle to the next position.
4. Select the Heart icon. The back kick can be programmed in a number of ways:
 - When the Securing icon is selected, the number and type of securing stitches can be programmed for 4 securing stitches in place, or for two to six securing stitches.
 - When the Automatic Thread Cutter icon is selected, the upper and lower threads are cut automatically by the back kick.
 - When the Presser Foot Lift icon is selected, the presser foot is raised by the back kick.
5. For the class exercises, program the Foot Control to raise or lower the needle.
6. Exit the Setup menu.

STITCH SELECTION



Selecting a Stitch

1. Select stitches by touch selection, or by using the Search by Number function. Use your finger or the stylus that came with the machine to access buttons on the screen. (See note below for 5 Series stylus information.)
2. Stitches are grouped into categories with some categories having multiple folders for selection.
3. Many categories have more than one screen.
 - Use the arrows at the bottom of the screen to move forward and back in the stitch category.
 - 5 Series machines: slide to scroll vertically through stitch selection menus.



Transitions

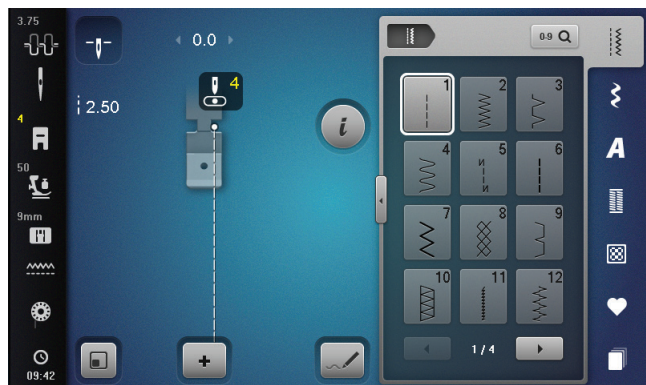
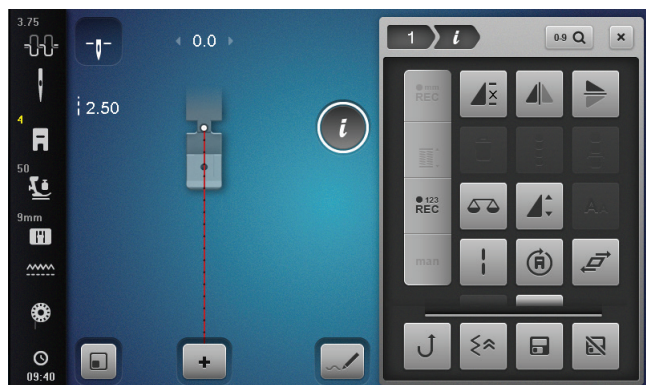
1. View more stitches on screen by using the Transition. Select to view all folders or to see more stitches at one time.
2. Select Folder 101. Touch the Transition arrow to view the stitches in the category.
3. Some categories will have more than one screen. Use the arrows at the bottom of the screen or scroll to move forward or backward.
4. Touch the Transition icon to close the screen.

Note: The new 5 Series machines have a capacitive touch screen. These touch screens respond to a special capacitive stylus or your fingertip. Standard styluses, such as those supplied with the 7 or 8 Series machines will not work on this type of screen.

PRESSER FOOT RECOGNITION

B 880 PLUS, 790 PLUS, 590, 570 QE

Presser Foot Selection applies limitations and security with the use of certain feet in embroidery and sewing. For example, programming the machine that the zipper foot is attached prevents the needle from striking the foot. However, it is not *required* to set the Presser Foot Selection to be able to sew.



1. Select the Straight Stitch.
2. Select the Presser Foot Selection icon from the Status Bar.
3. Select Zipper Foot #4 by finding the foot on the screen. You can also use the Search icon and type 4 using the keypad. Notice that the programmed foot is reflected on the status bar in yellow.
4. Close the Presser Foot Selection menu.
5. The Straight Stitch is displayed in red indicating that the straight stitch would strike the foot. If you have this feature set and attempt to stitch, you will get a message indicating that the needle will strike the foot.
6. Use the Needle Position Button to adjust the needle to the left or the right. When the stitch becomes white, it is safe to sew.
7. To clear Presser Foot Selection, touch the Presser Foot Selection on the Status Bar and either select the programmed foot or press CLR on the System Settings Bar. Close the Presser Foot Selection screen.
8. To return the needle to the center position, touch CLR again.



For more information on BERNINA Presser Feet, refer to Reference-BERNINA Presser Feet on Page 50.

Notes:

- The Gold Star tabs indicate a recommended accessory for the stitch that is currently selected.
- The Presser Foot Selection feature on the B 770 QE and the B 740 gives suggested feet for certain stitches, but this is for informational purposes only. It does not limit the stitch properties.

SECURITY PROGRAM-NEEDLE

Setting the Needle Security Program can be very helpful in sewing. It can prevent needle breakage and damage to your machine or presser foot. The function remains active even when the machine is turned off and on.



For more information on needles, refer to Reference-Sewing Machine Needles on Pages 51 and 52.

1. Touch the Needle Selection icon. A display will appear.
2. Select the Standard Needle.

Needle Minder: Store the needle size and type of the needle selected.

Specialty Needles: When selecting a specialty needle (such as a double needle) the stitch width is limited automatically. This prevents the inserted specialty needle from hitting the presser foot or the stitch plate. This setting will remain active even after the machine is turned off.

Do you know:

- On some models, Creative Consultant recommends the needle according to the fabric and technique.

Sew HOW



SECURITY PROGRAM-STITCH PLATE SELECTION

Setting the Stitch Plate Security Program can be very helpful in sewing. If an inappropriate needle or stitch is selected, the machine will limit the width of any stitch to prevent needle breakage. The function remains active even when the machine is turned off and on.



1. Touch the Stitch Plate Selection icon.
2. Select the 9 mm Stitch Plate (5.5 mm for the B 535) so that decorative stitches can be stitched at their maximum width.

0 mm or 0mm/Cut Plate: This plate is used for embroidery. Make sure that the machine stitch plate has been changed before programming another plate. Many quilters prefer to use this stitch plate when piecing.

Punch Plate: This plate is used when doing Punchwork on either the sewing or embroidery side of the 9 mm machines.

THE 'i' MENU

All creative functions that can be applied to a stitch are accessed through the Information menu, "i".



Reverse

Backstepping

Save
Stitch
Setting
Permanently

Reset
Stitch to
Factory
Setting

1. Select Stitch #401.
2. Touch the "i" to access the Information screen.
 - Only icons relevant to the selected stitch are visible.
 - A different set of icons is available for decorative stitches, tapering, BSR (BERNINA Stitch Regulator), and buttonhole.
 - When partial icons are shown in the "i" menu, use your fingertip or stylus to vertically scroll and access the remaining icons.
 - Permanent icons are separated by a line, they do not move during scrolling and are always visible.
 - The permanent icons are continuous reverse, backstepping, save stitch setting permanently, and reset stitch to factory setting.
 - When making multiple alterations within the "i" menu, use breadcrumb navigation to stay within the "i" menu until all the changes have been set before closing.
 - Use the "i" breadcrumb to go back one level.
3. Touch the stitch number breadcrumb. It will take you back to the stitch selection menu.

NEEDLE STOP UP/DOWN-FREE HAND SYSTEM

 Firm woven fabric, 4" x 6", two pieces*

 80/12 Universal

 Polyester or cotton embroidery thread

 Center

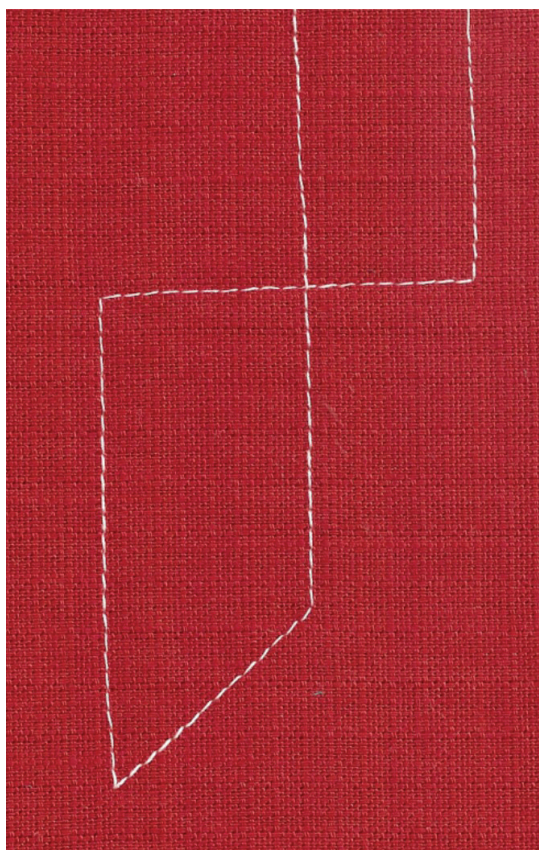
 Reverse Pattern Foot #1/1C/1D

*or use
Classroom
Sampler Fabric



1. Select the Straight Stitch #1.
2. Touch the Needle Up/Down Button on the machine. Each push of the button will raise or lower the needle.
3. To program the needle to stop in the down position, select the Needle Stop Up/Down icon on the screen.
 - This setting remains until changed, even if the machine is turned off.
4. Sew a line of stitching and stop in the middle of the fabric. Hover is turned on by default and the foot will raise 2.0 mm when the machine stops.

NOTE: *Hover can be programmed from 0 mm (not raised at all) to 7 mm in height.*
5. Pivot to form at least 2 right angle corners and 2 additional corners.
 - When pivoting, use the FHS (Free Hand System), to raise the presser foot.



How do I lower the presser foot for sewing?






- With the exception of the B 535, there is no presser foot lift in the back of the machine--use the button on the front of the machine to raise/lower the presser foot.
- Press the Foot Control to lower the foot and begin sewing.
- Press/tap the Start/Stop button to Hover and re-position your work.

Sew HOW

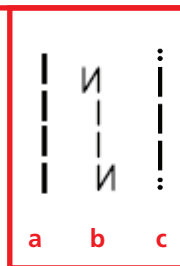
Do you know how to:

- Use the Free Hand System?
- Use the back kick on the foot control to move the needle up or down?

SECURING STITCHES

-  Firm fabric, 4" x 6", three pieces; fold in half lengthwise to 2" x 6"*
-  80/12 Universal
-  Polyester or cotton embroidery thread
-  Center
-  Reverse Pattern Foot #1/1C/1D
Optional: Quilting Seam Guide or Seam Guide with Ruler

*or use
Classroom
Sampler Fabric



Straight Stitch/Reverse (a)

1. Place one fabric piece under the presser foot, aligning the 6" cut edge with the 5/8" guide line on the stitch plate.
2. Select the straight stitch. Sew a few stitches forward, then press and hold the Quick Reverse Button on the machine as you sew a few stitches backward; the machine will sew in reverse until the Quick Reverse Button is released.
3. Continue stitching the seam; secure the end in the same way.

Securing Program (b)

1. Select the Securing Program #5 (b). Begin to sew on 2nd piece of fabric; machine will automatically take five straight stitches forward and back at the beginning to secure the stitching.
2. At the end of the seam, press and release the Quick Reverse button. The machine will automatically take five stitches backward, five stitches forward to secure the stitching, and then stop.

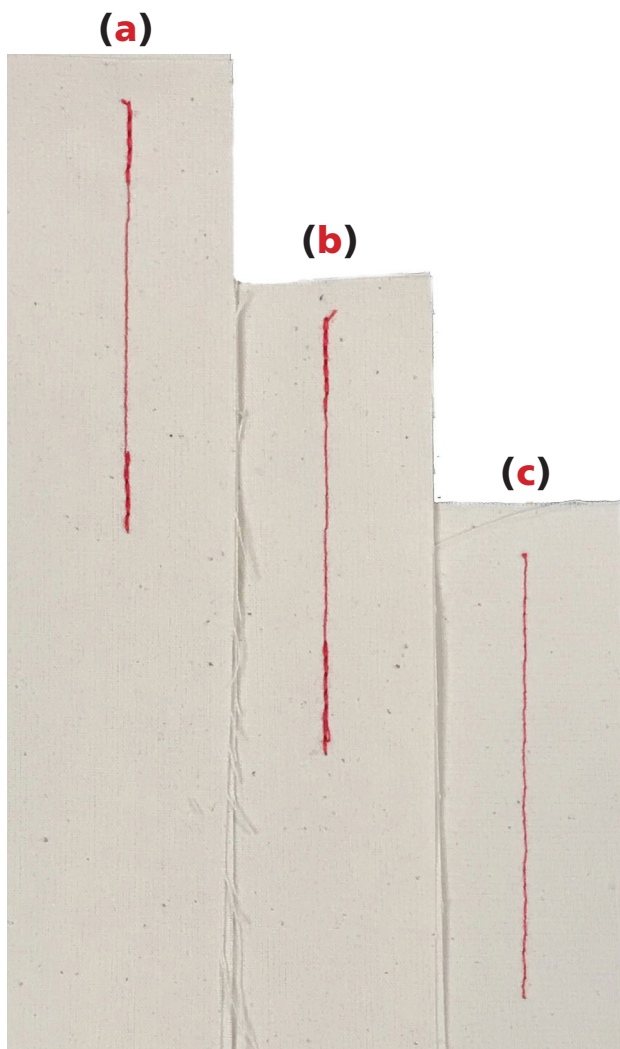
Quilter's Securing Program (c)

1. Select the Quilter's Securing Program (#1324 for 7/8 Series/#1301 for 5 Series (c). Begin to sew on 3rd piece of fabric; the machine will take 6 short stitches forward at the beginning to secure stitching, then continue stitching forward.
2. At the end of the seam, press and release the Quick Reverse button. The machine will take 6 short stitches forward to secure and then stop.







Sew HOW

Do you know how to:

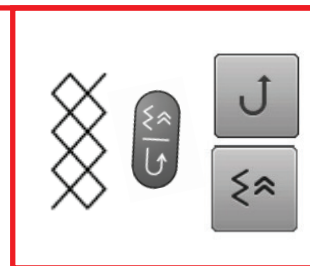
- Activate the Securing Function at the beginning and end of a stitching pattern?



PERMANENT REVERSE/BACKSTEPPING

-  Firm woven fabric, 4" x 6"*
-  Lightweight tear-away stabilizer 4" x 6"*
-  80/12 Universal
-  Polyester or cotton embroidery thread
-  Default
-  Reverse Pattern Foot #1/1C/1D or Clear Foot #34/34C/34D

*or use
Classroom
Sampler Fabric



Note: The Quick Reverse button on the machine can be programmed in the setup menu to operate as quick reverse or backstepping.



Permanent (Continuous) Reverse sews the selected stitch pattern in reverse.

Backstepping is more precise, as it will retrace the last 200 needle penetrations to give accurate stitch-by-stitch reverse sewing.

This feature is great when you have a thread break or unknowingly run out of bobbin thread. You can re-thread and backstep to the exact location of the last sewn stitch.







1. Place the stabilizer behind the fabric.
2. Select the Honeycomb Stitch #8. Engage the Needle Stop Down function.
3. Stitch about two inches on the fabric and stop with the needle down; do not move the fabric.
4. Select the "i" menu. Select Permanent/Continuous Reverse or Backstepping:
 - Permanent Reverse can be accessed with the button on the machine, or select "i"; Permanent Reverse Sewing.
 - Backstepping can be accessed by selecting "i"; Backstepping.
5. Continue stitching; the machine will now stitch backward, forming the stitches precisely on top of the previous ones. While the machine is stitching, engage the Pattern End function; the machine will stop at the end of the pattern.
6. Clip threads. Select the Backstepping icon again to disengage the function.

Sew HOW

Do you know how to:

- Sew backward on your model?

MIRROR IMAGE/PATTERN REPEAT

-  Firm woven fabric, 4" x 6"*
-  Lightweight tear-away stabilizer 4" x 6"*
-  80/12 Universal
-  Polyester or cotton embroidery thread
-  Default
-  Open Embroidery Foot #20/20C/20D

*or use
Classroom
Sampler Fabric



1. Attach Open Embroidery Foot #20/20C/20D.
2. Place stabilizer behind fabric.

Left/Right Mirror Image:

1. Select the Blanket Stitch #1329 for 7/8 Series/#1309 for 5 Series from the Quilting Stitch menu.
2. Sew one row down length of fabric.
3. Engage Left/Right Mirror Image and sew a second row next to the first, using the side of the presser foot for spacing.

Pattern Repeat:

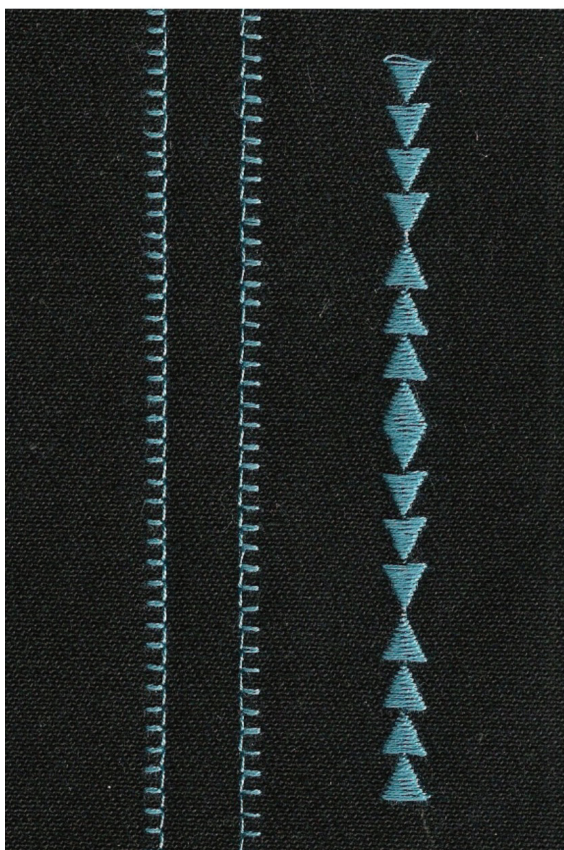
1. Select the satin stitch arrowheads stitch #401.
2. Select the "i". Change Pattern Repeat to 4x.

Up/Down Mirror Image:

1. Stitch one stitch pattern for a total of 4 arrowheads. The machine will stop when the stitch pattern is complete.

Tip: To make sure you have a complete pattern, depress the foot control and do not lift your foot until the machine stops.

2. Engage Up/Down Mirror Image. The entire stitch pattern of four arrowheads will be mirror imaged.
3. Stitch one stitch pattern for a total of four arrowheads.
4. If desired, repeat the previous two steps to stitch four complete sets of arrowheads.









Sew HOW

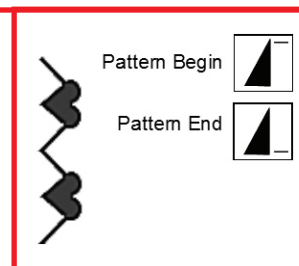
Do you know how to:

- Tell the difference between Left/Right and Up/Down Mirror Image functions?
- Engage Pattern Repeat?

PATTERN FUNCTIONS - PATTERN BEGIN/END

-  Firm woven fabric, 4" x 6"*
-  Lightweight tear-away stabilizer 4" x 6"*
-  80/12 Universal
-  Polyester or cotton embroidery thread
-  Default
-  Open Embroidery Foot #20/20C/20D

*or use
Classroom
Sampler Fabric



Note: Refer to Page 54 Reference-Decorative Stitching for more tips on appropriate tools for decorative stitching.

1. Attach Open Embroidery Foot #20/20C/20D. Select the appropriate foot in Presser Foot Selection/Display.
2. Place the stabilizer behind the fabric.
3. Select the satin stitch hearts stitch #413.
4. Sew 2½ patterns, stopping in the middle of the third pattern.
5. Lift the presser foot and move the needle down about an inch; then begin sewing again. The pattern will start forming where you left off.
6. After completing the interrupted heart, start the final heart and press Pattern End. The machine will stop stitching when the pattern is complete.

Tip: To make sure you have a complete pattern, depress the foot control and do not lift your foot until the machine stops.

7. Move to a new position and sew 2½ patterns, stopping in the middle of the third pattern. Lift the presser foot and move the needle down about an inch.
8. Before starting to sew again, press Pattern Begin.

Note: On most models, the Pattern Begin icon appears on the screen in the stitch altering area only when the pattern is not at the beginning. To get to the beginning of the pattern, select the on-screen Pattern Begin icon. If it is not visible, then the needle is at the beginning of the stitch pattern. On the B 790 PLUS, touch the button to the left of the screen.

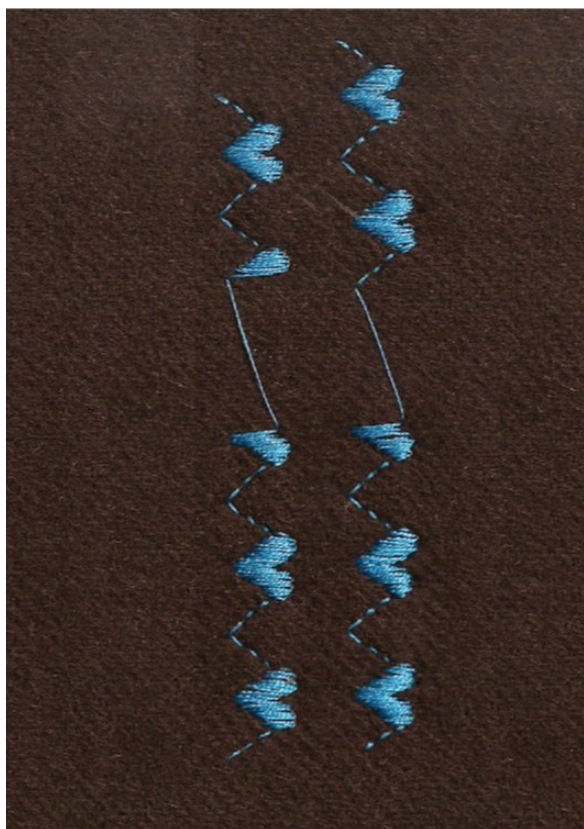


9. Start sewing; the pattern will start forming at the beginning. Again, press Pattern End when you start the final heart.







Sew HOW

Do you know how to:

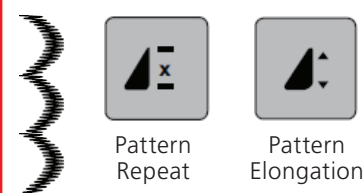
- Recognize the difference between the icons for Pattern Begin and Pattern End and know where they are located?



PATTERN FUNCTIONS-PATTERN REPEAT/ELONGATION

-  Firm woven fabric, 4" x 6"*
-  Lightweight tear away stabilizer 4" x 6"
-  80/12 Universal
-  Polyester or cotton embroidery thread
-  Default
-  Open Embroidery Foot #20/20C/20D

*or use
Classroom
Sampler Fabric



Notes:

- The Stitch Density of a stitch can also be increased or decreased by using the +/- icons under Stitch Density. It can be changed in a decorative application to change the stitch as you prefer, and is most effective with satin stitches (Folder 401). Stitch Density is not available for every stitch. (Density adjustment is not available on the B 570 QE.)
- Elongation allows you to increase or decrease the length of an entire stitch pattern to the size that you need. This feature is not available for every stitch.



Pattern Repeat 1-9x/1-99x

Program the B 880 PLUS, 7 Series, and the B 535 machines to stop at the end of 1 - 9 repeats of a single stitch or stitch combination.

Note: The B 590 and B 570 QE can be programmed to stop at the end of 1 - 99 repeats.

1. Attach Open Embroidery Foot #20/20C/20D.
2. Place the stabilizer behind the fabric.
3. Select the satin stitch scallop pattern #416; Open the "i" menu and Pattern Repeat 1x.
4. Sew until the machine stops; you will have one scallop.
5. Increase Pattern Repeat to 3x. Sew until the machine stops; you will have one stitch pattern.

Note: In this case, one stitch pattern equals the repeated group of three scallops.

Pattern Elongation (not available on the B 535)







1. Change Pattern Repeat to 1x.
2. Set Pattern Extend to 300% using the slider icon (or the +). Pattern Extend can also be increased in 100% increments by touching the +100% icon.
3. Sew until the machine stops; you will have one stitch pattern.
 - In this case, one stitch pattern equals one extended scallop.
 - As the stitch pattern is elongated (lengthened), the stitch density is maintained.
4. Select the "i" breadcrumb to close the Pattern Extend screen and return to the "i" menu.

Sew HOW

Do you know how to:

- Recognize the two different pattern functions (which icon stands for each)?

ALTERED STITCHES

-  **Firm woven fabric, 4" x 6"***
-  **Lightweight tear-away stabilizer 4" x 6"***
-  **80/12 Universal**
-  **Polyester or cotton embroidery thread**
-  **Default**
-  **Open Embroidery Foot #20/20C/20D**

*or use
Classroom
Sampler Fabric

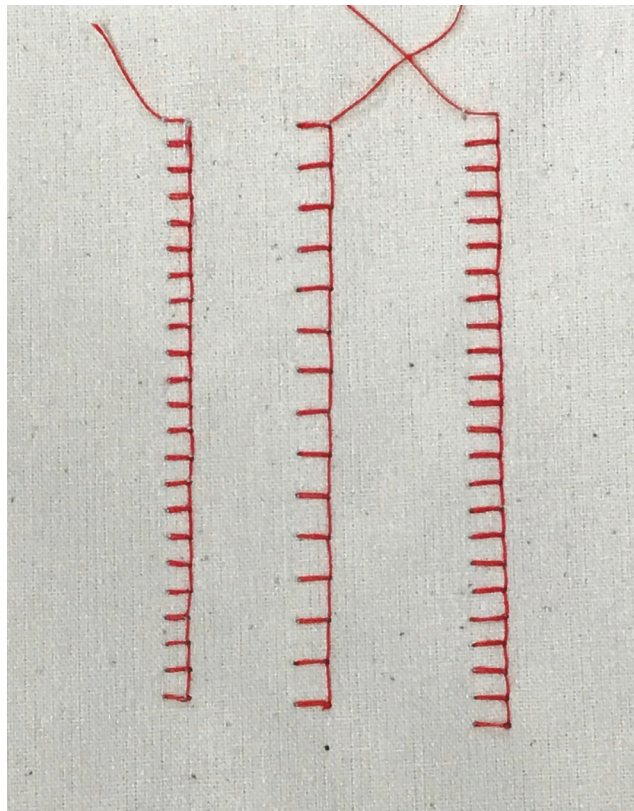


1. Attach Open Embroidery Foot #20/20C/20D.
2. Place the stabilizer behind the fabric.
3. Select Blanket Stitch #1329 for 7/8 Series/#1309 for 5 Series from the Quilting Stitches menu.
4. Sew a row of stitches.
5. Adjust stitch width to 3.5 mm and stitch length to 4.1 mm. Sew a second row of stitching next to the first.
6. Touch the stitch length numeric value on screen. Tap the yellow highlighted box to revert the stitch length to the machine default stitch length setting. Leave the stitch width at 3.5 mm.
7. Sew a third row of stitching next to the previously sewn rows.
8. Leave this stitch on the screen and go to the next page.

Programmed
settings

3.5 mm width
4.1 mm length

3.5 mm width
Default length



Sew HOW

Do you know how to:

- Find the Quilting Stitch menus on your model?
- Reset the stitch length and width to the preprogrammed settings?

TEMPORARY ALTERED MEMORY

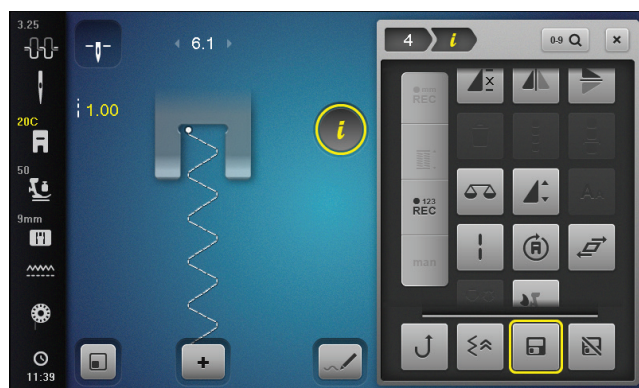
Temporary Altered Memory is an exclusive feature of BERNINA sewing machines. The machine will remember the last stitch alterations made to any stitch. These alterations will remain in effect until manually changed, until CLR is touched, or until the power to the machine is turned off.



1. Using the stitch created on the previous page, notice that the stitch width has been changed. This is indicated by the yellow number.
2. Select Stitch #1.
3. Re-select Blanket Stitch #1329 for 7/8 Series/#1309 for 5 Series from the Quilting Stitches menu. Notice that the stitch has retained the altered settings.
4. Leave the width at the altered setting.

PERMANENTLY ALTERED STITCH MEMORY

Changes can be made to any stitch and saved in the permanent memory of the machine. The machine will remember the altered stitch, even after the machine has been turned off. These alterations will remain in effect until manually changed with the Reset function.



HISTORY: B 880 PLUS, 790 PLUS

Sewn stitches along with any alterations are recorded in a History Menu. Stitches must be sewn to be recorded and are retained even after the machine is shut down. Stitches can be selected from the History Menu. History holds a maximum of 24 stitches.



Permanently Altered Stitch

1. Select the Running Stitch; alter the stitch length to 1.0. Adjust the width as desired.
2. Select the "i" menu. Select the Save Stitch Setting Permanently icon.

The settings will remain in effect even after the machine is turned off. When the machine is turned back on and the stitch is selected, you will know that it was altered because of the yellow outline around the "i" icon.

Reset a Permanently Altered Stitch to Default Settings

1. Select the Running Stitch.
2. Touch the Reset Stitch to Factory Setting icon. The stitch has now been reset to the original settings.

Sew HOW

Do you know how to:

- Make stitch alterations?
- Clear the Temporary Altered Memory?

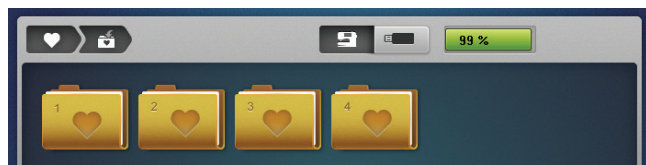
SAVING STITCHES IN PERSONAL PROGRAM

Use the Personal Program to store your favorite stitches, most often used stitches, or perhaps a group of stitches needed for a particular technique or project. There are four Personal Program folders.



Creating a Personal Program

1. Select the desired stitch. For this exercise, select the altered Blanket Stitch from previous page.
2. Close the "i" screen, if opened.
3. Touch Personal Program.
4. Select the Save Stitch icon.
5. Select one of the four Personal Program folders.
6. The selected stitch has a yellow border around it. Select the highlighted stitch to save, or select the green check box with the check to add the stitch to the Personal Program folder.
7. The display closes.



TRIPLE STRAIGHT STITCH

 Firm woven fabric, 4" x 6", two pieces

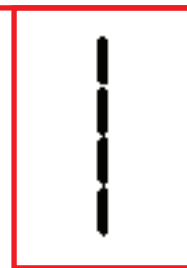
 80/12 Universal

 Polyester or cotton embroidery thread

 As directed in instructions

 Reverse Pattern Foot #1/1C/1D

 Edgestitch Foot #10/10C/10D
(optional accessory)



Notes:

The Triple Straight Stitch creates a very sturdy seam on items that will receive a lot of wear.

It also creates beautiful bold topstitching with regular weight thread that mimics the look of a heavier decorative topstitching thread.



Triple Straight Stitch Seam

1. Attach Reverse Pattern Foot #1/1C/1D to the machine.
2. Select the Triple Straight Stitch #6.
3. Place the fabric pieces right sides together.
4. Position the edge of the fabric along the 5/8" mark on the stitch plate.
5. Sew the seam and press it open.

Triple Straight Stitch Edgestitching






1. Change to Edgestitch Foot #10/10C/10D and adjust the needle position to the far right.
2. With the right side of the fabric up and with the guide of the foot in the ditch of the seam, sew the length of the seam from top to bottom.
3. Adjust the needle position to the far left.
4. Stitch a second time with guide of the foot in the ditch of the seam. Sew in the same direction as before.

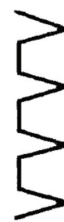
Sew HOW

Do you know how to:

- Adjust the needle position?
- Use Edgestitch Foot #10/10C/10D?
- Use the triple stitch function on the B 590 and B 570 QE?

VARI-OVERLOCK STITCH

-  Cotton interlock, 4" x 6", two pieces
-  80/12 Universal
(Ballpoint or Stretch may also be used)
-  Polyester or cotton embroidery thread
-  As programmed
-  Overlock Foot #2/2A
(optional accessory for B 770 QE, 740)



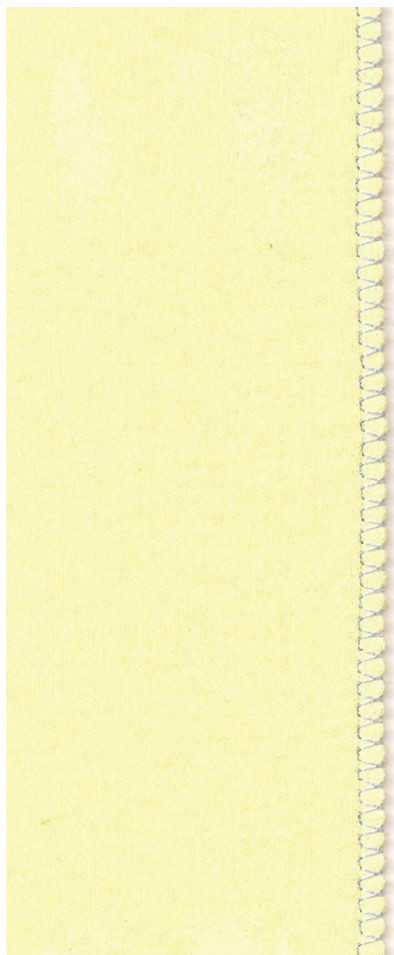
1. Attach Overlock Foot #2/2A to the machine.
2. Select the Vari-Overlock Stitch #3.
3. Engage the Needle Stop Down function if available.
4. Guide the raw edges of the fabric under the pin of the foot and stitch the two layers together. The stitch will form over the pin and the edge of the fabric.

Notes:

Using the Overlock Foot and the Vari-Overlock Stitch will keep the edge of the fabric flat, not rolled.

Other stitches that work with this presser foot are the Stretch Overlock Stitch and the Double Overlock Stitch.

If your machine has Presser Foot Recognition (see Page 10 for details), select Foot #2.



Sew HOW

Do you know how to:

- Engage the Needle Stop Down feature?
- Position Overlock Foot #2/2A?
- Select the foot in the Presser Foot Selection?

LONG STITCH

 Wool-like fabric or Heavy flannel, 6" x 7"

 80/12 Universal

 Polyester or cotton sewing thread

 Default

 Reverse Pattern Foot #1/1C/1D



Note: This fabric sample will be used with the Blind Hem Exercise on the following page.



Tips:

- Adjust the straight stitch length to 5 mm or 6 mm on the B 880 PLUS and 790 PLUS, 590, and 570 QE models; engage the Long Stitch function for the longest straight stitch, about 1 1/4" long.
- Use the Long stitch function with a triple straight stitch for a beautiful saddle stitch for topstitching.

B 880 PLUS, 790 PLUS, 770 QE, 590 Only Engaging/Disengaging Long Stitch Function

NOTE: All other models, follow the instructions below, but use a straight stitch with stitch length of 6.


1. **Optional:** Finish one 6" edge of the fabric with a zigzag stitch, the Vari-Overlock Stitch, or an overlock machine.
2. Fold a 2" hem to the wrong side of the fabric and press.
3. Select the straight stitch. Touch clr to clear any previous changes to the stitch.
 - If using Long Stitch, select the "i" menu and touch the Long Stitch icon.
 - On models without Long Stitch, increase the stitch length to 6 mm.
4. Baste the hem in place, sewing about 3/4" from the finished edge of the hem (if done in Step 1).
5. Press clr to return to a standard straight stitch.
6. Close the "i" screen.
7. Use this sample for the Blind Hem exercise on the next page.

Sew HOW

Do you know how to:

- Engage the Long Stitch function?
- Use the Long Stitch function for basting and for topstitching?


BLIND HEM

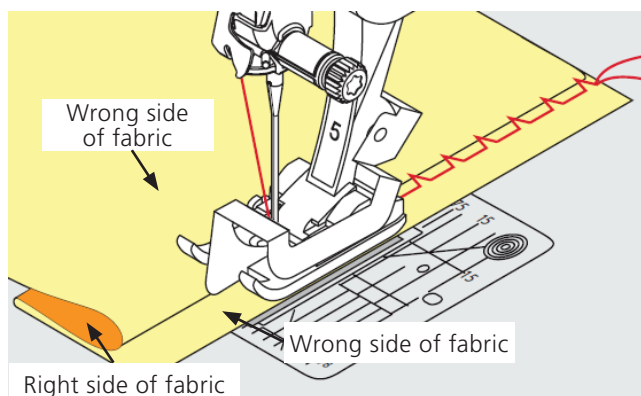
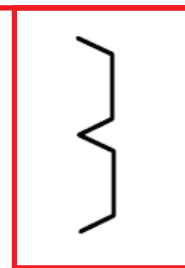
 Wool-like fabric or heavy flannel, 6" x 7"

 80/12 Universal

 Polyester or cotton sewing thread

 As programmed

 Reverse Pattern Foot #1/1C/1D for basting
 Blindstitch Foot #5
 (optional accessory for B 770 QE, 740, 570 QE, 535)



1. Begin with a basted 2" hem as instructed on previous page.
2. Select the Blind Stitch #9.
3. Attach the Blindstitch Foot #5 to the machine.
4. Fold the hem back to the right side over the basting line, exposing the zigzagged edge of the fabric.
5. Sew on the extended hem allowance, keeping the folded edge next to the guide on the foot.
6. Adjust the stitch width if needed so that the needle barely stitches into the fold.
7. Unfold the fabric when finished, and notice that the stitches barely show on the outside of the fabric.








Sew HOW

Do you know how to:

- Machine baste?
- Distinguish between Blindstitch Foot #5 and Edgestitch Foot #10/10C/10D?

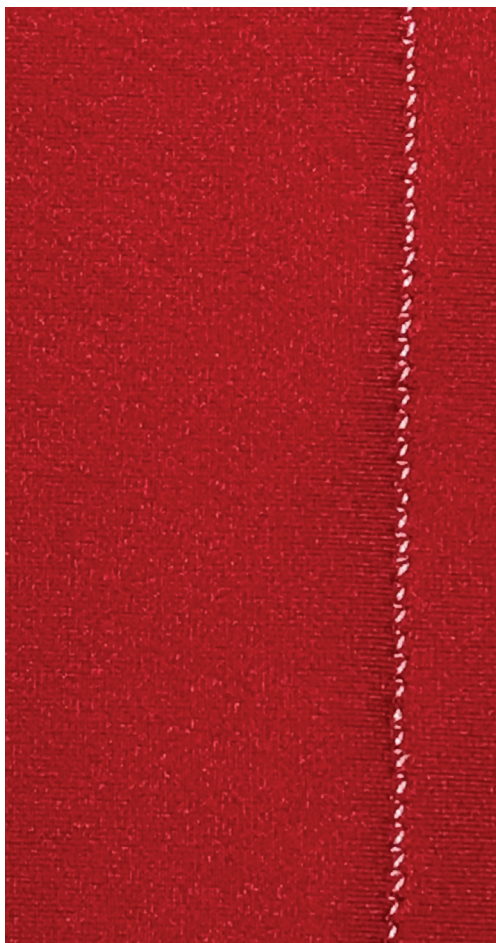
STRETCH STITCH

-  Spandex, 4" x 6", two pieces
-  80/12 Universal (Ballpoint or Stretch may also be used)
-  Polyester or cotton sewing thread
-  As programmed
-  Reverse Pattern Foot #1/1C/1D



1. Attach Reverse Pattern Foot #1/1C/1D to the machine.
2. Select the Super Stretch Stitch #11.
3. Place the fabric pieces right sides together.
4. Position the edge of the fabric on the 5/8" marking on the stitch plate.
5. Sew the seam.

Note: If the fabric is pulling and stretching as it is sewn, adjust the presser foot pressure to a lower number to lighten the pressure of the foot on the fabric and eliminate the stretching.









Sew HOW

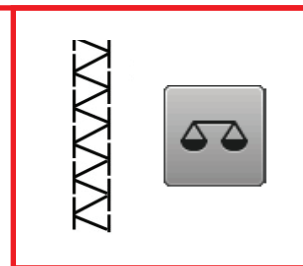
Do you know how to:

- Adjust the presser foot pressure?
- What fabric types you would use with this stitch?

BALANCE

-  Firm woven fabric, 4" x 6"*
-  Lightweight tear-away stabilizer 4" x 6"*
-  80/12 Universal
-  Polyester or cotton embroidery thread
-  Default
-  Open Embroidery Foot #20/20C/20D

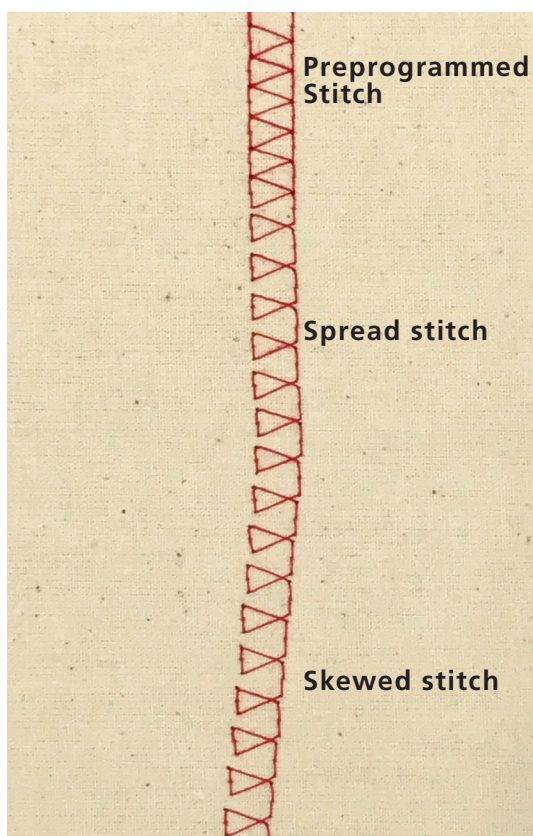
*or use
Classroom
Sampler Fabric



Notes:

The Balance function is generally reserved for fine tuning the stitch appearance, but is sometimes required because of differences in fabrics and threads.

The Balance Function is used to troubleshoot and fine tune stitches if they do not produce desired results with default settings. Oftentimes, this is caused by unusual fabrics or threads.



1. Attach Open Embroidery Foot #20/20C/20D.
2. Place the stabilizer behind the fabric.
3. Select the Double Overlock Stitch #10; sew about 1 1/2".
4. Select the 'i' icon and select Balance; the right side of screen shows stitch pattern as programmed.











5. Use the Lower Multifunction (Stitch Length) knob or the lower +/- icons to adjust the stitch to match the Spread Stitch (see sample to left); stitch for another 1 1/2".
6. Use the Upper Multifunction knob or the upper +/- icons to skew the stitch to the left/right; stitch for another 1 1/2".
7. CLR returns the stitch to normal settings.

Sew HOW

Do you know how to:

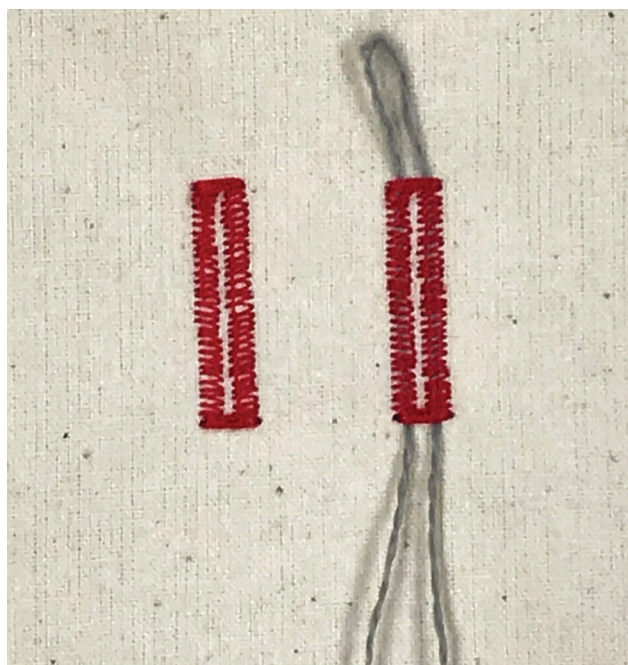
- Fine-tune the stitch balance on your model?

AUTOMATIC BUTTONHOLE PROGRAM

-  Wool-like fabric or heavy flannel, 6" x 6"
-  Lightweight tear-away stabilizer 3" x 6"
-  80/12 Universal
-  Polyester or cotton embroidery thread
-  As programmed
-  Automatic Buttonhole Foot #3A
-  3/4" (19 mm/30L) two-hole button
-  18" Narrow cord
(perle cotton, embroidery floss, etc.)

Tips:

- Because Automatic Buttonhole is a program, it needs to stitch to completion. Keep the Foot Control depressed until the machine stops stitching, or use the Start/Stop button to stitch the buttonhole.
- Buttonhole Bead Width and Stitch Density are also adjustable using the Multifunction Knobs in the sewing view.



1. Fold the fabric square in half to 3" x 6". Press.
2. Insert the stabilizer between the layers.

On-screen Buttonhole Measuring

1. Attach Automatic Buttonhole Foot #3A.
2. Select the Buttonhole menu; select Standard Buttonhole #51.
3. Select the "i" menu and select the Buttonhole Length icon.
4. Hold button to the screen inside the yellow outline. Use the Multifunction Knobs to enlarge or decrease the circle size until it encircles the button.
 - The length is calculated directly from the button diameter. 2 mm are automatically added for button ease/thickness.
5. Sew the buttonhole. The buttonhole is repeatable without re-setting.



Corded Buttonhole

1. Fold the cord in half and loop the middle around the center "toe" of the foot.
2. Stitch a second buttonhole. Carefully remove the fabric from under the foot.
3. Pull the cord ends until the loop is pulled up under the buttonhole stitches; trim the ends of cord.
 - If working on a knit fabric, knot the cord ends together before trimming.
4. Store this buttonhole in Memory. See next page for details.

Sew HOW

Do you know how to:

- Program a buttonhole on-screen?
- Adjust buttonhole bead density?

MEMORY BUTTONHOLES

Long Term Buttonhole Memory allows you to save buttonholes that you use over and over (shirts, for example). Multiple Buttonholes may be stored in the Personal Program and retrieved as needed.



To Save a Buttonhole in Memory

1. After the buttonhole you wish to save is complete, select the Personal Program Menu.
2. Press the Save icon.
3. Select one of the 4 folders.
4. Touch the buttonhole to be saved (outlined in yellow), or select the green check box.

To Retrieve a Buttonhole from Memory

1. To retrieve the saved buttonhole (if testing this in class, turn machine off and wait 60 seconds before turning machine back on).
2. Select the Personal Memory icon.
3. Select the Retrieve icon.
4. Select the folder (1-4) where you saved the buttonhole.
5. Touch the desired buttonhole icon and it will appear on the Editing screen and be ready for stitching.

Sew HOW

Do you know how to:

- Program a buttonhole into the memory of your machine?
- Retrieve a programmed buttonhole?

MANUAL BUTTONHOLES


 Wool-like fabric or heavy flannel, 6" x 6"

 Lightweight tear-away stabilizer 3" x 6"

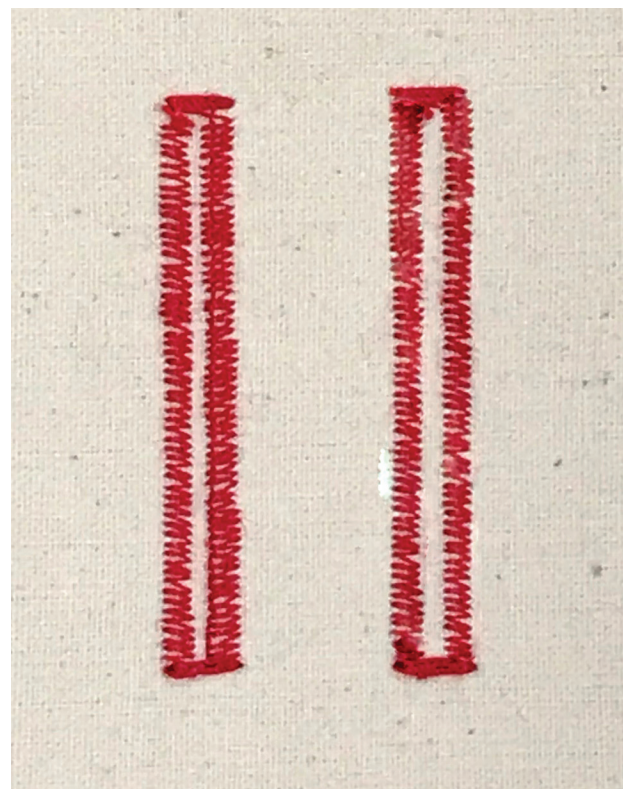
 80/12 Universal

 Polyester or cotton embroidery thread

 As programmed

 **Buttonhole Foot #3/3C**
(optional accessory B 790 PLUS, 770 QE,
740, 590, 570 QE, 535)

Note: Use the Manual Buttonhole when you wish to make a buttonhole longer than 29 mm (the maximum length of an Automatic Buttonhole).



1. Fold fabric in half to 3" x 6" and press.
2. Insert stabilizer between the layers.
3. Mark two dots 1 1/2" apart to simulate the length of buttonhole needed.
4. Attach Foot #3/3C. Select Foot #3/3C in the Presser Foot Selection screen.

Stitch Standard Buttonhole

1. Select the Buttonhole menu; select Standard Buttonhole #51. (Touch clr to clear any previous changes.)
2. Touch the "i". Select the "man" function from the function toolbar.
3. Align the first dot directly under the needle.
4. Sew the first step of the buttonhole. Stop at the second dot marked on the fabric.
5. Press the Quick Reverse button to advance to the next step.
6. Continue in the same manner with the remaining steps.

Buttonhole Slit Width Adjustment

1. Select the Buttonhole menu; select Standard Buttonhole #51.
2. Select the "i" to expand the Information Screen. Select the Buttonhole Slit Width.
3. Use the Multifunction Knobs to adjust Buttonhole Slit Width to accommodate thick or unusual buttons.
4. Sew the buttonhole.



Sew HOW

Do you know how to:

- Measure a button for buttonhole size?
- Adjust buttonhole slit width on an Automatic Buttonhole?

ATTACHING BUTTONS

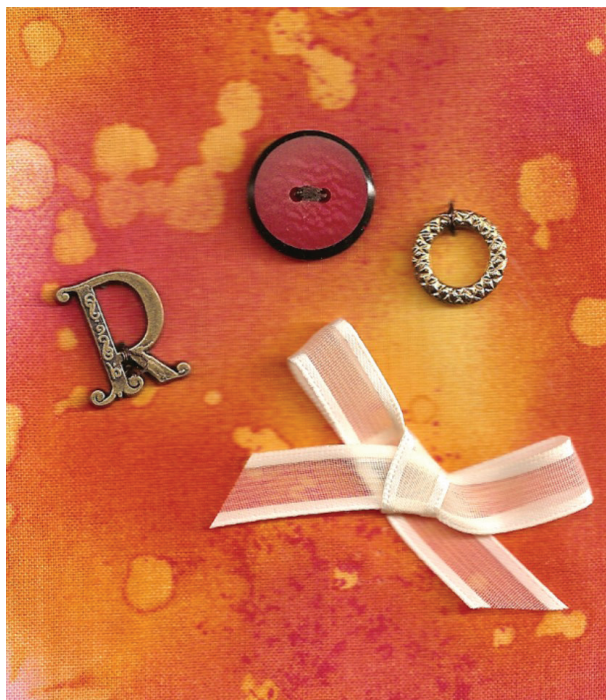
-  Firm woven fabric, 4" x 8"*
-  Lightweight tear-away stabilizer 4" x 4"*
-  80/12 Universal
-  Polyester or cotton embroidery thread
-  As Programmed
-  **Button Sew-On Foot #18**
(optional accessory B 790 PLUS, 770 QE, 740, 590, 570 QE, 535)
-  Feed dogs down
-  **3/4" (19 mm/30L) two-hole button**

*or use
Classroom
Sampler Fabric



Tips:

- Using the lowest shank setting and the instructions above attach a charm(s) or snap or hook and eye.
- Stitch a ribbon with this technique (the stitch makes a bartack) and then tie the ribbon into a bow.



1. Attach the Button Sew-On Foot #18 to the machine and lower the feed dogs.
2. Select the Button Sew-On Program #60.
3. Fold the fabric in half to 4" x 4" and press.
4. Insert the stabilizer between the layers of fabric.
5. Adjust the pin on the Button Sew-On Foot #18 to the desired position.
 - A short shank is appropriate for dress-and blouse-weight fabrics.
 - A long shank is appropriate for coat and jacket-weight materials.
6. Check the distance between the holes of the button by turning the hand wheel. Adjust the stitch width if necessary so that the left and right swings of the needle fall into the holes of the button. Hold the thread tails as you begin to sew.
7. When using the Button Sew-on Program, the machine stops automatically when the program is complete (keep the Foot Control fully depressed until the machine stops, or use the Start/Stop button); the thread tails are secured as part of the program.

Sew HOW

Do you know how to:

- Lower the feed dogs?
- Adjust the shank on Button Sew-On Foot #18?

CREATIVE CONSULTANT-ZIPPER INFORMATION

The Creative Consultant provides information and help with various sewing techniques, including zippers. After selecting the fabric and the desired sewing technique, suggestions for suitable needle, presser foot, etc. are displayed.



1. Touch the Creative Consultant icon.
2. Choose the fabric.
 - Select the Help Program icon.
 - Select the Medium-weight woven icon. A list of medium weight fabrics is displayed.
 - Close the help screen.
3. Select the Medium-weight icon again and the Sewing Techniques Screen will open.
4. Choose the desired Sewing Technique.
 - Choose Zipper. Recommendations for the selected material and the desired sewing technique are displayed.
 - Any icon with a + in the lower right corner can be selected and more information will be displayed.
 - To commence sewing with the program suggestions, select the green check box to confirm and the display with the programmed stitch patterns appears on the screen.
 - Otherwise, select the red x box to close the screen without making changes.

Sew HOW

Do you know:

- How to access Creative Consultant?
- When to use the Help Program?

COMBI MODE-STITCH PATTERNS

Combi Mode is used to combine alphabets and/or stitch patterns to create new custom stitch patterns. Stitches can be altered individually using the "i" settings, or the whole combination can be altered. Refer to the machine manual for limitations. Combi Mode can be used with 9 mm and/or Sideways Motion stitches with machines that have sideways motion capabilities. Stitch the combination using an appropriate foot for the stitches in the combination.



Programming Combi Mode

1. Select the Combi Mode (+) icon and the stitch altering area becomes the combination area. (On the B 880 PLUS, 790 PLUS, an action bar appears to the right of the stitch altering area to display the combination.) As a stitch is selected, it is added to the combination.
2. Select three decorative stitches. Decorative stitches can be added using the Search icon, or by selecting a stitch directly from any Decorative Stitch Menu. The following are suggested stitch combinations:
B 880 PLUS, 790 PLUS, 770 QE, 740: 977, 942, 779 (scissors, needle & thread, machine)
B 590: 2204, 2202, 2201 (scissors, needle & thread, machine.
B 570 QE, 535: 906, 920, 712 (star, umbrella, heart)

Saving in Memory

1. Select the Personal Program icon.
2. Select Save.
3. Select the highlighted stitch combination to save.

Deleting Individual Characters

1. Delete by swiping:
 - Select a stitch from the Action Bar (B 880 PLUS/790PLUS), or from the Stitch Altering Area for other machines. (If a machine has an Action Bar, it must be used when deleting by swiping.)
 - Tap, hold, and move stitch out of the area (or to the right). Delete happens without confirmation.
2. Delete using the trashcan:
 - If the Information icon is open, the selected stitch can be deleted by swiping or by selecting the trashcan in the Information menu.

Deleting Combinations on Screen







1. Select the "i" button; select the Editing Complete Combination icon.
2. Touch the Delete (trashcan) icon.
3. Touch the green check box to confirm.



Retrieving Stored Memory

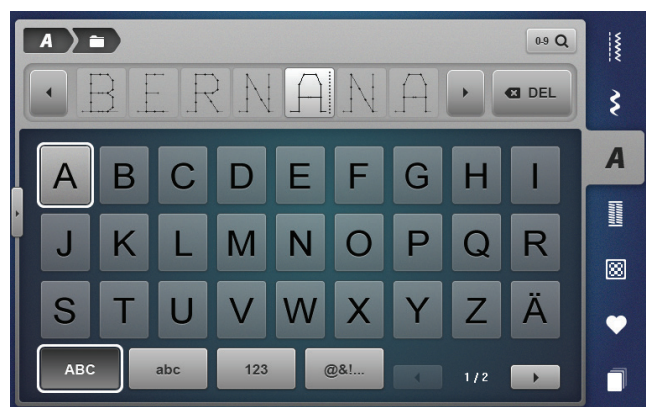
1. Open Combi Mode.
2. Select Personal Program; select the Combination Folder.
3. Select the desired combination.

COMBI MODE-LETTERING

-  Firm woven fabric, 4" x 6"*
-  Lightweight tear-away stabilizer 4" x 6"*
-  80/12 Universal
-  Polyester or cotton embroidery thread
-  Default
-  Open Embroidery foot #20/20C/20D

*or use
Classroom
Sampler Fabric

A A



Stitching a word combination:

1. Close the Transition window.
2. Open the "i" menu; select Editing the Complete Combination. Then touch Pattern Repeat 1x and stitch the design.
3. Save the combination using the instructions on Page 32 for accessing and programming the memory.

1. Attach Open Embroidery Foot #20/20C/20D.
2. Place the stabilizer behind the fabric.
3. Open Combi Mode. (If a previous combination is on the screen, delete the combination. See previous page for directions.)
4. Select the Alphabet menu and select an alphabet.
5. Program BERNANA (misspelled).
6. To edit:
 - The cursor is the dotted line. Use the navigation arrows to scroll, OR
 - Select the first (incorrect) "A" in the list. Tap and swipe to delete the letter.
 - To insert the "I", select the letter before the insertion point (top "N") and type the "I". The insertion happens after the cursor.


Using the Transition window to enter and edit text

1. Open Combi Mode. (If a previous combination is on the screen, delete the combination. See previous page for directions.)
2. Touch the Transition icon to open the Transition Window and type in BERNANA (misspelled).
3. To edit in the Transition view:
 - Select the first (incorrect) "A" and select the Delete icon to the right.
 - To insert the "I", select the letter before the insertion point ("N") and type the "I".
 - Select Transition icon to close the screen.

Do you know how to: **Sew HOW**

- Insert at the beginning of a combination?
- Edit lettering already programmed?
- Retrieve a saved combination?


FREE-MOTION STITCHING

 Two 12" x 12" pieces medium weight cotton
One 12" x 12" piece low-loft cotton batting

 80/12 Quilting needle

 40 weight quilting thread in needle
60 wt thread in bobbin

 Default

 Darning Foot #9 or
Freehand Embroidery Foot #24 or
Freehand Quilting Foot #29/29C
Teardrop Embroidery Foot #26

 Feed dogs down

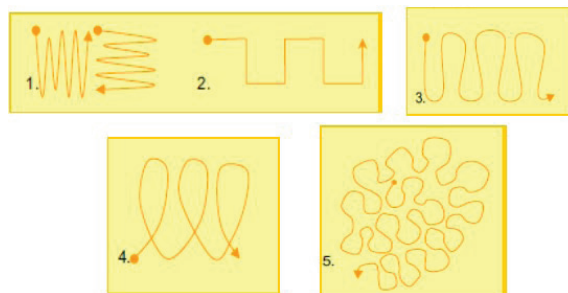
Free Motion Tips:

- BERNINA presser feet designed for free-motion stitching have a patented hooper mechanism that holds the fabric as the needle pulls away, making it easy to move the fabric.
- The key to successful free-motion stitching is to run the motor at a consistent speed and move the fabric at a consistent and smooth speed.
- Set the Slide Speed Control to medium and floor the foot control, or use the Start/Stop button on the machine.



Free-motion stitching refers to sewing without the feeding aid of the sewing machine. The feed dogs are lowered and the fabric stays in the same place unless you manually move it. Free-motion stitching is used in quilting, bobbinplay, and thread painting.

1. Make a "quilt sandwich" with the batting between two layers of fabric and practice "drawing" a variety of shapes (see below) on fabric as follows:
2. Using the foot control or the Stop/Start button to run the machine, move the fabric in a forward and back motion.
3. Move fabric from top to bottom; then side to side, keeping the lines of stitching perpendicular to each other. (1)
4. Move fabric to the right, down, up, to the right, down and up. (2)
5. Move the fabric in smooth curves in an up and down motion working from left to right. (3)
6. Move the fabric in loops (4) or figure 8 shapes.
7. Create stippling shapes – think of interconnecting puzzle pieces with evenly sized "bumps." Avoid "painting yourself into a corner" and/or stitching across a previously stitched line. (5)



Sew HOW

Do you know how to:

- Lower the feed dogs?
- Move the fabric for even and consistent stitching?

BERNINA STITCH REGULATOR #42

B 880 PLUS, 790 PLUS, 770 QE, 590, 570 QE - Standard Accessory
B 740, 535 - Optional Accessory

The BERNINA Stitch Regulator (BSR) is designed to assist with free-motion stitching techniques by helping to keep the stitch length regular and consistent, eliminating hours of practice.

The BSR Foot is equipped with three unique soles, each designed for different sewing situations.

- A closed, O-shaped, metal sole for detailed free-motion stitching techniques such as stippling, bobbin play, and thread painting.
- An open, C-shaped, metal sole for added visibility in front of needle when following printed or marked lines. The “prongs” of this sole are slightly curved, facilitating movement over several layers of fabric and/or thread.
- A large, clear plastic sole for echo-quilting and medium to large-scale free-motion stitching techniques. The large sole moves easily over raised areas; useful for stitching thick batting, as it compresses a larger area around the needle, increasing visibility. Cross-hairs and concentric circle markings aid in accurate stitch placement.



BERNINA Stitch Regulator Mode 1

When BSR Mode 1 is selected the needle immediately starts to move up and down, ready for the fabric to be moved for stitching.

BERNINA Stitch Regulator Mode 2

When working in BSR Mode 2, the motor is engaged only when the fabric is moved under the foot, giving the stitcher time to stop and think about the path the needle is taking.

Note: If there is no movement for over approximately seven seconds, the BSR will automatically deactivate.

Attach and plug in the BERNINA Stitch Regulator; lower the feed dogs. The 880 PLUS automatically lowers the feed dogs when the BERNINA Stitch Regulator is selected.

Set motor speed to maximum on the Slide Speed Control.

Note: It is possible to stitch faster than the BSR can regulate. Engage the audio signal to alert you when you exceed the “speed limit”.

Create a sample using the BERNINA Stitch Regulator using the sole and Mode of your choice, following the Free-motion stitching instructions on the previous page. When stitching is complete, raise the feed dogs to sewing position.

ON-SCREEN TUTORIALS

To access information about the BERNINA Stitch Regulator at any time, select the Tutorial icon; then BSR to obtain on-screen info.




Sew HOW

Do you know how to:

- Change the soles to the BERNINA Stitch Regulator?
- Access the BSR Tutorial?

BERNINA STITCH REGULATOR PRACTICE

 Two 12" x 12" pieces medium weight cotton
One 12" x 12" piece low-loft cotton batting

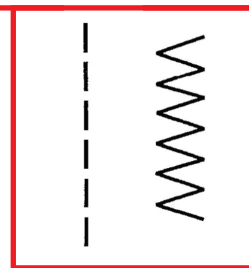
 80/12 Universal

 40 wt. quilting thread in needle
60 wt. thread in bobbin

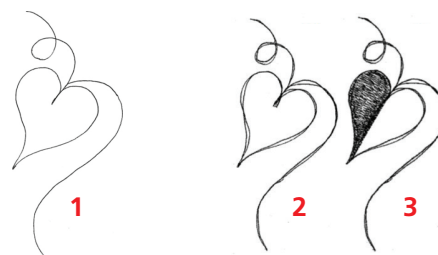
 Default

 **Bernina Stitch Regulator #42**
(optional accessory for B 740, 535)

Use the BSR zigzag option to easily and quickly create freehand embroidery designs, shade or accent fabric motifs, and couch decorative fibers. For more information, refer to previous page and your machine manual.



1. Make a "quilt sandwich" with the batting between two layers of fabric.
2. Attach the BERNINA Stitch Regulator to the machine and select the BSR Zigzag stitch.
3. Select Mode 1 or 2 as desired. Adjust presser foot pressure if needed. Lower the feed dogs. NOTE: The B 880 PLUS does this automatically.
4. Using a fabric marker, trace or draw leaf shape (1) on fabric, starting at the upper edge and drawing in one continuous line.
5. Place the fabric under the BERNINA Stitch Regulator foot.
6. Select the BSR straight stitch. Stitch the leaf shape, tracing lines several times (2).
7. Select the BSR zigzag stitch. Shade the left side of the leaf (3).
8. Experiment with different stitch lengths and widths, making note of your preferences.
9. When stitching is complete, raise the feed dogs to the sewing position. (The B 880 PLUS will automatically raise the feed dogs when the BSR is removed.)



Sew HOW

Do you know:

- How to attach the BERNINA Stitch Regulator to the machine?
- The difference between Mode 1 and 2?